ANEJO Nº 18. REPLANTEO

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1. INTRODUCCIÓN

Los trabajos de replanteo realizados han consistido en obtener la posición de una serie de hitos en puntos cercanos a la ubicación de los distintos ejes, tanto del tronco como de los enlaces, conexión y reposiciones de carreteras, caminos y servidumbres.

Todo el trabajo de campo para obtener la posición de las bases se explica en el Anejo nº 1 de “Cartografía y Topografía”.

2. REPLANTEO

En los listados adjuntos se presenta el cálculo de replanteo por bisección de los ejes del proyecto:

• Información relativa a las bases utilizadas:

Se detalla para cada punto de cada alineación en planta el par de bases (denominadas genéricamente BASE 1 y BASE 2) desde las que se puede bisecar, de las que se especifica:

- Denominación en el listado de bases
- Coordenadas planimétricas absolutas
- Distancia en planta entre las dos bases
- Azimut topográfico de la visual entre la BASE 1 y la BASE 2.

• Puntos del eje en planta:

Se detallan para los puntos de cada eje (tanto los tomados a intervalos regulares como los puntos singulares) sus coordenadas absolutas, así como sus distancias y azimutes relativos al par de bases correspondiente.

• Abreviaturas Utilizadas:

P K: Distancia al origen (Punto Kilométrico)

AZ1: Azimut visual (Base 1- Punto)

d1: Distancia en planta (Base 1- Punto)

X: Longitud UTM

Y: Latitud UTM

AZ2: Azimut visual (Base 2- Punto)

d2: Distancia en planta (Base 2- Punto)

• Unidades y convenio de signos:

- Las distancias al origen (PK), las distancias entre puntos y las coordenadas se expresan en metros (m)
- Para cada punto, la coordenada X corresponde a su longitud y la coordenada Y corresponde a su latitud en el sistema de coordenadas absolutas. Por lo tanto, el eje Y de coordenadas coincide con el norte geográfico.
- La distancia entre dos puntos se calcula teniendo en cuenta exclusivamente sus pares de coordenadas X e Y.
- Los azimutes se expresan en grados centesimales, y se miden desde el norte geográfico en el sentido de las agujas del reloj.
- Los ángulos positivos corresponden al sentido de las agujas del reloj

A continuación, se presenta el cuadro resumen con las 56 bases de replanteo utilizadas para el cálculo:

LISTADO DE COORDENADAS DE LAS BASES DE REPLANTEO. UTM H29 ETRS89			
ID	**X**	**Y**	**H**
BR01=V01	721776,335	4371188,777	408,569
BR02	721592,524	4371137,193	403,951
BR03	721505,537	4370959,085	410,936
BR04	721308,890	4370957,458	413,265
BR05	721114,883	4370981,771	418,756
BR06	720854,869	4370925,216	415,878
BR07	720678,690	4370850,930	407,029
BR08	720458,415	4370704,625	415,320
BR09	720202,271	4370759,571	405,430
BR10	720055,689	4370811,993	405,592
BR11	719862,606	4370746,086	403,681

LISTADO DE COORDENADAS DE LAS BASES DE REPLANTEO. UTM H29 ETRS89			
ID	**X**	**Y**	**H**
BR12	719669,216	4370695,216	397,451
BR13	719548,869	4370658,459	401,680
BR14	719333,446	4370606,759	400,027
BR15	719129,394	4370552,058	402,092
BR16	718946,633	4370497,252	407,027
BR17	718753,160	4370408,625	404,457
BR18	718521,044	4370380,860	406,104
BR19	718237,702	4370376,584	405,120
BR20	717978,860	4370458,577	409,524
BR21	717769,628	4370549,929	405,207
BR22	717621,958	4370667,207	402,525
BR23	717487,015	4370673,639	405,931
BR24	717349,375	4370597,829	411,470
BR25	717189,695	4370660,161	410,467
BR26	717055,618	4370879,942	408,281
BR27	716901,314	4370920,939	409,931
BR28	716732,916	4371005,676	403,969
BR29	716611,756	4371090,104	404,749
BR30	716404,347	4371118,878	408,885
BR31	716187,630	4371106,929	388,139
BR32	716074,805	4371269,806	392,247
BR33	715845,833	4371269,204	383,815
BR34	715630,574	4371196,657	380,099
BR35	715426,392	4371129,727	376,751
BR36	715232,664	4371099,979	373,101
BR37	714970,760	4371103,077	380,839
BR38	714753,277	4371153,177	374,716
BR39=V03	714541,115	4371206,546	375,817
BR40	714369,840	4371097,991	374,247
BR41	714129,248	4371131,028	371,017
BR42	713981,025	4371043,314	367,739
BR43	713755,543	4370939,017	362,504
BR44	713547,423	4370990,498	362,667
BR45	713397,615	4370959,383	357,404
BR46	713210,645	4370726,714	358,635
BR47	713204,987	4370529,653	359,989
BR48	713051,867	4370265,193	361,446
BR49	712883,288	4370138,237	360,572
BR50	712951,423	4369983,338	366,172
BR51	712758,203	4369929,007	362,758
BR52	712530,279	4369856,750	358,001
BR53	712338,734	4369806,771	354,808
BR54	712156,968	4369834,619	352,894
BR55	711967,196	4369731,104	353,459
BR56	711795,005	4369676,669	357,363

APENDICE 1. LISTADOS DE REPLANTEO

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B01 X: 721776.335 Y: 4371188.777 Z: 408.569 PK: -85.401 Dis= -57.953 K : 1.000000000
Distancia: 190.912 Azimut: 282.582182
BO : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 49.221 Dis= -44.865 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	-80.000	291.081514	0.000	721714.215	4371199.662	311.043359	63.067	28.461177	69.807192	136.788	387.225010	406.254
RECTA	-60.000	291.081514	0.000	721694.410	4371196.870	306.268340	82.323	23.686158	66.268597	118.077	383.686415	406.238
RECTA	-40.000	291.081514	0.000	721674.606	4371194.077	303.313771	101.867	20.731589	61.419552	99.866	378.837371	406.222
RECTA	-20.000	291.081514	0.000	721654.802	4371191.284	301.313232	121.559	18.731051	54.471442	82.489	371.889260	406.206
RECTA	0.000	291.081514	0.000	721634.998	4371188.492	299.871488	141.337	17.289306	44.026720	66.600	361.444538	406.190
RECTA	20.000	291.081514	0.000	721615.194	4371185.699	298.784128	161.170	16.201946	27.833221	53.542	345.251039	406.174
RECTA	40.000	291.081514	0.000	721595.390	4371182.906	297.935249	181.040	15.353067	3.986229	45.803	321.404048	406.158

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 49.221 Dis= -44.865 K : 1.000000000
Distancia: 198.215 Azimut: 228.922930
BO : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 160.586 Dis=-209.063 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	40.000	291.081514	0.000	721595.390	4371182.906	3.986229	45.803	175.063299	24.303334	241.184	395.380404	406.158
RECTA	60.000	291.081514	0.000	721575.586	4371180.114	376.071256	46.142	147.148326	19.538445	231.863	390.615515	406.142
RECTA	80.000	291.081514	0.000	721555.782	4371177.321	352.802389	54.408	123.879459	14.406007	223.945	385.483076	406.126
RECTA	100.000	291.081514	0.000	721535.978	4371174.528	337.150383	67.760	108.227453	8.935922	217.583	380.012992	406.110
RECTA	120.000	291.081514	0.000	721516.174	4371171.736	327.047953	83.801	98.125023	3.181740	212.917	374.258810	406.094
CLOT.	127.141	291.081514	0.000	721509.102	4371170.739	324.340081	89.914	95.417151	1.072341	211.684	372.149411	406.088
CLOT.	132.877	291.078291	0.000	721503.423	4371169.937	322.420231	94.928	93.497300	399.361630	210.863	370.438700	406.084
CLOT.	138.557	291.068746	0.000	721497.798	4371169.144	320.710107	99.969	91.787177	397.655725	210.201	368.732795	406.081
CLOT.	140.000	291.065315	0.000	721496.370	4371168.942	320.302896	101.260	91.379965	397.220857	210.057	368.297927	406.082
CLOT.	160.000	290.975735	0.000	721476.568	4371166.132	315.570184	119.512	86.647254	391.150274	209.064	362.227344	406.114
CLOT.	161.268	290.967412	0.000	721475.313	4371165.953	315.318065	120.688	86.395134	390.764065	209.064	361.841135	406.118

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 160.586 Dis=-209.063 K : 1.000000000
Distancia: 196.654 Azimut: 299.473291
BO : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 370.725 Dis=-176.568 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	160.000	290.975735	0.000	721476.568	4371166.132	391.150274	209.064	91.676983	43.092543	267.696	343.619252	406.114
CLOT.	161.268	290.967412	0.000	721475.313	4371165.953	390.764065	209.064	91.290774	42.885774	266.771	343.412482	406.118
CLOT.	180.000	290.807778	0.000	721456.772	4371163.283	385.076326	209.940	85.603034	39.663058	253.442	340.189767	406.202
CLOT.	200.000	290.561443	0.000	721436.986	4371160.369	379.102978	212.637	79.629687	35.848752	239.961	336.375460	406.347
CLOT.	220.000	290.236731	0.000	721417.212	4371157.366	373.321495	217.063	73.848204	31.612876	227.370	332.139585	406.549
CLOT.	240.000	289.833642	0.000	721397.457	4371154.250	367.803111	223.094	68.329819	26.922480	215.804	327.449189	406.806
CLOT.	259.257	289.371452	0.000	721378.455	4371151.121	362.783305	230.277	63.310014	21.954140	205.778	322.480849	407.107
CLOT.	260.000	289.352175	0.000	721377.723	4371150.997	362.595890	230.579	63.122599	21.753506	205.415	322.280215	407.120
CLOT.	280.000	288.792331	0.000	721358.017	4371147.583	357.725486	239.361	58.252194	16.097628	196.369	316.624336	407.460
CLOT.	291.846	288.423771	0.000	721346.360	4371145.475	355.002901	245.109	55.529610	12.523047	191.714	313.049756	407.661
CLOT.	300.000	288.154110	0.000	721338.343	4371143.984	353.198541	249.281	53.725250	9.970239	188.837	310.496947	407.799
CIRC.	318.259	287.503006	0.000	721320.417	4371140.515	349.359198	259.204	49.885907	4.003420	183.420	304.530129	408.096
CIRC.	320.000	287.437808	0.000	721318.709	4371140.175	349.007289	260.189	49.533997	3.417992	182.981	303.944700	408.123
CIRC.	340.000	286.688844	0.000	721299.121	4371136.139	345.134910	271.948	45.661619	396.522905	178.948	297.049614	408.432
CIRC.	360.000	285.939879	0.000	721279.582	4371131.872	341.561128	284.449	42.087837	389.401311	176.860	289.928020	408.723

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
===

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 370.725 Dis=-176.568 K : 1.000000000
Distancia: 195.525 Azimut: 307.936756
BO : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 562.397 Dis=-100.411 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	360.000	285.939879	0.000	721279.582	4371131.872	389.401311	176.860	81.464555	52.949885	222.836	345.013129	408.723
CIRC.	380.000	285.190915	0.000	721260.094	4371127.376	382.196909	176.786	74.260153	49.913582	205.638	341.976826	408.998
CIRC.	400.000	284.441950	0.000	721240.660	4371122.651	375.064229	178.729	67.127473	46.398008	188.857	338.461252	409.256
CLOT.	412.829	283.961523	0.000	721228.224	4371119.500	370.594922	181.010	62.658166	43.835308	178.369	335.898551	409.413
CLOT.	420.000	283.698024	0.000	721221.283	4371117.698	368.148415	182.625	60.211659	42.280894	172.619	334.344138	409.498
CLOT.	440.000	283.016350	0.000	721201.963	4371112.527	361.568979	188.361	53.632223	37.402828	157.099	329.466072	409.723
CLOT.	460.000	282.413053	0.000	721182.696	4371107.161	355.411728	195.796	47.474972	31.561488	142.553	323.624732	409.931
CLOT.	480.000	281.888133	0.000	721163.478	4371101.625	349.726333	204.765	41.789577	24.522424	129.331	316.585668	410.122
CLOT.	500.000	281.441591	0.000	721144.302	4371095.942	344.530361	215.098	36.593604	16.055042	117.901	308.118285	410.297
CLOT.	520.000	281.073427	0.000	721125.164	4371090.137	339.816791	226.625	31.880035	6.021535	108.852	298.084779	410.456
CLOT.	540.000	280.783639	0.000	721106.055	4371084.233	335.562166	239.194	27.625409	394.528431	102.841	286.591675	410.597
CLOT.	560.000	280.572229	0.000	721086.970	4371078.253	331.733629	252.666	23.796872	382.071465	100.439	274.134708	410.722

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 562.397 Dis=-100.411 K : 1.000000000
Distancia: 266.093 Azimut: 286.365409
BO : B06 X: 720854.869 Y: 4370925.216 Z: 415.878 PK: 827.583 Dis= -75.479 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	560.000	280.572229	0.000	721086.970	4371078.253	382.071465	100.439	95.706055	62.889831	278.013	376.524422	410.722
CLOT.	580.000	280.439196	0.000	721067.901	4371072.222	369.501882	101.925	83.136472	61.546332	258.831	375.180923	410.830
CLOT.	600.000	280.384541	0.000	721048.841	4371066.163	357.727227	107.162	71.361818	59.996014	239.773	373.630605	410.922
RECTA	603.947	280.383015	0.000	721045.080	4371064.966	355.558162	108.600	69.192752	59.660901	236.030	373.295492	410.938
RECTA	620.000	280.383015	0.000	721029.783	4371060.097	347.362760	115.659	60.997351	58.181167	220.880	371.815757	410.997
RECTA	640.000	280.383015	0.000	721010.725	4371054.032	338.612526	126.770	52.247116	56.028963	202.199	369.663554	411.055
RECTA	660.000	280.383015	0.000	720991.667	4371047.966	331.384213	139.871	45.018803	53.442308	183.796	367.076899	411.096
RECTA	676.562	280.383015	0.000	720975.885	4371042.943	326.393209	151.863	40.027800	50.877022	168.833	364.511613	411.118
RECTA	680.000	280.383015	0.000	720972.609	4371041.900	325.455853	154.459	39.090444	50.286686	165.764	363.921277	411.121
RECTA	699.846	280.383015	0.000	720953.697	4371035.881	320.618746	170.026	34.253337	46.406861	148.370	360.041451	411.129
RECTA	700.000	280.383015	0.000	720953.551	4371035.834	320.584739	170.150	34.219330	46.373249	148.238	360.007840	411.129
RECTA	720.000	280.383015	0.000	720934.493	4371029.768	316.555341	186.667	30.189932	41.435255	131.420	355.069846	411.121
RECTA	740.000	280.383015	0.000	720915.435	4371023.703	313.192073	203.808	26.826663	35.100049	115.619	348.734640	411.096
RECTA	760.000	280.383015	0.000	720896.377	4371017.637	310.357205	221.430	23.991796	26.872989	101.314	340.507580	411.054
RECTA	780.000	280.383015	0.000	720877.319	4371011.571	307.944279	239.426	21.578870	16.191888	89.226	329.826479	410.996
RECTA	800.000	280.383015	0.000	720858.261	4371005.505	305.871228	257.717	19.505819	2.687876	80.361	316.322467	410.920
RECTA	820.000	280.383015	0.000	720839.203	4370999.440	304.074566	276.246	17.709157	386.757491	75.859	300.392082	410.829

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B06 X: 720854.869 Y: 4370925.216 Z: 415.878 PK: 827.583 Dis= -75.479 K : 1.000000000
Distancia: 191.200 Azimut: 274.596939
BO : B07 X: 720678.690 Y: 4370850.930 Z: 407.029 PK: 1017.994 Dis= -92.833 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	820.000	280.383015	0.000	720839.203	4370999.440	386.757491	75.859	112.160552	52.471594	218.677	377.874655	410.829
RECTA	840.000	280.383015	0.000	720820.145	4370993.374	370.003022	76.493	95.406083	49.778281	200.748	375.181342	410.720
RECTA	860.000	280.383015	0.000	720801.087	4370987.308	354.557743	82.146	79.960804	46.563851	183.248	371.966912	410.595
RECTA	880.000	280.383015	0.000	720782.029	4370981.242	341.740360	91.894	67.143421	42.683137	166.314	368.086198	410.453
RECTA	900.000	280.383015	0.000	720762.971	4370975.176	331.700820	104.601	57.103881	37.945055	150.135	363.348116	410.295
RECTA	915.846	280.383015	0.000	720747.871	4370970.370	325.422623	116.135	50.825684	33.422149	138.029	358.825210	410.157
RECTA	920.000	280.383015	0.000	720743.913	4370969.111	323.982152	119.323	49.385213	32.104473	134.984	357.507534	410.120
RECTA	940.000	280.383015	0.000	720724.855	4370963.045	318.025399	135.405	43.428461	24.866925	121.247	350.269986	409.940
RECTA	947.535	280.383015	0.000	720717.675	4370960.760	316.138480	141.723	41.541541	21.714402	116.544	347.117463	409.872
RECTA	960.000	280.383015	0.000	720705.797	4370956.979	313.364706	152.418	38.767767	15.931505	109.459	341.334566	409.771
RECTA	980.000	280.383015	0.000	720686.739	4370950.913	309.655464	170.082	35.058525	5.114108	100.307	330.517169	409.654
RECTA	1000.000	280.383015	0.000	720667.681	4370944.847	306.652262	188.214	32.055323	392.571593	94.560	317.974654	409.594
RECTA	1011.435	280.383015	0.000	720656.785	4370941.379	305.183259	198.742	30.586320	384.873737	93.064	310.276799	409.585

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B07 X: 720678.690 Y: 4370850.930 Z: 407.029 PK: 1017.994 Dis= -92.833 K : 1.000000000
Distancia: 264.436 Azimut: 262.675762
BO : B08 X: 720458.415 Y: 4370704.625 Z: 415.320 PK: 1272.266 Dis=-165.439 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1000.000	280.383015	0.000	720667.681	4370944.847	392.571593	94.560	129.895830	45.622526	318.589	382.946764	409.594
RECTA	1011.435	280.383015	0.000	720656.785	4370941.379	384.873737	93.064	122.197975	44.398603	308.874	381.722841	409.585
RECTA	1020.000	280.383015	0.000	720648.623	4370938.782	379.007516	92.854	116.331753	43.430415	301.676	380.754653	409.590
RECTA	1040.000	280.383015	0.000	720629.565	4370932.716	365.565375	95.405	102.889613	40.981228	285.163	378.305466	409.642
RECTA	1060.000	280.383015	0.000	720610.507	4370926.650	353.331450	101.894	90.655687	38.235612	269.123	375.559850	409.751
RECTA	1066.000	280.383015	0.000	720604.790	4370924.830	350.000097	104.511	87.324334	37.347547	264.416	374.671784	409.794
RECTA	1080.000	280.383015	0.000	720591.449	4370920.584	342.893768	111.636	80.218005	35.148593	253.646	372.472830	409.916
RECTA	1100.000	280.383015	0.000	720572.391	4370914.518	334.320122	123.866	71.644359	31.669836	238.843	368.994074	410.137
RECTA	1120.000	280.383015	0.000	720553.333	4370908.453	327.387865	137.924	64.712102	27.744934	224.845	365.069172	410.415
RECTA	1132.135	280.383015	0.000	720541.770	4370904.772	323.851962	147.126	61.176200	25.122510	216.811	362.446747	410.611
RECTA	1140.000	280.383015	0.000	720534.275	4370902.387	321.790751	153.308	59.114988	23.318397	211.813	360.642635	410.744
RECTA	1149.726	280.383015	0.000	720525.008	4370899.437	319.463812	161.156	56.788049	20.968923	205.880	358.293161	410.910
RECTA	1160.000	280.383015	0.000	720515.217	4370896.321	317.242521	169.657	54.566759	18.339288	199.935	355.663526	411.081
RECTA	1180.000	280.383015	0.000	720496.160	4370890.255	313.509168	186.719	50.833405	12.770399	189.429	350.094636	411.397
RECTA	1200.000	280.383015	0.000	720477.102	4370884.190	310.409630	204.314	47.733868	6.601277	180.534	343.925514	411.689
RECTA	1220.000	280.383015	0.000	720458.044	4370878.124	307.806694	222.316	45.130931	399.863709	173.499	337.187947	411.957
RECTA	1240.000	280.383015	0.000	720438.986	4370872.058	305.596802	240.634	42.921040	392.645373	168.556	329.969611	412.202
RECTA	1260.000	280.383015	0.000	720419.928	4370865.992	303.701482	259.200	41.025720	385.094574	165.893	322.418811	412.422

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B08 X: 720458.415 Y: 4370704.625 Z: 415.320 PK: 1272.266 Dis=-165.439 K : 1.000000000
Distancia: 261.971 Azimut: 313.452401
BO : B09 X: 720202.271 Y: 4370759.571 Z: 405.430 PK: 1499.681 Dis= -35.396 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1260.000	280.383015	0.000	720419.928	4370865.992	385.094574	165.893	71.642173	71.049022	242.281	357.596621	412.422
RECTA	1280.000	280.383015	0.000	720400.870	4370859.926	377.409247	165.620	63.956846	70.213044	222.514	356.760643	412.619
RECTA	1300.000	280.383015	0.000	720381.812	4370853.861	369.809285	167.748	56.356884	69.214278	202.794	355.761877	412.792
RECTA	1320.000	280.383015	0.000	720362.754	4370847.795	362.500521	172.188	49.048120	68.000719	183.134	354.548319	412.941
RECTA	1340.000	280.383015	0.000	720343.696	4370841.729	355.644117	178.768	42.191717	66.495982	163.557	353.043581	413.067
RECTA	1360.000	280.383015	0.000	720324.638	4370835.663	349.341554	187.263	35.889154	64.583474	144.096	351.131073	413.168
RECTA	1380.000	280.383015	0.000	720305.580	4370829.597	343.636283	197.425	30.183882	62.076871	124.805	348.624470	413.246
RECTA	1400.000	280.383015	0.000	720286.522	4370823.532	338.526040	209.012	25.073639	58.661524	105.779	345.209123	413.300
RECTA	1420.000	280.383015	0.000	720267.464	4370817.466	333.978414	221.800	20.526013	53.770207	87.189	340.317806	413.330
RECTA	1435.326	280.383015	0.000	720252.860	4370812.818	330.844256	232.290	17.391855	48.370970	73.447	334.918569	413.337
RECTA	1440.000	280.383015	0.000	720248.406	4370811.400	329.944633	235.594	16.492232	46.303832	69.388	332.851432	413.337
RECTA	1460.000	280.383015	0.000	720229.348	4370805.334	326.369632	250.228	12.917231	34.013024	53.174	320.560623	413.319
RECTA	1480.000	280.383015	0.000	720210.290	4370799.268	323.198416	265.562	9.746015	12.689101	40.499	299.236700	413.278

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B09 X: 720202.271 Y: 4370759.571 Z: 405.430 PK: 1499.681 Dis= -35.396 K : 1.000000000
Distancia: 155.674 Azimut: 321.865036
BO : B10 X: 720055.689 Y: 4370811.993 Z: 405.592 PK: 1623.460 Dis= 59.014 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1480.000	280.383015	0.000	720210.290	4370799.268	12.689101	40.499	90.824065	105.227969	155.124	383.362933	413.278
RECTA	1500.000	280.383015	0.000	720191.232	4370793.203	379.809419	35.397	57.944383	108.769579	136.839	386.904544	413.213
RECTA	1520.000	280.383015	0.000	720172.174	4370787.137	347.207343	40.813	25.342307	113.383778	119.107	391.518742	413.124
RECTA	1540.000	280.383015	0.000	720153.116	4370781.071	326.249188	53.651	4.384152	119.565203	102.216	397.700168	413.011
RECTA	1541.117	280.383015	0.000	720152.052	4370780.732	325.388541	54.495	3.523505	119.970341	101.307	398.105306	413.004
RECTA	1560.000	280.383015	0.000	720134.058	4370775.005	314.166018	69.937	392.300982	128.073139	86.659	6.208103	412.875
RECTA	1580.000	280.383015	0.000	720115.000	4370768.939	306.808009	87.772	384.942973	139.972920	73.290	18.107884	412.714
RECTA	1600.000	280.383015	0.000	720095.942	4370762.874	301.976777	106.380	380.111741	156.294961	63.506	34.429925	412.530
RECTA	1620.000	280.383015	0.000	720076.884	4370756.808	298.597335	125.417	376.732299	176.654996	59.115	54.789960	412.322

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B10 X: 720055.689 Y: 4370811.993 Z: 405.592 PK: 1623.460 Dis= 59.014 K : 1.000000000
Distancia: 204.022 Azimut: 279.059068
BO : B11 X: 719862.606 Y: 4370746.086 Z: 403.681 PK: 1827.437 Dis= 54.771 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1620.000	280.383015	0.000	720076.884	4370756.808	176.654996	59.115	297.595928	96.817181	214.546	17.758113	412.322
RECTA	1640.000	280.383015	0.000	720057.826	4370750.742	197.779558	61.288	318.720490	98.481913	195.276	19.422845	412.090
RECTA	1660.000	280.383015	0.000	720038.768	4370744.676	215.677319	69.411	336.618251	100.509422	176.168	21.450354	411.835
RECTA	1680.000	280.383015	0.000	720019.710	4370738.611	229.020303	81.728	349.961235	103.026935	157.282	23.967867	411.556
RECTA	1700.000	280.383015	0.000	720000.652	4370732.545	238.568613	96.649	359.509545	106.224826	138.709	27.165758	411.252
RECTA	1720.000	280.383015	0.000	719981.594	4370726.479	245.452980	113.149	366.393912	110.396871	120.593	31.337803	410.925
RECTA	1740.000	280.383015	0.000	719962.536	4370720.413	250.541998	130.630	371.482930	116.009013	103.175	36.949945	410.575
RECTA	1760.000	280.383015	0.000	719943.478	4370714.347	254.411355	148.748	375.352287	123.808536	86.877	44.749468	410.200
RECTA	1780.000	280.383015	0.000	719924.420	4370708.282	257.431976	167.295	378.372908	134.943432	72.458	55.884364	409.802
RECTA	1800.000	280.383015	0.000	719905.362	4370702.216	259.845445	186.143	380.786377	150.818450	61.259	71.759382	409.379
RECTA	1804.926	280.383015	0.000	719900.669	4370700.722	260.366438	190.821	381.307370	155.557351	59.217	76.498283	409.272
RECTA	1820.000	280.383015	0.000	719886.304	4370696.150	261.812845	205.209	382.753776	171.791163	55.274	92.732095	408.940

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B11 X: 719862.606 Y: 4370746.086 Z: 403.681 PK: 1827.437 Dis= 54.771 K : 1.000000000
Distancia: 199.969 Azimut: 283.625069
BO : B12 X: 719669.216 Y: 4370695.216 Z: 397.451 PK: 2027.147 Dis= 64.951 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1820.000	280.383015	0.000	719886.304	4370696.150	171.791163	55.274	288.166094	99.726103	217.091	16.101034	408.940
RECTA	1840.000	280.383015	0.000	719867.247	4370690.084	194.736750	56.194	311.111681	101.649376	198.097	18.024307	408.500
RECTA	1860.000	280.383015	0.000	719848.189	4370684.018	214.530127	63.720	330.905058	103.977885	179.323	20.352816	408.060
RECTA	1880.000	280.383015	0.000	719829.131	4370677.953	229.073218	75.913	345.448149	106.846034	160.844	23.220965	407.620
RECTA	1900.000	280.383015	0.000	719810.073	4370671.887	239.220765	90.914	355.595696	110.449064	142.775	26.823995	407.180
RECTA	1920.000	280.383015	0.000	719791.015	4370665.821	246.367756	107.554	362.742687	115.075929	125.296	31.450860	406.740
RECTA	1940.000	280.383015	0.000	719771.957	4370659.755	251.553140	125.181	367.928071	121.157793	108.688	37.532724	406.300
RECTA	1960.000	280.383015	0.000	719752.899	4370653.689	255.439550	143.432	371.814481	129.324835	93.420	45.699766	405.860
RECTA	1970.986	280.383015	0.000	719742.430	4370650.358	257.178007	153.643	373.552937	134.995363	85.864	51.370294	405.618
RECTA	1980.000	280.383015	0.000	719733.841	4370647.624	258.440124	162.097	374.815055	140.410516	80.258	56.785446	405.423
RECTA	2000.000	280.383015	0.000	719714.783	4370641.558	260.816970	181.046	377.191901	155.179888	70.395	71.554819	405.008
RECTA	2020.000	280.383015	0.000	719695.725	4370635.492	262.741278	200.201	379.116209	173.406313	65.343	89.781244	404.620

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B12 X: 719669.216 Y: 4370695.216 Z: 397.451 PK: 2027.147 Dis= 64.951 K : 1.000000000
Distancia: 125.835 Azimut: 281.128901
BO : B13 X: 719548.869 Y: 4370658.459 Z: 401.680 PK: 2152.973 Dis= 66.425 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	2020.000	280.383015	0.000	719695.725	4370635.492	173.406313	65.343	292.277412	109.876153	148.641	28.747252	404.620
RECTA	2040.000	280.383015	0.000	719676.667	4370629.426	192.820728	66.210	311.691827	114.221152	131.054	33.092251	404.259
RECTA	2060.000	280.383015	0.000	719657.609	4370623.361	210.195534	72.787	329.066633	119.876412	114.264	38.747511	403.924
RECTA	2080.000	280.383015	0.000	719638.551	4370617.295	223.868447	83.738	342.739546	127.394750	98.678	46.265849	403.616
RECTA	2100.000	280.383015	0.000	719619.493	4370611.229	234.029904	97.602	352.901003	137.525338	84.961	56.396437	403.335
RECTA	2120.000	280.383015	0.000	719600.435	4370605.163	241.524509	113.315	360.395608	151.050135	74.159	69.921234	403.080
RECTA	2140.000	280.383015	0.000	719581.377	4370599.097	247.136611	130.209	366.007710	168.104153	67.680	86.975252	402.852

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B13                   X:  719548.869  Y: 4370658.459  Z: 401.680  PK:    2152.973 Dis=  66.425  K : 1.000000000
                                                                       Distancia:   221.540  Azimut: 285.005166
BO : B14                   X:  719333.446  Y: 4370606.759  Z: 400.027  PK:    2371.781 Dis=  84.174  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	2140.000	280.383015	0.000	719581.377	4370599.097	168.104153	67.680	283.098988	101.966678	248.049	16.961513	402.852
RECTA	2160.000	280.383015	0.000	719562.319	4370593.032	187.092726	66.796	302.087561	103.813775	229.284	18.808609	402.651
RECTA	2180.000	280.383015	0.000	719543.261	4370586.966	204.983463	71.713	319.978297	105.987930	210.747	20.982765	402.476
RECTA	2200.000	280.383015	0.000	719524.203	4370580.900	219.602343	81.387	334.597178	108.577726	192.502	23.572561	402.328
RECTA	2220.000	280.383015	0.000	719505.145	4370574.834	230.670192	94.366	345.665027	111.703319	174.642	26.698154	402.207
RECTA	2240.000	280.383015	0.000	719486.087	4370568.768	238.879280	109.480	353.874114	115.529201	157.298	30.524035	402.112
CIRC.	2243.315	280.383015	0.000	719482.928	4370567.763	240.021272	112.134	355.016107	116.245695	154.485	31.240530	402.099
CIRC.	2260.000	280.170576	0.000	719467.038	4370562.676	245.009616	125.979	360.004451	120.291097	140.677	35.285931	402.044
CIRC.	2280.000	279.915928	0.000	719448.012	4370556.509	249.656702	143.408	364.651536	126.314329	125.102	41.309164	402.003
CIRC.	2300.000	279.661280	0.000	719429.012	4370550.265	253.253077	161.467	368.247912	133.988302	111.015	48.983137	401.988
CIRC.	2300.986	279.648728	0.000	719428.076	4370549.955	253.408828	162.370	368.403663	134.416828	110.370	49.411662	401.988
CIRC.	2320.000	279.406633	0.000	719410.036	4370543.946	256.092415	179.966	371.087249	143.728646	99.054	58.723480	402.000
CIRC.	2340.000	279.151985	0.000	719391.087	4370537.551	258.374565	198.782	373.369399	155.789603	90.068	70.784437	402.039
CIRC.	2357.716	278.926419	0.000	719374.322	4370531.822	260.042749	215.646	375.037583	168.209439	85.360	83.204274	402.096
CIRC.	2360.000	278.897337	0.000	719372.162	4370531.080	260.237721	217.832	375.232556	169.896093	85.008	84.890928	402.104

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
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Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B14                   X:  719333.446  Y: 4370606.759  Z: 400.027  PK:    2371.781 Dis=  84.174  K : 1.000000000
                                                                       Distancia:   211.257  Azimut: 283.325931
BO : B15                   X:  719129.394  Y: 4370552.058  Z: 402.092  PK:    2578.269 Dis= 103.706  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	2360.000	278.897337	0.000	719372.162	4370531.080	169.896093	85.008	286.570162	105.487626	243.673	22.161695	402.104
CIRC.	2380.000	278.642689	0.000	719353.264	4370524.533	184.943336	84.581	301.617405	107.788237	225.556	24.462306	402.196
CIRC.	2398.486	278.407319	0.000	719335.820	4370518.415	198.289588	88.376	314.963657	110.285205	209.150	26.959274	402.305
CIRC.	2400.000	278.388041	0.000	719334.392	4370517.911	199.321949	88.853	315.996018	110.507933	207.823	27.182002	402.315
CIRC.	2420.000	278.133393	0.000	719315.547	4370511.213	211.789305	97.208	328.463374	113.750550	190.581	30.424619	402.445
CIRC.	2440.000	277.878745	0.000	719296.729	4370504.440	221.933889	108.707	338.607958	117.649537	173.978	34.323606	402.575
CIRC.	2460.000	277.624097	0.000	719277.938	4370497.592	229.946590	122.469	346.620659	122.373674	158.215	39.047743	402.705
CIRC.	2480.000	277.369449	0.000	719259.174	4370490.669	236.233377	137.816	352.907446	128.128134	143.567	44.802204	402.835
CIRC.	2500.000	277.114801	0.000	719240.439	4370483.670	241.194560	154.276	357.868629	135.141235	130.414	51.815305	402.965
CIRC.	2520.000	276.860153	0.000	719221.731	4370476.597	245.154076	171.529	361.828145	143.618587	119.250	60.292656	403.095
CIRC.	2540.000	276.605506	0.000	719203.052	4370469.449	248.355664	189.358	365.029733	153.642381	110.679	70.316450	403.225
CIRC.	2560.000	276.350858	0.000	719184.402	4370462.227	250.978261	207.614	367.652330	165.020997	105.335	81.695066	403.355

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B15                   X:  719129.394  Y: 4370552.058  Z: 402.092  PK:    2578.269 Dis= 103.706  K : 1.000000000
                                                                       Distancia:   190.802  Azimut: 281.452411
BO : B16                   X:  718946.633  Y: 4370497.252  Z: 407.027  PK:    2771.431 Dis= 119.949  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	2560.000	276.350858	0.000	719184.402	4370462.227	165.020997	105.335	283.568586	109.310988	240.335	27.858577	403.355
CIRC.	2580.000	276.096210	0.000	719165.781	4370454.929	177.180899	103.721	295.728488	112.145097	223.197	30.692686	403.485
CIRC.	2600.000	275.841562	0.000	719147.189	4370447.558	189.262297	106.004	307.809886	115.462859	206.621	34.010448	403.615
CIRC.	2620.000	275.586914	0.000	719128.627	4370440.112	200.436428	111.949	318.984017	119.367308	190.753	37.914897	403.745
CLOT.	2635.935	275.384018	0.000	719113.858	4370434.126	208.338571	118.951	326.886160	122.978895	178.743	41.526484	403.849
CLOT.	2640.000	275.386122	0.000	719110.094	4370432.593	210.196988	121.014	328.744577	123.979758	175.784	42.527348	403.875
CLOT.	2660.000	275.457752	0.000	719091.567	4370425.060	218.429523	132.512	336.977112	129.420079	161.918	47.967668	404.005
CLOT.	2680.000	275.631242	0.000	719073.025	4370417.562	225.265671	145.831	343.813261	135.812519	149.417	54.360108	404.135
CLOT.	2700.000	275.906591	0.000	719054.458	4370410.130	230.926122	160.496	349.473711	143.264664	138.623	61.812253	404.265
CLOT.	2720.000	276.283799	0.000	719035.852	4370402.793	235.638470	176.154	354.186059	151.815764	129.933	70.363353	404.395
CLOT.	2721.610	276.318593	0.000	719034.352	4370402.207	235.982810	177.449	354.530399	152.550318	129.338	71.097907	404.405
CLOT.	2740.000	276.762866	0.000	719017.198	4370395.581	239.601156	192.544	358.148745	161.375013	123.760	79.922602	404.520
CLOT.	2760.000	277.343793	0.000	718998.484	4370388.524	242.975107	209.477	361.522696	171.671190	120.458	90.218780	404.631

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
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Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B16                   X:  718946.633  Y: 4370497.252  Z: 407.027  PK:    2771.431 Dis= 119.949  K : 1.000000000
                                                                       Distancia:   212.806  Azimut: 272.653571
BO : B17                   X:  718753.160  Y: 4370408.625  Z: 404.457  PK:    2997.333 Dis=  87.429  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	2760.000	277.343793	0.000	718998.484	4370388.524	171.671190	120.458	299.017619	105.204498	246.146	32.550926	404.631
CLOT.	2780.000	278.026578	0.000	718979.701	4370381.654	182.262484	120.234	309.608913	107.543739	228.141	34.890168	404.730
CLOT.	2800.000	278.811223	0.000	718960.840	4370375.001	192.634650	123.074	319.981079	110.218381	210.385	37.564810	404.816
CIRC.	2802.602	278.920795	0.000	718958.380	4370374.153	193.943121	123.658	321.289550	110.594761	208.095	37.941190	404.826
CIRC.	2820.000	279.659187	0.000	718941.895	4370368.593	202.343400	128.747	329.689829	113.306100	192.934	40.652529	404.889
CIRC.	2840.000	280.508014	0.000	718922.866	4370362.437	211.109145	136.894	338.455574	116.916738	175.879	44.263166	404.949
CIRC.	2860.000	281.356840	0.000	718903.756	4370356.536	218.829090	147.103	346.175519	121.199634	159.350	48.546062	404.996
CIRC.	2880.000	282.205666	0.000	718884.570	4370350.890	225.532076	158.977	352.878505	126.353498	143.533	53.699927	405.030
CIRC.	2900.000	283.054493	0.000	718865.310	4370345.501	231.318652	172.168	358.665081	132.636835	128.694	59.983263	405.052
CIRC.	2920.000	283.903319	0.000	718845.980	4370340.369	236.314964	186.396	363.661392	140.365966	115.215	67.712395	405.060
CIRC.	2923.110	284.035308	0.000	718842.968	4370339.594	237.029094	188.686	364.375523	141.719726	113.273	69.066155	405.060
CIRC.	2940.000	284.752145	0.000	718826.583	4370335.495	240.646041	201.438	367.992470	149.872835	103.629	77.219264	405.056
CIRC.	2960.000	285.600972	0.000	718807.123	4370330.880	244.423681	217.124	371.770110	161.372817	94.638	88.719246	405.038
CIRC.	2980.000	286.449798	0.000	718787.603	4370326.525	247.742780	233.320	375.089208	174.712083	89.032	102.058511	405.008

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 2997.333 Dis= 87.429 K : 1.000000000
Distancia: 233.771 Azimut: 292.420961
BO : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 3245.845 Dis= 87.289 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	2980.000	286.449798	0.000	718787.603	4370326.525	174.712083	89.032	282.291121	112.801417	272.040	20.380456	405.008
CIRC.	3000.000	287.298624	0.000	718768.027	4370322.431	189.126770	87.467	296.705809	114.788834	253.800	22.367873	404.965
CIRC.	3020.000	288.147451	0.000	718748.397	4370318.597	203.364662	90.153	310.943701	117.017105	235.725	24.596143	404.909
CIRC.	3040.000	288.996277	0.000	718728.719	4370315.027	216.260724	96.737	323.839762	119.543055	217.860	27.122094	404.840
CIRC.	3060.000	289.845104	0.000	718708.995	4370311.718	227.223531	106.497	334.802569	122.441288	200.265	30.020327	404.758
CIRC.	3080.000	290.693930	0.000	718689.228	4370308.673	236.226842	118.649	343.805881	125.810730	183.021	33.389769	404.663
CIRC.	3100.000	291.542756	0.000	718669.422	4370305.892	243.537171	132.537	351.116210	129.783473	166.242	37.362511	404.556
CIRC.	3120.000	292.391583	0.000	718649.582	4370303.375	249.490472	147.669	357.069511	134.535963	150.086	42.115001	404.435
CIRC.	3124.610	292.587234	0.000	718645.004	4370302.833	250.703354	151.294	358.282393	135.765234	146.473	43.344272	404.405
CIRC.	3140.000	293.240409	0.000	718629.709	4370301.123	254.389386	163.697	361.968424	140.300852	134.781	47.879890	404.305
CIRC.	3160.000	294.089235	0.000	718609.808	4370299.136	258.475828	180.382	366.054867	147.372660	120.656	54.951698	404.175
CIRC.	3180.000	294.938062	0.000	718589.882	4370297.415	261.934161	197.553	369.513200	156.087811	108.175	63.666850	404.045
CIRC.	3200.000	295.786888	0.000	718569.936	4370295.959	264.902607	215.093	372.481646	166.737602	97.972	74.316641	403.915
CIRC.	3220.000	296.635714	0.000	718549.971	4370294.769	267.484664	232.914	375.063702	179.363595	90.820	86.942634	403.785
CIRC.	3240.000	297.484541	0.000	718529.993	4370293.846	269.758299	250.954	377.337337	193.475872	87.473	101.054911	403.655

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 3245.845 Dis= 87.289 K : 1.000000000
Distancia: 283.374 Azimut: 299.039331
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 3543.922 Dis= 64.862 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	3240.000	297.484541	0.000	718529.993	4370293.846	193.475872	87.473	294.436541	117.561182	303.775	18.521852	403.655
CIRC.	3260.000	298.333367	0.000	718510.004	4370293.189	207.975056	88.363	308.935725	118.919602	284.785	19.880271	403.525
CIRC.	3280.000	299.182194	0.000	718490.007	4370292.799	221.571894	93.370	322.532564	120.411263	265.853	21.371932	403.395
CIRC.	3300.000	300.031020	0.000	718470.008	4370292.676	233.399724	101.888	334.360394	122.066230	246.995	23.026899	403.265
CIRC.	3320.000	300.879846	0.000	718450.009	4370292.819	243.219999	113.125	344.180669	123.924059	228.234	24.884728	403.135
CIRC.	3340.000	301.728673	0.000	718430.013	4370293.228	251.211131	126.356	352.171800	126.037692	209.599	26.998361	403.005
CIRC.	3342.122	301.818739	0.000	718427.892	4370293.287	251.964908	127.853	352.925577	126.279728	207.631	27.240397	402.992
CIRC.	3360.000	302.577499	0.000	718410.025	4370293.905	257.700409	141.020	358.661078	128.479346	191.131	29.440015	402.891
CIRC.	3380.000	303.426325	0.000	718390.047	4370294.847	263.012336	156.711	363.973006	131.349548	172.887	32.310217	402.817
CIRC.	3400.000	304.275152	0.000	718370.084	4370296.056	267.416017	173.149	368.376686	134.791219	154.950	35.751889	402.783
CIRC.	3407.122	304.577424	0.000	718362.979	4370296.551	268.806031	179.144	369.766700	136.191554	148.659	37.152223	402.780
CIRC.	3420.000	305.123978	0.000	718350.138	4370297.531	271.119448	190.138	372.080117	139.011746	137.445	39.972415	402.789
CIRC.	3440.000	305.972804	0.000	718330.214	4370299.272	274.279167	207.539	375.239836	144.316867	120.564	45.277536	402.834
CIRC.	3460.000	306.821631	0.000	718310.315	4370301.279	277.012251	225.255	377.972920	151.158441	104.612	52.119110	402.920
CIRC.	3480.000	307.670457	0.000	718290.445	4370303.550	279.406585	243.213	380.367254	160.182511	90.088	61.143180	403.046
CIRC.	3500.000	308.519284	0.000	718270.607	4370306.086	281.528705	261.362	382.489375	172.199241	77.799	73.159910	403.212
CIRC.	3520.000	309.368110	0.000	718250.804	4370308.887	283.429528	279.660	384.390197	187.829636	68.953	88.790306	403.417
CIRC.	3540.000	310.216936	0.000	718231.040	4370311.951	285.148463	298.078	386.109132	206.538768	64.975	107.499437	403.663

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 3543.922 Dis= 64.862 K : 1.000000000
Distancia: 271.518 Azimut: 319.529515
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 3829.120 Dis= 78.113 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	3540.000	310.216936	0.000	718231.040	4370311.951	206.538768	64.975	287.009254	133.527941	291.709	13.998427	403.663
CIRC.	3560.000	311.065763	0.000	718211.319	4370315.279	225.872035	66.741	306.342521	135.168432	273.078	15.638917	403.949
CIRC.	3580.000	311.914589	0.000	718191.644	4370318.869	242.878476	73.840	323.348962	136.986473	254.549	17.456958	404.275
CIRC.	3600.000	312.763415	0.000	718172.019	4370322.721	256.274261	84.944	336.744746	139.022481	236.151	19.492967	404.641
CIRC.	3607.122	313.065688	0.000	718165.043	4370324.156	260.208099	89.600	340.678585	139.809726	229.637	20.280211	404.780
CIRC.	3620.000	313.612242	0.000	718152.446	4370326.834	266.372186	98.709	346.842672	141.329467	217.918	21.799952	405.038
CIRC.	3631.141	314.085091	0.000	718141.568	4370329.239	270.866965	107.160	351.337450	142.757288	207.851	23.227774	405.261
CIRC.	3640.000	314.461068	0.000	718132.931	4370331.208	273.981100	114.175	354.451586	143.977959	199.901	24.448444	405.435
CIRC.	3660.000	315.309894	0.000	718113.475	4370335.842	279.825003	130.737	360.295489	147.063163	182.168	27.533649	405.811
CIRC.	3680.000	316.158721	0.000	718094.083	4370340.735	284.427532	148.026	364.898018	150.715306	164.812	31.185791	406.160
CIRC.	3700.000	317.007547	0.000	718074.758	4370345.886	288.145381	165.811	368.615867	155.114248	147.972	35.584733	406.483
CIRC.	3720.000	317.856373	0.000	718055.503	4370351.294	291.219685	183.946	371.690171	160.508730	131.847	40.979216	406.780
CIRC.	3740.000	318.705200	0.000	718036.322	4370356.959	293.815451	202.334	374.285937	167.236780	116.740	47.707266	407.051
CIRC.	3760.000	319.554026	0.000	718017.218	4370362.879	296.047790	220.909	376.518276	175.730911	103.100	56.201397	407.295
CIRC.	3780.000	320.402853	0.000	717998.195	4370369.052	297.998715	239.625	378.469201	186.458428	91.589	66.928914	407.514
CIRC.	3800.000	321.251679	0.000	717979.256	4370375.479	299.727885	258.448	380.198370	199.696428	83.099	80.166913	407.706
CIRC.	3820.000	322.100505	0.000	717960.405	4370382.158	301.279548	277.353	381.750033	215.085758	78.616	95.556243	407.872

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 3829.120 Dis= 78.113 K : 1.000000000
Distancia: 228.305 Azimut: 326.207092
BO : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 4069.746 Dis= 73.124 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	3820.000	322.100505	0.000	717960.405	4370382.158	215.085758	78.616	288.878666	145.920803	254.053	19.713711	407.872
CIRC.	3840.000	322.949332	0.000	717941.644	4370389.088	231.302478	78.828	305.095386	147.863596	235.498	21.656504	408.012
CIRC.	3860.000	323.798158	0.000	717922.977	4370396.267	246.541825	83.699	320.334733	150.064981	217.089	23.857889	408.126
CIRC.	3880.000	324.646984	0.000	717904.407	4370403.694	259.560413	92.495	333.353321	152.593740	198.872	26.386649	408.214
CIRC.	3900.000	325.495811	0.000	717885.938	4370411.369	270.074936	104.226	343.867844	155.543595	180.906	29.336504	408.276
CIRC.	3920.000	326.344637	0.000	717867.573	4370419.289	278.394482	118.018	352.187390	159.044345	163.280	32.837253	408.311
CIRC.	3937.141	327.072135	0.000	717851.919	4370426.271	284.134999	130.988	357.927907	162.619405	148.537	36.412313	408.321
CIRC.	3940.000	327.193463	0.000	717849.316	4370427.453	284.989069	133.231	358.781977	163.278297	146.118	37.071205	408.321
CIRC.	3960.000	328.042290	0.000	717831.169	4370435.859	290.283792	149.428	364.076700	168.503509	129.611	42.296417	408.304
CIRC.	3980.000	328.891116	0.000	717813.135	4370444.507	294.608179	166.321	368.401087	175.082551	114.046	48.875459	408.261
CIRC.	4000.000	329.739943	0.000	717795.218	4370453.395	298.204052	183.715	371.996960	183.503150	99.868	57.296058	408.192
CIRC.	4020.000	330.588769	0.000	717777.422	4370462.521	301.246194	201.477	375.039103	194.338435	87.755	68.131343	408.096
CIRC.	4040.000	331.437595	0.000	717759.749	4370471.883	303.861231	219.515	377.654139	208.015898	78.669	81.808806	407.975
CIRC.	4060.000	332.286422	0.000	717742.202	4370481.480	306.141835	237.764	379.934743	224.261073	73.739	98.053981	407.828

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B21                   X:  717769.628  Y: 4370549.929  Z: 405.207  PK:    4069.746 Dis=  73.124  K : 1.000000000
                                                                        Distancia:   188.575  Azimut: 342.729158
BO : B22                   X:  717621.958  Y: 4370667.207  Z: 402.525  PK:    4262.411 Dis=  94.264  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	4060.000	332.286422	0.000	717742.202	4370481.480	224.261073	73.739	281.531915	163.422324	221.254	20.693166	407.828
CIRC.	4080.000	333.135248	0.000	717724.785	4370491.310	241.573272	73.805	298.844114	166.322389	203.748	23.593231	407.654
CLOT.	4085.022	333.348391	0.000	717720.432	4370493.815	245.823997	74.626	303.094838	167.118565	199.404	24.389407	407.606
CLOT.	4100.000	333.955511	0.000	717707.499	4370501.369	257.765839	78.855	315.036680	169.683185	186.599	26.954027	407.454
CLOT.	4120.000	334.677125	0.000	717690.336	4370511.638	271.359470	88.053	328.630312	173.636472	169.933	30.907314	407.228
CLOT.	4140.000	335.296881	0.000	717673.283	4370522.087	282.090576	100.288	339.361418	178.358759	153.929	35.629601	406.976
CLOT.	4160.000	335.814778	0.000	717656.323	4370532.687	290.386280	114.609	347.657122	184.077118	138.840	41.347960	406.698
CLOT.	4166.641	335.964224	0.000	717650.710	4370536.236	292.701841	119.704	349.972682	186.242701	134.089	43.513542	406.600
CLOT.	4180.000	336.230815	0.000	717639.442	4370543.412	296.815876	130.349	354.086717	191.067926	125.023	48.338767	406.399
CLOT.	4200.000	336.544993	0.000	717622.622	4370554.234	301.863619	147.069	359.134461	199.625614	112.975	56.896456	406.099
CLOT.	4220.000	336.757312	0.000	717605.848	4370565.125	305.889704	164.484	363.160546	209.964679	103.346	67.235521	405.799
CLOT.	4240.000	336.867772	0.000	717589.101	4370576.058	309.150699	182.408	366.421541	222.025653	96.890	79.296494	405.499
RECTA	4251.689	336.885168	0.000	717579.319	4370582.457	310.777042	193.069	368.047883	229.675021	94.872	86.945863	405.324
RECTA	4260.000	336.885168	0.000	717572.364	4370587.007	311.828116	200.718	369.098958	235.257474	94.295	92.528315	405.199

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B22                   X:  717621.958  Y: 4370667.207  Z: 402.525  PK:    4262.411 Dis=  94.264  K : 1.000000000
                                                                        Distancia:   135.096  Azimut: 303.032126
BO : B23                   X:  717487.015  Y: 4370673.639  Z: 405.931  PK:    4378.852 Dis=  25.763  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	4260.000	336.885168	0.000	717572.364	4370587.007	235.257474	94.295	332.225348	150.474665	121.612	47.442539	405.199
RECTA	4280.000	336.885168	0.000	717555.628	4370597.958	248.629224	95.891	345.597098	153.115850	102.154	50.083724	404.899
RECTA	4300.000	336.885168	0.000	717538.892	4370608.908	261.041246	101.482	358.009120	156.989155	82.954	53.957029	404.599
RECTA	4320.000	336.885168	0.000	717522.157	4370619.858	271.798828	110.464	368.766702	163.153908	64.244	60.121782	404.299
RECTA	4340.000	336.885168	0.000	717505.421	4370630.809	280.727424	122.089	377.695298	174.161416	46.618	71.129290	403.999
RECTA	4360.000	336.885168	0.000	717488.685	4370641.759	287.988494	135.681	384.956368	196.668816	31.924	93.636690	403.699

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B23                   X:  717487.015  Y: 4370673.639  Z: 405.931  PK:    4378.852 Dis=  25.763  K : 1.000000000
                                                                        Distancia:   157.137  Azimut: 267.949668
BO : B24                   X:  717349.375  Y: 4370597.829  Z: 411.470  PK:    4452.522 Dis=-113.034  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	4360.000	336.885168	0.000	717488.685	4370641.759	196.668816	31.924	328.719148	80.553222	146.072	12.603554	403.699
RECTA	4380.000	336.885168	0.000	717471.949	4370652.709	239.719911	25.789	371.770243	73.200508	134.299	5.250839	403.399
RECTA	4400.000	336.885168	0.000	717455.213	4370663.659	280.642165	33.331	12.692497	64.576321	124.641	396.626653	403.099
RECTA	4420.000	336.885168	0.000	717438.477	4370674.610	301.272923	48.548	33.323255	54.719955	117.620	386.770286	402.799
RECTA	4440.000	336.885168	0.000	717421.741	4370685.560	311.499796	66.354	43.550128	43.908837	113.726	375.959169	402.499

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B24                   X:  717349.375  Y: 4370597.829  Z: 411.470  PK:    4452.522 Dis=-113.034  K : 1.000000000
                                                                        Distancia:   171.415  Azimut: 323.692746
BO : B25                   X:  717189.695  Y: 4370660.161  Z: 410.467  PK:    4620.269 Dis=-148.302  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	4440.000	336.885168	0.000	717421.741	4370685.560	43.908837	113.726	120.216091	93.059414	233.432	369.366668	402.499
RECTA	4460.000	336.885168	0.000	717405.005	4370696.510	32.679420	113.281	108.986674	89.352809	218.357	365.660063	402.199
RECTA	4480.000	336.885168	0.000	717388.269	4370707.461	21.703593	116.326	98.010847	85.113394	204.130	361.420647	401.899
RECTA	4500.000	336.885168	0.000	717371.533	4370718.411	11.569502	122.601	87.876755	80.264147	190.940	356.571401	401.599
RECTA	4520.000	336.885168	0.000	717354.797	4370729.361	2.622917	131.644	78.930171	74.733061	179.018	351.040315	401.299
RECTA	4540.000	336.885168	0.000	717338.061	4370740.311	394.955579	142.931	71.262833	68.468030	168.632	344.775283	400.999
RECTA	4560.000	336.885168	0.000	717321.325	4370751.262	388.488840	155.976	64.796094	61.459019	160.081	337.766273	400.699
RECTA	4580.000	336.885168	0.000	717304.590	4370762.212	383.066527	170.375	59.373781	53.764510	153.672	330.071764	400.399
RECTA	4600.000	336.885168	0.000	717287.854	4370773.162	378.516558	185.813	54.823811	45.532479	149.681	321.839733	400.099
RECTA	4620.000	336.885168	0.000	717271.118	4370784.113	374.680907	202.054	50.988160	37.000618	148.302	313.307872	399.799

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B25 X: 717189.695 Y: 4370660.161 Z: 410.467 PK: 4620.269 Dis=-148.302 K : 1.000000000
Distancia: 257.450 Azimut: 365.127552
BO : B26 X: 717055.618 Y: 4370879.942 Z: 408.281 PK: 4852.797 Dis= -37.799 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	4620.000	336.885168	0.000	717271.118	4370784.113	37.000618	148.302	71.873066	126.637782	235.846	361.510229	399.799
RECTA	4640.000	336.885168	0.000	717254.382	4370795.063	28.464634	149.609	63.337081	125.693568	216.128	360.566016	399.499
RECTA	4654.319	336.885168	0.000	717242.399	4370802.903	22.517285	152.161	57.389732	124.904453	202.045	359.776901	399.284
RECTA	4660.000	336.885168	0.000	717237.646	4370806.013	20.221068	153.532	55.093516	124.560087	196.468	359.432535	399.200
RECTA	4680.000	336.885168	0.000	717220.910	4370816.963	12.509739	159.879	47.382187	123.175084	176.883	358.047532	398.910
RECTA	4700.000	336.885168	0.000	717204.174	4370827.914	5.481161	168.376	40.353609	121.446274	157.403	356.318722	398.634
RECTA	4720.000	336.885168	0.000	717187.438	4370838.864	399.196004	178.717	34.068452	119.231332	138.072	354.103780	398.371
RECTA	4740.000	336.885168	0.000	717170.702	4370849.814	393.645728	190.602	28.518176	116.300218	118.962	351.172666	398.122
RECTA	4760.000	336.885168	0.000	717153.966	4370860.765	388.779036	203.760	23.651484	112.259979	100.200	347.132426	397.885
RECTA	4780.000	336.885168	0.000	717137.230	4370871.715	384.524229	217.962	19.396677	106.396054	82.026	341.268502	397.662
RECTA	4800.000	336.885168	0.000	717120.494	4370882.665	380.804284	233.017	15.676732	97.329450	64.933	332.201898	397.453
RECTA	4820.000	336.885168	0.000	717103.758	4370893.615	377.545437	248.769	12.417885	82.381997	50.045	317.254444	397.257
RECTA	4840.000	336.885168	0.000	717087.022	4370904.566	374.681215	265.095	9.553663	57.667396	39.907	292.539844	397.074

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B26 X: 717055.618 Y: 4370879.942 Z: 408.281 PK: 4852.797 Dis= -37.799 K : 1.000000000
Distancia: 159.657 Azimut: 316.532389
BO : B27 X: 716901.314 Y: 4370920.939 Z: 409.931 PK: 5005.686 Dis= -87.551 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	4840.000	336.885168	0.000	717087.022	4370904.566	57.667396	39.907	141.135007	105.598403	186.429	389.066014	397.074
RECTA	4860.000	336.885168	0.000	717070.287	4370915.516	24.898081	38.479	108.365691	102.042485	169.060	385.510096	396.904
RECTA	4880.000	336.885168	0.000	717053.551	4370926.466	397.172916	46.570	80.640527	97.689649	152.337	381.157259	396.748
RECTA	4900.000	336.885168	0.000	717036.815	4370937.417	379.871124	60.472	63.338735	92.296230	136.499	375.763841	396.605
RECTA	4909.319	336.885168	0.000	717029.016	4370942.519	374.410492	67.997	57.878103	89.342633	129.513	372.810244	396.543
CLOT.	4918.890	336.885168	0.000	717021.008	4370947.759	369.958499	76.138	53.426109	85.967006	122.662	369.434617	396.481
CLOT.	4920.000	336.885011	0.000	717020.079	4370948.367	369.503364	77.104	52.970975	85.551077	121.891	369.018688	396.474
CLOT.	4940.000	336.828426	0.000	717003.339	4370959.312	362.920295	95.040	46.387906	77.097981	109.003	360.565592	396.344
CLOT.	4960.000	336.669983	0.000	716986.582	4370970.229	358.441281	113.656	41.908891	66.632894	98.489	350.100504	396.214
CLOT.	4980.000	336.409680	0.000	716969.788	4370981.090	355.203863	132.657	38.671474	54.113566	91.142	337.581177	396.084
CLOT.	5000.000	336.047518	0.000	716952.941	4370991.869	352.742582	151.889	36.210193	40.054847	87.730	323.522458	395.954

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B27 X: 716901.314 Y: 4370920.939 Z: 409.931 PK: 5005.686 Dis= -87.551 K : 1.000000000
Distancia: 188.516 Azimut: 329.679226
BO : B28 X: 716732.916 Y: 4371005.676 Z: 403.969 PK: 5205.207 Dis= -95.659 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	5000.000	336.047518	0.000	716952.941	4370991.869	40.054847	87.730	110.375621	103.989531	220.458	374.310305	395.954
CLOT.	5020.000	335.583497	0.000	716936.025	4371002.539	25.604524	88.676	95.925298	100.983084	203.134	371.303858	395.824
CLOT.	5040.000	335.017617	0.000	716919.024	4371013.072	12.089490	93.819	82.410264	97.471415	186.254	367.792189	395.694
CLOT.	5060.000	334.349877	0.000	716901.921	4371023.439	0.376690	102.502	70.697464	93.333276	169.935	363.654050	395.564
CLOT.	5080.000	333.580279	0.000	716884.702	4371033.613	390.680917	113.892	61.001691	88.412393	154.335	358.733167	395.434
CIRC.	5085.556	333.348391	0.000	716879.895	4371036.401	388.323192	117.432	58.643966	86.880842	150.156	357.201616	395.398
CIRC.	5100.000	332.735383	0.000	716867.354	4371043.565	382.800549	127.242	53.121323	82.511395	139.675	352.832169	395.304
CIRC.	5120.000	331.886557	0.000	716849.875	4371053.286	376.400626	141.992	46.721400	75.389450	126.278	345.710224	395.174
CIRC.	5140.000	331.037731	0.000	716832.268	4371062.773	371.158712	157.747	41.479486	66.793980	114.590	337.114754	395.044
CIRC.	5160.000	330.188904	0.000	716814.537	4371072.024	366.809501	174.232	37.130275	56.547959	105.185	326.868733	394.914
CIRC.	5180.000	329.340078	0.000	716796.683	4371081.037	363.148604	191.257	33.469378	44.707066	98.720	315.027840	394.784
CIRC.	5200.000	328.491252	0.000	716778.711	4371089.812	360.022393	208.685	30.343167	31.732635	95.792	302.053409	394.654

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B28 X: 716732.916 Y: 4371005.676 Z: 403.969 PK: 5205.207 Dis= -95.659 K : 1.000000000
Distancia: 147.675 Azimut: 338.744406
BO : B29 X: 716611.756 Y: 4371090.104 Z: 404.749 PK: 5357.649 Dis= -64.063 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5200.000	328.491252	0.000	716778.711	4371089.812	31.732635	95.792	92.988229	100.111269	166.955	361.366863	394.654
CIRC.	5220.000	327.642425	0.000	716760.624	4371098.347	18.495775	96.724	79.751369	96.478672	149.096	357.734266	394.524
CIRC.	5240.000	326.793599	0.000	716742.424	4371106.639	5.977649	101.410	67.233243	91.986528	131.710	353.242122	394.394
CIRC.	5260.000	325.944772	0.000	716724.115	4371114.689	394.871734	109.367	56.127328	86.286724	115.018	347.542318	394.264
CIRC.	5280.000	325.095946	0.000	716705.701	4371122.493	385.428606	119.945	46.684200	78.864070	99.372	340.119664	394.134
CIRC.	5300.000	324.247120	0.000	716687.185	4371130.051	377.568919	132.516	38.824512	68.993583	85.354	330.249177	394.004
CIRC.	5320.000	323.398293	0.000	716668.569	4371137.362	371.064304	146.566	32.319898	55.828644	73.898	317.084238	393.874
CIRC.	5340.000	322.549467	0.000	716649.857	4371144.423	365.659810	161.709	26.915404	38.940883	66.350	300.196477	393.744
CIRC.	5359.304	321.730168	0.000	716631.709	4371151.002	361.273420	177.095	22.529014	20.156338	64.084	281.411932	393.618

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
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Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B29                   X:  716611.756  Y: 4371090.104  Z: 404.749  PK:    5357.649 Dis= -64.063  K : 1.000000000
                                                                        Distancia:   209.395  Azimut: 308.775857
BO : B30                   X:  716404.347  Y: 4371118.878  Z: 408.885  PK:    5576.791 Dis= -91.602  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5340.000	322.549467	0.000	716649.857	4371144.423	38.940883	66.350	130.165026	93.399684	246.835	384.623827	393.744
CIRC.	5359.304	321.730168	0.000	716631.709	4371151.002	20.156338	64.084	111.380481	91.064216	229.620	382.288358	393.618
CIRC.	5360.000	321.700641	0.000	716631.053	4371151.235	19.465615	64.104	110.689758	90.974653	229.003	382.198795	393.614
CIRC.	5380.000	320.851814	0.000	716612.160	4371157.795	0.379611	67.693	91.603754	88.214412	211.425	379.438555	393.470
CIRC.	5400.000	320.002988	0.000	716593.181	4371164.103	384.342979	76.295	75.567122	85.034944	194.174	376.259086	393.300
CIRC.	5420.000	319.154162	0.000	716574.119	4371170.158	372.021775	88.460	63.245917	81.325653	177.348	372.549795	393.105
CIRC.	5440.000	318.305335	0.000	716554.979	4371175.957	362.802289	102.929	54.026432	76.940775	161.084	368.164918	392.884
CIRC.	5460.000	317.456509	0.000	716535.762	4371181.501	355.841778	118.863	47.065920	71.689946	145.574	362.914088	392.637
CIRC.	5480.000	316.607682	0.000	716516.474	4371186.788	350.465014	135.744	41.689156	65.331865	131.089	356.556007	392.364
CIRC.	5500.000	315.758856	0.000	716497.117	4371191.818	346.201207	153.257	37.425349	57.582326	118.010	348.806469	392.065
CIRC.	5520.000	314.910030	0.000	716477.695	4371196.589	342.733337	171.206	33.957480	48.161734	106.859	339.385877	391.741
CIRC.	5540.000	314.061203	0.000	716458.210	4371201.100	339.847396	189.464	31.071538	36.920585	98.294	328.144727	391.390
CIRC.	5560.000	313.212377	0.000	716438.667	4371205.352	337.396525	207.946	28.620668	24.052868	93.035	315.277011	391.014

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B30                   X:  716404.347  Y: 4371118.878  Z: 408.885  PK:    5576.791 Dis= -91.602  K : 1.000000000
                                                                        Distancia:   217.046  Azimut: 296.493457
BO : B31                   X:  716187.630  Y: 4371106.929  Z: 388.139  PK:    5807.770 Dis=-129.382  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5560.000	313.212377	0.000	716438.667	4371205.352	24.052868	93.035	127.559411	76.212966	269.642	379.719509	391.014
CIRC.	5580.000	312.363551	0.000	716419.070	4371209.342	10.270714	91.654	113.777257	73.478227	253.086	376.984770	390.613
CIRC.	5600.000	311.514724	0.000	716399.421	4371213.071	396.673387	94.322	100.179930	70.424001	236.899	373.930544	390.185
CIRC.	5620.000	310.665898	0.000	716379.723	4371216.537	384.276153	100.716	87.782697	66.989937	221.165	370.496481	389.731
CIRC.	5640.000	309.817072	0.000	716359.982	4371219.741	373.619328	110.189	77.125872	63.103842	205.989	366.610385	389.252
CIRC.	5660.000	308.968245	0.000	716340.199	4371222.681	364.761028	122.025	68.267571	58.681046	191.510	362.187589	388.747
CIRC.	5680.000	308.119419	0.000	716320.379	4371225.357	357.490244	135.604	60.996787	53.625824	177.898	357.132367	388.216
CIRC.	5700.000	307.270592	0.000	716300.525	4371227.769	351.516770	150.453	55.023313	47.837039	165.371	351.343582	387.659
CIRC.	5720.000	306.421766	0.000	716280.641	4371229.915	346.567580	166.230	50.074123	41.221290	154.197	344.727833	387.077
CIRC.	5723.554	306.270918	0.000	716277.104	4371230.269	345.777341	169.111	49.283884	39.953545	152.376	343.460089	386.971
CIRC.	5740.000	305.572940	0.000	716260.730	4371231.797	342.417879	182.692	45.924422	33.717211	144.691	337.223754	386.477
CIRC.	5760.000	304.724113	0.000	716240.795	4371233.412	338.892583	199.668	42.399126	25.331890	137.203	328.838433	385.877
CIRC.	5780.000	303.875287	0.000	716220.841	4371234.762	335.858239	217.034	39.364783	16.181658	132.077	319.688201	385.277
CIRC.	5800.000	303.026461	0.000	716200.871	4371235.846	333.213635	234.700	36.720178	6.515650	129.595	310.022194	384.677
CIRC.	5809.276	302.632794	0.000	716191.604	4371236.258	332.097216	242.976	35.603759	1.955682	129.390	305.462225	384.399

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B31                   X:  716187.630  Y: 4371106.929  Z: 388.139  PK:    5807.770 Dis=-129.382  K : 1.000000000
                                                                        Distancia:   198.137  Azimut: 361.432022
BO : B32                   X:  716074.805  Y: 4371269.806  Z: 392.247  PK:    5924.916 Dis=  33.245  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5800.000	303.026461	0.000	716200.871	4371235.846	6.515650	129.595	45.082728	116.752018	130.560	355.319096	384.677
CIRC.	5809.276	302.632794	0.000	716191.604	4371236.258	1.955682	129.390	40.522760	117.806286	121.522	356.373364	384.399
CIRC.	5820.000	302.177634	0.000	716180.887	4371236.663	396.694309	129.909	35.261386	119.278096	111.139	357.845174	384.083
CIRC.	5840.000	301.328808	0.000	716160.895	4371237.214	387.115206	132.999	25.682283	123.039906	92.053	361.606983	383.524
CIRC.	5860.000	300.479982	0.000	716140.897	4371237.498	378.118749	138.680	16.685826	128.945630	73.566	367.512708	383.006
CIRC.	5880.000	299.631155	0.000	716120.897	4371237.515	369.924355	146.649	8.491432	138.904247	56.278	377.471325	382.527
CIRC.	5900.000	298.782329	0.000	716100.899	4371237.266	362.620882	156.557	1.187960	156.970625	41.710	395.537703	382.089
CIRC.	5920.000	297.933502	0.000	716080.906	4371236.750	356.196533	168.058	394.763611	188.380949	33.614	26.948027	381.690

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B32                   X:  716074.805  Y: 4371269.806  Z: 392.247  PK:    5924.916 Dis=  33.245  K : 1.000000000
                                                                        Distancia:   228.973  Azimut: 299.832624
BO : B33                   X:  715845.833  Y: 4371269.204  Z: 383.815  PK:    6146.083 Dis=  57.726  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5920.000	297.933502	0.000	716080.906	4371236.750	188.380949	33.614	288.548325	108.733884	237.303	8.901261	381.690
CIRC.	5940.000	297.084676	0.000	716060.921	4371235.968	224.786634	36.576	324.954010	109.760081	217.641	9.927457	381.332
CIRC.	5960.000	296.235850	0.000	716040.949	4371234.919	249.045235	48.614	349.212611	111.073361	198.105	11.240737	381.013
CIRC.	5980.000	295.387023	0.000	716020.993	4371233.604	262.299624	64.856	362.467000	112.764954	178.741	12.932330	380.735
CIRC.	6000.000	294.538197	0.000	716001.055	4371232.023	269.859421	82.865	370.026797	114.967105	159.613	15.134481	380.496
CIRC.	6020.000	293.689371	0.000	715981.141	4371230.177	274.518648	101.703	374.686024	117.877036	140.824	18.044412	380.298
CIRC.	6040.000	292.840544	0.000	715961.253	4371228.065	277.574252	120.981	377.741628	121.797398	122.532	21.964774	380.139
CIRC.	6044.276	292.659085	0.000	715957.005	4371227.579	278.087851	125.140	378.255227	122.807720	118.709	22.975096	380.110
CIRC.	6060.000	291.991718	0.000	715941.395	4371225.688	279.668013	140.516	379.835389	127.203548	105.003	27.370924	380.008
CIRC.	6080.000	291.142892	0.000	715921.570	4371223.046	281.144957	160.211	381.312333	134.844464	88.694	35.011840	379.878
CIRC.	6100.000	290.294065	0.000	715901.782	4371220.141	282.204662	180.010	382.372038	145.831298	74.415	45.998674	379.748
CIRC.	6120.000	289.445239	0.000	715882.035	4371216.972	282.969785	199.879	383.137161	161.415713	63.552	61.583089	379.618
CIRC.	6140.000	288.596412	0.000	715862.332	4371213.540	283.519562	219.797	383.686938	181.655634	58.058	81.823010	379.488

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B33 X: 715845.833 Y: 4371269.204 Z: 383.815 PK: 6146.083 Dis= 57.726 K : 1.000000000
Distancia: 227.155 Azimut: 279.305618
BO : B34 X: 715630.574 Y: 4371196.657 Z: 380.099 PK: 6365.730 Dis= 42.047 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	6140.000	288.596412	0.000	715862.332	4371213.540	181.655634	58.058	302.350016	95.370646	232.372	16.065028	379.488
CIRC.	6160.000	287.747586	0.000	715842.676	4371209.845	203.382288	59.443	324.076670	96.046693	212.512	16.741075	379.358
CIRC.	6180.000	286.898760	0.000	715823.072	4371205.889	221.970138	67.282	342.664520	96.949196	192.719	17.643578	379.228
CIRC.	6200.000	286.049933	0.000	715803.522	4371201.672	235.631799	79.692	356.326181	98.154626	173.020	18.849008	379.098
CIRC.	6220.000	285.201107	0.000	715784.029	4371197.194	245.153726	94.895	365.848108	99.777190	153.456	20.471573	378.968
CIRC.	6240.000	284.352281	0.000	715764.599	4371192.457	251.807811	111.755	372.502193	101.994347	134.090	22.688729	378.838
CIRC.	6260.000	283.503454	0.000	715745.233	4371187.461	256.560482	129.624	377.254864	105.094817	115.027	25.789199	378.708
CIRC.	6280.000	282.654628	0.000	715725.935	4371182.208	260.039879	148.134	380.734261	109.573261	96.450	30.267643	378.578
CIRC.	6300.000	281.805802	0.000	715706.709	4371176.698	262.643512	167.071	383.337894	116.322141	78.708	37.016523	378.448
CIRC.	6320.000	280.956975	0.000	715687.559	4371170.931	264.626464	186.301	385.320846	126.996249	62.523	47.690631	378.318
CLOT.	6326.062	280.699696	0.000	715681.770	4371169.133	265.132046	192.174	385.826428	131.403620	58.125	52.098002	378.279
CLOT.	6340.000	280.132884	0.000	715668.486	4371164.912	266.157343	205.739	386.851725	144.378056	49.448	65.072438	378.188
CLOT.	6360.000	279.405973	0.000	715649.489	4371158.660	267.355708	225.324	388.050090	170.595578	42.444	91.289960	378.058

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B34 X: 715630.574 Y: 4371196.657 Z: 380.099 PK: 6365.730 Dis= 42.047 K : 1.000000000
Distancia: 214.872 Azimut: 279.834527
BO : B35 X: 715426.392 Y: 4371129.727 Z: 376.751 PK: 6579.819 Dis= 49.240 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	6360.000	279.405973	0.000	715649.489	4371158.660	170.595578	42.444	290.761052	91.789480	224.965	11.954953	378.058
CLOT.	6380.000	278.780921	0.000	715630.558	4371152.207	200.022503	44.450	320.187976	93.018407	205.400	13.183880	377.928
CLOT.	6400.000	278.257728	0.000	715611.687	4371145.584	222.549540	54.453	342.715013	94.565273	185.972	14.730746	377.798
CLOT.	6420.000	277.836394	0.000	715592.865	4371138.821	236.782106	69.043	356.947580	96.525938	166.721	16.691411	377.668
CLOT.	6440.000	277.516920	0.000	715574.083	4371131.948	245.689739	85.898	365.855212	99.042799	147.708	19.208272	377.538
CLOT.	6460.000	277.299305	0.000	715555.330	4371124.996	251.552193	103.908	371.717666	102.334888	129.025	22.500361	377.408
CLOT.	6480.000	277.183549	0.000	715536.596	4371117.995	255.633153	122.555	375.798626	106.751913	110.826	26.917387	377.278
CLOT.	6492.729	277.162920	0.000	715524.677	4371113.527	257.631084	134.628	377.796558	110.399449	99.611	30.564922	377.195
CLOT.	6500.000	277.169652	0.000	715517.868	4371110.975	258.618718	141.577	378.784192	112.872051	93.379	33.037524	377.148
CLOT.	6520.000	277.257614	0.000	715499.137	4371103.966	260.897772	160.834	381.063245	121.667512	77.171	41.832986	377.018
CLOT.	6540.000	277.447435	0.000	715480.390	4371096.997	262.702688	180.242	382.868161	134.690238	63.143	54.855711	376.888
CLOT.	6560.000	277.739116	0.000	715461.617	4371090.100	264.179342	199.752	384.344815	153.739681	53.020	73.905154	376.758

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B35 X: 715426.392 Y: 4371129.727 Z: 376.751 PK: 6579.819 Dis= 49.240 K : 1.000000000
Distancia: 195.999 Azimut: 290.300118
BO : B36 X: 715232.664 Y: 4371099.979 Z: 373.101 PK: 6781.917 Dis= 75.671 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	6560.000	277.739116	0.000	715461.617	4371090.100	153.739681	53.020	263.439563	102.745214	229.166	12.445096	376.758
CLOT.	6580.000	278.132655	0.000	715442.807	4371083.304	178.362897	49.240	288.062778	105.041112	210.804	14.740993	376.628
CLOT.	6600.000	278.628054	0.000	715423.950	4371076.639	202.926062	53.144	312.625944	107.729538	192.705	17.429420	376.498
CLOT.	6620.000	279.225312	0.000	715405.037	4371070.136	221.906476	63.301	331.606358	110.913466	174.937	20.613348	376.368
CLOT.	6640.000	279.924430	0.000	715386.058	4371063.827	234.964768	77.263	344.664650	114.735056	157.597	24.434937	376.238
CIRC.	6659.395	280.699696	0.000	715367.584	4371057.921	243.685666	92.814	353.385547	119.237096	141.323	28.936977	376.112
CIRC.	6660.000	280.725359	0.000	715367.007	4371057.741	243.912285	93.320	353.612167	119.392598	140.826	29.092480	376.108
CIRC.	6680.000	281.574186	0.000	715347.877	4371051.905	250.282142	110.548	359.982023	125.165233	124.841	34.865114	375.978
CIRC.	6688.802	281.947774	0.000	715339.434	4371049.418	252.529277	118.369	362.229158	128.155623	118.136	37.855505	375.921
CIRC.	6700.000	282.423012	0.000	715328.672	4371046.325	255.022236	128.472	364.722118	132.442891	109.983	42.142773	375.854
CIRC.	6720.000	283.271838	0.000	715309.394	4371041.001	258.694687	146.836	368.394568	141.719320	96.777	51.419201	375.767
CIRC.	6740.000	284.120665	0.000	715290.046	4371035.935	261.640154	165.491	371.340035	153.489149	85.990	63.189030	375.719
CIRC.	6753.802	284.706459	0.000	715276.655	4371032.590	263.364136	178.485	373.064018	163.182026	80.477	72.881907	375.710
CIRC.	6760.000	284.969491	0.000	715270.633	4371031.128	264.072475	184.344	373.772356	167.916842	78.626	77.616723	375.712
CIRC.	6780.000	285.818318	0.000	715251.157	4371026.579	266.130961	203.339	375.830842	184.287625	75.694	93.987506	375.744

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B36 X: 715232.664 Y: 4371099.979 Z: 373.101 PK: 6781.917 Dis= 75.671 K : 1.000000000
Distancia: 261.922 Azimut: 300.753007
BO : B37 X: 714970.760 Y: 4371103.077 Z: 380.839 PK: 7059.002 Dis= 112.625 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	6780.000	285.818318	0.000	715251.157	4371026.579	184.287625	75.694	283.534617	116.955623	290.645	16.202616	375.744
CIRC.	6800.000	286.667144	0.000	715231.622	4371022.291	200.853724	77.695	300.100717	119.119107	273.085	18.366100	375.816
CIRC.	6820.000	287.515970	0.000	715212.032	4371018.263	215.744634	84.280	314.991626	121.519981	255.745	20.766974	375.929
CIRC.	6840.000	288.364797	0.000	715192.390	4371014.497	228.030129	94.494	327.277122	124.205907	238.676	23.452900	376.081
CIRC.	6860.000	289.213623	0.000	715172.699	4371010.993	237.749808	107.304	336.996801	127.236438	221.943	26.483430	376.273
CIRC.	6880.000	290.062449	0.000	715152.964	4371007.753	245.369865	121.893	344.616858	130.686034	205.633	29.933026	376.506
CIRC.	6900.000	290.911276	0.000	715133.187	4371004.775	251.397123	137.693	350.644115	134.647379	189.857	33.894372	376.778
CIRC.	6920.000	291.760102	0.000	715113.372	4371002.061	256.244550	154.332	355.491543	139.234299	174.764	38.481292	377.091
CIRC.	6923.802	291.921483	0.000	715109.601	4371001.575	257.059519	157.568	356.306511	140.188022	171.986	39.435015	377.155
CIRC.	6930.603	292.210126	0.000	715102.852	4371000.730	258.444274	163.406	357.691267	141.965536	167.103	41.212528	377.270
CIRC.	6940.000	292.608928	0.000	715093.523	4370999.612	260.217785	171.563	359.464778	144.582523	160.548	43.829516	377.427
CIRC.	6960.000	293.457755	0.000	715073.642	4370997.428	263.536183	189.221	362.783176	150.844524	147.467	50.091517	377.745
CIRC.	6980.000	294.306581	0.000	715053.735	4370995.509	266.356635	207.195	365.603628	158.171578	135.852	57.418571	378.040
CIRC.	7000.000	295.155408	0.000	715033.803	4370993.856	268.792307	225.406	368.039300	166.673442	126.110	65.920435	378.312
CIRC.	7020.000	296.004234	0.000	715013.852	4370992.468	270.925935	243.798	370.172928	176.349715	118.706	75.596708	378.562
CIRC.	7040.000	296.853060	0.000	714993.883	4370991.347	272.818934	262.330	372.065927	187.008090	114.098	86.255083	378.788

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B37 X: 714970.760 Y: 4371103.077 Z: 380.839 PK: 7059.002 Dis= 112.625 K : 1.000000000
Distancia: 223.179 Azimut: 314.413897
BO : B38 X: 714753.277 Y: 4371153.177 Z: 374.716 PK: 7300.069 Dis= 153.331 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	7040.000	296.853060	0.000	714993.883	4370991.347	187.008090	114.098	272.594193	137.693895	289.966	23.279998	378.788
CIRC.	7060.000	297.701887	0.000	714973.902	4370990.492	198.223889	112.629	283.809992	140.449415	274.120	26.035518	378.992
CIRC.	7080.000	298.550713	0.000	714953.911	4370989.903	209.408903	114.421	294.995006	143.487085	258.674	29.073188	379.172
CIRC.	7100.000	299.399539	0.000	714933.913	4370989.581	219.984576	119.327	305.570679	146.851092	243.707	32.437195	379.330
CIRC.	7120.000	300.248366	0.000	714913.914	4370989.526	229.548494	126.986	315.134597	150.591760	229.316	36.177863	379.465
CIRC.	7140.000	301.097192	0.000	714893.915	4370989.737	237.930606	136.935	323.516709	154.764896	215.619	40.350999	379.577
CIRC.	7160.000	301.946018	0.000	714873.921	4370990.215	245.145257	148.713	330.731360	159.429705	202.760	45.015808	379.666
CIRC.	7180.000	302.794845	0.000	714853.935	4370990.960	251.308976	161.921	336.895079	164.644330	190.909	50.230433	379.733
CIRC.	7200.000	303.643671	0.000	714833.960	4370991.971	256.574525	176.235	342.160628	170.457907	180.270	56.044010	379.776
CIRC.	7220.000	304.492497	0.000	714814.001	4370993.248	261.093232	191.405	346.679336	176.898265	171.070	62.484368	379.797
CIRC.	7228.103	304.836418	0.000	714805.920	4370993.841	262.742725	197.749	348.328828	179.685603	167.807	65.271706	379.799
CIRC.	7240.000	305.341324	0.000	714794.061	4370994.791	264.998732	207.240	350.584835	183.955667	163.553	69.541770	379.795
CIRC.	7260.000	306.190150	0.000	714774.143	4370996.600	268.402646	223.597	353.988749	191.565754	157.961	77.151857	379.770
CIRC.	7280.000	307.038977	0.000	714754.251	4370998.674	271.395694	240.366	356.981797	199.598540	154.506	85.184643	379.722
CIRC.	7300.000	307.887803	0.000	714734.389	4371001.013	274.050700	257.465	359.636803	207.862221	153.331	93.448324	379.651

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B38 X: 714753.277 Y: 4371153.177 Z: 374.716 PK: 7300.069 Dis= 153.331 K : 1.000000000
Distancia: 218.771 Azimut: 315.688565
BO : B39 X: 714541.115 Y: 4371206.546 Z: 375.817 PK: 7536.337 Dis= 164.793 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	7300.000	307.887803	0.000	714734.389	4371001.013	207.862221	153.331	292.173656	151.956272	282.132	36.267707	379.651
CIRC.	7320.000	308.736629	0.000	714714.559	4371003.617	216.126715	154.490	300.438150	154.977020	266.951	39.288456	379.558
CIRC.	7340.000	309.585456	0.000	714694.766	4371006.485	224.161801	157.930	308.473236	158.305472	252.256	42.616908	379.441
CIRC.	7360.000	310.434282	0.000	714675.013	4371009.617	231.775309	163.507	316.086745	161.985587	238.138	46.297022	379.302
CIRC.	7380.000	311.283108	0.000	714655.303	4371013.012	238.836795	171.012	323.148230	166.065217	224.710	50.376652	379.140
CLOT.	7385.606	311.521043	0.000	714649.787	4371014.011	240.706832	173.429	325.018267	167.287256	221.087	51.598692	379.090
CLOT.	7400.000	312.105556	0.000	714635.640	4371016.667	245.281123	180.203	329.592558	170.594433	212.106	54.905868	378.955
CLOT.	7420.000	312.830145	0.000	714616.023	4371020.562	251.094144	190.854	335.405579	175.624519	200.503	59.935955	378.747
CLOT.	7440.000	313.452876	0.000	714596.448	4371024.664	256.296740	202.758	340.608176	181.198710	190.113	65.510145	378.516
CLOT.	7460.000	313.973748	0.000	714576.911	4371028.941	260.931463	215.730	345.242898	187.338540	181.176	71.649975	378.263
CLOT.	7480.000	314.392760	0.000	714557.406	4371033.363	265.050974	229.610	349.362409	194.028934	173.948	78.340369	377.986
CLOT.	7500.000	314.709913	0.000	714537.927	4371037.897	268.710268	244.264	353.021703	201.203262	168.679	85.514698	377.687
CLOT.	7520.000	314.925207	0.000	714518.467	4371042.513	271.962088	259.581	356.273523	208.734587	165.589	93.046023	377.365

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B39 X: 714541.115 Y: 4371206.546 Z: 375.817 PK: 7536.337 Dis= 164.793 K : 1.000000000
Distancia: 202.779 Azimut: 264.036957
BO : B40 X: 714369.840 Y: 4371097.991 Z: 374.247 PK: 7676.595 Dis= 20.964 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	7520.000	314.925207	0.000	714518.467	4371042.513	208.734587	165.589	344.697631	122.743472	158.644	58.706515	377.365
CLOT.	7540.000	315.038642	0.000	714499.019	4371047.179	216.440542	164.833	352.403585	123.857821	138.813	59.820864	377.020
CLOT.	7552.273	315.057820	0.000	714487.087	4371050.054	221.163086	165.556	357.126129	124.708376	126.669	60.671419	376.797
CLOT.	7560.000	315.047046	0.000	714479.575	4371051.864	224.105493	166.474	360.068536	125.332678	119.036	61.295721	376.652
CLOT.	7580.000	314.919093	0.000	714460.128	4371056.531	231.514422	170.480	367.477466	127.404918	99.352	63.367961	376.261
CLOT.	7600.000	314.646782	0.000	714440.665	4371061.138	238.485709	176.731	374.448752	130.544386	79.840	66.507429	375.847
CLOT.	7620.000	314.230112	0.000	714421.178	4371065.638	244.892796	185.040	380.855839	135.798357	60.682	71.761401	375.411
CLOT.	7640.000	313.669085	0.000	714401.657	4371069.989	250.669097	195.182	386.632140	145.944497	42.384	81.907540	374.952
CLOT.	7660.000	312.963699	0.000	714382.094	4371074.146	255.799352	206.923	391.762395	169.778539	26.809	105.741582	374.469

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B40 X: 714369.840 Y: 4371097.991 Z: 374.247 PK: 7676.595 Dis= 20.964 K : 1.000000000
Distancia: 242.850 Azimut: 308.687443
BO : B41 X: 714129.248 Y: 4371131.028 Z: 371.017 PK: 7914.768 Dis= 30.290 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	7660.000	312.963699	0.000	714382.094	4371074.146	169.778539	26.809	261.091096	114.087264	259.166	5.399821	374.469
CLOT.	7680.000	312.113955	0.000	714362.482	4371078.064	222.518579	21.243	313.831136	114.215728	239.172	5.528285	373.964
CIRC.	7693.393	311.464229	0.000	714349.318	4371080.531	255.120360	26.945	346.432916	114.359311	225.789	5.671868	373.613
CIRC.	7700.000	311.127730	0.000	714342.815	4371081.697	265.459204	31.557	356.771761	114.451614	219.190	5.764171	373.436
CIRC.	7718.103	310.205730	0.000	714324.965	4371084.716	281.689544	46.797	373.002101	114.792098	201.122	6.104655	372.939
CIRC.	7720.000	310.109139	0.000	714323.093	4371085.017	282.765769	48.514	374.078326	114.836179	199.230	6.148736	372.886
CIRC.	7740.000	309.090547	0.000	714303.320	4371088.022	290.529572	67.263	381.842129	115.419591	179.306	6.732147	372.326
CIRC.	7760.000	308.071956	0.000	714283.501	4371090.709	294.643583	86.645	385.956140	116.275777	159.436	7.588334	371.766
CIRC.	7780.000	307.053364	0.000	714263.643	4371093.080	297.057920	106.311	388.370477	117.519807	139.649	8.832364	371.206
CIRC.	7800.000	306.034772	0.000	714243.748	4371095.132	298.556738	126.124	389.869295	119.340350	119.995	10.652906	370.646
CIRC.	7820.000	305.016181	0.000	714223.824	4371096.866	299.509346	146.021	390.821903	122.067318	100.557	13.379875	370.086
CIRC.	7840.000	303.997589	0.000	714203.874	4371098.280	300.110966	165.966	391.423523	126.325567	81.495	17.638124	369.526
CIRC.	7860.000	302.978997	0.000	714183.904	4371099.376	300.474063	185.941	391.786620	133.417607	63.160	24.730164	368.966
CIRC.	7873.570	302.287903	0.000	714170.346	4371099.937	300.620909	199.503	391.933466	141.230848	51.534	32.543405	368.586
CIRC.	7880.000	301.960406	0.000	714163.920	4371100.151	300.667845	205.932	391.980402	146.318438	46.427	37.630995	368.408
CIRC.	7900.000	300.941814	0.000	714143.925	4371100.607	300.737179	225.930	392.049736	171.382584	33.776	62.695141	367.881

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B41 X: 714129.248 Y: 4371131.028 Z: 371.017 PK: 7914.768 Dis= 30.290 K : 1.000000000
Distancia: 172.232 Azimut: 265.982450
BO : B42 X: 713981.025 Y: 4371043.314 Z: 367.739 PK: 8069.121 Dis= -48.719 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	7900.000	300.941814	0.000	714143.925	4371100.607	171.382584	33.776	305.400134	78.469839	172.682	12.487389	367.881
CIRC.	7920.000	299.923222	0.000	714123.926	4371100.743	211.074934	30.749	345.092484	75.673075	154.009	9.690625	367.394
CIRC.	7940.000	298.904631	0.000	714103.927	4371100.559	244.142402	39.617	378.159952	72.249944	135.580	6.267495	366.947
CIRC.	7960.000	297.886039	0.000	714083.933	4371100.055	261.829873	54.889	395.847424	67.920959	117.514	1.938509	366.539
CIRC.	7980.000	296.867448	0.000	714063.950	4371099.231	271.151023	72.628	5.168573	62.231200	100.017	396.248751	366.172
CIRC.	8000.000	295.848856	0.000	714043.983	4371098.087	276.529770	91.406	10.547320	54.418806	83.450	388.436356	365.845
CIRC.	8020.000	294.830264	0.000	714024.037	4371096.625	279.880605	110.693	13.898155	43.219277	68.499	377.236827	365.558
CIRC.	8040.000	293.811673	0.000	714004.117	4371094.843	282.079249	130.258	16.096799	26.820943	56.467	360.838493	365.311
CIRC.	8060.000	292.793081	0.000	713984.228	4371092.743	283.568158	149.989	17.585708	4.119224	49.532	338.136774	365.104

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B42 X: 713981.025 Y: 4371043.314 Z: 367.739 PK: 8069.121 Dis= -48.719 K : 1.000000000
Distancia: 248.435 Azimut: 272.418929
BO : B43 X: 713755.543 Y: 4370939.017 Z: 362.504 PK: 8328.039 Dis=-100.584 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	8060.000	292.793081	0.000	713984.228	4371092.743	4.119224	49.532	131.700296	62.322606	275.551	389.903678	365.104
CIRC.	8080.000	291.774489	0.000	713964.375	4371090.325	378.329703	49.872	105.910774	60.083392	257.885	387.664464	364.937
CIRC.	8088.570	291.338043	0.000	713955.880	4371089.191	368.081670	52.316	95.662742	59.049469	250.374	386.630540	364.877
CIRC.	8100.000	290.755898	0.000	713944.563	4371087.589	356.141416	57.357	83.722487	57.591327	240.421	385.172398	364.803
CIRC.	8120.000	289.737306	0.000	713924.797	4371084.537	340.274167	69.720	67.855238	54.791129	223.211	382.372201	364.673
CIRC.	8140.000	288.718714	0.000	713905.083	4371081.169	329.438919	84.854	57.019990	51.612130	206.324	379.193201	364.543
CIRC.	8160.000	287.700123	0.000	713885.425	4371077.486	321.854897	101.523	49.435969	47.963656	189.850	375.544728	364.413
CIRC.	8180.000	286.681531	0.000	713865.829	4371073.489	316.309532	119.082	43.890603	43.729547	173.913	371.310619	364.283
CIRC.	8200.000	285.662940	0.000	713846.299	4371069.179	312.075095	137.186	39.656167	38.762614	158.678	366.343685	364.153
CIRC.	8220.000	284.644348	0.000	713826.841	4371064.557	308.716327	155.641	36.297398	32.881639	144.374	360.462711	364.023
CIRC.	8240.000	283.625756	0.000	713807.459	4371059.625	305.964981	174.331	33.546053	25.877337	131.307	353.458408	363.893
CIRC.	8260.000	282.607165	0.000	713788.158	4371054.382	303.649486	193.184	31.230558	17.540316	119.887	345.121387	363.763
CIRC.	8280.000	281.588573	0.000	713768.944	4371048.832	301.656059	212.153	29.237130	7.730635	110.630	335.311706	363.633
CIRC.	8300.000	280.569981	0.000	713749.821	4371042.975	299.906722	231.204	27.487793	396.499555	104.116	324.080627	363.503
CIRC.	8302.336	280.451028	0.000	713747.594	4371042.271	299.715639	233.433	27.296710	395.108683	103.560	322.689754	363.488
CIRC.	8320.000	279.551390	0.000	713730.794	4371036.813	298.346457	250.315	25.927529	384.220700	100.879	311.801771	363.363

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B43 X: 713755.543 Y: 4370939.017 Z: 362.504 PK: 8328.039 Dis=-100.584 K : 1.000000000
Distancia: 214.393 Azimut: 315.437673
BO : B44 X: 713547.423 Y: 4370990.498 Z: 362.667 PK: 8505.168 Dis= 27.942 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	8320.000	279.551390	0.000	713730.794	4371036.813	384.220700	100.879	68.783027	84.249950	189.130	368.812278	363.363
CIRC.	8340.000	278.532798	0.000	713711.869	4371030.347	371.603007	101.236	56.165335	84.864835	169.205	369.427162	363.199
CIRC.	8360.000	277.514206	0.000	713693.049	4371023.580	359.482709	105.149	44.045036	85.779329	149.336	370.341656	363.009
CIRC.	8380.000	276.495615	0.000	713674.339	4371016.512	348.512395	112.247	33.074722	87.129679	129.555	371.692006	362.794
CIRC.	8400.000	275.477023	0.000	713655.746	4371009.145	338.995487	121.973	23.557815	89.147273	109.916	373.709600	362.555
CIRC.	8420.000	274.458432	0.000	713637.272	4371001.482	330.934396	133.753	15.496724	92.255611	90.518	376.817938	362.290
CIRC.	8422.336	274.339478	0.000	713635.123	4371000.568	330.081344	135.239	14.643671	92.721904	88.276	377.284232	362.258
CIRC.	8440.000	273.439840	0.000	713618.924	4370993.525	324.167507	147.092	8.729834	97.306709	71.565	381.869036	362.010
CIRC.	8460.000	272.421248	0.000	713600.705	4370985.275	318.481566	161.600	3.043894	106.221097	53.537	390.783424	361.730
CIRC.	8480.000	271.402657	0.000	713582.620	4370976.734	313.671530	176.988	398.233857	123.731157	37.793	8.293485	361.450
CIRC.	8500.000	270.384065	0.000	713564.675	4370967.905	309.562800	193.042	394.125127	158.483310	28.426	43.045638	361.170

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B44 X: 713547.423 Y: 4370990.498 Z: 362.667 PK: 8505.168 Dis= 27.942 K : 1.000000000
Distancia: 153.005 Azimut: 286.962820
BO : B45 X: 713397.615 Y: 4370959.383 Z: 357.404 PK: 8644.654 Dis= 76.198 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	8500.000	270.384065	0.000	713564.675	4370967.905	158.483310	28.426	271.520490	96.755167	167.277	9.792347	361.170
CIRC.	8520.000	269.365473	0.000	713546.872	4370958.791	201.105205	31.712	314.142385	100.252668	149.259	13.289848	360.890
CIRC.	8534.719	268.615833	0.000	713533.865	4370951.901	221.505111	40.909	334.542291	103.492307	136.456	16.529487	360.684
CIRC.	8540.000	268.346882	0.000	713529.219	4370949.392	226.541144	44.957	339.578324	104.823700	131.982	17.860880	360.611
CIRC.	8560.000	267.328290	0.000	713511.717	4370939.713	239.011032	62.081	352.048212	110.868065	115.785	23.905245	360.346
CIRC.	8580.000	266.309698	0.000	713494.373	4370929.754	245.702183	80.648	358.739363	118.917144	101.193	31.954324	360.102
CIRC.	8600.000	265.291107	0.000	713477.190	4370919.519	249.663732	99.853	362.700912	129.565228	89.002	42.602408	359.877
CIRC.	8620.000	264.272515	0.000	713460.174	4370909.011	252.173299	119.384	365.210479	143.156378	80.318	56.193558	359.672
CIRC.	8640.000	263.253924	0.000	713443.327	4370898.232	253.830689	139.100	366.867869	159.134109	76.348	72.171289	359.487

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tram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B45                  X:  713397.615  Y: 4370959.383  Z: 357.404  PK:    8644.654 Dis=  76.198  K : 1.000000000
                                                                        Distancia:   298.484  Azimut: 243.094376
 BO : B46                  X:  713210.645  Y: 4370726.714  Z: 358.635  PK:    8927.332 Dis=  16.555  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	8640.000	263.253924	0.000	713443.327	4370898.232	159.134109	76.348	316.039732	59.560887	289.067	16.466511	359.487
CIRC.	8660.000	262.235332	0.000	713426.655	4370887.185	175.653767	77.820	332.559390	59.324361	269.094	16.229984	359.323
CIRC.	8680.000	261.216740	0.000	713410.163	4370875.872	190.505746	84.448	347.411370	59.131587	249.109	16.037211	359.178
CIRC.	8700.000	260.198149	0.000	713393.853	4370864.297	202.517568	95.160	359.423191	58.994043	229.116	15.899666	359.053
CIRC.	8720.000	259.179557	0.000	713377.730	4370852.463	211.705925	108.754	368.611549	58.927593	209.118	15.833217	358.949
CIRC.	8740.000	258.160965	0.000	713361.799	4370840.372	218.609880	124.284	375.515503	58.954807	189.118	15.860430	358.864
CIRC.	8760.000	257.142374	0.000	713346.064	4370828.027	223.808756	141.109	380.714380	59.108900	169.123	16.014523	358.799
CIRC.	8780.000	256.123782	0.000	713330.527	4370815.433	227.764166	158.816	384.669789	59.440826	149.140	16.346450	358.754
CIRC.	8800.000	255.105190	0.000	713315.195	4370802.591	230.810487	177.135	387.716111	60.032866	129.182	16.938490	358.730
CIRC.	8814.719	254.355550	0.000	713304.043	4370792.985	232.611914	190.903	389.517538	60.713608	114.521	17.619232	358.724
CIRC.	8820.000	254.086599	0.000	713300.070	4370789.506	233.183342	195.891	390.088965	61.026843	109.269	17.932467	358.725
CIRC.	8840.000	253.068007	0.000	713285.156	4370776.181	235.048720	214.965	391.954344	62.689106	89.436	19.594730	358.740
CIRC.	8860.000	252.049416	0.000	713270.457	4370762.619	236.524876	234.276	393.430500	65.582143	69.761	22.487766	358.776
CIRC.	8880.000	251.030824	0.000	713255.977	4370748.823	237.697383	253.765	394.603007	71.112253	50.436	28.017877	358.831
CIRC.	8900.000	250.012232	0.000	713241.720	4370734.797	238.629232	273.390	395.534856	83.799117	32.109	40.704741	358.906
CIRC.	8914.719	249.262592	0.000	713231.371	4370724.330	239.189237	287.901	396.094861	107.290222	20.863	64.195846	358.974
CIRC.	8920.000	248.993641	0.000	713227.688	4370720.545	239.367570	293.119	396.273194	122.108248	18.125	79.013872	359.001

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B46                  X:  713210.645  Y: 4370726.714  Z: 358.635  PK:    8927.332 Dis=  16.555  K : 1.000000000
                                                                        Distancia:   197.142  Azimut: 201.827356
 BO : B47                  X:  713204.987  Y: 4370529.653  Z: 359.989  PK:    9087.601 Dis=-106.261  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	8920.000	248.993641	0.000	713227.688	4370720.545	122.108248	18.125	320.280893	7.535470	192.237	5.708115	359.001
CIRC.	8940.000	247.975049	0.000	713213.887	4370706.071	190.082668	20.896	388.255312	3.208973	176.642	1.381618	359.101
CIRC.	8960.000	246.956457	0.000	713200.319	4370691.377	218.098802	36.815	16.271446	398.163032	161.791	396.335676	359.201
CIRC.	8980.000	245.937866	0.000	713186.988	4370676.468	228.013602	55.536	26.186246	392.234034	147.914	390.406679	359.301
CIRC.	9000.000	244.919274	0.000	713173.897	4370661.348	232.604587	74.987	30.777231	385.241219	135.315	383.413863	359.401
CIRC.	9020.000	243.900683	0.000	713161.050	4370646.020	235.083718	94.716	33.256363	377.016442	124.386	375.189086	359.501
CIRC.	9040.000	242.882091	0.000	713148.449	4370630.489	236.529880	114.575	34.702525	367.467934	115.605	365.640578	359.601
CIRC.	9060.000	241.863499	0.000	713136.099	4370614.758	237.397491	134.504	35.570135	356.679696	109.492	354.852341	359.701
CIRC.	9080.000	240.844908	0.000	713124.002	4370598.832	237.909457	154.470	36.082101	345.004977	106.510	343.177622	359.801

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B47                  X:  713204.987  Y: 4370529.653  Z: 359.989  PK:    9087.601 Dis=-106.261  K : 1.000000000
                                                                        Distancia:   305.589  Azimut: 233.411624
 BO : B48                  X:  713051.867  Y: 4370265.193  Z: 361.446  PK:    9394.297 Dis=-125.329  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	9080.000	240.844908	0.000	713124.002	4370598.832	345.004977	106.510	111.593353	13.555497	341.348	380.143873	359.801
CIRC.	9100.000	239.826316	0.000	713112.161	4370582.714	333.058895	106.921	99.647271	11.946576	323.195	378.534952	359.901
CLOT.	9100.790	239.786104	0.000	713111.699	4370582.074	332.591798	107.007	99.180174	11.880521	322.480	378.468897	359.905
CLOT.	9120.000	238.874317	0.000	713100.574	4370566.412	321.550022	110.694	88.138398	10.205857	305.132	376.794233	360.001
CLOT.	9140.000	238.066564	0.000	713089.214	4370549.952	311.049902	117.539	77.638278	8.302072	287.198	374.890448	360.101
CLOT.	9160.000	237.403169	0.000	713078.045	4370533.362	301.859457	126.997	68.447833	6.194788	269.443	372.783164	360.201
CLOT.	9180.000	236.884132	0.000	713067.030	4370516.668	294.025743	138.567	60.614119	3.833816	251.932	370.422192	360.301
CLOT.	9200.000	236.509454	0.000	713056.132	4370499.898	287.440058	151.800	54.028434	1.156726	234.744	367.745102	360.401
CLOT.	9220.000	236.279133	0.000	713045.314	4370483.076	281.931080	166.327	48.519456	398.085979	217.982	364.674355	360.501
CLOT.	9240.000	236.193171	0.000	713034.538	4370466.228	277.321466	181.867	43.909842	394.526041	201.780	361.114417	360.601
CLOT.	9241.910	236.192513	0.000	713033.510	4370464.618	276.922396	183.395	43.510772	394.156512	200.268	360.744888	360.610
CLOT.	9260.000	236.234182	0.000	713023.767	4370449.376	273.452679	198.204	40.041055	390.361835	186.314	356.950211	360.701
CLOT.	9270.199	236.294407	0.000	713018.267	4370440.787	271.720820	206.788	38.309196	387.963893	178.780	354.552269	360.752
CLOT.	9280.000	236.377245	0.000	713012.972	4370432.539	270.190509	215.176	36.778885	385.461740	171.807	352.050116	360.798
CLOT.	9300.000	236.622168	0.000	713002.126	4370415.736	267.426154	232.658	34.014530	379.684214	158.548	346.272590	360.874
CLOT.	9320.000	236.968950	0.000	712991.201	4370398.983	265.073274	250.557	31.661650	372.898422	146.902	339.486798	360.926
CLOT.	9340.000	237.417591	0.000	712980.172	4370382.299	263.063662	268.803	29.652038	365.026874	137.310	331.615250	360.953
CLOT.	9352.699	237.755315	0.000	712973.104	4370371.750	261.940781	280.541	28.529157	359.477048	132.507	326.065424	360.958
CLOT.	9360.000	237.968091	0.000	712969.013	4370365.702	261.343373	287.339	27.931749	356.110733	130.257	322.699109	360.956
CLOT.	9380.000	238.620450	0.000	712957.697	4370349.211	259.869544	306.124	26.457920	346.376896	126.202	312.965272	360.935

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B48                  X:  713051.867  Y: 4370265.193  Z: 361.446  PK:    9394.297 Dis=-125.329  K : 1.000000000
                                                                        Distancia:   211.037  Azimut: 258.907533
 BO : B49                  X:  712883.288  Y: 4370138.237  Z: 360.572  PK:    9586.391 Dis= -73.684  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	9380.000	238.620450	0.000	712957.697	4370349.211	346.376896	126.202	87.469363	21.586004	223.711	362.678471	360.935
CLOT.	9400.000	239.374669	0.000	712946.200	4370332.846	336.254777	125.469	77.347244	19.905135	204.525	360.997601	360.890
CIRC.	9408.576	239.729290	0.000	712941.208	4370325.872	331.931086	126.204	73.023553	19.060686	196.372	360.153153	360.863
CIRC.	9420.000	240.214130	0.000	712934.497	4370316.627	326.293642	128.145	67.386109	17.796508	185.595	358.888974	360.821
CIRC.	9440.000	241.062956	0.000	712922.580	4370300.566	317.001833	134.039	58.094300	15.118750	167.017	356.211217	360.727
CIRC.	9459.949	241.909602	0.000	712910.481	4370284.705	308.730704	142.726	49.823171	11.686347	148.971	352.778814	360.609
CIRC.	9460.000	241.911783	0.000	712910.450	4370284.665	308.710831	142.752	49.803298	11.676306	148.926	352.768773	360.609
CIRC.	9480.000	242.760609	0.000	712898.108	4370268.927	301.545586	153.804	42.638053	7.188638	131.527	348.281104	360.479
CIRC.	9500.000	243.609436	0.000	712885.558	4370253.355	295.475963	166.730	36.568430	1.255353	115.140	342.347820	360.349
CIRC.	9520.000	244.458262	0.000	712872.802	4370237.951	290.388600	181.126	31.481067	393.329616	100.264	334.422083	360.219
CIRC.	9540.000	245.307088	0.000	712859.841	4370222.719	286.141916	196.667	27.234383	382.765134	87.676	323.857600	360.089
CIRC.	9560.000	246.155915	0.000	712846.678	4370207.662	282.597124	213.102	23.689590	369.106502	78.486	310.198969	359.959
CIRC.	9580.000	247.004741	0.000	712833.316	4370192.781	279.631627	230.235	20.724093	352.782757	73.975	293.875224	359.829

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B49                   X:  712883.288  Y: 4370138.237  Z: 360.572  PK:    9586.391 Dis= -73.684  K : 1.000000000
                                                                        Distancia:   169.222  Azimut: 173.618753
BO : B50                   X:  712951.423  Y: 4369983.338  Z: 366.172  PK:    9645.403 Dis=-229.963  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	9580.000	247.004741	0.000	712833.316	4370192.781	352.782757	73.975	179.164005	367.312037	240.449	393.693285	359.829
CIRC.	9600.000	247.853567	0.000	712819.756	4370178.079	335.658615	74.991	162.039863	362.152139	235.075	388.533386	359.699
CIRC.	9620.000	248.702394	0.000	712806.002	4370163.560	320.157131	81.329	146.538379	356.777689	231.576	383.158936	359.569
CIRC.	9640.000	249.551220	0.000	712792.055	4370149.225	307.630760	91.892	134.012007	351.275854	230.036	377.657101	359.439

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B50                   X:  712951.423  Y: 4369983.338  Z: 366.172  PK:    9645.403 Dis=-229.963  K : 1.000000000
                                                                        Distancia:   200.713  Azimut: 282.549660
BO : B51                   X:  712758.203  Y: 4369929.007  Z: 362.758  PK:    9805.451 Dis=-140.480  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	9640.000	249.551220	0.000	712792.055	4370149.225	351.275854	230.036	68.726194	9.710172	222.805	327.160512	359.439
CIRC.	9660.000	250.400046	0.000	712777.919	4370135.078	345.746203	230.497	63.196542	6.072289	207.012	323.522629	359.309
CIRC.	9680.000	251.248873	0.000	712763.595	4370121.120	340.291115	232.945	57.741455	1.786169	192.189	319.236509	359.179
CIRC.	9700.000	252.097699	0.000	712749.086	4370107.355	335.005517	237.319	52.455856	396.748381	178.580	314.198721	359.049
CIRC.	9720.000	252.946526	0.000	712734.395	4370093.784	329.968388	243.515	47.418728	390.864807	166.488	308.315147	358.919
CIRC.	9740.000	253.795352	0.000	712719.524	4370080.410	325.237770	251.396	42.688110	384.076819	156.266	301.527158	358.789
CIRC.	9760.000	254.644178	0.000	712704.476	4370067.236	320.849659	260.809	38.299999	376.399902	148.303	293.850242	358.659
CIRC.	9780.000	255.493005	0.000	712689.254	4370054.263	316.820036	271.593	34.270376	367.965483	142.979	285.415823	358.529
CIRC.	9800.000	256.341831	0.000	712673.861	4370041.495	313.148713	283.590	30.599053	359.042012	140.596	276.492352	358.399

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B51                   X:  712758.203  Y: 4369929.007  Z: 362.758  PK:    9805.451 Dis=-140.480  K : 1.000000000
                                                                        Distancia:   239.103  Azimut: 280.455802
BO : B52                   X:  712530.279  Y: 4369856.750  Z: 358.001  PK:   10018.899 Dis= -68.726  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	9800.000	256.341831	0.000	712673.861	4370041.495	359.042012	140.596	78.586210	42.059957	233.979	361.604155	358.399
CIRC.	9820.000	257.190657	0.000	712658.298	4370028.933	350.006741	141.302	69.550939	40.701189	214.560	360.245387	358.269
CIRC.	9840.000	258.039484	0.000	712642.570	4370016.580	341.264136	145.052	60.808334	38.989491	195.332	358.533689	358.139
CIRC.	9860.000	258.888310	0.000	712626.678	4370004.437	333.149282	151.620	52.693480	36.814930	176.364	356.359128	358.009
CIRC.	9880.000	259.737136	0.000	712610.625	4369992.507	325.868293	160.659	45.412491	34.020750	157.752	353.564948	357.879
CIRC.	9900.000	260.585963	0.000	712594.415	4369980.793	319.495274	171.779	39.039472	30.379165	139.643	349.923363	357.749
CIRC.	9920.000	261.434789	0.000	712578.051	4369969.295	314.006619	184.602	33.550817	25.555050	122.265	345.099248	357.619
CIRC.	9940.000	262.283616	0.000	712561.534	4369958.017	309.323451	198.797	28.867649	19.058091	105.981	338.602289	357.489
CIRC.	9960.000	263.132442	0.000	712544.869	4369946.960	305.344958	214.089	24.889156	10.207570	91.383	329.751768	357.359
CIRC.	9980.000	263.981268	0.000	712528.057	4369936.127	301.968788	230.256	21.512986	398.218500	79.408	317.762699	357.229
CIRC.	10000.000	264.830095	0.000	712511.103	4369925.518	299.101179	247.125	18.645377	382.687424	71.392	302.231622	357.099

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B52                   X:  712530.279  Y: 4369856.750  Z: 358.001  PK:   10018.899 Dis= -68.726  K : 1.000000000
                                                                        Distancia:   197.958  Azimut: 283.751243
BO : B53                   X:  712338.734  Y: 4369806.771  Z: 354.808  PK:   10206.262 Dis= -25.023  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	10000.000	264.830095	0.000	712511.103	4369925.518	382.687424	71.392	98.936182	61.596166	209.313	377.844923	357.099
CIRC.	10020.000	265.678921	0.000	712494.008	4369915.136	364.612018	68.735	80.860776	61.209968	189.349	377.458725	356.969
CIRC.	10040.000	266.527747	0.000	712476.777	4369904.984	346.706351	72.034	62.955108	60.632857	169.416	376.881614	356.839
CIRC.	10060.000	267.376574	0.000	712459.412	4369895.061	331.551333	80.560	47.800091	59.788989	149.527	376.037746	356.709
CIRC.	10080.000	268.225400	0.000	712441.916	4369885.372	319.941965	92.882	36.190723	58.556808	129.710	374.805566	356.579
CIRC.	10100.000	269.074226	0.000	712424.293	4369875.916	311.389302	107.705	27.638060	56.729261	110.006	372.978019	356.449
CIRC.	10120.000	269.923053	0.000	712406.545	4369866.696	305.106464	124.133	21.355222	53.925149	90.495	370.173906	356.319
CIRC.	10140.000	270.771879	0.000	712388.676	4369857.714	300.433371	141.607	16.682129	49.368211	71.340	365.616968	356.189
CIRC.	10160.000	271.620706	0.000	712370.688	4369848.971	296.899217	159.780	13.147974	41.259555	52.933	357.508313	356.059
CIRC.	10180.000	272.469532	0.000	712352.586	4369840.468	294.182895	178.438	10.431652	24.829031	36.433	341.077789	355.929
CIRC.	10200.000	273.318358	0.000	712334.372	4369832.207	292.065976	197.439	8.314734	389.187120	25.808	305.435878	355.799

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B53 X: 712338.734 Y: 4369806.771 Z: 354.808 PK: 10206.262 Dis= -25.023 K : 1.000000000
Distancia: 183.887 Azimut: 309.678266
BO : B54 X: 712156.968 Y: 4369834.619 Z: 352.894 PK: 10368.755 Dis= 65.328 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	10200.000	273.318358	0.000	712334.372	4369832.207	389.187120	25.808	79.508855	100.865363	177.420	391.187097	355.799
CIRC.	10220.000	274.167185	0.000	712316.049	4369824.190	341.688781	28.602	32.010515	104.167422	159.422	394.489156	355.669
CIRC.	10240.000	275.016011	0.000	712297.621	4369816.418	314.673158	42.230	4.994892	108.192385	141.826	398.514119	355.539
CIRC.	10260.000	275.864837	0.000	712279.091	4369808.893	302.263821	59.681	392.585555	113.217654	124.803	3.539388	355.409
CIRC.	10271.903	276.370007	0.000	712268.016	4369804.532	297.984645	70.753	388.306379	116.844245	115.052	7.165980	355.332
CIRC.	10280.000	276.713664	0.000	712260.462	4369801.615	295.812378	78.441	386.134112	119.652605	108.629	9.974339	355.282
CIRC.	10300.000	277.562490	0.000	712241.738	4369794.586	292.044246	97.758	382.365980	128.087891	93.748	18.409625	355.183
CIRC.	10320.000	278.411316	0.000	712222.922	4369787.807	289.667418	117.354	379.989153	139.295009	80.878	29.616744	355.120
CIRC.	10340.000	279.260143	0.000	712204.017	4369781.280	288.094848	137.107	378.416582	153.983123	71.124	44.304857	355.091
CIRC.	10346.653	279.542496	0.000	712197.710	4369779.165	287.693618	143.701	378.015353	159.661453	68.812	49.983187	355.089
CIRC.	10360.000	280.108969	0.000	712185.027	4369775.006	287.026236	156.955	377.347970	171.993419	65.887	62.315153	355.097
CLOT.	10364.288	280.290958	0.000	712180.945	4369773.694	286.845022	161.219	377.166756	176.131102	65.474	66.452836	355.102

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B54 X: 712156.968 Y: 4369834.619 Z: 352.894 PK: 10368.755 Dis= 65.328 K : 1.000000000
Distancia: 216.168 Azimut: 268.209825
BO : B55 X: 711967.196 Y: 4369731.104 Z: 353.459 PK: 10581.932 Dis= 15.580 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	10360.000	280.108969	0.000	712185.027	4369775.006	171.993419	65.887	303.783594	87.339109	222.211	19.129285	355.097
CLOT.	10364.288	280.290958	0.000	712180.945	4369773.694	176.131102	65.474	307.921277	87.479272	217.951	19.269448	355.102
CLOT.	10380.000	280.926364	0.000	712165.956	4369768.983	191.336258	66.249	323.126433	88.011357	202.337	19.801532	355.137
CLOT.	10400.000	281.644240	0.000	712146.813	4369763.190	208.990304	72.147	340.780479	88.746334	182.461	20.536510	355.212
CLOT.	10404.153	281.780528	0.000	712142.831	4369762.014	212.242750	73.969	344.032926	88.909790	178.334	20.699965	355.233
CLOT.	10420.000	282.260257	0.000	712127.611	4369757.599	223.183146	82.426	354.973321	89.579473	162.588	21.369648	355.312
CLOT.	10440.000	282.774415	0.000	712108.360	4369752.178	233.915621	95.704	365.705796	90.565893	142.728	22.356068	355.412
CLOT.	10460.000	283.186714	0.000	712089.069	4369746.897	241.933911	110.930	373.724086	91.796143	122.892	23.586318	355.512
CLOT.	10480.000	283.497153	0.000	712069.750	4369741.726	247.994816	127.421	379.784991	93.429840	103.102	25.220015	355.612
CLOT.	10500.000	283.705734	0.000	712050.409	4369736.633	252.666830	144.762	384.457005	95.776041	83.396	27.566217	355.712
CLOT.	10520.000	283.812455	0.000	712031.055	4369731.589	256.341828	162.694	388.132003	99.516728	63.861	31.306904	355.812
RECTA	10530.955	283.827735	0.000	712020.453	4369728.835	258.031510	172.704	389.821685	102.710792	53.305	34.500968	355.867
RECTA	10540.000	283.827735	0.000	712011.697	4369726.562	259.285385	181.052	391.075560	106.475553	44.733	38.265728	355.912
RECTA	10560.000	283.827735	0.000	711992.339	4369721.536	261.683130	199.726	393.473306	123.149610	26.902	54.939786	356.012
RECTA	10580.000	283.827735	0.000	711972.981	4369716.509	263.668567	218.634	395.458742	175.974448	15.699	107.764623	356.112

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 1 (Derecha): TRONCO SECCIÓN AUTOVÍA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B55 X: 711967.196 Y: 4369731.104 Z: 353.459 PK: 10581.932 Dis= 15.580 K : 1.000000000
Distancia: 180.590 Azimut: 280.507348
BO : B56 X: 711795.005 Y: 4369676.669 Z: 357.363 PK: 10762.277 Dis= 6.165 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	10580.000	283.827735	0.000	711972.981	4369716.509	175.974448	15.699	295.467100	85.980262	182.381	5.472914	356.112
RECTA	10600.000	283.827735	0.000	711953.623	4369711.483	238.526581	23.858	358.019233	86.245313	162.394	5.737964	356.212
RECTA	10607.212	283.827735	0.000	711946.642	4369709.671	248.666417	29.696	368.159069	86.357641	155.187	5.850293	356.248
RECTA	10620.000	283.827735	0.000	711934.265	4369706.457	259.096881	41.133	378.589532	86.584756	142.410	6.077407	356.306
RECTA	10640.000	283.827735	0.000	711914.907	4369701.431	267.139778	60.122	386.632429	87.034995	122.432	6.527646	356.377
RECTA	10660.000	283.827735	0.000	711895.549	4369696.405	271.287408	79.608	390.780060	87.660777	102.462	7.153429	356.422
RECTA	10680.000	283.827735	0.000	711876.191	4369691.378	273.797549	99.298	393.290200	88.589389	82.507	8.082041	356.441
RECTA	10684.712	283.827735	0.000	711871.630	4369690.194	274.250340	103.955	393.742992	88.877495	77.809	8.370146	356.442
RECTA	10700.000	283.827735	0.000	711856.832	4369686.352	275.475229	119.092	394.967881	90.109870	62.581	9.602522	356.434
RECTA	10720.000	283.827735	0.000	711837.474	4369681.326	276.674133	138.945	396.166785	93.046951	42.724	12.539603	356.401
RECTA	10740.000	283.827735	0.000	711818.116	4369676.300	277.573032	158.834	397.065683	101.017041	23.114	20.509693	356.343
RECTA	10760.000	283.827735	0.000	711798.758	4369671.274	278.271753	178.749	397.764405	161.308840	6.572	80.801492	356.259
RECTA	10780.000	283.827735	0.000	711779.400	4369666.247	278.830340	198.680	398.322991	262.515138	18.765	182.007790	356.149
RECTA	10800.000	283.827735	0.000	711760.042	4369661.221	279.287042	218.624	398.779694	273.514095	38.224	193.006747	356.013
RECTA	10820.000	283.827735	0.000	711740.684	4369656.195	279.667369	238.578	399.160021	277.053656	58.052	196.546307	355.851
RECTA	10840.000	283.827735	0.000	711721.325	4369651.169	279.988979	258.538	399.481631	278.788260	77.968	198.280912	355.664
RECTA	10860.000	283.827735	0.000	711701.967	4369646.143	280.264482	278.504	399.757134	279.816559	97.918	199.309211	355.450
RECTA	10880.000	283.827735	0.000	711682.609	4369641.116	280.503122	298.475	399.995773	280.496647	117.885	199.989299	355.211
RECTA	10900.000	283.827735	0.000	711663.251	4369636.090	280.711827	318.450	0.204479	280.979683	137.861	200.472335	354.946
RECTA	10920.000	283.827735	0.000	711643.893	4369631.064	280.895894	338.427	0.388546	281.340434	157.844	200.833086	354.656
RECTA	10940.000	283.827735	0.000	711624.535	4369626.038	281.059441	358.407	0.552092	281.620103	177.830	201.112754	354.339
RECTA	10960.000	283.827735	0.000	711605.177	4369621.012	281.205715	378.389	0.698366	281.843255	197.819	201.335907	353.997
RECTA	10980.000	283.827735	0.000	711585.819	4369615.985	281.337314	398.373	0.829966	282.025446	217.811	201.518098	353.629
RECTA	11000.000	283.827735	0.000	711566.460	4369610.959	281.456341	418.358	0.948992	282.177004	237.803	201.669656	353.235
RECTA	11020.000	283.827735	0.000	711547.102	4369605.933	281.564513	438.345	1.057165	282.305054	257.797	201.797706	352.815
RECTA	11025.712	283.827735	0.000	711541.573	4369604.497	281.593621	444.054	1.086272	282.338060	263.508	201.830711	352.691
RECTA	11040.000	283.827735	0.000	711527.744	4369600.907	281.663251	458.333	1.155903	282.414671	277.792	201.907323	352.376
RECTA	11060.000	283.827735	0.000	711508.386	4369595.881	281.753737	478.322	1.246389	282.509568	297.787	202.002220	351.936
RECTA	11079.762	283.827735	0.000	711489.258	4369590.914	281.836012	498.074	1.328664	282.591596	317.545	202.084248	351.501

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B22 X: 717621.958 Y: 4370667.207 Z: 402.525 PK: 0.000 Dis= 94.264 K : 1.000000000
Distancia: 135.096 Azimut: 303.032126
BO : B23 X: 717487.015 Y: 4370673.639 Z: 405.931 PK: 116.263 Dis= 25.763 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	336.885168	0.000	717570.198	4370588.425	237.005621	94.264	333.973495	150.767877	119.083	47.735751	405.161
RECTA	20.000	336.885168	0.000	717553.462	4370599.375	250.310177	96.400	347.278051	153.532983	99.651	50.500858	404.861
RECTA	40.000	336.885168	0.000	717536.726	4370610.325	262.535460	102.470	359.503334	157.625070	80.497	54.592944	404.561
RECTA	60.000	336.885168	0.000	717519.990	4370621.276	273.056559	111.835	370.024433	164.222074	61.881	61.189949	404.261
RECTA	80.000	336.885168	0.000	717503.254	4370632.226	281.755798	123.751	378.723672	176.209454	44.483	73.177328	403.961
RECTA	100.000	336.885168	0.000	717486.518	4370643.176	288.820974	137.555	385.788848	201.038084	30.467	98.005958	403.661

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B23 X: 717487.015 Y: 4370673.639 Z: 405.931 PK: 116.263 Dis= 25.763 K : 1.000000000
Distancia: 157.137 Azimut: 267.949668
BO : B24 X: 717349.375 Y: 4370597.829 Z: 411.470 PK: 189.933 Dis=-113.034 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	100.000	336.885168	0.000	717486.518	4370643.176	201.038084	30.467	333.088415	79.670215	144.446	11.720547	403.661
RECTA	120.000	336.885168	0.000	717469.782	4370654.127	246.055396	26.033	378.105727	72.156786	132.919	4.207118	403.361
RECTA	140.000	336.885168	0.000	717453.046	4370665.077	284.280822	35.031	16.331154	63.366645	123.572	395.416977	403.061
RECTA	160.000	336.885168	0.000	717436.310	4370676.027	302.996239	50.761	35.046571	53.365242	116.930	385.415573	402.761
RECTA	180.000	336.885168	0.000	717419.575	4370686.977	312.430706	68.747	44.481037	42.464994	113.470	374.515326	402.461

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B24 X: 717349.375 Y: 4370597.829 Z: 411.470 PK: 189.933 Dis=-113.034 K : 1.000000000
Distancia: 171.415 Azimut: 323.692746
BO : B25 X: 717189.695 Y: 4370660.161 Z: 410.467 PK: 357.680 Dis=-148.302 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	180.000	336.885168	0.000	717419.575	4370686.977	42.464994	113.470	118.772248	92.606967	231.438	368.914221	402.461
RECTA	200.000	336.885168	0.000	717402.839	4370697.928	31.230064	113.482	107.537318	88.835663	216.464	365.142917	402.161
RECTA	220.000	336.885168	0.000	717386.103	4370708.878	20.334219	116.965	96.641473	84.521646	202.359	360.828900	401.861
RECTA	240.000	336.885168	0.000	717369.367	4370719.828	10.340239	123.626	86.647492	79.587949	189.320	355.895203	401.561
RECTA	260.000	336.885168	0.000	717352.631	4370730.779	1.558712	132.989	77.865966	73.964147	177.581	350.271401	401.261
RECTA	280.000	336.885168	0.000	717335.895	4370741.729	394.053689	144.530	70.360943	67.602185	167.415	343.909439	400.961
RECTA	300.000	336.885168	0.000	717319.159	4370752.679	387.731746	157.771	64.038999	60.499396	159.124	336.806650	400.661
RECTA	320.000	336.885168	0.000	717302.423	4370763.629	382.431944	172.320	58.739198	52.724944	153.014	329.032197	400.361
RECTA	340.000	336.885168	0.000	717285.687	4370774.580	377.982876	187.875	54.290130	44.439020	149.352	320.746273	400.061

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B25 X: 717189.695 Y: 4370660.161 Z: 410.467 PK: 357.680 Dis=-148.302 K : 1.000000000
Distancia: 257.450 Azimut: 365.127552
BO : B26 X: 717055.618 Y: 4370879.942 Z: 408.281 PK: 590.208 Dis= -37.799 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	340.000	336.885168	0.000	717285.687	4370774.580	44.439020	149.352	79.311468	127.339829	253.047	362.212277	400.061
RECTA	360.000	336.885168	0.000	717268.951	4370785.530	35.889315	148.320	70.761763	126.524549	233.291	361.396997	399.761
RECTA	380.000	336.885168	0.000	717252.215	4370796.480	27.375173	149.972	62.247620	125.558602	213.580	360.431050	399.461
RECTA	391.813	336.885168	0.000	717242.330	4370802.948	22.483764	152.179	57.356212	124.899605	201.964	359.772053	399.284
RECTA	400.000	336.885168	0.000	717235.479	4370807.431	19.188705	154.222	54.061153	124.396569	193.928	359.269017	399.162
RECTA	420.000	336.885168	0.000	717218.743	4370818.381	11.559300	160.864	46.431748	122.973072	174.355	357.845520	398.875
RECTA	440.000	336.885168	0.000	717202.007	4370829.331	4.625266	169.618	39.497714	121.190735	154.891	356.063183	398.600
RECTA	460.000	336.885168	0.000	717185.272	4370840.281	398.436885	180.175	33.309333	118.898531	135.584	353.770979	398.339
RECTA	480.000	336.885168	0.000	717168.536	4370851.232	392.978615	192.239	27.851063	115.850722	116.510	350.723170	398.091
RECTA	500.000	336.885168	0.000	717151.800	4370862.182	388.195403	205.545	23.067851	111.624265	97.808	346.496713	397.856
RECTA	520.000	336.885168	0.000	717135.064	4370873.132	384.014166	219.867	18.886614	105.443473	79.737	340.315921	397.635
RECTA	540.000	336.885168	0.000	717118.328	4370884.083	380.357937	235.019	15.230385	95.802624	62.846	330.675071	397.427
RECTA	560.000	336.885168	0.000	717101.592	4370895.033	377.153742	250.852	12.026190	79.808483	48.387	314.680931	397.233
RECTA	580.000	336.885168	0.000	717084.856	4370905.983	374.336190	267.245	9.208637	53.677504	39.154	288.549952	397.052

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B26 X: 717055.618 Y: 4370879.942 Z: 408.281 PK: 590.208 Dis= -37.799 K : 1.000000000
Distancia: 159.657 Azimut: 316.532389
BO : B27 X: 716901.314 Y: 4370920.939 Z: 409.931 PK: 743.097 Dis= -87.551 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	580.000	336.885168	0.000	717084.856	4370905.983	53.677504	39.154	137.145114	105.176028	184.150	388.643639	397.052
RECTA	600.000	336.885168	0.000	717068.120	4370916.933	20.748663	39.047	104.216274	101.528431	166.854	384.996042	396.884
RECTA	620.000	336.885168	0.000	717051.384	4370927.884	394.392393	48.128	77.860004	97.056036	150.231	380.523647	396.729
RECTA	640.000	336.885168	0.000	717034.648	4370938.834	378.222915	62.514	61.690526	91.506562	134.530	374.974173	396.588
RECTA	646.813	336.885168	0.000	717028.947	4370942.564	374.367746	68.065	57.835357	89.315169	129.452	372.782780	396.543
CLOT.	656.301	336.885168	0.000	717021.008	4370947.759	369.958499	76.138	53.426110	85.967006	122.662	369.434617	396.481
CLOT.	660.000	336.883425	0.000	717017.912	4370949.784	368.485264	79.370	51.952874	84.560630	120.113	368.028241	396.457
CLOT.	680.000	336.813655	0.000	717001.172	4370960.727	362.245948	97.420	45.713559	75.861347	107.492	359.328958	396.327
CLOT.	700.000	336.642026	0.000	716984.410	4370971.638	357.964892	116.098	41.432502	65.123799	97.342	348.591410	396.197
CLOT.	720.000	336.368537	0.000	716967.611	4370982.491	354.848625	135.135	38.316235	52.361565	90.465	335.829176	396.067
CLOT.	740.000	335.993190	0.000	716950.756	4370993.257	352.465380	154.391	35.932990	38.176921	87.604	321.644532	395.937

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                          * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
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Compensaciones:           Z : Esfericidad y Refraccion  :NO
                          D : Reduccion al nivel del mar:NO
                          D : Paso de la cuerda al arco :NO
                          D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B27                X:  716901.314  Y: 4370920.939  Z: 409.931  PK:     743.097 Dis= -87.551  K : 1.000000000
                                                                     Distancia:   188.516  Azimut: 329.679226
BO : B28                X:  716732.916  Y: 4371005.676  Z: 403.969  PK:     942.618 Dis= -95.659  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	740.000	335.993190	0.000	716950.756	4370993.257	38.176921	87.604	108.497695	103.625296	218.194	373.946070	395.937
CLOT.	760.000	335.515983	0.000	716933.830	4371003.911	23.777283	89.116	94.098057	100.559232	200.921	370.880006	395.807
CLOT.	780.000	334.936917	0.000	716916.816	4371014.424	10.461191	94.761	80.781965	96.973970	184.108	367.294744	395.677
CLOT.	800.000	334.255992	0.000	716899.698	4371024.768	399.009449	103.841	69.330223	92.744131	167.872	363.064905	395.547
CLOT.	820.000	333.473208	0.000	716882.463	4371034.914	389.565242	115.524	59.886016	87.708423	152.379	358.029197	395.417
CIRC.	822.967	333.348391	0.000	716879.895	4371036.401	388.323193	117.432	58.643967	86.880842	150.156	357.201616	395.398
CIRC.	840.000	332.625503	0.000	716865.099	4371044.837	381.895936	129.082	52.216710	81.663744	137.862	351.984518	395.287
CIRC.	860.000	331.776676	0.000	716847.603	4371054.527	375.663072	143.981	45.983846	74.364815	124.658	344.685589	395.157
CIRC.	880.000	330.927850	0.000	716829.980	4371063.983	370.550315	159.844	40.871089	65.562574	113.231	335.883348	395.027
CIRC.	900.000	330.079024	0.000	716812.232	4371073.204	366.300524	176.409	36.621298	55.099832	104.169	325.420606	394.897
CIRC.	920.000	329.230197	0.000	716794.363	4371082.187	362.716562	193.492	33.037336	43.076327	98.131	313.397101	394.767
CIRC.	940.000	328.381371	0.000	716776.376	4371090.931	359.650472	210.966	29.971246	30.012341	95.693	300.333115	394.637

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                          * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                          ==========================================
Compensaciones:           Z : Esfericidad y Refraccion  :NO
                          D : Reduccion al nivel del mar:NO
                          D : Paso de la cuerda al arco :NO
                          D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B28                X:  716732.916  Y: 4371005.676  Z: 403.969  PK:     942.618 Dis= -95.659  K : 1.000000000
                                                                     Distancia:   147.675  Azimut: 338.744406
BO : B29                X:  716611.756  Y: 4371090.104  Z: 404.749  PK:    1095.061 Dis= -64.063  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	940.000	328.381371	0.000	716776.376	4371090.931	30.012341	95.693	91.267935	99.680353	164.622	360.935947	394.637
CIRC.	960.000	327.532545	0.000	716758.274	4371099.434	16.815886	97.127	78.071480	95.951652	146.815	357.207246	394.507
CIRC.	980.000	326.683718	0.000	716740.060	4371107.695	4.450803	102.269	65.706397	91.325760	129.504	352.581354	394.377
CIRC.	1000.000	325.834892	0.000	716721.738	4371115.713	393.554848	110.603	54.810442	85.436159	112.924	346.691753	394.247
CIRC.	1020.000	324.986065	0.000	716703.310	4371123.485	384.325994	121.472	45.581588	77.741985	97.450	338.997579	394.117
CIRC.	1040.000	324.137239	0.000	716684.780	4371131.011	376.656032	134.261	37.911626	67.492110	83.702	328.747704	393.987
CIRC.	1060.000	323.288413	0.000	716666.152	4371138.290	370.307915	148.472	31.563509	53.849157	72.669	315.104751	393.857
CIRC.	1080.000	322.439586	0.000	716647.428	4371145.319	365.028365	163.733	26.283959	36.516188	65.736	297.771782	393.727
CIRC.	1096.726	321.729726	0.000	716631.699	4371151.006	361.271244	177.104	22.526838	20.146008	64.084	281.401602	393.618

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                          * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                          ==========================================
Compensaciones:           Z : Esfericidad y Refraccion  :NO
                          D : Reduccion al nivel del mar:NO
                          D : Paso de la cuerda al arco :NO
                          D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B29                X:  716611.756  Y: 4371090.104  Z: 404.749  PK:    1095.061 Dis= -64.063  K : 1.000000000
                                                                     Distancia:   209.395  Azimut: 308.775857
BO : B30                X:  716404.347  Y: 4371118.878  Z: 408.885  PK:    1314.202 Dis= -91.602  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1080.000	322.439586	0.000	716647.428	4371145.319	36.516188	65.736	127.740330	93.102230	244.515	384.326373	393.727
CIRC.	1096.726	321.729726	0.000	716631.699	4371151.006	20.146008	64.084	111.370150	91.062880	229.611	382.287022	393.618
CIRC.	1100.000	321.590760	0.000	716628.612	4371152.099	16.900932	64.245	108.125074	90.637789	226.712	381.861931	393.597
CIRC.	1120.000	320.741934	0.000	716609.708	4371158.626	398.097428	68.553	89.321570	87.828502	209.172	379.052644	393.450
CIRC.	1140.000	319.893107	0.000	716590.718	4371164.901	382.544691	77.700	73.768833	84.587333	191.969	375.811476	393.277
CIRC.	1160.000	319.044281	0.000	716571.646	4371170.923	370.672025	90.225	61.896168	80.799654	175.207	372.023797	393.078
CIRC.	1180.000	318.195455	0.000	716552.495	4371176.689	361.790479	104.923	53.014621	76.314452	159.028	367.538595	392.853
CIRC.	1200.000	317.346628	0.000	716533.270	4371182.200	355.068362	121.003	46.292505	70.934975	143.634	362.159118	392.603
CIRC.	1220.000	316.497802	0.000	716513.972	4371187.454	349.858361	137.981	41.082503	64.413403	129.307	355.637545	392.327
CIRC.	1240.000	315.648975	0.000	716494.606	4371192.450	345.712822	155.559	36.936965	56.462202	116.446	347.686345	392.025
CIRC.	1260.000	314.800149	0.000	716475.176	4371197.187	342.330624	173.554	33.554767	46.809469	105.589	338.033612	391.697
CIRC.	1280.000	313.951323	0.000	716455.684	4371201.665	339.508159	191.845	30.732301	35.336855	97.412	326.560997	391.344
CIRC.	1300.000	313.102496	0.000	716436.134	4371205.883	337.105347	210.352	28.329490	22.299287	92.630	313.523429	390.964

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                          * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                          ==========================================
Compensaciones:           Z : Esfericidad y Refraccion  :NO
                          D : Reduccion al nivel del mar:NO
                          D : Paso de la cuerda al arco :NO
                          D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B30                X:  716404.347  Y: 4371118.878  Z: 408.885  PK:    1314.202 Dis= -91.602  K : 1.000000000
                                                                     Distancia:   217.046  Azimut: 296.493457
BO : B31                X:  716187.630  Y: 4371106.929  Z: 388.139  PK:    1545.180 Dis=-129.382  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1300.000	313.102496	0.000	716436.134	4371205.883	22.299287	92.630	125.805830	75.875107	267.481	379.381650	390.964
CIRC.	1320.000	312.253670	0.000	716416.529	4371209.840	8.475446	91.774	111.981989	73.102030	250.969	376.608573	390.559
CIRC.	1340.000	311.404844	0.000	716396.873	4371213.534	394.983949	94.951	98.490492	70.002273	234.835	373.508816	390.128
CIRC.	1360.000	310.556017	0.000	716377.170	4371216.967	382.793286	101.784	86.299829	66.514026	219.166	370.020569	389.671
CIRC.	1380.000	309.707191	0.000	716357.423	4371220.136	372.374076	111.602	75.880619	62.563486	204.073	366.070029	389.189
CIRC.	1400.000	308.858365	0.000	716337.636	4371223.042	363.736332	123.696	67.242875	58.064411	189.694	361.570954	388.680
CIRC.	1420.000	308.009538	0.000	716317.811	4371225.684	356.650066	137.463	60.156609	52.919935	176.210	356.426478	388.146
CIRC.	1440.000	307.160712	0.000	716297.953	4371228.061	350.823671	152.449	54.330214	47.028977	163.842	350.535520	387.586
CIRC.	1460.000	306.311885	0.000	716278.065	4371230.174	345.989534	168.327	49.496077	40.300646	152.865	343.807189	387.000
CIRC.	1460.976	306.270476	0.000	716277.094	4371230.270	345.775064	169.120	49.281607	39.949794	152.371	343.456337	386.971
CIRC.	1480.000	305.463059	0.000	716258.151	4371232.021	341.929549	184.864	45.436092	32.680162	143.600	336.186706	386.400
CIRC.	1500.000	304.614233	0.000	716238.213	4371233.602	338.474553	201.896	41.981096	24.186548	136.399	327.693091	385.800
CIRC.	1520.000	303.765406	0.000	716218.257	4371234.917	335.495779	219.305	39.002322	14.952695	131.602	318.459239	385.200
CIRC.	1540.000	302.916580	0.000	716198.284	4371235.966	332.895560	237.005	36.402103	5.244560	129.477	308.751103	384.600
CIRC.	1546.708	302.631873	0.000	716191.583	4371236.259	332.094676	242.996	35.601219	1.945000	129.390	305.451543	384.399

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B31 X: 716187.630 Y: 4371106.929 Z: 388.139 PK: 1545.180 Dis=-129.382 K : 1.000000000
Distancia: 198.137 Azimut: 361.432922
BO : B32 X: 716074.805 Y: 4371269.806 Z: 392.247 PK: 1662.327 Dis= 33.245 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1540.000	302.916580	0.000	716198.284	4371235.966	5.244560	129.477	43.811637	117.028510	128.032	355.595587	384.600
CIRC.	1546.708	302.631873	0.000	716191.583	4371236.259	1.945000	129.390	40.512077	117.808972	121.501	356.376050	384.399
CIRC.	1560.000	302.067754	0.000	716178.300	4371236.749	395.432484	130.155	33.999562	119.681977	108.646	358.249055	384.009
CIRC.	1580.000	301.218927	0.000	716158.307	4371237.265	385.911779	133.594	24.478856	123.656540	89.618	362.223618	383.456
CIRC.	1600.000	300.370101	0.000	716138.308	4371237.515	377.009683	139.590	15.576761	129.947815	71.242	368.514893	382.942
CIRC.	1620.000	299.521275	0.000	716118.309	4371237.498	368.928146	147.830	7.495224	140.666226	54.188	379.233304	382.469
CIRC.	1640.000	298.672448	0.000	716098.311	4371237.214	361.740804	157.963	0.307882	160.222572	40.184	398.789650	382.035
CIRC.	1660.000	297.823622	0.000	716078.318	4371236.664	355.425874	169.647	393.992951	193.276276	33.328	31.843354	381.642

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B32 X: 716074.805 Y: 4371269.806 Z: 392.247 PK: 1662.327 Dis= 33.245 K : 1.000000000
Distancia: 228.973 Azimut: 299.832624
BO : B33 X: 715845.833 Y: 4371269.204 Z: 383.815 PK: 1883.494 Dis= 57.726 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1660.000	297.823622	0.000	716078.318	4371236.664	193.276276	33.328	293.443652	108.853025	234.752	9.020401	381.642
CIRC.	1680.000	296.974796	0.000	716058.335	4371235.847	228.747668	37.742	328.915044	109.912284	215.104	10.079660	381.288
CIRC.	1700.000	296.125969	0.000	716038.365	4371234.764	251.244965	50.555	351.412341	111.268700	195.588	11.436076	380.975
CIRC.	1720.000	295.277143	0.000	716018.410	4371233.414	263.517496	67.117	363.684872	113.017845	176.249	13.185221	380.702
CIRC.	1740.000	294.428316	0.000	715998.476	4371231.799	270.588589	85.268	370.755965	115.298759	157.159	15.466135	380.468
CIRC.	1760.000	293.579490	0.000	715978.565	4371229.918	274.986601	104.179	375.153977	118.319582	138.424	18.486958	380.275
CIRC.	1780.000	292.730664	0.000	715958.680	4371227.772	277.890116	123.498	378.057492	122.400824	120.213	22.568200	380.121
CIRC.	1781.708	292.658163	0.000	715956.983	4371227.576	278.090357	125.161	378.257733	122.813032	118.690	22.980408	380.110
CIRC.	1800.000	291.881837	0.000	715938.826	4371225.361	279.888676	143.058	380.056053	128.046938	102.810	28.214314	379.991
CIRC.	1820.000	291.033011	0.000	715919.006	4371222.685	281.302468	162.769	381.469845	136.050583	86.708	36.217959	379.861
CIRC.	1840.000	290.184185	0.000	715899.224	4371219.745	282.318290	182.578	382.485666	147.567204	72.779	47.734580	379.731
CIRC.	1860.000	289.335358	0.000	715879.482	4371216.542	283.051752	202.455	383.219128	163.803097	62.494	63.970473	379.601
CIRC.	1880.000	288.486532	0.000	715859.785	4371213.076	283.577968	222.378	383.745344	184.489721	57.836	84.657097	379.471

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B33 X: 715845.833 Y: 4371269.204 Z: 383.815 PK: 1883.494 Dis= 57.726 K : 1.000000000
Distancia: 227.155 Azimut: 279.305618
BO : B34 X: 715630.574 Y: 4371196.657 Z: 380.099 PK: 2103.141 Dis= 42.047 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1880.000	288.486532	0.000	715859.785	4371213.076	184.489721	57.836	305.184103	95.447439	229.798	16.141821	379.471
CIRC.	1900.000	287.637706	0.000	715840.136	4371209.348	206.041455	60.127	326.735837	96.149418	209.946	16.843800	379.341
CIRC.	1920.000	286.788879	0.000	715820.538	4371205.358	224.014356	68.675	344.708738	97.086200	190.163	17.780582	379.211
CIRC.	1940.000	285.940053	0.000	715800.995	4371201.107	237.069478	81.533	357.763860	98.338169	170.479	19.032552	379.081
CIRC.	1960.000	285.091226	0.000	715781.511	4371196.595	246.152339	97.002	366.846721	100.025952	150.937	20.720335	378.951
CIRC.	1980.000	284.242400	0.000	715762.088	4371191.825	252.513936	114.021	373.208318	102.338033	131.603	23.032415	378.821
CIRC.	2000.000	283.393574	0.000	715742.731	4371186.796	257.072361	131.989	377.766743	105.583044	112.589	26.277426	378.691
CIRC.	2020.000	282.544747	0.000	715723.442	4371181.509	260.419733	150.565	381.114115	110.293435	94.096	30.987817	378.561
CIRC.	2040.000	281.695921	0.000	715704.226	4371175.966	262.930924	169.546	383.625306	117.435487	76.503	38.129869	378.431
CIRC.	2060.000	280.847095	0.000	715685.085	4371170.166	264.847218	188.807	385.541600	128.797935	60.607	49.492317	378.301
CLOT.	2063.473	280.699696	0.000	715681.770	4371169.133	265.132046	192.174	385.826428	131.403620	58.125	52.098002	378.279
CLOT.	2080.000	280.033046	0.000	715666.023	4371164.115	266.329075	208.267	387.023457	147.279505	48.121	67.973887	378.171
CLOT.	2100.000	279.319320	0.000	715647.034	4371157.836	267.491320	227.868	388.185702	174.469759	42.167	95.164141	378.041

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B34 X: 715630.574 Y: 4371196.657 Z: 380.099 PK: 2103.141 Dis= 42.047 K : 1.000000000
Distancia: 214.872 Azimut: 279.834527
BO : B35 X: 715426.392 Y: 4371129.727 Z: 376.751 PK: 2317.230 Dis= 49.240 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	2100.000	279.319320	0.000	715647.034	4371157.836	174.469759	42.167	294.635232	91.933211	222.426	12.098684	378.041
CLOT.	2120.000	278.707454	0.000	715628.112	4371151.359	203.456329	45.365	323.621802	93.199046	202.877	13.364519	377.911
CLOT.	2140.000	278.197447	0.000	715609.248	4371144.716	224.802293	56.149	344.967766	94.793300	183.469	14.958773	377.781
CLOT.	2160.000	277.789299	0.000	715590.432	4371137.936	238.174386	71.130	358.339859	96.816687	164.245	16.982160	377.651
CLOT.	2180.000	277.483010	0.000	715571.654	4371131.052	246.585350	88.179	366.750824	99.419459	145.268	19.584932	377.521
CLOT.	2200.000	277.278581	0.000	715552.904	4371124.092	252.162135	106.293	372.327609	102.833831	126.638	22.999305	377.391
CLOT.	2220.000	277.176010	0.000	715534.171	4371117.087	256.070957	125.000	376.236430	107.432355	108.518	27.597828	377.261
CLOT.	2230.140	277.162920	0.000	715524.677	4371113.527	257.631084	134.628	377.796557	110.399449	99.611	30.564922	377.195
CLOT.	2240.000	277.175299	0.000	715515.444	4371110.066	258.947462	144.059	379.112936	113.833288	91.196	33.998761	377.131
CLOT.	2260.000	277.276447	0.000	715496.711	4371103.061	261.154381	163.339	381.319855	123.075210	75.205	43.240683	377.001
CLOT.	2280.000	277.479454	0.000	715477.961	4371096.100	262.909917	182.763	383.075390	136.785943	61.565	56.951416	376.871
CLOT.	2300.000	277.784320	0.000	715459.184	4371089.214	264.351864	202.283	384.517337	156.680511	52.121	76.845984	376.741

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B35 X: 715426.392 Y: 4371129.727 Z: 376.751 PK: 2317.230 Dis= 49.240 K : 1.000000000
Distancia: 195.999 Azimut: 290.300118
BO : B36 X: 715232.664 Y: 4371099.979 Z: 373.101 PK: 2519.328 Dis= 75.671 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	2300.000	277.784320	0.000	715459.184	4371089.214	156.680511	52.121	266.380393	103.023177	226.776	12.723059	376.741
CLOT.	2320.000	278.191045	0.000	715440.369	4371082.433	181.706551	49.316	291.406433	105.365139	208.445	15.065021	376.611
CLOT.	2340.000	278.699630	0.000	715421.505	4371075.788	205.751847	54.160	315.451728	108.111212	190.384	17.811093	376.481
CLOT.	2360.000	279.310074	0.000	715402.584	4371069.308	223.896527	64.940	333.596408	111.368676	172.666	21.068558	376.351
CLOT.	2380.000	280.022377	0.000	715383.596	4371063.026	236.315780	79.250	346.015661	115.285884	155.390	24.985765	376.221
CIRC.	2396.806	280.699696	0.000	715367.584	4371057.921	243.685665	92.814	353.385547	119.237096	141.323	28.936977	376.112
CIRC.	2400.000	280.835240	0.000	715364.535	4371056.971	244.856900	95.497	354.556782	120.069937	138.707	29.769819	376.091
CIRC.	2420.000	281.684066	0.000	715345.395	4371051.169	250.972694	112.836	360.672576	126.012934	122.845	35.712815	375.961
CIRC.	2426.214	281.947816	0.000	715339.433	4371049.418	252.529516	118.370	362.229398	128.155981	118.136	37.855863	375.921
CIRC.	2440.000	282.532893	0.000	715326.180	4371045.621	255.548883	130.829	365.248765	133.519815	108.167	43.219697	375.841
CIRC.	2460.000	283.381719	0.000	715306.893	4371040.331	259.111430	149.237	368.811312	143.093588	95.225	52.793470	375.758
CIRC.	2480.000	284.230545	0.000	715287.537	4371035.298	261.980394	167.921	371.680276	155.211118	84.821	64.911000	375.716
CIRC.	2491.214	284.706502	0.000	715276.654	4371032.589	263.364253	178.486	373.064135	163.182771	80.477	72.882653	375.710
CIRC.	2500.000	285.079372	0.000	715268.115	4371030.524	264.357656	186.796	374.057538	169.954986	77.979	79.654868	375.713

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B36 X: 715232.664 Y: 4371099.979 Z: 373.101 PK: 2519.328 Dis= 75.671 K : 1.000000000
Distancia: 261.922 Azimut: 300.753007
BO : B37 X: 714970.760 Y: 4371103.077 Z: 380.839 PK: 2796.412 Dis= 112.625 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	2500.000	285.079372	0.000	715268.115	4371030.524	169.954986	77.979	269.201979	115.235459	306.078	14.482451	375.713
CIRC.	2520.000	285.928198	0.000	715248.631	4371026.009	186.465429	75.673	285.712422	117.223736	288.361	16.470729	375.751
CIRC.	2540.000	286.777024	0.000	715229.089	4371021.755	202.907268	78.306	302.154260	119.415616	270.827	18.662609	375.829
CIRC.	2560.000	287.625851	0.000	715209.492	4371017.761	217.488479	85.421	316.735472	121.850479	253.519	21.097472	375.946
CIRC.	2580.000	288.474677	0.000	715189.844	4371014.029	229.425000	96.026	328.671993	124.577374	236.489	23.824367	376.104
CIRC.	2600.000	289.323504	0.000	715170.147	4371010.559	238.843221	109.107	338.090214	127.657604	219.806	26.904597	376.301
CIRC.	2620.000	290.172330	0.000	715150.406	4371007.352	246.229960	123.879	345.476952	131.167800	203.558	30.414792	376.539
CIRC.	2640.000	291.021156	0.000	715130.624	4371004.409	252.083617	139.806	351.330610	135.203240	187.861	34.450233	376.816
CIRC.	2660.000	291.869983	0.000	715110.804	4371001.730	256.802742	156.533	356.049734	139.880620	172.869	39.127613	377.134
CIRC.	2661.214	291.921526	0.000	715109.600	4371001.575	257.059729	157.569	356.306721	140.188276	171.986	39.435269	377.155
CIRC.	2668.015	292.210168	0.000	715102.851	4371000.730	258.444471	163.406	357.691463	141.965804	167.102	41.212797	377.270
CIRC.	2680.000	292.718809	0.000	715090.951	4370999.315	260.680393	173.827	359.927386	145.338314	158.784	44.585307	377.470
CIRC.	2700.000	293.567635	0.000	715071.067	4370997.165	263.926580	191.532	363.173573	151.730027	145.873	50.977020	377.785
CIRC.	2720.000	294.416462	0.000	715051.156	4370995.280	266.691603	209.540	365.938595	159.204515	134.476	58.451508	378.077
CIRC.	2740.000	295.265288	0.000	715031.222	4370993.661	269.084041	227.777	368.331034	167.861715	125.010	67.108708	378.346
CIRC.	2760.000	296.114114	0.000	715011.268	4370992.308	271.183432	246.190	370.430424	177.680830	117.943	76.927822	378.592
CIRC.	2780.000	296.962941	0.000	714991.297	4370991.221	273.048932	264.738	372.295925	188.440007	113.726	87.686999	378.816

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B37 X: 714970.760 Y: 4371103.077 Z: 380.839 PK: 2796.412 Dis= 112.625 K : 1.000000000
Distancia: 223.179 Azimut: 314.413897
BO : B38 X: 714753.277 Y: 4371153.177 Z: 374.716 PK: 3037.480 Dis= 153.331 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	2780.000	296.962941	0.000	714991.297	4370991.221	188.440007	113.726	274.026110	138.036097	287.895	23.622200	378.816
CIRC.	2800.000	297.811767	0.000	714971.314	4370990.401	199.686740	112.678	285.272843	140.825867	272.096	26.411970	379.016
CIRC.	2820.000	298.660594	0.000	714951.322	4370989.846	210.823049	114.887	296.409152	143.903160	256.708	29.489263	379.194
CIRC.	2840.000	299.509420	0.000	714931.324	4370989.559	221.285497	120.173	306.871600	147.312963	241.809	32.899066	379.349
CIRC.	2860.000	300.358246	0.000	714911.325	4370989.538	230.701330	128.155	316.287433	151.106369	227.501	36.692472	379.481
CIRC.	2880.000	301.207073	0.000	714891.326	4370989.784	238.928531	138.365	324.514634	155.339782	213.904	40.925885	379.590
CIRC.	2900.000	302.055899	0.000	714871.333	4370990.297	245.999271	150.350	331.585374	160.072583	201.165	45.658686	379.676
CIRC.	2920.000	302.904725	0.000	714851.348	4370991.076	252.037883	163.718	337.623986	165.362285	189.459	50.948388	379.740
CIRC.	2940.000	303.753552	0.000	714831.376	4370992.121	257.198508	178.155	342.784611	171.256054	178.993	56.842157	379.780
CIRC.	2960.000	304.602378	0.000	714811.419	4370993.433	261.630763	193.420	347.216866	177.777835	169.996	63.363938	379.798
CIRC.	2965.515	304.836460	0.000	714805.919	4370993.841	262.742922	197.750	348.329025	179.685953	167.807	65.272056	379.799
CIRC.	2980.000	305.451204	0.000	714791.481	4370995.010	265.465510	209.330	351.051613	184.911736	162.715	70.497839	379.793
CIRC.	3000.000	306.300031	0.000	714771.567	4370996.853	268.811539	225.746	354.397642	192.585295	157.390	78.171398	379.765
CIRC.	3020.000	307.148857	0.000	714751.678	4370998.962	271.757066	242.563	357.343169	200.659907	154.223	86.246010	379.714

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B38 X: 714753.277 Y: 4371153.177 Z: 374.716 PK: 3037.480 Dis= 153.331 K : 1.000000000
Distancia: 218.771 Azimut: 315.688565
BO : B39 X: 714541.115 Y: 4371206.546 Z: 375.817 PK: 3273.747 Dis= 164.793 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	3020.000	307.148857	0.000	714751.678	4370998.962	200.659907	154.223	284.971342	149.546398	295.682	33.857833	379.714
CIRC.	3040.000	307.997684	0.000	714731.820	4371001.336	208.937073	153.350	293.248508	152.331397	280.142	36.642832	379.640
CIRC.	3060.000	308.846510	0.000	714711.995	4371003.974	217.184376	154.809	301.495812	155.389663	265.020	39.701098	379.544
CIRC.	3080.000	309.695336	0.000	714692.207	4371006.876	225.174559	158.536	309.485995	158.761066	250.393	43.072501	379.424
CIRC.	3100.000	310.544163	0.000	714672.459	4371010.042	232.722525	164.375	317.033960	162.490136	236.358	46.801571	379.282
CIRC.	3120.000	311.392989	0.000	714652.755	4371013.471	239.706502	172.112	324.017938	166.625112	223.028	50.936547	379.117
CLOT.	3123.017	311.521043	0.000	714649.787	4371014.011	240.706832	173.429	325.018267	167.287256	221.087	51.598692	379.090
CLOT.	3140.000	312.205093	0.000	714633.098	4371017.159	246.069041	181.505	330.380477	171.216298	210.543	55.527733	378.929
CLOT.	3160.000	312.916497	0.000	714613.487	4371021.082	251.801271	192.329	336.112706	176.314710	199.085	60.626145	378.718
CLOT.	3180.000	313.526042	0.000	714593.917	4371025.208	256.927646	204.381	341.239081	181.961528	188.869	66.272964	378.485
CLOT.	3200.000	314.033728	0.000	714574.385	4371029.506	261.492595	217.479	345.804031	188.174435	180.139	72.485870	378.228
CLOT.	3220.000	314.439555	0.000	714554.883	4371033.944	265.549447	231.466	349.860882	194.932464	173.150	79.243899	377.949
CLOT.	3240.000	314.743522	0.000	714535.407	4371038.491	269.153102	246.212	353.464538	202.161455	168.152	86.472890	377.646
CLOT.	3260.000	314.945631	0.000	714515.949	4371043.115	272.355808	261.607	356.667243	209.726658	165.357	94.038093	377.321

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B39 X: 714541.115 Y: 4371206.546 Z: 375.817 PK: 3273.747 Dis= 164.793 K : 1.000000000
Distancia: 202.779 Azimut: 264.036957
BO : B40 X: 714369.840 Y: 4371097.991 Z: 374.247 PK: 3414.006 Dis= 20.964 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	3260.000	314.945631	0.000	714515.949	4371043.115	209.726658	165.357	345.689701	122.872667	156.074	58.835711	377.321
CLOT.	3280.000	315.045880	0.000	714496.502	4371047.785	217.439799	164.910	353.402843	124.024796	136.249	59.987839	376.973
CLOT.	3289.684	315.057820	0.000	714487.087	4371050.054	221.163085	165.556	357.126129	124.708376	126.669	60.671419	376.797
CLOT.	3300.000	315.038616	0.000	714477.058	4371052.470	225.083312	166.861	361.046355	125.560389	116.481	61.523432	376.602
CLOT.	3320.000	314.891976	0.000	714457.609	4371057.132	232.444801	171.166	368.407845	127.737030	96.814	63.700073	376.209
CLOT.	3340.000	314.600978	0.000	714438.144	4371061.727	239.348889	177.695	375.311932	131.071836	77.334	67.034880	375.792
CLOT.	3360.000	314.165622	0.000	714418.653	4371066.211	245.676856	186.255	381.639900	136.740179	58.247	72.703222	375.353
CLOT.	3380.000	313.585907	0.000	714399.127	4371070.539	251.369456	196.617	387.332499	147.940780	40.142	83.903823	374.890
CLOT.	3400.000	312.861834	0.000	714379.558	4371074.668	256.417035	208.548	392.380079	174.866206	25.267	110.829249	374.405

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B40 X: 714369.840 Y: 4371097.991 Z: 374.247 PK: 3414.006 Dis= 20.964 K : 1.000000000
Distancia: 242.850 Azimut: 308.687443
BO : B41 X: 714129.248 Y: 4371131.028 Z: 371.017 PK: 3652.179 Dis= 30.290 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	3400.000	312.861834	0.000	714379.558	4371074.668	174.866206	25.267	266.178763	114.099113	256.577	5.411670	374.405
CLOT.	3420.000	311.993403	0.000	714359.939	4371078.551	229.988845	21.816	321.301402	114.239381	236.584	5.551938	373.897
CIRC.	3430.804	311.464229	0.000	714349.318	4371080.531	255.120359	26.945	346.432916	114.359311	225.789	5.671867	373.613
CIRC.	3440.000	310.995874	0.000	714340.265	4371082.144	268.686049	33.553	359.998606	114.492112	216.605	5.804669	373.367
CIRC.	3455.515	310.205679	0.000	714324.964	4371084.716	281.690133	46.798	373.002690	114.792121	201.121	6.104678	372.939
CIRC.	3460.000	309.977282	0.000	714320.536	4371085.424	284.111767	50.881	375.424324	114.899221	196.649	6.211778	372.813
CIRC.	3480.000	308.958690	0.000	714300.757	4371088.388	291.206496	69.748	382.519053	115.513116	176.730	6.825673	372.253
CIRC.	3500.000	307.940099	0.000	714280.933	4371091.034	295.028675	89.179	386.341232	116.411880	156.869	7.724437	371.693
CIRC.	3520.000	306.921507	0.000	714261.069	4371093.363	297.293096	108.869	388.605653	117.717800	137.096	9.030357	371.133
CIRC.	3540.000	305.902916	0.000	714241.171	4371095.374	298.705512	128.696	390.018069	119.632906	117.464	10.945463	370.573
CIRC.	3560.000	304.884324	0.000	714221.243	4371097.067	299.604025	148.600	390.916582	122.513810	98.063	13.826367	370.013
CIRC.	3580.000	303.865732	0.000	714201.290	4371098.440	300.169618	168.551	391.482175	127.043803	79.070	18.356360	369.453
CIRC.	3600.000	302.847141	0.000	714181.318	4371099.494	300.507549	188.528	391.820106	134.665974	60.874	25.978531	368.893
CIRC.	3610.982	302.287852	0.000	714170.345	4371099.937	300.620918	199.504	391.933474	141.231557	51.533	32.544114	368.586
CIRC.	3620.000	301.828549	0.000	714161.332	4371100.228	300.683074	208.520	391.995631	148.700223	44.475	40.012780	368.337
CIRC.	3640.000	300.809957	0.000	714141.336	4371100.643	300.738751	228.519	392.051308	175.895245	32.702	67.207802	367.815

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B41 X: 714129.248 Y: 4371131.028 Z: 371.017 PK: 3652.179 Dis= 30.290 K : 1.000000000
Distancia: 172.232 Azimut: 265.982450
BO : B42 X: 713981.025 Y: 4371043.314 Z: 367.739 PK: 3806.533 Dis= -48.719 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	3640.000	300.809957	0.000	714141.336	4371100.643	175.895245	32.702	309.912795	78.136106	170.254	12.153656	367.815
CIRC.	3660.000	299.791366	0.000	714121.337	4371100.737	216.263840	31.307	350.281390	75.269940	151.607	9.287490	367.334
CIRC.	3680.000	298.772774	0.000	714101.338	4371100.512	247.161785	41.355	381.179335	71.748094	133.217	5.765645	366.892
CIRC.	3700.000	297.754183	0.000	714081.346	4371099.966	263.376558	57.092	397.394109	67.273493	115.212	1.291043	366.490
CIRC.	3720.000	296.735591	0.000	714061.365	4371099.101	272.012551	75.016	6.030101	61.360416	97.809	395.377966	366.128
CIRC.	3740.000	295.716999	0.000	714041.400	4371097.916	277.052672	93.881	11.070223	53.193796	81.404	387.211346	365.806
CIRC.	3760.000	294.698408	0.000	714021.457	4371096.412	280.217882	113.213	14.235432	41.430893	66.739	375.448443	365.524
CIRC.	3780.000	293.679816	0.000	714001.540	4371094.589	282.305415	132.804	16.322965	24.229604	55.227	358.247154	365.282
CIRC.	3800.000	292.661224	0.000	713981.656	4371092.448	283.723063	152.552	17.740613	0.817036	49.138	334.834586	365.080

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B42 X: 713981.025 Y: 4371043.314 Z: 367.739 PK: 3806.533 Dis= -48.719 K : 1.000000000
Distancia: 248.435 Azimut: 272.418929
BO : B43 X: 713755.543 Y: 4370939.017 Z: 362.504 PK: 4065.450 Dis=-100.584 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	3800.000	292.661224	0.000	713981.656	4371092.448	0.817036	49.138	128.398107	62.045359	273.254	389.626430	365.080
CIRC.	3820.000	291.642633	0.000	713961.808	4371089.988	375.134855	50.476	102.715927	59.776084	255.612	387.357155	364.918
CIRC.	3825.982	291.337992	0.000	713955.879	4371089.191	368.080535	52.316	95.661606	59.049345	250.374	386.630417	364.877
CIRC.	3840.000	290.624041	0.000	713942.001	4371087.212	353.737866	58.735	81.318937	57.247532	238.177	384.828604	364.786
CIRC.	3860.000	289.605449	0.000	713922.242	4371084.119	338.629925	71.557	66.210997	54.402655	221.005	381.983727	364.656
CIRC.	3880.000	288.586858	0.000	713902.535	4371080.710	328.305723	86.943	55.886794	51.168475	204.166	378.749546	364.526
CIRC.	3900.000	287.568266	0.000	713882.885	4371076.986	321.041504	103.756	48.622576	47.451342	187.754	375.032414	364.396
CIRC.	3920.000	286.549675	0.000	713863.297	4371072.949	315.698980	121.400	43.280051	43.131375	171.897	370.712446	364.266
CIRC.	3940.000	285.531083	0.000	713843.776	4371068.598	311.597926	139.558	39.178997	38.057043	156.769	365.638115	364.136
CIRC.	3960.000	284.512491	0.000	713824.327	4371063.936	308.330327	158.049	35.911399	32.042859	142.605	359.623930	364.006
CIRC.	3980.000	283.493900	0.000	713804.956	4371058.963	305.643551	176.763	33.224623	24.877273	129.726	352.458344	363.876
CIRC.	4000.000	282.475308	0.000	713785.666	4371053.681	303.375231	195.634	30.956303	16.354856	118.555	343.935927	363.746
CIRC.	4020.000	281.456716	0.000	713766.463	4371048.091	301.417208	214.615	28.998280	6.352576	109.620	333.933647	363.616
CIRC.	4039.748	280.450977	0.000	713747.593	4371042.271	299.715557	233.434	27.296629	395.108085	103.560	322.689156	363.488
CIRC.	4040.000	280.438125	0.000	713747.353	4371042.195	299.695063	233.675	27.276134	394.956969	103.502	322.538041	363.486
CIRC.	4060.000	279.419533	0.000	713728.339	4371035.993	298.156104	252.792	25.737175	382.588615	100.720	310.169686	363.343

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B43                   X:  713755.543  Y: 4370939.017  Z: 362.504  PK:    4065.450 Dis=-100.584  K : 1.000000000
                                                                        Distancia:   214.393  Azimut: 315.437673
BO : B44                   X:  713547.423  Y: 4370990.498  Z: 362.667  PK:    4242.579 Dis=  27.942  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	4060.000	279.419533	0.000	713728.339	4371035.993	382.588615	100.720	67.150942	84.316012	186.548	368.878340	363.343
CIRC.	4080.000	278.400941	0.000	713709.426	4371029.488	369.989161	101.547	54.551488	84.964076	166.629	369.526403	363.175
CIRC.	4100.000	277.382350	0.000	713690.620	4371022.682	357.987746	105.899	42.550073	85.925869	146.769	370.488196	362.983
CIRC.	4120.000	276.363758	0.000	713671.926	4371015.575	347.196041	113.371	31.758368	87.346777	127.003	371.909104	362.765
CIRC.	4140.000	275.345167	0.000	713653.347	4371008.170	337.872333	123.394	22.434660	89.475872	107.388	374.038200	362.522
CIRC.	4159.748	274.339427	0.000	713635.122	4371000.568	330.080983	135.240	14.643310	92.722109	88.275	377.284437	362.258
CIRC.	4160.000	274.326575	0.000	713634.890	4371000.469	329.989864	135.401	14.552191	92.774092	88.033	377.336420	362.254
CIRC.	4180.000	273.307983	0.000	713616.558	4370992.473	323.375136	148.911	7.937463	98.181667	69.163	382.743994	361.974
CIRC.	4200.000	272.289392	0.000	713598.356	4370984.185	317.813598	163.548	2.375925	107.850210	51.323	392.412538	361.694
CIRC.	4220.000	271.270800	0.000	713580.289	4370975.607	313.103452	179.033	397.665779	127.081905	36.082	11.644232	361.414
CIRC.	4240.000	270.252208	0.000	713562.362	4370966.742	309.074528	195.160	393.636856	164.263266	28.063	48.825593	361.134

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B44                   X:  713547.423  Y: 4370990.498  Z: 362.667  PK:    4242.579 Dis=  27.942  K : 1.000000000
                                                                        Distancia:   153.005  Azimut: 286.962820
BO : B45                   X:  713397.615  Y: 4370959.383  Z: 357.404  PK:    4382.065 Dis=  76.198  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	4240.000	270.252208	0.000	713562.362	4370966.742	164.263266	28.063	277.300446	97.158387	164.911	10.195567	361.134
CIRC.	4260.000	269.233617	0.000	713544.579	4370957.590	205.488685	33.031	318.525865	100.776691	146.975	13.813871	360.854
CIRC.	4272.131	268.615800	0.000	713533.865	4370951.901	221.505796	40.909	334.542976	103.492465	136.455	16.529646	360.684
CIRC.	4280.000	268.215025	0.000	713526.944	4370948.155	228.677961	47.035	341.715141	105.513141	129.816	18.550321	360.576
CIRC.	4300.000	267.196433	0.000	713509.463	4370938.439	240.109437	64.429	353.146617	111.784436	113.792	24.821616	360.314
CIRC.	4320.000	266.177842	0.000	713492.140	4370928.445	246.331067	83.108	359.368247	120.137179	99.459	33.174359	360.071
CIRC.	4340.000	265.159250	0.000	713474.978	4370918.175	250.053398	102.367	363.090578	131.158395	87.654	44.195575	359.849
CIRC.	4360.000	264.140659	0.000	713457.983	4370907.631	252.427294	121.928	365.464474	145.117237	79.515	58.154418	359.647
CIRC.	4380.000	263.122067	0.000	713441.159	4370896.817	254.001088	141.662	367.038268	161.292370	76.227	74.329550	359.465

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B45                   X:  713397.615  Y: 4370959.383  Z: 357.404  PK:    4382.065 Dis=  76.198  K : 1.000000000
                                                                        Distancia:   298.484  Azimut: 243.094376
BO : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:    4664.743 Dis=  16.555  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	4380.000	263.122067	0.000	713441.159	4370896.817	161.292370	76.227	318.197994	59.528126	286.482	16.433749	359.465
CIRC.	4400.000	262.103475	0.000	713424.510	4370885.735	177.709315	78.405	334.614939	59.296731	266.507	16.202355	359.303
CIRC.	4420.000	261.084884	0.000	713408.041	4370874.388	192.229703	85.632	349.135327	59.110384	246.522	16.016008	359.161
CIRC.	4440.000	260.066292	0.000	713391.755	4370862.780	203.856982	96.781	360.762606	58.981035	226.528	15.886659	359.039
CIRC.	4460.000	259.047700	0.000	713375.657	4370850.912	212.715306	110.671	369.620930	58.925261	206.529	15.830885	358.937
CIRC.	4480.000	258.029109	0.000	713359.751	4370838.788	219.367793	126.400	376.273417	58.966740	186.529	15.872364	358.854
CIRC.	4500.000	257.010517	0.000	713344.041	4370826.411	224.382592	143.359	381.288216	59.140491	166.535	16.046115	358.792
CIRC.	4520.000	255.991925	0.000	713328.531	4370813.784	228.203893	161.157	385.109517	59.500561	146.555	16.406185	358.750
CIRC.	4540.000	254.973334	0.000	713313.225	4370800.911	231.151496	179.541	388.057120	60.134881	126.601	17.040505	358.728
CIRC.	4552.131	254.355517	0.000	713304.042	4370792.984	232.611987	190.904	389.517611	60.713644	114.520	17.619268	358.724
CIRC.	4560.000	253.954742	0.000	713298.127	4370787.795	233.450503	198.344	390.356127	61.196507	106.696	18.102131	358.726
CIRC.	4580.000	252.936151	0.000	713283.241	4370774.439	235.259651	217.453	392.165275	62.976672	86.878	19.882296	358.744
CIRC.	4600.000	251.917559	0.000	713268.570	4370760.846	236.692240	236.790	393.597864	66.101830	67.233	23.007453	358.782
CIRC.	4620.000	250.898967	0.000	713254.119	4370747.020	237.830437	256.299	394.736061	72.181346	47.982	29.086970	358.839
CIRC.	4640.000	249.880376	0.000	713239.890	4370732.965	238.734856	275.939	395.640480	86.594518	29.906	43.500142	358.917
CIRC.	4652.131	249.262559	0.000	713231.371	4370724.330	239.189260	287.901	396.094884	107.291797	20.862	64.197420	358.974
CIRC.	4660.000	248.861784	0.000	713225.889	4370718.684	239.450966	295.679	396.356590	130.865629	17.230	87.771253	359.014

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:    4664.743 Dis=  16.555  K : 1.000000000
                                                                        Distancia:   197.142  Azimut: 201.827356
BO : B47                   X:  713204.987  Y: 4370529.653  Z: 359.989  PK:    4825.012 Dis=-106.261  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	4660.000	248.861784	0.000	713225.889	4370718.684	130.865629	17.230	329.038273	7.010854	190.183	5.183498	359.014
CIRC.	4680.000	247.843192	0.000	713212.118	4370704.181	195.845658	22.581	394.018303	2.599535	174.673	0.772179	359.114
CIRC.	4700.000	246.824601	0.000	713198.580	4370689.459	219.938354	39.160	18.110999	397.449017	159.934	395.621661	359.214
CIRC.	4720.000	245.806009	0.000	713185.280	4370674.523	228.799979	58.029	26.972623	391.392638	146.204	389.565282	359.314
CIRC.	4740.000	244.787417	0.000	713172.220	4370659.375	233.011099	77.530	31.183743	384.249001	133.797	382.421646	359.414
CIRC.	4760.000	243.768826	0.000	713159.405	4370644.021	235.315882	97.281	33.488526	375.855411	123.117	374.028055	359.514
CIRC.	4780.000	242.750234	0.000	713146.836	4370628.464	236.668578	117.152	34.841223	366.136701	114.652	364.309346	359.614
CIRC.	4800.000	241.731643	0.000	713134.519	4370612.707	237.480524	137.086	35.653168	355.207512	108.921	353.380156	359.714
CIRC.	4820.000	240.713051	0.000	713122.455	4370596.756	237.956744	157.056	36.129388	343.458721	106.369	341.631365	359.814
CLOT.	4838.201	239.786104	0.000	713111.699	4370582.074	238.194818	175.246	36.367462	332.591798	107.007	330.764442	359.905

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B47                   X:  713204.987  Y: 4370529.653  Z: 359.989  PK:    4825.012 Dis=-106.261  K : 1.000000000
                                                                        Distancia:   305.589  Azimut: 233.411624
BO : B48                   X:  713051.867  Y: 4370265.193  Z: 361.446  PK:    5131.708 Dis=-125.329  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	4820.000	240.713051	0.000	713122.455	4370596.756	343.458721	106.369	110.047097	13.353862	338.994	379.942238	359.814
CLOT.	4838.201	239.786104	0.000	713111.699	4370582.074	332.591798	107.007	99.180174	11.880521	322.480	378.468897	359.905
CLOT.	4840.000	239.695044	0.000	713110.647	4370580.614	331.530091	107.224	98.118467	11.729212	320.851	378.317588	359.914
CLOT.	4860.000	238.761619	0.000	713099.092	4370564.290	320.124659	111.416	86.713035	9.969374	302.802	376.557750	360.014
CLOT.	4880.000	237.972553	0.000	713087.758	4370547.811	309.783235	118.627	76.371611	8.041709	284.888	374.630085	360.114
CLOT.	4900.000	237.327845	0.000	713076.611	4370531.206	300.770154	128.386	67.358530	5.904646	267.161	372.493022	360.214
CLOT.	4920.000	236.827496	0.000	713065.613	4370514.501	293.106234	140.195	59.694610	3.506561	249.687	370.094937	360.314
CLOT.	4940.000	236.471505	0.000	713054.728	4370497.723	286.670112	153.614	53.258488	0.783236	232.548	367.371612	360.414
CLOT.	4960.000	236.259871	0.000	713043.918	4370480.896	281.287290	168.287	47.875666	397.654957	215.850	364.243333	360.514
CLOT.	4979.321	236.192513	0.000	713033.510	4370464.618	276.922396	183.395	43.510772	394.156512	200.268	360.744887	360.610
CLOT.	4980.000	236.192572	0.000	713033.145	4370464.046	276.782002	183.941	43.370378	394.023680	199.732	360.612056	360.614
CLOT.	5000.000	236.246962	0.000	713022.372	4370447.195	272.998766	200.369	39.587142	389.771935	184.376	356.360311	360.714
CLOT.	5007.610	236.294410	0.000	713018.267	4370440.787	271.720751	206.789	38.309127	387.963789	178.780	354.552165	360.752
CLOT.	5020.000	236.403211	0.000	713011.572	4370430.362	269.806649	217.413	36.395025	384.766292	170.013	351.354668	360.809
CLOT.	5040.000	236.661319	0.000	713000.717	4370413.564	267.099998	234.953	33.688374	378.865014	156.941	345.453390	360.882
CLOT.	5060.000	237.021287	0.000	712989.780	4370396.819	264.795059	252.901	31.383435	371.941246	145.534	338.529622	360.930
CLOT.	5080.000	237.483114	0.000	712978.736	4370380.145	262.825676	271.187	29.414052	363.928800	136.243	330.517176	360.955
CLOT.	5090.110	237.755327	0.000	712973.103	4370371.749	261.940745	280.542	28.529121	359.476854	132.506	326.065230	360.958
CLOT.	5100.000	238.046799	0.000	712967.557	4370363.561	261.139502	289.758	27.727878	354.889537	129.554	321.477913	360.955
CLOT.	5120.000	238.712344	0.000	712956.220	4370347.085	259.694913	308.571	26.283289	345.077416	125.916	311.665792	360.931

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B48                   X:  713051.867  Y: 4370265.193  Z: 361.446  PK:    5131.708 Dis=-125.329  K : 1.000000000
                                                                        Distancia:   211.037  Azimut: 258.907533
BO : B49                   X:  712883.288  Y: 4370138.237  Z: 360.572  PK:    5323.802 Dis= -73.684  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	5120.000	238.712344	0.000	712956.220	4370347.085	345.077416	125.916	86.169883	21.388495	221.216	362.480962	360.931
CLOT.	5140.000	239.479748	0.000	712944.697	4370330.738	334.944303	125.625	76.036770	19.658899	202.059	360.751366	360.883
CIRC.	5145.987	239.729290	0.000	712941.208	4370325.872	331.931086	126.204	73.023553	19.060686	196.372	360.153153	360.863
CIRC.	5160.000	240.324011	0.000	712932.967	4370314.539	325.043962	128.733	66.136429	17.485422	183.168	358.577889	360.810
CIRC.	5180.000	241.172837	0.000	712921.022	4370298.498	315.867581	135.017	56.960048	14.721184	164.644	355.813651	360.713
CIRC.	5197.360	241.909620	0.000	712910.481	4370284.705	308.730539	142.726	49.823006	11.686264	148.971	352.778731	360.609
CIRC.	5200.000	242.021663	0.000	712908.864	4370282.618	307.719271	144.061	48.811737	11.161421	146.629	352.253888	360.592
CIRC.	5220.000	242.870490	0.000	712896.495	4370266.901	300.700001	155.381	41.792468	6.512129	129.341	347.604596	360.462
CIRC.	5240.000	243.719316	0.000	712883.919	4370251.351	294.764957	168.518	35.857424	0.354878	113.116	341.447345	360.332
CIRC.	5260.000	244.568142	0.000	712871.135	4370235.970	289.794554	183.079	30.887021	392.124366	98.485	333.216833	360.202
CIRC.	5280.000	245.416969	0.000	712858.148	4370220.760	285.646283	198.749	26.738750	381.174767	86.268	322.267234	360.072
CIRC.	5300.000	246.265795	0.000	712844.960	4370205.725	282.182978	215.284	23.275445	367.118410	77.613	308.210877	359.942
CIRC.	5320.000	247.114622	0.000	712831.572	4370190.867	279.284533	232.496	20.377000	350.557590	73.787	291.650057	359.812

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B49                   X:  712883.288  Y: 4370138.237  Z: 360.572  PK:    5323.802 Dis= -73.684  K : 1.000000000
                                                                        Distancia:   169.222  Azimut: 173.618753
BO : B50                   X:  712951.423  Y: 4369983.338  Z: 366.172  PK:    5382.814 Dis=-229.963  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5320.000	247.114622	0.000	712831.572	4370190.867	350.557590	73.787	176.938838	366.658782	239.651	393.040029	359.812
CIRC.	5340.000	247.963448	0.000	712817.987	4370176.189	333.516269	75.529	159.897516	361.466825	234.514	387.848073	359.682
CIRC.	5360.000	248.812274	0.000	712804.207	4370161.694	318.357002	82.486	144.738250	356.070628	231.264	382.451876	359.552
CIRC.	5380.000	249.661101	0.000	712790.236	4370147.383	306.237363	93.501	132.618610	350.559420	229.983	376.940667	359.422

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B50                   X:  712951.423  Y: 4369983.338  Z: 366.172  PK:    5382.814 Dis=-229.963  K : 1.000000000
                                                                        Distancia:   200.713  Azimut: 282.549660
BO : B51                   X:  712758.203  Y: 4369929.007  Z: 362.758  PK:    5542.862 Dis=-140.480  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5380.000	249.661101	0.000	712790.236	4370147.383	350.559420	229.983	68.009760	9.272219	220.713	326.722559	359.422
CIRC.	5400.000	250.509927	0.000	712776.075	4370133.260	345.033711	230.703	62.484051	5.556162	205.034	323.006502	359.292
CIRC.	5420.000	251.358753	0.000	712761.727	4370119.327	339.595481	233.405	57.045821	1.178554	190.353	318.628894	359.162
CIRC.	5440.000	252.207580	0.000	712747.194	4370105.587	334.338009	238.021	51.788349	396.036146	176.923	313.486485	359.032
CIRC.	5460.000	253.056406	0.000	712732.480	4370092.041	329.337760	244.443	46.788100	390.037654	165.051	307.487994	358.902
CIRC.	5480.000	253.905232	0.000	712717.586	4370078.693	324.649907	252.532	42.100246	383.131651	155.099	300.581991	358.772
CIRC.	5500.000	254.754059	0.000	712702.516	4370065.545	320.307687	262.131	37.758027	375.346416	147.458	292.796756	358.642
CIRC.	5520.000	255.602885	0.000	712687.271	4370052.599	316.324749	273.081	33.775089	366.830719	142.500	284.281059	358.512
CIRC.	5540.000	256.451712	0.000	712671.856	4370039.857	312.699137	285.223	30.149477	357.869956	140.512	275.320296	358.382

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B51 X: 712758.203 Y: 4369929.007 Z: 362.758 PK: 5542.862 Dis=-140.480 K : 1.000000000
Distancia: 239.103 Azimut: 280.455802
BO : B52 X: 712530.279 Y: 4369856.750 Z: 358.001 PK: 5756.310 Dis= -68.726 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5540.000	256.451712	0.000	712671.856	4370039.857	357.869956	140.512	77.414154	41.900942	231.457	361.445140	358.382
CIRC.	5560.000	257.300538	0.000	712656.271	4370027.322	348.850359	141.619	68.394557	40.501466	212.059	360.045664	358.252
CIRC.	5580.000	258.149364	0.000	712640.522	4370014.996	340.172523	145.750	59.716721	38.736854	192.860	358.281053	358.122
CIRC.	5600.000	258.998191	0.000	712624.609	4370002.881	332.156990	152.659	51.701188	36.492139	173.932	356.036337	357.992
CIRC.	5620.000	259.847017	0.000	712608.536	4369990.979	324.991862	161.990	44.536060	33.602956	155.375	353.147154	357.862
CIRC.	5640.000	260.695843	0.000	712592.306	4369979.292	318.736229	173.351	38.280427	29.829959	137.346	349.374157	357.732
CIRC.	5660.000	261.544670	0.000	712575.921	4369967.823	313.357029	186.369	32.901227	24.820783	120.085	344.364981	357.602
CIRC.	5680.000	262.393496	0.000	712559.385	4369956.574	308.770945	200.720	28.315143	18.061528	103.980	337.605726	357.472
CIRC.	5700.000	263.242322	0.000	712542.701	4369945.545	304.876074	216.136	24.420272	8.848205	89.660	328.392403	357.342
CIRC.	5720.000	264.091149	0.000	712525.870	4369934.741	301.570776	232.403	21.114974	396.405197	78.115	315.949395	357.212
CIRC.	5740.000	264.939975	0.000	712508.898	4369924.161	298.762773	249.352	18.306971	380.446911	70.721	299.991109	357.082

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B52 X: 712530.279 Y: 4369856.750 Z: 358.001 PK: 5756.310 Dis= -68.726 K : 1.000000000
Distancia: 197.958 Azimut: 283.751243
BO : B53 X: 712338.734 Y: 4369806.771 Z: 354.808 PK: 5943.673 Dis= -25.023 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5740.000	264.939975	0.000	712508.898	4369924.161	380.446911	70.721	96.695669	61.554996	206.727	377.803753	357.082
CIRC.	5760.000	265.788802	0.000	712491.786	4369913.809	362.217200	68.829	78.465957	61.147310	186.767	377.396067	356.952
CIRC.	5780.000	266.637628	0.000	712474.537	4369903.686	344.553473	72.871	60.802231	60.540662	166.838	376.789419	356.822
CIRC.	5800.000	267.486454	0.000	712457.155	4369893.794	329.851421	81.972	46.100178	59.654671	146.957	375.903428	356.692
CIRC.	5820.000	268.335281	0.000	712439.642	4369884.134	318.679276	94.683	34.928033	58.359592	127.152	374.608349	356.562
CIRC.	5840.000	269.184107	0.000	712422.002	4369874.709	310.464023	109.756	26.712781	56.432420	107.467	372.681177	356.432
CIRC.	5860.000	270.032933	0.000	712404.239	4369865.520	304.422593	126.345	20.671351	53.457801	87.990	369.706559	356.302
CIRC.	5880.000	270.881760	0.000	712386.354	4369856.569	299.919779	143.925	16.168536	48.577061	68.902	364.825818	356.172
CIRC.	5900.000	271.730586	0.000	712368.351	4369847.856	296.506984	162.172	12.755742	39.763097	50.648	356.011855	356.042
CIRC.	5920.000	272.579412	0.000	712350.234	4369839.385	293.878835	180.880	10.127592	21.581687	34.582	337.830444	355.912
CIRC.	5940.000	273.428239	0.000	712332.006	4369831.156	291.827363	199.918	8.076121	382.861023	25.296	299.109780	355.782

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B53 X: 712338.734 Y: 4369806.771 Z: 354.808 PK: 5943.673 Dis= -25.023 K : 1.000000000
Distancia: 183.887 Azimut: 309.678266
BO : B54 X: 712156.968 Y: 4369834.619 Z: 352.894 PK: 6106.166 Dis= 65.328 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	5940.000	273.428239	0.000	712332.006	4369831.156	382.861023	25.296	73.182757	101.259404	175.072	391.581139	355.782
CIRC.	5960.000	274.277065	0.000	712313.669	4369823.170	336.884592	29.953	27.206326	104.642868	157.119	394.964602	355.652
CIRC.	5980.000	275.125892	0.000	712295.228	4369815.430	312.507605	44.359	2.829340	108.779382	139.585	399.101116	355.522
CIRC.	6000.000	275.974718	0.000	712276.685	4369807.937	301.195855	62.060	391.517589	113.960685	122.654	4.282420	355.392
CIRC.	6007.588	276.296752	0.000	712269.624	4369805.159	298.514891	69.129	388.836625	116.283464	116.445	6.605198	355.343
CIRC.	6020.000	276.823544	0.000	712258.044	4369800.691	295.212110	80.919	385.533844	120.617004	106.618	10.938738	355.269
CIRC.	6040.000	277.672371	0.000	712239.308	4369793.694	291.674965	100.283	381.996700	129.364814	91.949	19.686548	355.177
CIRC.	6060.000	278.521197	0.000	712220.480	4369786.948	289.426805	119.904	379.748539	140.990077	79.412	31.311812	355.119
CIRC.	6080.000	279.370023	0.000	712201.564	4369780.454	287.932618	139.672	378.254352	156.149164	70.162	46.470898	355.094
CIRC.	6084.288	279.552001	0.000	712197.497	4369779.094	287.680976	143.923	378.002710	159.858819	68.743	50.180553	355.094
CIRC.	6100.000	280.218850	0.000	712182.563	4369774.212	286.915082	159.529	377.236816	174.485695	65.605	64.807429	355.104
CLOT.	6101.699	280.290959	0.000	712180.945	4369773.694	286.845021	161.219	377.166755	176.131117	65.474	66.452852	355.106

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B54 X: 712156.968 Y: 4369834.619 Z: 352.894 PK: 6106.166 Dis= 65.328 K : 1.000000000
Distancia: 216.168 Azimut: 268.209825
BO : B55 X: 711967.196 Y: 4369731.104 Z: 353.459 PK: 6319.343 Dis= 15.580 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	6100.000	280.218850	0.000	712182.563	4369774.212	174.485695	65.605	306.275870	87.423509	219.639	19.213684	355.104
CLOT.	6101.699	280.290959	0.000	712180.945	4369773.694	176.131117	65.474	307.921293	87.479273	217.951	19.269448	355.106
CLOT.	6120.000	281.025032	0.000	712163.482	4369768.221	193.774652	66.717	325.564827	88.102354	199.764	19.892529	355.148
CLOT.	6140.000	281.729723	0.000	712144.331	4369762.456	211.036664	73.261	342.826840	88.847725	179.888	20.637900	355.225
CLOT.	6143.288	281.835816	0.000	712141.177	4369761.528	213.545983	74.778	345.336158	88.978963	176.621	20.769138	355.241
CLOT.	6160.000	282.332554	0.000	712125.121	4369756.888	224.754467	84.002	356.544642	89.697051	160.016	21.487226	355.325
CLOT.	6180.000	282.833527	0.000	712105.865	4369751.487	235.088974	97.583	366.879149	90.708913	140.159	22.499089	355.425
CLOT.	6200.000	283.232640	0.000	712086.570	4369746.222	242.814721	113.004	374.604897	91.980330	120.327	23.770505	355.525
CLOT.	6220.000	283.529894	0.000	712067.247	4369741.063	248.668009	129.625	380.458184	93.684147	100.545	25.474322	355.625
CLOT.	6240.000	283.725289	0.000	712047.904	4369735.978	253.192058	147.054	384.982234	96.159915	80.855	27.950090	355.725
CLOT.	6260.000	283.818825	0.000	712028.550	4369730.938	256.759542	165.049	388.549717	100.172590	61.354	31.962765	355.825
RECTA	6268.366	283.827735	0.000	712020.452	4369728.835	258.031512	172.704	389.821688	102.710798	53.305	34.500973	355.867
RECTA	6280.000	283.827735	0.000	712009.192	4369725.911	259.623226	183.454	391.413401	107.832282	42.315	39.622457	355.925
RECTA	6300.000	283.827735	0.000	711989.833	4369720.885	261.961043	202.162	393.751218	126.995121	24.837	58.785296	356.025

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 3 (Derecha): TRONCO SECCIÓN VARIANTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B55                   X:  711967.196  Y: 4369731.104  Z: 353.459  PK:    6319.343 Dis=  15.580  K : 1.000000000
                                                                        Distancia:   180.590  Azimut: 280.507348
BO : B56                   X:  711795.005  Y: 4369676.669  Z: 357.363  PK:    6499.688 Dis=   6.165  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	6300.000	283.827735	0.000	711989.833	4369720.885	126.995121	24.837	246.487772	85.792706	199.783	5.285357	356.025
RECTA	6320.000	283.827735	0.000	711970.475	4369715.859	186.511674	15.594	306.004326	86.011252	179.793	5.503904	356.125
RECTA	6340.000	283.827735	0.000	711951.117	4369710.832	242.689491	25.874	362.182142	86.284470	159.807	5.777121	356.225
RECTA	6344.623	283.827735	0.000	711946.643	4369709.671	248.665904	29.695	368.158556	86.357634	155.187	5.850285	356.248
RECTA	6360.000	283.827735	0.000	711931.759	4369705.806	260.530846	43.540	380.023498	86.635789	139.824	6.128441	356.317
RECTA	6380.000	283.827735	0.000	711912.401	4369700.780	267.821807	62.626	387.314458	87.104250	119.846	6.596902	356.384
RECTA	6400.000	283.827735	0.000	711893.043	4369695.754	271.680084	82.148	391.172736	87.760075	99.878	7.252727	356.426
RECTA	6420.000	283.827735	0.000	711873.685	4369690.728	274.051447	101.856	393.544098	88.743486	79.926	8.236138	356.441
RECTA	6422.123	283.827735	0.000	711871.630	4369690.194	274.250299	103.954	393.742951	88.877464	77.810	8.370116	356.442
RECTA	6440.000	283.827735	0.000	711854.327	4369685.702	275.652469	121.659	395.145120	90.380480	60.005	9.873132	356.431
RECTA	6460.000	283.827735	0.000	711834.968	4369680.675	276.804731	141.517	396.297382	93.639164	40.164	13.131816	356.395
RECTA	6480.000	283.827735	0.000	711815.610	4369675.649	277.673195	161.411	397.165847	103.148473	20.630	22.641124	356.334
RECTA	6500.000	283.827735	0.000	711796.252	4369670.623	278.350982	181.328	397.843633	187.050320	6.173	106.542972	356.246
RECTA	6520.000	283.827735	0.000	711776.894	4369665.597	278.894560	201.261	398.387212	265.066929	21.227	184.559580	356.133
RECTA	6540.000	283.827735	0.000	711757.536	4369660.571	279.340142	221.207	398.832794	274.166014	40.781	193.658666	355.993
RECTA	6560.000	283.827735	0.000	711738.178	4369655.544	279.712002	241.161	399.204653	277.342394	60.627	196.835046	355.828
RECTA	6580.000	283.827735	0.000	711718.820	4369650.518	280.027017	261.122	399.519669	278.950073	80.549	198.442724	355.638
RECTA	6600.000	283.827735	0.000	711699.461	4369645.492	280.297285	281.089	399.789937	279.919824	100.502	199.412475	355.421
RECTA	6620.000	283.827735	0.000	711680.103	4369640.466	280.531700	301.061	0.024352	280.568204	120.470	200.060856	355.178
RECTA	6640.000	283.827735	0.000	711660.745	4369635.440	280.736946	321.036	0.229598	281.032168	140.448	200.524820	354.910
RECTA	6660.000	283.827735	0.000	711641.387	4369630.413	280.918146	341.013	0.410798	281.380565	160.431	200.873217	354.616
RECTA	6680.000	283.827735	0.000	711622.029	4369625.387	281.079289	360.994	0.571941	281.651777	180.418	201.144429	354.296
RECTA	6700.000	283.827735	0.000	711602.671	4369620.361	281.223529	380.976	0.716181	281.868889	200.407	201.361541	353.951
RECTA	6720.000	283.827735	0.000	711583.313	4369615.335	281.353391	400.960	0.846043	282.046616	220.399	201.539268	353.579
RECTA	6740.000	283.827735	0.000	711563.954	4369610.309	281.470923	420.946	0.963575	282.194782	240.391	201.687434	353.182
RECTA	6760.000	283.827735	0.000	711544.596	4369605.282	281.577800	440.933	1.070452	282.320194	260.385	201.812846	352.759
RECTA	6763.123	283.827735	0.000	711541.574	4369604.498	281.593619	444.053	1.086271	282.338058	263.507	201.830710	352.691
RECTA	6780.000	283.827735	0.000	711525.238	4369600.256	281.675407	460.921	1.168059	282.427720	280.380	201.920371	352.319
RECTA	6800.000	283.827735	0.000	711505.880	4369595.230	281.764901	480.910	1.257553	282.520930	300.376	202.013582	351.879
RECTA	6817.173	283.827735	0.000	711489.258	4369590.914	281.836015	498.074	1.328666	282.591599	317.546	202.084251	351.501

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 4 (Derecha): TRANSICIÓN CALZADA DERECHA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B15                   X:  719129.394  Y: 4370552.058  Z: 402.092  PK:       0.000 Dis= 115.101  K : 1.000000000
                                                                        Distancia:   190.802  Azimut: 281.452411
BO : B16                   X:  718946.633  Y: 4370497.252  Z: 407.027  PK:     135.921 Dis= 116.084  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	275.393827	0.000	719113.064	4370438.122	209.062782	115.101	327.610371	121.732632	176.623	40.280222	403.844
CLOT.	2.879	275.357204	0.000	719110.398	4370437.036	210.419872	116.580	328.967461	122.431636	174.485	40.979225	403.863
CLOT.	20.000	275.394528	0.000	719094.542	4370430.576	217.786254	126.383	336.333843	126.961709	162.243	45.509298	403.974
CLOT.	40.000	275.532655	0.000	719076.010	4370423.054	224.978404	139.613	343.525993	133.149182	149.143	51.696771	404.104
CLOT.	60.000	275.772642	0.000	719057.456	4370415.588	230.883563	154.270	349.431153	140.428911	137.662	58.976500	404.234
CLOT.	80.000	276.114488	0.000	719038.868	4370408.206	235.758055	169.965	354.305644	148.880009	128.205	67.427599	404.364
CLOT.	100.000	276.558194	0.000	719020.235	4370400.940	239.824652	186.420	358.372241	158.458742	121.216	77.006331	404.494
CLOT.	120.000	277.103758	0.000	719001.546	4370393.818	243.262340	203.433	361.809929	168.929121	117.107	87.476710	404.624

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 4 (Derecha): TRANSICIÓN CALZADA DERECHA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
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Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B16                   X:  718946.633  Y: 4370497.252  Z: 407.027  PK:     135.921 Dis= 116.084  K : 1.000000000
                                                                        Distancia:   212.806  Azimut: 272.653571
BO : B17                   X:  718753.160  Y: 4370408.625  Z: 404.457  PK:     361.282 Dis=  84.033  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	120.000	277.103758	0.000	719001.546	4370393.818	168.929121	117.107	296.275550	103.790526	248.827	31.136955	404.624
CLOT.	140.000	277.751181	0.000	718982.791	4370386.872	179.847087	116.151	307.193516	106.012756	230.659	33.359185	404.754
CLOT.	160.000	278.500464	0.000	718963.961	4370380.132	190.648990	118.395	317.995418	108.553051	212.718	35.899479	404.884
CIRC.	169.545	278.893980	0.000	718954.945	4370376.997	195.606579	120.542	322.953008	109.897923	204.249	37.244351	404.946
CIRC.	180.000	279.337690	0.000	718945.048	4370373.629	200.816132	123.634	328.162561	111.484429	195.053	38.830858	405.014
CIRC.	182.304	279.435468	0.000	718942.864	4370372.896	201.928898	124.414	329.275327	111.851481	193.039	39.197909	405.029
CIRC.	200.000	280.186516	0.000	718926.050	4370367.377	210.005988	131.496	337.352417	114.909632	177.743	42.256061	405.135
CIRC.	220.000	281.035342	0.000	718906.971	4370361.380	218.081003	141.543	345.427431	118.972351	160.903	46.318780	405.232
CIRC.	240.000	281.884169	0.000	718887.813	4370355.637	225.061748	153.344	352.408177	123.867009	144.704	51.213438	405.306
CIRC.	260.000	282.732995	0.000	718868.581	4370350.151	231.056122	166.526	358.402551	129.853012	129.388	57.199441	405.356
CIRC.	280.000	283.581821	0.000	718849.277	4370344.921	236.203376	180.785	363.549805	137.261794	115.311	64.608222	405.383
CIRC.	292.804	284.125234	0.000	718836.882	4370341.708	239.118320	190.366	366.464749	142.927008	107.179	70.273437	405.388
CIRC.	300.000	284.430648	0.000	718829.905	4370339.949	240.641823	195.882	367.988252	146.471359	102.986	73.817788	405.387
CIRC.	320.000	285.279474	0.000	718810.468	4370335.236	244.494492	211.637	371.840921	157.793850	93.114	85.140279	405.366
CIRC.	340.000	286.128301	0.000	718790.970	4370330.782	247.865017	227.910	375.211446	171.214290	86.540	98.560719	405.323
CIRC.	360.000	286.977127	0.000	718771.415	4370326.589	250.838326	244.596	378.184755	186.060726	84.043	113.407155	405.255

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 4 (Derecha): TRANSICIÓN CALZADA DERECHA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B17                   X:  718753.160  Y: 4370408.625  Z: 404.457  PK:     361.282 Dis=  84.033  K : 1.000000000
                                                                        Distancia:   233.771  Azimut: 292.420961
BO : B18                   X:  718521.044  Y: 4370380.860  Z: 406.104  PK:     609.249 Dis=  84.503  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	360.000	286.977127	0.000	718771.415	4370326.589	186.060726	84.043	293.639765	113.589276	256.185	21.168315	405.255
CIRC.	380.000	287.825953	0.000	718751.806	4370322.657	201.002917	85.979	308.581956	115.728876	237.988	23.307915	405.164
CIRC.	400.000	288.674780	0.000	718732.145	4370318.987	214.660020	92.069	322.239058	118.150839	219.982	25.729878	405.050
CIRC.	403.304	288.814999	0.000	718728.893	4370318.406	216.727706	93.426	324.306745	118.582741	217.029	26.161779	405.029
CIRC.	420.000	289.523606	0.000	718712.438	4370315.579	226.263055	101.567	333.842093	120.926264	202.221	28.505303	404.920
CIRC.	440.000	290.372432	0.000	718692.687	4370312.434	235.729571	113.621	343.308610	124.149850	184.779	31.728889	404.790
CIRC.	460.000	291.221259	0.000	718672.896	4370309.553	243.347764	127.506	350.926803	127.948915	167.761	35.527954	404.660
CIRC.	480.000	292.070085	0.000	718653.068	4370306.936	249.496132	142.685	357.075170	132.495361	151.311	40.074400	404.530
CIRC.	500.000	292.918911	0.000	718633.207	4370304.583	254.514649	158.787	362.093687	138.019774	135.642	45.598813	404.400
CIRC.	520.000	293.767738	0.000	718613.316	4370302.496	258.671893	175.555	366.250932	144.822550	121.058	52.401589	404.270
CIRC.	540.000	294.616564	0.000	718593.400	4370300.674	262.169839	192.813	369.748878	153.265201	108.005	60.844240	404.140
CIRC.	560.000	295.465390	0.000	718573.460	4370299.117	265.158015	210.437	372.737054	163.700577	97.105	71.279615	404.010
CIRC.	580.000	296.314217	0.000	718553.502	4370297.827	267.747127	228.341	375.326166	176.276813	89.151	83.855852	403.880
CIRC.	600.000	297.163043	0.000	718533.529	4370296.803	270.019755	246.459	377.598794	190.613273	84.979	98.192312	403.750

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 4 (Derecha): TRANSICIÓN CALZADA DERECHA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B18                   X:  718521.044  Y: 4370380.860  Z: 406.104  PK:     609.249 Dis=  84.503  K : 1.000000000
                                                                        Distancia:   283.374  Azimut: 299.039331
BO : B19                   X:  718237.702  Y: 4370376.584  Z: 405.120  PK:     906.896 Dis=  62.907  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	600.000	297.163043	0.000	718533.529	4370296.803	190.613273	84.979	291.573942	116.769932	306.396	17.730601	403.750
CIRC.	620.000	298.011870	0.000	718513.543	4370296.045	205.615635	85.146	306.576304	118.084996	287.358	19.045665	403.620
CIRC.	640.000	298.860696	0.000	718493.549	4370295.554	219.849510	89.627	320.810179	119.526259	268.372	20.486928	403.490
CIRC.	660.000	299.709522	0.000	718473.551	4370295.329	232.269492	97.832	333.230161	121.122052	249.453	22.082721	403.360
CIRC.	680.000	300.558349	0.000	718453.551	4370295.372	242.545693	108.920	343.506362	122.909618	230.621	23.870287	403.230
CIRC.	700.000	301.407175	0.000	718433.553	4370295.680	250.851977	122.107	351.812646	124.938783	211.904	25.899452	403.100
CIRC.	720.000	302.256001	0.000	718413.562	4370296.256	257.546704	136.786	358.507373	127.277501	193.337	28.238170	402.970
CIRC.	739.322	303.076051	0.000	718394.257	4370297.065	262.820778	151.976	363.781448	129.919494	175.593	30.880163	402.845
CIRC.	740.000	303.104828	0.000	718393.580	4370297.097	262.988095	152.523	363.948765	130.020409	174.974	30.981078	402.840
CIRC.	760.000	303.953654	0.000	718373.610	4370298.206	267.471188	169.022	368.431858	133.302267	156.889	34.262937	402.732
CIRC.	780.000	304.802480	0.000	718353.658	4370299.580	271.221677	186.077	372.182346	137.319299	139.196	38.279968	402.663
CIRC.	800.000	305.651307	0.000	718333.725	4370301.220	274.407635	203.545	375.368304	142.362831	122.066	43.323500	402.635
CIRC.	804.322	305.834736	0.000	718329.421	4370301.609	275.034693	207.364	375.995363	143.626465	118.463	44.587134	402.634
CIRC.	820.000	306.500133	0.000	718313.817	4370303.126	277.153551	221.327	378.114221	148.869415	105.781	49.830085	402.646
CIRC.	840.000	307.348960	0.000	718293.935	4370305.297	279.552073	239.350	380.512743	157.480805	90.796	58.441474	402.697
CIRC.	860.000	308.197786	0.000	718274.084	4370307.733	281.672818	257.559	382.633487	169.052522	77.872	70.013191	402.789
CIRC.	880.000	309.046612	0.000	718254.267	4370310.434	283.568709	275.916	384.529379	184.379109	68.193	85.339779	402.920
CIRC.	900.000	309.895439	0.000	718234.488	4370313.398	285.280481	294.390	386.241150	203.235058	63.268	104.195727	403.091

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 4 (Derecha): TRANSICIÓN CALZADA DERECHA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B19                   X:  718237.702  Y: 4370376.584  Z: 405.120  PK:     906.896 Dis=  62.907  K : 1.000000000
                                                                        Distancia:   271.518  Azimut: 319.529515
BO : B20                   X:  717978.860  Y: 4370458.577  Z: 409.524  PK:    1191.745 Dis=  77.024  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	900.000	309.895439	0.000	718234.488	4370313.398	203.235058	63.268	283.705543	132.881722	293.978	13.352207	403.091
CIRC.	920.000	310.744265	0.000	718214.751	4370316.626	223.273625	64.201	303.744110	134.486811	275.308	14.957297	403.303
CIRC.	940.000	311.593091	0.000	718195.058	4370320.117	241.177852	70.761	321.648338	136.263197	256.735	16.733682	403.554
CIRC.	960.000	312.441918	0.000	718175.413	4370323.870	255.287817	81.601	335.758302	138.249689	238.284	18.720174	403.845
CIRC.	980.000	313.290744	0.000	718155.820	4370327.884	265.841676	95.269	346.312161	140.497160	219.990	20.967645	404.177
CIRC.	984.322	313.474174	0.000	718151.594	4370328.786	267.739684	98.485	348.210169	141.023300	216.062	21.493786	404.254
CIRC.	1000.000	314.139570	0.000	718136.283	4370332.160	273.716918	110.722	354.187403	143.073284	201.899	23.543769	404.536
CIRC.	1020.000	314.988397	0.000	718116.804	4370336.695	279.711440	127.308	360.181925	146.069433	184.075	26.539918	404.896
CIRC.	1040.000	315.837223	0.000	718097.388	4370341.490	284.397619	144.636	364.868105	149.610736	166.608	30.081222	405.256
CIRC.	1047.443	316.153120	0.000	718090.178	4370343.341	285.889902	151.223	366.360387	151.100922	160.222	31.571407	405.390
CIRC.	1060.000	316.686050	0.000	718078.037	4370346.543	288.160572	162.467	368.631057	153.870485	149.625	34.340970	405.611
CIRC.	1080.000	317.534876	0.000	718058.755	4370351.854	291.257561	180.648	371.728047	159.089659	133.315	39.560145	405.942
CIRC.	1100.000	318.383702	0.000	718039.546	4370357.422	293.862808	199.081	374.333294	165.599311	117.962	46.069797	406.247
CIRC.	1120.000	319.232529	0.000	718020.412	4370363.245	296.096781	217.699	376.567266	173.832375	103.994	54.302860	406.526
CIRC.	1140.000	320.081355	0.000	718001.358	4370369.323	298.044671	236.455	378.515157	184.280291	92.046	64.750777	406.779
CIRC.	1160.000	320.930181	0.000	717982.387	4370375.654	299.768061	255.317	380.238547	197.293921	82.998	77.764406	407.007
CIRC.	1180.000	321.779008	0.000	717963.502	4370382.237	301.312383	274.259	381.782869	212.639007	77.869	93.109493	407.209

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 4 (Derecha): TRANSICIÓN CALZADA DERECHA

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
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Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B20                   X:  717978.860  Y: 4370458.577  Z: 409.524  PK:    1191.745 Dis=  77.024  K : 1.000000000
                                                                        Distancia:   228.305  Azimut: 326.207092
BO : B21                   X:  717769.628  Y: 4370549.929  Z: 405.207  PK:    1432.267 Dis=  72.799  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1180.000	321.779008	0.000	717963.502	4370382.237	212.639007	77.869	286.431916	145.398056	256.335	19.190965	407.209
CIRC.	1200.000	322.627834	0.000	717944.706	4370389.072	229.076727	77.443	302.869635	147.306588	237.755	21.099496	407.385
CIRC.	1220.000	323.476660	0.000	717926.003	4370396.157	244.730828	81.793	318.523736	149.465694	219.315	23.258602	407.535
CIRC.	1240.000	324.325487	0.000	717907.396	4370403.491	258.193160	90.231	331.986068	151.941511	201.058	25.734419	407.660
CIRC.	1260.000	325.174313	0.000	717888.889	4370411.071	269.072852	101.743	342.865761	154.824027	183.043	28.616936	407.758
CIRC.	1280.000	326.023140	0.000	717870.484	4370418.899	277.657052	115.411	351.449960	158.237718	165.351	32.030626	407.831
CIRC.	1300.000	326.871966	0.000	717852.186	4370426.970	284.433451	130.558	358.226359	162.357329	148.103	36.150237	407.878
CIRC.	1320.000	327.720792	0.000	717833.996	4370435.285	289.851062	146.724	363.643970	167.430467	131.478	41.223376	407.899
CIRC.	1326.443	327.994248	0.000	717828.160	4370438.016	291.367294	152.096	365.160202	169.322082	126.296	43.114991	407.901
CIRC.	1340.000	328.569619	0.000	717815.919	4370443.842	294.258582	163.606	368.051490	173.806520	115.747	47.599428	407.895
CIRC.	1360.000	329.418445	0.000	717797.958	4370452.639	297.911116	180.999	371.704024	181.960999	101.331	55.753907	407.864
CIRC.	1380.000	330.267271	0.000	717780.116	4370461.675	300.992216	198.769	374.785124	192.470089	88.875	66.262997	407.808
CIRC.	1400.000	331.116098	0.000	717762.395	4370470.948	303.634235	216.818	377.427143	205.813598	79.312	79.606507	407.726
CIRC.	1420.000	331.964924	0.000	717744.800	4370480.456	305.933603	235.080	379.726512	221.850537	73.776	95.643445	407.618

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 4 (Derecha): TRANSICIÓN CALZADA DERECHA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 1432.267 Dis= 72.799 K : 1.000000000
Distancia: 188.575 Azimut: 342.729158
BO : B22 X: 717621.958 Y: 4370667.207 Z: 402.525 PK: 1625.167 Dis= 94.264 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1420.000	331.964924	0.000	717744.800	4370480.456	221.850537	73.776	279.121379	162.959609	223.531	20.230450	407.618
CIRC.	1440.000	332.813750	0.000	717727.333	4370490.198	239.224025	73.189	296.494866	165.815770	206.001	23.086611	407.485
CLOT.	1452.597	333.348391	0.000	717716.399	4370496.453	249.852643	75.452	307.123485	167.837476	195.131	25.108318	407.387
CLOT.	1460.000	333.655599	0.000	717709.998	4370500.172	255.730228	77.663	313.001069	169.119371	188.817	26.390213	407.325
CLOT.	1480.000	334.415794	0.000	717692.790	4370510.364	269.728364	86.426	326.999206	172.994869	172.095	30.265711	407.140
CLOT.	1500.000	335.074129	0.000	717675.697	4370520.748	280.824346	98.359	338.095188	177.611871	156.007	34.882712	406.929
CLOT.	1520.000	335.630605	0.000	717658.704	4370531.295	289.404215	112.478	346.675057	183.189880	140.792	40.460721	406.692
CLOT.	1540.000	336.085222	0.000	717641.795	4370541.976	296.044274	128.080	353.315116	189.998815	126.793	47.269656	406.430
CLOT.	1558.943	336.421888	0.000	717625.843	4370552.191	301.001630	143.803	358.272472	197.850631	115.081	55.121473	406.157
CLOT.	1560.000	336.437980	0.000	717624.954	4370552.764	301.247239	144.702	358.518080	198.333689	114.482	55.604531	406.141
CLOT.	1580.000	336.688879	0.000	717608.165	4370563.632	305.389742	162.044	362.660583	208.428450	104.490	65.699292	405.841
CLOT.	1600.000	336.837918	0.000	717591.409	4370574.552	308.740321	179.912	366.011163	220.275167	97.561	77.546009	405.541
RECTA	1619.264	336.885168	0.000	717575.287	4370585.095	311.396386	197.497	368.667228	232.903762	94.449	90.174603	405.252
RECTA	1620.000	336.885168	0.000	717574.671	4370585.498	311.488560	198.176	368.759402	233.399224	94.406	90.670066	405.241

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 4 (Derecha): TRANSICIÓN CALZADA DERECHA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B22 X: 717621.958 Y: 4370667.207 Z: 402.525 PK: 1625.167 Dis= 94.264 K : 1.000000000
Distancia: 135.096 Azimut: 303.032126
BO : B23 X: 717487.015 Y: 4370673.639 Z: 405.931 PK: 1625.345 Dis= 119.083 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1620.000	336.885168	0.000	717574.671	4370585.498	233.399224	94.406	330.367098	150.175640	124.307	47.143514	405.241
RECTA	1625.345	336.885168	0.000	717570.198	4370588.425	237.005621	94.264	333.973495	150.767877	119.083	47.735751	405.161

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 5 (Derecha): TRANSICIÓN CALZADA IZQUIERDA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B23 X: 717487.015 Y: 4370673.639 Z: 405.931 PK: 0.000 Dis=-119.083 K : 1.000000000
Distancia: 135.096 Azimut: 103.032126
BO : B22 X: 717621.958 Y: 4370667.207 Z: 402.525 PK: 0.178 Dis= -94.264 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	136.885168	0.000	717570.198	4370588.425	150.767877	119.083	47.735751	237.005621	94.264	333.973495	405.161

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 5 (Derecha): TRANSICIÓN CALZADA IZQUIERDA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B22 X: 717621.958 Y: 4370667.207 Z: 402.525 PK: 0.178 Dis= -94.264 K : 1.000000000
Distancia: 188.575 Azimut: 142.729158
BO : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 191.896 Dis= -74.249 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	136.885168	0.000	717570.198	4370588.425	237.005621	94.264	94.276463	312.139329	203.112	369.410171	405.161
RECTA	20.000	136.885168	0.000	717586.934	4370577.475	223.690688	96.325	80.961529	309.526830	184.759	366.797672	405.461
CLOT.	29.961	136.885168	0.000	717595.269	4370572.021	217.402939	98.857	74.673781	308.023380	175.753	365.294222	405.610
CLOT.	40.000	136.872336	0.000	717603.670	4370566.525	211.438859	102.330	68.709701	306.345132	166.786	363.615973	405.761
CLOT.	60.000	136.770279	0.000	717620.416	4370555.589	200.879706	111.629	58.150548	302.413760	149.320	359.684602	406.061
CLOT.	76.766	136.606245	0.000	717634.472	4370546.452	193.425899	121.402	50.696741	298.362531	135.200	355.633373	406.312
CLOT.	80.000	136.566363	0.000	717637.187	4370544.694	192.126794	123.456	49.397636	297.484790	132.544	354.755631	406.361
CLOT.	100.000	136.260588	0.000	717654.002	4370533.865	184.985617	137.138	42.256458	291.211886	116.736	348.482727	406.644
CLOT.	120.000	135.852954	0.000	717670.878	4370523.132	179.161565	152.154	36.432406	283.130608	102.321	340.401450	406.901
CLOT.	140.000	135.343461	0.000	717687.830	4370512.520	174.370764	168.129	31.641606	272.692797	89.946	329.963639	407.132
CLOT.	160.000	134.732108	0.000	717704.875	4370502.057	170.377718	184.796	27.648560	259.471616	80.527	316.742457	407.338
CLOT.	180.000	134.018896	0.000	717722.028	4370491.773	166.998739	201.968	24.269581	243.666258	75.152	300.937099	407.517

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 5 (Derecha): TRANSICIÓN CALZADA IZQUIERDA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 191.896 Dis= -74.249 K : 1.000000000
Distancia: 228.305 Azimut: 126.207092
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 433.132 Dis= -81.891 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	180.000	134.018896	0.000	717722.028	4370491.773	243.666258	75.152	117.459166	308.183055	258.968	381.975963	407.517
CLOT.	200.000	133.203826	0.000	717739.304	4370481.695	226.623587	74.669	100.416495	306.124670	240.669	379.917578	407.671
CIRC.	200.029	133.202560	0.000	717739.329	4370481.681	226.598799	74.672	100.391707	306.121479	240.643	379.914387	407.671
CIRC.	220.000	132.337676	0.000	717756.712	4370471.849	210.436650	79.141	84.229558	303.798805	222.544	377.591713	407.799
CIRC.	240.000	131.471527	0.000	717774.252	4370462.240	196.646007	87.811	70.438915	301.139573	204.641	374.932481	407.901
CIRC.	260.000	130.605378	0.000	717791.922	4370452.871	185.626575	99.586	59.419483	298.057336	187.025	371.850244	407.978
CIRC.	280.000	129.739228	0.000	717809.717	4370443.743	177.018583	113.502	50.811491	294.430964	169.792	368.223872	408.029
CIRC.	300.000	128.873079	0.000	717827.635	4370434.858	170.275023	128.865	44.067931	290.095517	153.074	363.888425	408.053
CIRC.	305.366	128.640681	0.000	717832.463	4370432.515	168.717947	133.170	42.510855	288.784410	148.699	362.577319	408.056
CIRC.	309.266	128.471809	0.000	717835.977	4370430.824	167.643926	136.338	41.436834	287.786852	145.554	361.579760	408.056
CIRC.	320.000	128.006930	0.000	717845.672	4370426.217	164.912733	145.214	38.705641	284.826591	137.063	358.619499	408.053
CIRC.	340.000	127.140780	0.000	717863.825	4370417.823	160.566135	162.250	34.359043	278.324616	122.041	352.117524	408.026
CIRC.	360.000	126.274631	0.000	717882.091	4370409.677	156.972552	179.773	30.765460	270.212566	108.423	344.005474	407.973
CIRC.	380.000	125.408482	0.000	717900.465	4370401.780	153.945416	197.653	27.738324	260.085003	96.807	333.877911	407.895
CIRC.	400.000	124.542332	0.000	717918.946	4370394.133	151.351491	215.796	25.144399	247.682289	87.993	321.475197	407.791
CIRC.	420.000	123.676183	0.000	717937.528	4370386.739	149.094403	234.140	22.887311	233.237464	82.880	307.030372	407.661

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 5 (Derecha): TRANSICIÓN CALZADA IZQUIERDA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 433.132 Dis= -81.891 K : 1.000000000
Distancia: 271.518 Azimut: 119.529515
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 719.717 Dis= -70.634 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	420.000	123.676183	0.000	717937.528	4370386.739	233.237464	82.880	113.707950	302.152847	300.345	382.623333	407.661
CIRC.	440.000	122.810033	0.000	717956.210	4370379.598	217.780169	82.163	98.250654	300.681609	281.508	381.152094	407.505
CIRC.	460.000	121.943884	0.000	717974.987	4370372.712	202.869614	85.952	83.340100	299.061781	262.744	379.532266	407.323
CIRC.	480.000	121.077735	0.000	717993.856	4370366.082	189.767718	93.703	70.238204	297.259901	244.072	377.730386	407.116
CIRC.	500.000	120.211585	0.000	718012.813	4370359.709	178.940416	104.535	59.410902	295.232053	225.521	375.702538	406.883
CIRC.	520.000	119.345436	0.000	718031.856	4370353.595	170.238806	117.600	50.709292	292.919660	207.126	373.390145	406.624
CIRC.	540.000	118.479287	0.000	718050.980	4370347.741	163.276111	132.234	43.746597	290.243237	188.937	370.713722	406.339
CIRC.	560.000	117.613137	0.000	718070.181	4370342.147	157.656996	147.971	38.127482	287.092992	171.024	367.563477	406.028
CIRC.	580.000	116.746988	0.000	718089.457	4370336.815	153.056533	164.492	33.527019	283.314640	153.486	363.785126	405.692
CIRC.	588.266	116.389026	0.000	718097.444	4370334.688	151.392419	171.495	31.862905	281.520938	146.381	361.991424	405.545
CIRC.	600.000	115.880839	0.000	718108.804	4370331.746	149.228244	181.581	29.698730	278.688297	136.474	359.158783	405.334
CIRC.	620.000	115.014689	0.000	718128.218	4370326.941	145.990367	199.088	26.460852	272.898881	120.213	353.369366	404.974
CIRC.	638.276	114.223216	0.000	718146.014	4370322.781	143.433960	215.363	23.904446	266.216968	106.309	346.687454	404.645
CIRC.	640.000	114.148540	0.000	718147.695	4370322.400	143.209545	216.909	23.680030	265.502048	105.058	345.972533	404.614
CIRC.	660.000	113.282391	0.000	718167.233	4370318.124	140.787383	234.971	21.257868	255.912750	91.561	336.383235	404.278
CIRC.	680.000	112.416241	0.000	718186.827	4370314.115	138.650510	253.218	19.120995	243.510568	80.565	323.981053	403.981
CIRC.	700.000	111.550092	0.000	718206.473	4370310.372	136.743521	271.611	17.214006	228.056517	73.207	308.527002	403.725

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 5 (Derecha): TRANSICIÓN CALZADA IZQUIERDA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 719.717 Dis= -70.634 K : 1.000000000
Distancia: 283.374 Azimut: 99.039331
BO : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 1019.402 Dis= -93.731 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	700.000	111.550092	0.000	718206.473	4370310.372	228.056517	73.207	129.017186	285.966682	322.371	386.927352	403.725
CIRC.	720.000	110.683943	0.000	718226.169	4370306.897	210.441338	70.634	111.402007	284.354651	304.009	385.315320	403.508
CIRC.	740.000	109.817793	0.000	718245.910	4370303.691	192.861432	73.354	93.822101	282.591511	285.751	383.552180	403.331
CIRC.	760.000	108.951644	0.000	718265.693	4370300.753	177.488447	80.832	78.449117	280.647492	267.621	381.608161	403.195
CIRC.	780.000	108.085495	0.000	718285.514	4370298.085	165.172468	91.913	66.133137	278.484942	249.652	379.445611	403.098
CIRC.	800.000	107.219345	0.000	718305.370	4370295.687	155.654087	105.467	56.614757	276.055762	231.883	377.016431	403.042
CIRC.	818.276	106.427872	0.000	718323.540	4370293.732	148.873195	119.301	49.833864	273.550514	215.868	374.511183	403.025
CIRC.	820.000	106.353196	0.000	718325.256	4370293.559	148.310143	120.660	49.270813	273.297919	214.370	374.258588	403.025
CIRC.	840.000	105.487046	0.000	718345.169	4370291.702	142.559038	136.946	43.519707	270.130726	197.183	371.091395	403.049
CIRC.	860.000	104.620897	0.000	718365.106	4370290.116	137.960473	153.976	38.921143	266.448626	180.419	367.409296	403.112
CIRC.	880.000	103.754748	0.000	718385.063	4370288.801	134.202534	171.526	35.163203	262.113442	164.212	363.074111	403.216
CIRC.	883.276	103.612887	0.000	718388.333	4370288.612	133.651135	174.439	34.611804	261.329510	161.623	362.290179	403.236
CIRC.	900.000	102.888598	0.000	718405.035	4370287.758	131.067555	189.448	32.028225	256.946024	148.748	357.906694	403.345
CIRC.	920.000	102.022449	0.000	718425.020	4370286.987	128.402764	207.644	29.363433	250.720874	134.286	351.681543	403.475
CIRC.	940.000	101.156300	0.000	718445.014	4370286.488	126.099392	226.043	27.060062	243.173569	121.189	344.134238	403.605
CIRC.	960.000	100.290150	0.000	718465.013	4370286.260	124.078657	244.599	25.039326	234.042527	109.948	335.003196	403.735
CIRC.	980.000	99.424001	0.000	718485.012	4370286.305	122.282471	263.273	23.243140	223.177944	101.187	324.138613	403.865
CIRC.	1000.000	98.557852	0.000	718505.010	4370286.622	120.667262	282.040	21.627932	210.729153	95.592	311.689823	403.995

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 5 (Derecha): TRANSICIÓN CALZADA IZQUIERDA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 1019.402 Dis= -93.731 K : 1.000000000
Distancia: 233.771 Azimut: 92.420961
BO : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 1269.356 Dis= -93.304 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1000.000	98.557852	0.000	718505.010	4370286.622	210.729153	95.592	118.308192	270.910023	276.520	378.489062	403.995
CIRC.	1020.000	97.691702	0.000	718525.001	4370287.211	197.311727	93.732	104.890766	268.867273	258.453	376.446312	404.125
CIRC.	1040.000	96.825553	0.000	718544.982	4370288.072	183.926427	95.826	91.505466	266.583870	240.564	374.162909	404.255
CIRC.	1060.000	95.959404	0.000	718564.950	4370289.205	171.559971	101.629	79.139009	264.005227	222.899	371.584266	404.385
CIRC.	1080.000	95.093254	0.000	718584.900	4370290.609	160.798785	110.557	68.377824	261.060577	205.521	368.639615	404.515
CIRC.	1100.000	94.227105	0.000	718604.830	4370292.285	151.768469	121.925	59.347508	257.657472	188.512	365.236511	404.645
CIRC.	1120.000	93.360956	0.000	718624.735	4370294.231	144.307904	135.116	51.886943	253.674679	171.985	361.253718	404.775
CIRC.	1140.000	92.494806	0.000	718644.611	4370296.449	138.153104	149.647	45.732143	248.953736	156.097	356.532774	404.905
CIRC.	1160.000	91.628657	0.000	718664.456	4370298.936	133.041288	165.162	40.620326	243.291100	141.068	350.870139	405.035
CIRC.	1180.000	90.762508	0.000	718684.265	4370301.693	128.749717	181.407	36.328755	236.436972	127.204	344.016010	405.165
CIRC.	1193.904	90.160370	0.000	718698.013	4370303.769	126.154436	193.031	33.733475	230.823604	118.474	338.402643	405.255
CIRC.	1200.000	89.896358	0.000	718704.034	4370304.720	125.101902	198.199	32.680941	228.115969	114.933	335.695008	405.294
CIRC.	1220.000	89.030209	0.000	718723.761	4370308.015	121.961854	215.408	29.540893	218.098593	104.818	325.677632	405.405
CIRC.	1240.000	88.164059	0.000	718743.441	4370311.578	119.225705	232.939	26.804744	206.354497	97.533	313.933536	405.493
CIRC.	1260.000	87.297910	0.000	718763.070	4370315.408	116.814043	250.720	24.393081	193.257061	93.742	300.836100	405.557

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 5 (Derecha): TRANSICIÓN CALZADA IZQUIERDA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 1269.356 Dis= -93.304 K : 1.000000000
Distancia: 212.806 Azimut: 72.653571
BO : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 1496.433 Dis=-124.467 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1260.000	87.297910	0.000	718763.070	4370315.408	193.257061	93.742	120.603490	250.299476	258.384	377.645905	405.557
CIRC.	1280.000	86.431761	0.000	718782.646	4370319.506	179.658535	93.871	107.004964	247.438122	241.838	374.784551	405.597
CIRC.	1300.000	85.565611	0.000	718802.164	4370323.869	166.627158	97.903	93.973587	244.224709	225.683	371.571137	405.614
CIRC.	1304.404	85.374895	0.000	718806.454	4370324.865	163.925203	99.277	91.271632	243.463205	222.188	370.809634	405.615
CIRC.	1320.000	84.699462	0.000	718821.621	4370328.497	154.988293	105.392	82.334722	240.589664	210.015	367.936093	405.607
CIRC.	1340.000	83.833313	0.000	718841.013	4370333.390	145.084279	115.666	72.430707	236.449345	194.952	363.795774	405.577
CIRC.	1360.000	82.967163	0.000	718860.337	4370338.546	136.865759	128.055	64.212188	231.705569	180.651	359.051998	405.524
CIRC.	1380.000	82.101014	0.000	718879.589	4370343.964	130.096620	142.004	57.443049	226.248167	167.308	353.594596	405.446
CIRC.	1400.000	81.234865	0.000	718898.765	4370349.644	124.501706	157.097	51.848135	219.963752	155.175	347.310181	405.346
CIRC.	1414.904	80.589420	0.000	718913.004	4370354.046	120.947205	168.905	48.293634	214.683667	147.101	342.030096	405.255
CIRC.	1420.000	80.368715	0.000	718917.863	4370355.585	119.833926	173.032	47.180355	212.755283	144.559	340.101712	405.222
CIRC.	1440.000	79.502566	0.000	718936.877	4370361.784	115.892800	189.595	43.239229	204.576715	135.819	331.923144	405.092
CLOT.	1452.598	78.956991	0.000	718948.810	4370365.822	113.711613	200.278	41.058042	198.945412	131.448	326.291841	405.010
CLOT.	1460.000	78.643393	0.000	718955.806	4370368.241	112.522600	206.631	39.869029	195.481074	129.336	322.827502	404.962
CLOT.	1480.000	77.865873	0.000	718974.650	4370374.943	109.607402	224.036	36.953831	185.664633	125.476	313.011062	404.832

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 5 (Derecha): TRANSICIÓN CALZADA IZQUIERDA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 1496.433 Dis=-124.467 K : 1.000000000
Distancia: 190.802 Azimut: 81.452411
BO : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 1632.040 Dis=-122.074 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	1480.000	77.865873	0.000	718974.650	4370374.943	185.664633	125.476	104.212222	245.715107	235.192	364.262697	404.832
CLOT.	1500.000	77.190212	0.000	718993.415	4370381.860	175.479254	124.515	94.026843	242.914289	217.848	361.461878	404.702
CLOT.	1520.000	76.616410	0.000	719012.113	4370388.960	165.378216	126.549	83.925805	239.688248	200.888	358.235837	404.572
CLOT.	1540.000	76.144467	0.000	719030.751	4370396.214	155.801600	131.470	74.349189	235.924710	184.439	354.472300	404.442
CLOT.	1560.000	75.774384	0.000	719049.341	4370403.591	147.069304	139.001	65.616893	231.481698	168.674	350.029287	404.312
CLOT.	1580.000	75.506159	0.000	719067.893	4370411.061	139.338994	148.772	57.886583	226.184540	153.827	344.732129	404.182
CLOT.	1600.000	75.339794	0.000	719086.420	4370418.594	132.629358	160.398	51.176947	219.831033	140.212	338.378622	404.052
CLOT.	1620.000	75.275288	0.000	719104.934	4370426.161	126.871579	173.531	45.419168	212.216632	128.252	330.764222	403.922
CIRC.	1622.666	75.274383	0.000	719107.401	4370427.170	126.170383	175.379	44.717972	211.097365	126.810	329.644954	403.905
RECTA	1632.040	75.393833	0.000	719116.080	4370430.712	123.821571	182.044	42.369160	206.957146	122.074	325.504735	403.844
RECTA	1632.040	75.393833	0.000	719116.080	4370430.712	123.821571	182.044	42.369160	206.957146	122.074	325.504735	403.844

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 17 (Derecha): ENLACE A-66 - RAMAL 4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 0.000 Dis= 68.439 K : 1.000000000
Distancia: 190.912 Azimut: 82.582182
BO : B01 X: 721776.335 Y: 4371188.777 Z: 408.569 PK: 67.583 Dis= -75.888 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	91.316900	0.000	721645.222	4371180.860	55.948894	68.439	373.366713	296.160642	131.351	13.578460	406.042
CLOT.	0.000	91.316900	0.000	721645.222	4371180.860	55.948894	68.439	373.366712	296.160642	131.351	13.578460	406.042
CLOT.	20.000	99.274647	0.000	721665.119	4371182.751	64.321365	85.706	381.739183	296.553815	111.379	13.971634	406.142
CLOT.	26.850	105.659206	0.000	721671.961	4371182.502	67.000718	91.451	384.418536	296.177303	104.562	13.595121	406.176
CLOT.	35.600	116.530237	0.000	721680.574	4371181.021	70.597368	98.355	388.015186	294.855115	96.074	12.272933	406.198
CLOT.	40.000	123.147888	0.000	721684.762	4371179.677	72.521862	101.552	389.939680	293.694269	92.024	11.112087	406.192
CIRC.	40.000	123.147889	0.000	721684.762	4371179.677	72.521862	101.552	389.939680	293.694269	92.024	11.112087	406.192
CIRC.	60.000	154.978876	0.000	721700.944	4371168.280	82.223179	112.788	399.640998	283.100455	78.128	0.518273	406.028
CIRC.	61.850	157.923256	0.000	721702.113	4371166.846	83.176672	113.530	0.594490	281.710109	77.394	399.127928	406.001
CIRC.	62.305	158.647097	0.000	721702.390	4371166.486	83.412094	113.704	0.829913	281.360311	77.232	398.778130	405.994
CIRC.	64.044	161.414940	0.000	721703.411	4371165.079	84.315766	114.340	1.733585	279.996716	76.678	397.414534	405.965
CIRC.	65.807	164.221397	0.000	721704.384	4371163.608	85.237267	114.936	2.655085	278.577315	76.227	395.995133	405.934
CIRC.	67.583	167.047502	0.000	721705.296	4371162.084	86.170036	115.487	3.587854	277.118370	75.888	394.536188	405.899

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 18 (Derecha): ENLACE A-66 - OVOIDE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B06 X: 720854.869 Y: 4370925.216 Z: 415.878 PK: 168.848 Dis= 880.354 K : 1.000000000
Distancia: 266.093 Azimut: 86.365409
BO : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 171.540 Dis= 615.430 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	282.888993	0.000	721784.557	4371299.354	75.642763	1002.147	389.277354	71.808958	741.162	185.443549	405.623
RECTA	0.000	282.888993	0.000	721784.557	4371299.354	75.642763	1002.147	389.277354	71.808958	741.162	185.443549	405.623
RECTA	20.000	282.888993	0.000	721765.275	4371294.043	75.495542	982.279	389.130133	71.503354	721.473	185.137945	405.694
CIRC.	26.318	282.888993	0.000	721759.184	4371292.365	75.447792	976.004	389.082383	71.403323	715.257	185.037914	405.701
CIRC.	29.561	280.576748	0.000	721756.073	4371291.447	75.426871	972.777	389.061462	71.356480	712.056	184.991071	405.702
CIRC.	40.000	273.134882	0.000	721746.322	4371287.737	75.411381	962.346	389.045972	71.274813	701.663	184.909404	405.692
CIRC.	57.152	260.907555	0.000	721731.444	4371279.257	75.562927	945.372	389.197518	71.381141	684.577	185.015732	405.633
CIRC.	59.281	259.389727	0.000	721729.719	4371278.010	75.597378	943.305	389.231969	71.416000	682.481	185.050590	405.623
CIRC.	60.000	258.876880	0.000	721729.142	4371277.579	75.609804	942.610	389.244395	71.428880	681.775	185.063470	405.619
CIRC.	69.281	252.260726	0.000	721722.035	4371271.618	75.805622	933.794	389.440213	71.645304	672.789	185.279895	405.598
CIRC.	80.000	244.618878	0.000	721714.648	4371263.859	76.113202	924.066	389.747793	72.012135	662.791	185.646726	405.626
CIRC.	100.000	230.360877	0.000	721703.562	4371247.263	76.911277	907.741	390.545868	73.027586	645.778	186.662177	405.833
CIRC.	109.281	223.744723	0.000	721699.738	4371238.811	77.373622	901.191	391.008213	73.638645	638.846	187.273235	405.998
CIRC.	119.088	216.752907	0.000	721696.672	4371229.500	77.918585	895.110	391.553176	74.372660	632.336	188.007251	406.194
CIRC.	120.000	216.102875	0.000	721696.439	4371228.619	77.971959	894.592	391.606549	74.445211	631.777	188.079801	406.212
CIRC.	140.000	201.844873	0.000	721693.635	4371208.859	79.240217	885.428	392.874808	76.195819	621.710	189.830409	406.453
CIRC.	146.588	197.148154	0.000	721693.688	4371202.272	79.691069	883.389	393.325659	76.827987	619.383	190.462577	406.469
CIRC.	160.000	187.586872	0.000	721695.290	4371188.969	80.640389	880.837	394.274980	78.171195	616.282	191.805786	406.403
CIRC.	174.088	177.543402	0.000	721699.096	4371175.420	81.657489	880.524	395.292080	79.623572	615.472	193.258162	406.194

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 18 (Derecha): ENLACE A-66 - OVOIDE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 171.540 Dis= 615.430 K : 1.000000000
Distancia: 502.292 Azimut: 79.972634
BO : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 173.671 Dis= 113.219 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	160.000	187.586872	0.000	721695.290	4371188.969	78.171195	616.282	398.198562	70.288824	115.072	190.316190	406.403

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 18 (Derecha): ENLACE A-66 - OVOIDE

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 173.671 Dis= 113.219 K : 1.000000000
Distancia: 335.787 Azimut: 264.042358
BO : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 185.754 Dis= 446.042 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	160.000	187.586872	0.000	721695.290	4371188.969	70.288824	115.072	206.246466	65.635703	450.447	1.593345	406.403
CIRC.	174.088	177.543402	0.000	721699.096	4371175.420	78.074853	113.221	214.032495	67.570109	446.955	3.527751	406.194
CIRC.	180.000	173.328870	0.000	721701.321	4371169.944	81.385337	113.619	217.342979	68.406901	446.265	4.364544	406.075
CIRC.	199.323	159.553781	0.000	721711.022	4371153.277	91.411661	119.585	227.369304	71.151322	447.276	7.108964	405.689

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 18 (Derecha): ENLACE A-66 - OVOIDE

==========
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 185.754 Dis= 446.042 K : 1.000000000
Distancia: 196.654 Azimut: 99.473291
BO : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 207.593 Dis= 282.224 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	180.000	173.328870	0.000	721701.321	4371169.944	68.406901	446.265	368.933610	47.641030	287.737	148.167739	406.075
CIRC.	199.323	159.553781	0.000	721711.022	4371153.277	71.151322	447.276	371.678030	51.798413	282.727	152.325122	405.689
CIRC.	200.000	159.070869	0.000	721711.426	4371152.733	71.246047	447.401	371.772756	51.949923	282.648	152.476631	405.676

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 18 (Derecha): ENLACE A-66 - OVOIDE

==========
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 207.593 Dis= 282.224 K : 1.000000000
Distancia: 355.091 Azimut: 55.216945
BO : B01 X: 721776.335 Y: 4371188.777 Z: 408.569 PK: 250.810 Dis= -70.615 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	200.000	159.070869	0.000	721711.426	4371152.733	51.949923	282.648	396.732978	267.729376	74.245	12.512431	405.676
CIRC.	220.000	144.812867	0.000	721725.102	4371138.197	56.437704	283.355	1.220759	250.408019	71.994	395.191074	405.412
CIRC.	230.751	137.148349	0.000	721733.696	4371131.748	58.758735	286.128	3.541790	240.871268	71.207	385.654323	405.375
CIRC.	240.000	130.554865	0.000	721741.665	4371127.061	60.636516	289.779	5.419571	232.584336	70.788	377.367391	405.402
CIRC.	254.323	120.344276	0.000	721754.844	4371121.492	63.242637	297.540	8.025692	219.681983	70.634	364.465038	405.552
CIRC.	256.286	118.944412	0.000	721756.715	4371120.896	63.566680	298.786	8.349735	217.912640	70.660	362.695695	405.581
CIRC.	260.000	116.296864	0.000	721760.287	4371119.881	64.155781	301.252	8.938836	214.569210	70.740	359.352265	405.635
CIRC.	280.000	102.038862	0.000	721780.038	4371117.017	66.762702	316.692	11.545757	196.717378	71.856	341.500433	405.856
CIRC.	300.000	87.780861	0.000	721799.933	4371118.611	68.386470	334.840	13.169525	179.346010	74.028	324.129065	405.964
RECTA	304.148	84.824028	0.000	721803.985	4371119.496	68.602880	338.826	13.385935	175.825891	74.594	320.608946	405.972
RECTA	308.786	84.824028	0.000	721808.492	4371120.592	68.819684	343.316	13.602739	171.945421	75.388	316.728476	405.975
RECTA	320.000	84.824028	0.000	721819.389	4371123.240	69.321073	354.189	14.104128	162.997521	78.414	307.780576	405.957
CIRC.	330.465	84.824028	0.000	721829.558	4371125.711	69.761979	364.354	14.545034	155.375771	82.523	300.158826	405.908
CIRC.	334.577	81.906136	0.000	721833.529	4371126.773	69.912634	368.372	14.695689	152.567396	84.355	297.350451	405.880
CIRC.	340.000	78.057060	0.000	721838.686	4371128.450	70.058120	373.728	14.841175	148.949724	86.758	293.732779	405.840
CIRC.	354.290	67.915146	0.000	721851.695	4371134.327	70.165808	387.989	14.948863	139.832479	92.973	284.615534	405.734
CIRC.	354.449	67.802301	0.000	721851.834	4371134.404	70.164863	388.148	14.947919	139.734058	93.041	284.517113	405.733
CIRC.	354.774	67.571641	0.000	721852.118	4371134.562	70.162791	388.472	14.945846	139.533074	93.179	284.316129	405.731
CIRC.	358.358	65.028001	0.000	721855.211	4371136.372	70.127501	392.049	14.910556	137.333248	94.698	282.116303	405.704
CIRC.	359.054	64.534035	0.000	721855.804	4371136.737	70.118037	392.743	14.901092	136.909482	94.991	281.692538	405.699
CIRC.	360.000	63.862639	0.000	721856.604	4371137.242	70.103833	393.685	14.886888	136.335241	95.389	281.118296	405.692
CIRC.	362.574	62.035817	0.000	721858.754	4371138.657	70.057456	396.243	14.840511	134.782676	96.462	279.565731	405.673
CIRC.	363.272	61.540432	0.000	721859.330	4371139.051	70.042956	396.935	14.826011	134.364100	96.752	279.147156	405.668
CIRC.	366.715	59.096862	0.000	721862.125	4371141.061	69.959654	400.338	14.742709	132.314078	98.167	277.097133	405.643
CIRC.	367.276	58.698709	0.000	721862.574	4371141.398	69.944252	400.890	14.727307	131.982300	98.396	276.765355	405.639
CIRC.	370.666	56.292755	0.000	721865.235	4371143.497	69.840522	404.216	14.623577	129.990328	99.768	274.773383	405.614
CIRC.	371.663	55.585163	0.000	721866.003	4371144.133	69.806587	405.190	14.589642	129.408583	100.167	274.191638	405.606
CIRC.	374.906	53.283537	0.000	721868.450	4371146.261	69.685691	408.339	14.468746	127.528650	101.453	272.311705	405.583
CIRC.	375.694	52.724277	0.000	721869.033	4371146.791	69.653926	409.100	14.436981	127.074627	101.763	271.857683	405.577
CIRC.	378.841	50.490785	0.000	721871.314	4371148.960	69.517967	412.122	14.301022	125.271812	102.987	270.054867	405.554
CIRC.	379.722	49.865521	0.000	721871.938	4371149.581	69.477340	412.963	14.260395	124.770016	103.326	269.553071	405.547
CIRC.	380.000	49.668218	0.000	721872.134	4371149.778	69.464291	413.228	14.247346	124.611931	103.433	269.394986	405.545
CIRC.	383.344	47.294911	0.000	721874.441	4371152.198	69.298825	416.393	14.081880	122.719795	104.704	267.502850	405.520
CIRC.	388.774	43.441126	0.000	721877.991	4371156.306	68.997752	421.448	13.780807	119.682653	106.716	264.465708	405.480
CIRC.	400.000	35.473798	0.000	721884.508	4371165.438	68.256992	431.510	13.040047	113.528013	110.662	258.311068	405.398
CIRC.	409.401	28.801710	0.000	721889.053	4371173.663	67.525438	439.463	12.308493	108.485787	113.726	253.268842	405.328
CIRC.	412.508	26.596607	0.000	721890.362	4371176.480	67.263393	441.985	12.046448	106.838980	114.688	251.622035	405.305
CIRC.	416.429	23.813791	0.000	721891.874	4371180.098	66.919277	445.088	11.702332	104.773419	115.865	249.556474	405.277
CIRC.	417.858	22.799599	0.000	721892.386	4371181.432	66.790275	446.195	11.573330	104.023986	116.283	248.807041	405.266
CIRC.	420.000	21.279377	0.000	721893.112	4371183.447	66.593431	447.831	11.376486	102.903842	116.899	247.686897	405.250
CIRC.	425.260	17.546244	0.000	721894.691	4371188.463	66.093043	451.725	10.876098	100.168735	118.357	244.951790	405.211
CIRC.	440.000	7.084956	0.000	721897.522	4371202.912	64.574536	461.632	9.357592	92.607964	122.009	237.391019	405.103
CIRC.	460.000	392.890535	0.000	721897.518	4371222.871	62.290249	472.474	7.073304	82.540653	125.888	227.323708	404.956
CIRC.	461.493	391.830922	0.000	721897.339	4371224.353	62.111367	473.156	6.894422	81.796001	126.126	226.579056	404.944
CIRC.	466.602	388.204957	0.000	721896.542	4371229.399	61.491899	475.346	6.274954	79.253678	126.885	224.036733	404.907
CIRC.	473.291	383.457633	0.000	721895.066	4371235.921	60.665314	477.882	5.448369	75.937323	127.748	220.720378	404.858
CIRC.	474.467	382.623001	0.000	721894.756	4371237.056	60.518354	478.288	5.301409	75.355535	127.884	220.138590	404.849

CIRC.	477.385	380.552035	0.000	721893.924	4371239.852	60.151780	479.244	4.934836	73.913408	128.202	218.696463	404.827
CIRC.	480.000	378.696114	0.000	721893.101	4371242.334	59.821089	480.038	4.604144	72.622668	128.463	217.405723	404.808
CIRC.	489.002	372.307206	0.000	721889.723	4371250.675	58.669164	482.311	3.452219	68.189248	129.183	212.972303	404.742
CIRC.	489.850	371.705362	0.000	721889.362	4371251.442	58.559721	482.488	3.342776	67.772272	129.236	212.555327	404.736
CIRC.	492.320	369.952351	0.000	721888.270	4371253.657	58.240176	482.967	3.023231	66.558249	129.378	211.341304	404.717
CIRC.	494.750	368.227729	0.000	721887.136	4371255.806	57.924789	483.385	2.707844	65.364556	129.498	210.147612	404.699
CIRC.	496.771	366.793383	0.000	721886.149	4371257.569	57.661806	483.692	2.444861	64.372208	129.582	209.155263	404.685
CIRC.	497.763	366.089340	0.000	721885.650	4371258.427	57.532519	483.830	2.315574	63.885240	129.618	208.668295	404.677
CIRC.	500.000	364.501694	0.000	721884.490	4371260.340	57.240536	484.107	2.023591	62.787361	129.687	207.570416	404.661
CIRC.	520.000	350.307273	0.000	721872.110	4371275.995	54.617673	484.569	399.400728	52.974765	129.537	197.757820	404.513
CIRC.	540.000	336.112852	0.000	721856.575	4371288.525	52.019889	481.413	396.802944	43.126713	128.016	187.909768	404.366
CIRC.	542.384	334.420877	0.000	721854.547	4371289.779	51.715101	480.798	396.498156	41.947646	127.744	186.730701	404.348
CIRC.	560.000	321.918431	0.000	721838.654	4371297.310	49.515581	474.724	394.298636	33.182222	125.152	177.965277	404.219
CIRC.	571.545	313.724702	0.000	721827.566	4371300.498	48.140487	469.324	392.923542	27.371439	122.907	172.154494	404.134
CIRC.	580.000	307.724011	0.000	721819.233	4371301.915	47.176850	464.691	391.959905	23.072457	120.998	167.855512	404.071
CIRC.	595.122	296.991609	0.000	721804.140	4371302.474	45.566021	455.060	390.349076	15.268898	117.048	160.051953	403.960
CIRC.	600.000	293.529590	0.000	721799.276	4371302.111	45.082180	451.608	389.865235	12.714481	115.633	157.497536	403.924
CIRC.	607.538	288.179713	0.000	721791.818	4371301.032	44.373653	445.965	389.156708	8.725418	113.318	153.508473	403.868
CIRC.	607.651	288.099514	0.000	721791.707	4371301.012	44.363415	445.878	389.146470	8.665206	113.282	153.448261	403.868
CIRC.	614.993	282.888993	0.000	721784.557	4371299.354	43.724108	440.039	388.507163	4.724767	110.882	149.507822	403.813

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B49                   X:  712883.288  Y: 4370138.237  Z: 360.572  PK:      31.882 Dis= 104.142  K : 1.000000000
                                                                        Distancia:   211.037  Azimut:  58.907533
 BO : B48                   X:  713051.867  Y: 4370265.193  Z: 361.446  PK:      42.117 Dis= 312.313  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	0.000000	0.000	712793.859	4370066.317	256.881306	114.761	197.973773	258.193827	325.761	399.286294	367.458
CIRC.	20.000	383.883044	0.000	712791.341	4370086.104	267.163478	105.698	208.255945	261.660926	316.144	2.753392	367.333
CIRC.	40.000	367.766087	0.000	712783.947	4370104.629	279.232255	104.872	220.324722	265.628752	312.349	6.721219	367.151
CIRC.	56.927	354.125900	0.000	712774.221	4370118.443	288.570746	110.849	229.663213	269.045872	314.043	10.138339	366.952

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B48                   X:  713051.867  Y: 4370265.193  Z: 361.446  PK:      42.117 Dis= 312.313  K : 1.000000000
                                                                        Distancia:   305.589  Azimut:  33.411624
 BO : B47                   X:  713204.987  Y: 4370529.653  Z: 359.989  PK:      59.827 Dis= 595.467  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	367.766087	0.000	712783.947	4370104.629	265.628752	312.349	232.217128	249.700258	598.264	16.288634	367.151

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B47                   X:  713204.987  Y: 4370529.653  Z: 359.989  PK:      59.827 Dis= 595.467  K : 1.000000000
                                                                        Distancia:   197.142  Azimut:   1.827356
 BO : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:      73.219 Dis= 746.790  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	367.766087	0.000	712783.947	4370104.629	249.700258	598.264	247.872903	238.274295	754.361	36.446940	367.151
CIRC.	56.927	354.125900	0.000	712774.221	4370118.443	251.478372	595.527	249.651016	239.620881	748.638	37.793526	366.952
CIRC.	60.000	351.649131	0.000	712772.149	4370120.712	251.806863	595.467	249.979507	239.876788	748.009	38.049432	366.912

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:      73.219 Dis= 746.790  K : 1.000000000
                                                                        Distancia:  1380.604  Azimut: 255.274555
 BO : B54                   X:  712156.968  Y: 4369834.619  Z: 352.894  PK:     279.283 Dis= 525.091  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	60.000	351.649131	0.000	712772.149	4370120.712	239.876788	748.009	384.602233	72.287699	678.452	17.013144	366.912
CIRC.	80.000	335.532175	0.000	712756.698	4370133.328	241.573767	747.111	386.299212	70.581532	670.002	15.306977	366.652
CIRC.	100.000	319.415219	0.000	712738.580	4370141.671	243.221882	751.745	387.947327	69.076611	657.688	13.802056	366.392
CIRC.	120.000	303.298262	0.000	712718.950	4370145.211	244.684962	761.518	389.410407	67.857561	642.099	12.583006	366.132
CIRC.	124.741	299.478005	0.000	712714.211	4370145.314	244.991849	764.508	389.717294	67.619809	638.006	12.345255	366.070
CIRC.	140.000	287.181306	0.000	712699.059	4370143.721	245.852731	775.630	390.578176	67.009016	624.025	11.734461	365.888
CIRC.	160.000	271.064350	0.000	712680.176	4370137.296	246.652055	792.976	391.377500	66.611669	604.450	11.337115	365.701
CIRC.	180.000	254.947394	0.000	712663.503	4370126.346	247.049243	812.284	391.774688	66.734648	584.536	11.460093	365.572
CIRC.	200.000	238.830437	0.000	712650.104	4370111.570	247.045400	832.231	391.770846	67.423286	565.584	12.148731	365.500
CIRC.	214.926	226.801952	0.000	712642.757	4370098.602	246.797027	846.771	391.522472	68.310961	552.882	13.036406	365.484
CIRC.	220.000	222.713481	0.000	712640.834	4370093.908	246.668346	851.544	391.393791	68.682747	548.960	13.408192	365.486
CIRC.	240.000	206.596525	0.000	712636.283	4370074.488	245.964152	869.075	390.689597	70.460805	535.985	15.186251	365.529
CIRC.	260.000	190.479569	0.000	712636.741	4370054.547	244.990085	883.841	389.715531	72.637011	527.778	17.362456	365.630

```
Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE :  50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR


                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B54                   X:  712156.968  Y: 4369834.619  Z: 352.894  PK:     279.283 Dis= 525.091  K : 1.000000000
                                                                        Distancia:   394.925  Azimut: 273.805511
BO : B56                   X:  711795.005  Y: 4369676.669  Z: 357.363  PK:     279.840 Dis= 919.978  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
----- ---------- ---------- --------- ------------ ------------ ---------- --------- ---------- ---------- --------- ---------- ----------

CIRC.     260.000 190.479569     0.000   712636.741  4370054.547  72.637011   527.778 198.831500  73.137137   922.665 399.331625    365.630
```

```
Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE :  50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR


                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B56                   X:  711795.005  Y: 4369676.669  Z: 357.363  PK:     279.840 Dis= 919.978  K : 1.000000000
                                                                        Distancia:   180.590  Azimut:  80.507348
BO : B55                   X:  711967.196  Y: 4369731.104  Z: 353.459  PK:     281.483 Dis= 740.370  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
----- ---------- ---------- --------- ------------ ------------ ---------- --------- ---------- ---------- --------- ---------- ----------

CIRC.     260.000 190.479569     0.000   712636.741  4370054.547  73.137137   922.665 392.629788  71.350913   743.576 190.843565    365.630

CIRC.     280.000 174.362612     0.000   712642.179  4370035.355  74.502886   919.978 393.995538  73.040355   740.386 192.533007    365.789
```

```
Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE :  50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR


                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B55                   X:  711967.196  Y: 4369731.104  Z: 353.459  PK:     281.483 Dis= 740.370  K : 1.000000000
                                                                        Distancia:   379.165  Azimut:  87.209596
BO : B53                   X:  712338.734  Y: 4369806.771  Z: 354.808  PK:     295.903 Dis= 377.984  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
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CIRC.     280.000 174.362612     0.000   712642.179  4370035.355  73.040355   740.386 385.830759  58.899275   379.907 171.689679    365.789
```

```
Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE :  50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR


                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B53                   X:  712338.734  Y: 4369806.771  Z: 354.808  PK:     295.903 Dis= 377.984  K : 1.000000000
                                                                        Distancia:   197.958  Azimut:  83.751243
BO : B52                   X:  712530.279  Y: 4369856.750  Z: 358.001  PK:     315.234 Dis= 200.263  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
----- ---------- ---------- --------- ------------ ------------ ---------- --------- ---------- ---------- --------- ---------- ----------

CIRC.     280.000 174.362612     0.000   712642.179  4370035.355  58.899275   379.907 375.148033  35.631060   210.764 151.879818    365.789

CIRC.     300.000 158.245656     0.000   712652.250  4370018.138  62.236487   378.112 378.485244  41.200734   202.295 157.449491    366.006

CIRC.     305.112 154.125900     0.000   712655.497  4370014.190  63.092056   378.631 379.340813  42.773892   201.164 159.022650    366.070
```

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Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE :  50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR


                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B52                   X:  712530.279  Y: 4369856.750  Z: 358.001  PK:     315.234 Dis= 200.263  K : 1.000000000
                                                                        Distancia:   239.103  Azimut:  80.455802
BO : B51                   X:  712758.203  Y: 4369929.007  Z: 362.758  PK:     396.434 Dis=  64.988  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
----- ---------- ---------- --------- ------------ ------------ ---------- --------- ---------- ---------- --------- ---------- ----------

CIRC.     300.000 158.245656     0.000   712652.250  4370018.138  41.200734   202.295 360.744932 344.524216   138.457  64.068414    366.006

CIRC.     305.112 154.125900     0.000   712655.497  4370014.190  42.773892   201.164 362.318090 344.079990   133.434  63.624188    366.070

CIRC.     320.000 142.128700     0.000   712666.313  4370003.992  47.482443   200.464 367.026641 343.573035   118.602  63.117233    366.264

CIRC.     340.000 126.011744     0.000   712683.471  4369993.820  53.532361   205.562 373.076559 345.482359    98.922  65.026557    366.524

CIRC.     360.000 109.894787     0.000   712702.630  4369988.269  58.503468   216.799 378.047666 352.044202    81.243  71.588400    366.784

CIRC.     372.926  99.478004     0.000   712715.507  4369987.319  60.910570   226.622 380.454768 359.764950    72.272  79.309148    366.952

CIRC.     380.000  93.777831     0.000   712722.568  4369987.694  61.940188   232.640 381.484386 365.259524    68.658  84.803722    367.040
```

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Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE :  50 (Derecha): ENLACE MALPARTIDA OESTE - CALZADA ANULAR


                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion   :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B51                   X:  712758.203  Y: 4369929.007  Z: 362.758  PK:     396.434 Dis=  64.988  K : 1.000000000
                                                                        Distancia:   200.713  Azimut:  82.549660
BO : B50                   X:  712951.423  Y: 4369983.338  Z: 366.172  PK:     469.720 Dis= 171.695  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
----- ---------- ---------- --------- ------------ ------------ ---------- --------- ---------- ---------- --------- ---------- ----------

CIRC.     380.000  93.777831     0.000   712722.568  4369987.694 365.259524    68.658 282.709864 301.211514   228.896  18.661854    367.040

CIRC.     400.000  77.660875     0.000   712742.015  4369992.131 384.018253    65.166 301.468592 302.671500   209.593  20.121840    367.251

CIRC.     420.000  61.543918     0.000   712759.731  4370001.297   1.345028    72.306 318.795368 305.946954   192.532  23.397294    367.404

CIRC.     440.000  45.426962     0.000   712774.586  4370014.609  12.038213    87.155 329.488552 311.142315   179.581  28.592655    367.499

CIRC.     460.000  29.310006     0.000   712785.633  4370031.216  16.691746   105.826 334.142086 317.897984   172.565  35.348324    367.537

CIRC.     463.112  26.801953     0.000   712786.961  4370034.031  17.014818   108.890 334.465158 319.034646   172.098  36.484986    367.538

CIRC.     480.000  13.193050     0.000   712792.169  4370050.062  17.414538   125.730 334.864878 325.258436   172.667  42.708776    367.517

CIRC.     496.372   0.000000     0.000   712793.859  4370066.317  16.174239   141.864 333.624579 330.858731   178.078  48.309071    367.458
```

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 55 (Derecha): ENLACE MALPARTIDA OESTE - CONEXIÓN EX-207

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B49                   X:  712883.288  Y: 4370138.237  Z: 360.572  PK:       0.000 Dis= 203.054  K : 1.000000000
                                                                        Distancia:   506.652  Azimut:  43.795864
 BO : B47                   X:  713204.987  Y: 4370529.653  Z: 359.989  PK:      89.328 Dis= 645.086  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	371.118095	0.000	712680.236	4370137.326	299.714248	203.054	255.918384	259.129499	655.198	15.333635	365.702
RECTA	4.089	371.118095	0.000	712678.444	4370141.001	300.858899	204.862	257.063035	259.520220	654.445	15.724356	365.620
RECTA	20.000	371.118095	0.000	712671.471	4370155.302	305.117982	212.504	261.322118	261.048823	651.750	17.252959	365.249
RECTA	40.000	371.118095	0.000	712662.705	4370173.279	310.029671	223.349	266.233807	262.986779	648.900	19.190915	364.633
CLOT.	53.956	371.118095	0.000	712656.589	4370185.823	313.172050	231.640	269.376186	264.348332	647.271	20.552467	364.105
CLOT.	60.000	371.021996	0.000	712653.937	4370191.255	314.462349	235.399	270.666484	264.940032	646.660	21.144168	363.851
CLOT.	66.489	370.704886	0.000	712651.072	4370197.077	315.798352	239.555	272.002488	265.576637	646.088	21.780773	363.561
CLOT.	80.000	369.333737	0.000	712644.957	4370209.124	318.404645	248.650	274.608781	266.906347	645.269	23.110483	362.939

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 55 (Derecha): ENLACE MALPARTIDA OESTE - CONEXIÓN EX-207

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B47                   X:  713204.987  Y: 4370529.653  Z: 359.989  PK:      89.328 Dis= 645.086  K : 1.000000000
                                                                        Distancia:   197.142  Azimut:   1.827356
 BO : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     130.330 Dis= 759.716  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	80.000	369.333737	0.000	712644.957	4370209.124	266.906347	645.269	265.078991	252.824816	766.748	50.997460	362.939
CLOT.	100.000	365.540951	0.000	712635.217	4370226.589	268.879170	645.357	267.051814	254.449954	762.393	52.622598	362.019
CIRC.	108.956	363.160348	0.000	712630.464	4370234.179	269.759470	646.051	267.932114	255.189986	761.052	53.362630	361.607
CIRC.	119.809	360.019731	0.000	712624.306	4370243.115	270.817672	647.529	268.990317	256.094413	760.040	54.267057	361.108
CIRC.	120.000	359.964501	0.000	712624.194	4370243.270	270.836165	647.561	269.008810	256.110370	760.028	54.283014	361.099

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 55 (Derecha): ENLACE MALPARTIDA OESTE - CONEXIÓN EX-207

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     130.330 Dis= 759.716  K : 1.000000000
                                                                        Distancia:  1592.923  Azimut: 257.018106
 BO : B55                   X:  711967.196  Y: 4369731.104  Z: 353.459  PK:     262.802 Dis=-807.399  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	120.000	359.964501	0.000	712624.194	4370243.270	256.110370	760.028	399.092264	57.846276	833.043	0.828170	361.099
CIRC.	140.000	354.177048	0.000	712611.711	4370258.887	257.785134	759.990	0.767028	56.318342	833.039	399.300236	360.299
CIRC.	160.000	348.389596	0.000	712597.862	4370273.306	259.446335	762.287	2.428229	54.792616	831.699	397.774510	359.734
CIRC.	180.000	342.602143	0.000	712582.760	4370286.409	261.066529	766.882	4.048424	53.273515	829.025	396.255409	359.405
CIRC.	189.509	339.850459	0.000	712575.177	4370292.145	261.814957	769.851	4.796852	52.554867	827.289	395.536761	359.331
CLOT.	199.259	337.029159	0.000	712567.152	4370297.680	262.563958	773.404	5.545852	51.821159	825.200	394.803053	359.282
CLOT.	200.000	336.816136	0.000	712566.532	4370298.086	262.620062	773.695	5.601956	51.765528	825.029	394.747423	359.278
CLOT.	220.000	332.158936	0.000	712549.371	4370308.349	264.088771	782.504	7.070665	50.270694	819.841	393.252588	359.178
CLOT.	240.000	329.606264	0.000	712531.654	4370317.626	265.479184	792.705	8.461078	48.779787	814.015	391.761681	359.078
RECTA	254.259	329.071411	0.000	712518.874	4370323.949	266.434492	800.479	9.416386	47.711154	809.823	390.693048	359.007
RECTA	260.000	329.071411	0.000	712513.721	4370326.480	266.813171	803.673	9.795065	47.278158	808.185	390.260052	358.978
RECTA	262.802	329.071411	0.000	712511.206	4370327.716	266.996907	805.242	9.978801	47.066183	807.399	390.048077	358.964

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 57 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 1

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B47 X: 713204.987 Y: 4370529.653 Z: 359.989 PK: 0.000 Dis=-254.976 K : 1.000000000
Distancia: 305.589 Azimut: 233.411624
BO : B48 X: 713051.867 Y: 4370265.193 Z: 361.446 PK: 67.814 Dis=-129.461 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	237.034486	0.000	712986.504	4370398.208	265.519676	254.976	32.108051	370.922984	148.207	337.511360	360.821
CLOT.	0.000	237.034486	0.000	712986.504	4370398.208	265.519675	254.976	32.108051	370.922982	148.207	337.511358	360.821
CLOT.	0.279	237.040317	0.000	712986.351	4370397.974	265.489520	255.228	32.077896	370.819455	148.065	337.407831	360.821
CLOT.	2.072	237.079550	0.000	712985.365	4370396.477	265.297604	256.846	31.885980	370.150402	147.166	336.738778	360.823
CLOT.	4.063	237.126800	0.000	712984.269	4370394.814	265.087616	258.646	31.675992	369.397658	146.189	335.986033	360.825
CLOT.	5.422	237.161294	0.000	712983.520	4370393.680	264.946094	259.877	31.534470	368.877704	145.534	335.466080	360.826
CLOT.	7.183	237.208650	0.000	712982.550	4370392.211	264.765064	261.474	31.353440	368.197239	144.702	334.785615	360.827
CLOT.	9.248	237.268070	0.000	712981.409	4370390.490	264.555878	263.350	31.144254	367.388704	143.748	333.977080	360.829
CLOT.	11.615	237.341318	0.000	712980.100	4370388.518	264.320267	265.506	30.908643	366.448287	142.686	333.036663	360.830
CLOT.	13.377	237.399423	0.000	712979.124	4370387.050	264.147698	267.114	30.736074	365.738666	141.918	332.327042	360.830
CLOT.	14.706	237.445234	0.000	712978.387	4370385.944	264.019213	268.327	30.607589	365.198469	141.351	331.786845	360.831
CLOT.	16.852	237.522851	0.000	712977.196	4370384.160	263.814643	270.290	30.403019	364.316787	140.460	330.905163	360.831
CLOT.	18.591	237.589106	0.000	712976.228	4370382.715	263.651333	271.885	30.239709	363.593256	139.759	330.181632	360.831
CLOT.	20.000	237.644922	0.000	712975.443	4370381.545	263.520794	273.178	30.109170	363.001918	139.206	329.590294	360.831
CLOT.	20.013	237.645454	0.000	712975.436	4370381.534	263.519578	273.190	30.107954	362.996353	139.201	329.584729	360.831
CLOT.	22.390	237.744067	0.000	712974.109	4370379.561	263.302734	275.376	29.891110	361.987467	138.298	328.575843	360.830
CLOT.	24.353	237.829689	0.000	712973.011	4370377.934	263.126811	277.185	29.715187	361.143872	137.582	327.732248	360.829
CLOT.	26.063	237.907315	0.000	712972.053	4370376.518	262.975953	278.762	29.564329	360.401908	136.980	326.990284	360.828
CLOT.	27.547	237.977025	0.000	712971.220	4370375.290	262.846728	280.133	29.435104	359.752285	136.474	326.340661	360.827
CLOT.	28.890	238.041999	0.000	712970.465	4370374.179	262.731114	281.377	29.319490	359.159796	136.030	325.748172	360.826
CLOT.	31.258	238.160809	0.000	712969.131	4370372.223	262.530536	283.571	29.118912	358.105832	135.280	324.694208	360.824
CLOT.	33.316	238.268539	0.000	712967.968	4370370.524	262.359459	285.482	28.947835	357.179889	134.661	323.768265	360.822
CLOT.	35.148	238.367875	0.000	712966.931	4370369.015	262.209776	287.185	28.798152	356.348634	134.138	322.937010	360.820
CLOT.	36.818	238.461370	0.000	712965.983	4370367.639	262.075272	288.741	28.663648	355.584343	133.683	322.172719	360.818
CLOT.	38.334	238.548537	0.000	712965.122	4370366.393	261.954961	290.154	28.543337	354.886421	133.289	321.474797	360.815
CLOT.	39.740	238.631419	0.000	712964.321	4370365.237	261.844766	291.467	28.433142	354.235064	132.940	320.823440	360.813
CLOT.	40.000	238.646973	0.000	712964.172	4370365.023	261.824519	291.710	28.412895	354.114104	132.878	320.702480	360.813
CLOT.	41.053	238.710606	0.000	712963.571	4370364.158	261.743042	292.695	28.331418	353.623264	132.629	320.211640	360.811
CLOT.	42.288	238.786594	0.000	712962.865	4370363.145	261.648488	293.850	28.236864	353.045341	132.348	319.633717	360.809
CLOT.	44.563	238.930453	0.000	712961.561	4370361.281	261.477065	295.982	28.065441	351.974320	131.864	318.562696	360.804
CLOT.	46.628	239.065418	0.000	712960.374	4370359.592	261.324497	297.920	27.912873	350.995167	131.462	317.583543	360.800
CLOT.	48.524	239.193064	0.000	712959.280	4370358.043	261.186882	299.703	27.775258	350.090369	131.124	316.678745	360.795
CLOT.	50.283	239.314590	0.000	712958.263	4370356.608	261.061397	301.359	27.649773	349.246964	130.837	315.835340	360.791
CLOT.	51.926	239.430899	0.000	712957.310	4370355.269	260.945975	302.908	27.534351	348.455334	130.593	315.043710	360.786
CLOT.	53.478	239.543128	0.000	712956.409	4370354.006	260.838639	304.373	27.427015	347.705203	130.384	314.293579	360.782
CLOT.	54.937	239.650823	0.000	712955.558	4370352.820	260.739131	305.752	27.327507	346.997513	130.207	313.585889	360.778
CLOT.	56.323	239.755046	0.000	712954.749	4370351.695	260.645896	307.064	27.234272	346.323492	130.056	312.911868	360.774
CLOT.	57.644	239.856145	0.000	712953.976	4370350.624	260.558176	308.315	27.146552	345.679510	129.928	312.267886	360.769
CLOT.	58.908	239.954421	0.000	712953.235	4370349.601	260.475342	309.513	27.063718	345.062479	129.819	311.650855	360.765
CLOT.	60.000	240.040639	0.000	712952.593	4370348.717	260.404557	310.549	26.992933	344.528221	129.737	311.116596	360.761
CLOT.	60.119	240.050131	0.000	712952.522	4370348.621	260.396868	310.662	26.985244	344.469798	129.729	311.058174	360.761
CLOT.	61.284	240.143493	0.000	712951.836	4370347.679	260.322310	311.769	26.910686	343.899261	129.654	310.487637	360.757
CLOT.	62.406	240.234696	0.000	712951.174	4370346.773	260.251294	312.835	26.839670	343.348975	129.593	309.937351	360.753
CLOT.	63.489	240.323907	0.000	712950.534	4370345.900	260.183493	313.866	26.771868	342.817279	129.546	309.405655	360.749
CLOT.	64.537	240.411269	0.000	712949.913	4370345.056	260.118629	314.863	26.707005	342.302758	129.510	308.891133	360.745
CLOT.	65.551	240.496909	0.000	712949.311	4370344.240	260.056460	315.830	26.644836	341.804152	129.484	308.392528	360.741
CLOT.	67.491	240.663470	0.000	712948.156	4370342.681	259.939370	317.680	26.527746	340.850332	129.461	307.438708	360.733
CLOT.	69.326	240.824362	0.000	712947.061	4370341.209	259.830795	319.432	26.419171	339.948292	129.471	306.536668	360.725
CLOT.	71.068	240.980215	0.000	712946.017	4370339.814	259.729598	321.098	26.317974	339.091953	129.509	305.680329	360.717
CIRC.	71.718	241.039091	0.000	712945.627	4370339.295	259.692339	321.720	26.280715	338.772803	129.530	305.361179	360.714
CIRC.	72.729	241.131053	0.000	712945.019	4370338.487	259.634859	322.689	26.223235	338.276311	129.571	304.864687	360.709
CIRC.	74.318	241.275609	0.000	712944.060	4370337.219	259.545754	324.212	26.134130	337.496658	129.654	304.085034	360.701
CIRC.	75.845	241.414491	0.000	712943.137	4370336.003	259.461569	325.678	26.049945	336.748769	129.755	303.337145	360.693
CIRC.	77.317	241.548352	0.000	712942.244	4370334.833	259.381732	327.092	25.970108	336.029252	129.873	302.617628	360.686
CIRC.	78.740	241.677733	0.000	712941.379	4370333.703	259.305768	328.459	25.894144	335.335272	130.005	301.923648	360.678

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 57 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 1

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B48 X: 713051.867 Y: 4370265.193 Z: 361.446 PK: 67.814 Dis=-129.461 K : 1.000000000
Distancia: 211.037 Azimut: 258.907533
BO : B49 X: 712883.288 Y: 4370138.237 Z: 360.572 PK: 254.326 Dis= -93.696 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	60.000	240.040639	0.000	712952.593	4370348.717	344.528221	129.737	85.620687	20.250126	221.596	361.342593	360.761
CLOT.	60.119	240.050131	0.000	712952.522	4370348.621	344.469798	129.729	85.562265	20.239630	221.483	361.332097	360.761
CLOT.	61.284	240.143493	0.000	712951.836	4370347.679	343.899261	129.654	84.991728	20.136378	220.375	361.228845	360.757
CLOT.	62.406	240.234696	0.000	712951.174	4370346.773	343.348975	129.593	84.441442	20.035468	219.308	361.127935	360.753
CLOT.	63.489	240.323907	0.000	712950.534	4370345.900	342.817279	129.546	83.909746	19.936695	218.279	361.029161	360.749
CLOT.	64.537	240.411269	0.000	712949.913	4370345.056	342.302758	129.510	83.395224	19.839885	217.286	360.932352	360.745
CLOT.	65.551	240.496909	0.000	712949.311	4370344.240	341.804152	129.484	82.896619	19.744887	216.324	360.837354	360.741
CLOT.	67.491	240.663470	0.000	712948.156	4370342.681	340.850332	129.461	81.942799	19.559789	214.488	360.652256	360.733
CLOT.	69.326	240.824362	0.000	712947.061	4370341.209	339.948292	129.471	81.040759	19.380487	212.755	360.472954	360.725
CLOT.	71.068	240.980215	0.000	712946.017	4370339.814	339.091953	129.509	80.184420	19.206243	211.112	360.298709	360.717
CIRC.	71.718	241.039091	0.000	712945.627	4370339.295	338.772803	129.530	79.865270	19.140260	210.500	360.232727	360.714
CIRC.	72.729	241.131053	0.000	712945.019	4370338.487	338.276311	129.571	79.368777	19.036451	209.549	360.128918	360.709
CIRC.	74.318	241.275609	0.000	712944.060	4370337.219	337.496658	129.654	78.589125	18.870505	208.056	359.962972	360.701
CIRC.	75.845	241.414491	0.000	712943.137	4370336.003	336.748769	129.755	77.841236	18.707831	206.623	359.800298	360.693
CIRC.	77.317	241.548352	0.000	712942.244	4370334.833	336.029252	129.873	77.121719	18.547976	205.245	359.640443	360.686
CIRC.	78.740	241.677733	0.000	712941.379	4370333.703	335.335272	130.005	76.427739	18.390559	203.916	359.483025	360.678
CIRC.	80.000	241.792341	0.000	712940.611	4370332.704	334.721908	130.137	75.814375	18.248685	202.740	359.341152	360.671
CIRC.	80.118	241.803083	0.000	712940.539	4370332.611	334.664488	130.151	75.756955	18.235269	202.630	359.327736	360.670
CIRC.	80.879	241.872259	0.000	712940.074	4370332.008	334.295040	130.238	75.387507	18.148382	201.921	359.240849	360.666
CIRC.	82.284	242.000058	0.000	712939.214	4370330.897	333.613997	130.414	74.706464	17.985608	200.613	359.078074	360.658
CIRC.	83.649	242.124230	0.000	712938.376	4370329.819	332.954301	130.602	74.046768	17.824607	199.345	358.917074	360.650
CIRC.	84.979	242.245133	0.000	712937.558	4370328.771	332.314044	130.800	73.406511	17.665103	198.112	358.757570	360.642
CIRC.	86.275	242.363029	0.000	712936.759	4370327.751	331.691844	131.009	72.784311	17.506917	196.913	358.599384	360.635
CIRC.	87.541	242.478136	0.000	712935.976	4370326.756	331.086520	131.227	72.178987	17.349905	195.743	358.442372	360.628
CIRC.	88.778	242.590643	0.000	712935.210	4370325.785	330.497071	131.454	71.589538	17.193953	194.602	358.286420	360.621
CIRC.	89.988	242.700718	0.000	712934.458	4370324.836	329.922573	131.689	71.015040	17.038949	193.488	358.131416	360.614
CIRC.	92.335	242.914131	0.000	712932.997	4370323.000	328.815402	132.181	69.907869	16.731472	191.333	357.823939	360.600
CIRC.	94.593	243.119487	0.000	712931.584	4370321.238	327.758918	132.699	68.851385	16.426713	189.267	357.519180	360.586
CIRC.	96.771	243.317597	0.000	712930.217	4370319.543	326.748602	133.239	67.841069	16.124204	187.281	357.216671	360.573
CIRC.	98.878	243.509178	0.000	712928.889	4370317.908	325.780417	133.800	66.872884	15.823494	185.367	356.915961	360.559
CIRC.	100.000	243.611255	0.000	712928.179	4370317.038	325.268275	134.114	66.360741	15.659916	184.350	356.752383	360.551
CIRC.	100.919	243.694835	0.000	712927.598	4370316.326	324.850918	134.378	65.943384	15.524208	183.519	356.616675	360.545
CIRC.	102.901	243.875084	0.000	712926.339	4370314.795	323.957113	134.972	65.049580	15.226021	181.731	356.318488	360.531
CIRC.	104.828	244.050375	0.000	712925.112	4370313.309	323.096382	135.581	64.188849	14.928651	179.999	356.021118	360.518
CIRC.	106.706	244.221094	0.000	712923.912	4370311.865	322.266437	136.201	63.358904	14.631860	178.318	355.724326	360.504
CIRC.	108.536	244.387580	0.000	712922.738	4370310.461	321.465244	136.833	62.557711	14.335435	176.684	355.427902	360.490
CIRC.	110.324	244.550134	0.000	712921.589	4370309.092	320.690980	137.475	61.783447	14.039191	175.095	355.131658	360.477
CIRC.	112.071	244.709023	0.000	712920.462	4370307.757	319.942002	138.126	61.034469	13.742956	173.548	354.835423	360.463
CIRC.	113.780	244.864483	0.000	712919.356	4370306.453	319.216838	138.786	60.309305	13.446584	172.040	354.539051	360.449
CIRC.	115.454	245.016728	0.000	712918.270	4370305.179	318.514157	139.452	59.606624	13.149945	170.568	354.242412	360.436
CIRC.	117.095	245.165947	0.000	712917.203	4370303.933	317.832736	140.126	58.925203	12.852917	169.131	353.945384	360.422
CIRC.	118.704	245.312317	0.000	712916.153	4370302.713	317.171452	140.805	58.263919	12.555387	167.728	353.647854	360.408
CIRC.	120.000	245.430168	0.000	712915.306	4370301.733	316.644202	141.365	57.736669	12.311296	166.601	353.403763	360.397
CIRC.	120.284	245.455991	0.000	712915.120	4370301.518	316.529296	141.490	57.621763	12.257264	166.355	353.349731	360.395
CIRC.	121.836	245.597115	0.000	712914.102	4370300.347	315.905319	142.179	56.997786	11.958453	165.012	353.050920	360.381
CIRC.	123.361	245.735822	0.000	712913.100	4370299.197	315.298638	142.873	56.391105	11.658867	163.698	352.751334	360.367
CIRC.	124.861	245.872228	0.000	712912.111	4370298.069	314.708465	143.570	55.800932	11.358438	162.410	352.450905	360.354
CIRC.	126.337	246.006448	0.000	712911.136	4370296.961	314.134032	144.272	55.226499	11.057086	161.149	352.149552	360.340
CIRC.	127.066	246.072787	0.000	712910.654	4370296.414	313.852426	144.623	54.944892	10.906004	160.527	351.998470	360.333
CIRC.	129.036	246.251954	0.000	712909.347	4370294.940	313.099560	145.591	54.192027	10.490779	158.855	351.583245	360.315
CIRC.	130.967	246.427530	0.000	712908.063	4370293.499	312.372711	146.564	53.465177	10.073487	157.226	351.165954	360.296
CIRC.	132.860	246.599706	0.000	712906.799	4370292.089	311.670492	147.540	52.762959	9.654040	155.638	350.746507	360.278
CIRC.	134.718	246.768671	0.000	712905.556	4370290.708	310.991558	148.519	52.084025	9.232315	154.089	350.324782	360.259
CIRC.	136.542	246.934597	0.000	712904.331	4370289.356	310.334670	149.501	51.427137	8.808201	152.577	349.900668	360.240
CIRC.	138.335	247.097646	0.000	712903.124	4370288.030	309.698676	150.486	50.791143	8.381591	151.101	349.474058	360.222
CIRC.	138.579	247.119845	0.000	712902.960	4370287.850	309.612813	150.621	50.705280	8.322740	150.901	349.415207	360.219
CIRC.	140.000	247.249082	0.000	712902.000	4370286.802	309.116411	151.417	50.208878	7.976419	149.739	349.068886	360.206
CLOT.	153.764	248.500847	0.000	712892.598	4370276.750	304.611453	159.688	45.703920	4.272566	138.826	345.365033	360.135
CLOT.	155.579	248.664309	0.000	712891.343	4370275.438	304.057716	160.850	45.150183	3.733487	137.438	344.825954	360.134
CLOT.	160.000	249.048958	0.000	712888.274	4370272.257	302.747121	163.746	43.839588	2.367313	134.112	343.459779	360.140
CLOT.	180.000	250.549956	0.000	712874.169	4370258.078	297.452211	177.840	38.544678	395.165342	120.187	336.257809	360.310
CLOT.	200.000	251.659339	0.000	712859.777	4370244.191	293.066962	193.235	34.159429	386.098779	108.531	327.191246	360.715
CLOT.	220.000	252.377106	0.000	712845.187	4370230.511	289.415903	209.570	30.508370	375.070808	99.831	316.163275	361.355
CLOT.	232.079	252.620921	0.000	712836.316	4370222.314	287.499004	219.775	28.591471	367.565075	96.308	308.657542	361.856
CLOT.	240.000	252.703258	0.000	712830.485	4370216.952	286.341089	226.577	27.433556	362.384251	94.785	303.476718	362.212
RECTA	246.657	252.724949	0.000	712825.581	4370212.450	285.421929	232.351	26.514396	357.924590	94.009	299.017057	362.512

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 57 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 1

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B49                  X:  712883.288  Y: 4370138.237  Z: 360.572  PK:     254.326 Dis= -93.696  K : 1.000000000
                                                                        Distancia:   169.222  Azimut: 173.618753
 BO : B50                  X:  712951.423  Y: 4369983.338  Z: 366.172  PK:     308.873 Dis=-253.885  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	240.000	252.703258	0.000	712830.485	4370216.952	362.384251	94.785	188.765499	369.589078	263.062	395.970325	362.212
RECTA	246.657	252.724949	0.000	712825.581	4370212.450	357.924590	94.009	184.305838	368.024306	261.397	394.405553	362.512
RECTA	260.000	252.724949	0.000	712815.751	4370203.428	348.874724	93.867	175.255971	364.831872	258.546	391.213120	363.112
RECTA	280.000	252.724949	0.000	712801.017	4370189.904	335.698809	97.149	162.080056	359.933976	255.522	386.315224	364.012
RECTA	300.000	252.724949	0.000	712786.282	4370176.379	323.849678	104.235	150.230926	354.949022	254.040	381.330270	364.912
RECTA	307.586	252.724949	0.000	712780.694	4370171.250	319.818909	107.775	146.200156	353.047650	253.888	379.428898	365.253

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 57 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 1

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B50                  X:  712951.423  Y: 4369983.338  Z: 366.172  PK:     308.873 Dis=-253.885  K : 1.000000000
                                                                        Distancia:   200.713  Azimut: 282.549660
 BO : B51                  X:  712758.203  Y: 4369929.007  Z: 362.758  PK:     366.113 Dis=-214.073  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	300.000	252.724949	0.000	712786.282	4370176.379	354.949022	254.040	72.399362	7.195529	248.961	324.645868	364.912
RECTA	307.586	252.724949	0.000	712780.694	4370171.250	353.047650	253.888	70.497990	5.893669	243.284	323.344009	365.253
RECTA	320.000	252.724949	0.000	712771.548	4370162.855	349.936691	254.129	67.387030	3.629092	234.229	321.079432	365.742
CIRC.	328.986	252.724949	0.000	712764.928	4370156.779	347.692220	254.681	65.142560	1.879126	227.872	319.329466	366.008
CIRC.	340.000	264.411389	0.000	712756.178	4370150.116	345.004254	256.779	62.454594	399.416868	221.118	316.867208	366.235
CIRC.	355.897	281.278518	0.000	712741.747	4370143.558	341.538485	263.883	58.988825	395.126808	215.181	312.577148	366.367
CIRC.	357.572	283.056347	0.000	712740.137	4370143.095	341.215055	264.885	58.665395	394.640583	214.849	312.090923	366.368
CIRC.	359.270	284.857579	0.000	712738.493	4370142.672	340.896887	265.944	58.347227	394.143998	214.572	311.594337	366.368
CIRC.	360.000	285.632048	0.000	712737.783	4370142.504	340.763103	266.413	58.213443	393.929448	214.471	311.379788	366.367
CIRC.	361.167	286.870015	0.000	712736.643	4370142.254	340.553097	267.179	58.003437	393.585417	214.334	311.035757	366.365
CIRC.	362.821	288.625671	0.000	712735.019	4370141.937	340.263521	268.299	57.713861	393.095687	214.189	310.546027	366.361
CIRC.	364.538	290.447235	0.000	712733.326	4370141.656	339.973514	269.502	57.423854	392.586016	214.100	310.036356	366.354
CIRC.	366.312	292.329507	0.000	712731.568	4370141.417	339.685238	270.787	57.135578	392.058564	214.074	309.508904	366.344
CIRC.	368.138	294.266242	0.000	712729.753	4370141.225	339.400935	272.151	56.851275	391.515968	214.117	308.966308	366.332
CIRC.	370.007	296.250104	0.000	712727.888	4370141.086	339.122870	273.592	56.573210	390.961330	214.235	308.411670	366.317
CIRC.	371.914	298.272971	0.000	712725.984	4370141.004	338.853233	275.103	56.303573	390.398099	214.432	307.848439	366.300
CIRC.	373.849	300.325766	0.000	712724.049	4370140.983	338.594112	276.678	56.044452	389.830067	214.710	307.280407	366.279
CIRC.	375.802	302.398977	0.000	712722.096	4370141.025	338.347374	278.310	55.797714	389.261168	215.070	306.711508	366.256

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 57 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 1

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B51                  X:  712758.203  Y: 4369929.007  Z: 362.758  PK:     366.113 Dis=-214.073  K : 1.000000000
                                                                        Distancia:   239.103  Azimut: 280.455802
 BO : B52                  X:  712530.279  Y: 4369856.750  Z: 358.001  PK:     377.766 Dis=-341.933  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	360.000	285.632048	0.000	712737.783	4370142.504	393.929448	214.471	113.473646	39.984181	353.147	359.528379	366.367
CIRC.	361.167	286.870015	0.000	712736.643	4370142.254	393.585417	214.334	113.129615	39.844083	352.276	359.388281	366.365
CIRC.	362.821	288.625671	0.000	712735.019	4370141.937	393.095687	214.189	112.639885	39.639020	351.070	359.183218	366.361
CIRC.	364.538	290.447235	0.000	712733.326	4370141.656	392.586016	214.100	112.130214	39.418486	349.857	358.962684	366.354
CIRC.	366.312	292.329507	0.000	712731.568	4370141.417	392.058564	214.074	111.602762	39.182464	348.644	358.726662	366.344
CIRC.	368.138	294.266242	0.000	712729.753	4370141.225	391.515968	214.117	111.060166	38.931193	347.442	358.475391	366.332
CIRC.	370.007	296.250104	0.000	712727.888	4370141.086	390.961330	214.235	110.505528	38.665207	346.261	358.209405	366.317
CIRC.	371.914	298.272971	0.000	712725.984	4370141.004	390.398099	214.432	109.942297	38.385321	345.110	357.929519	366.300
CIRC.	373.849	300.325766	0.000	712724.049	4370140.983	389.830067	214.710	109.374265	38.092675	343.999	357.636873	366.279
CIRC.	375.802	302.398977	0.000	712722.096	4370141.025	389.261168	215.070	108.805366	37.788676	342.937	357.332874	366.256
CIRC.	377.766	304.482227	0.000	712720.135	4370141.131	388.695523	215.513	108.239721	37.475062	341.933	357.019260	366.231

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 58 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B51                  X:  712758.203  Y: 4369929.007  Z: 362.758  PK:       0.000 Dis=-135.213  K : 1.000000000
                                                                        Distancia:   243.769  Azimut:  34.302729
 BO : B49                  X:  712883.288  Y: 4370138.237  Z: 360.572  PK:     119.251 Dis=  44.044  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	4.795196	0.000	712788.649	4370060.748	14.458830	135.213	380.156101	256.322080	122.315	22.019351	367.584
CIRC.	2.131	6.490939	0.000	712788.838	4370062.871	14.322472	137.324	380.019743	257.124361	120.834	22.821632	367.574
CIRC.	4.253	8.179888	0.000	712789.082	4370064.979	14.216335	139.434	379.913606	257.922295	119.338	23.619566	367.560
CIRC.	6.359	9.855165	0.000	712789.379	4370067.063	14.139094	141.532	379.836365	258.712594	117.833	24.409865	367.544
CIRC.	8.438	11.510193	0.000	712789.726	4370069.113	14.089063	143.609	379.786334	259.492129	116.326	25.189400	367.525
CIRC.	10.485	13.138766	0.000	712790.120	4370071.122	14.064274	145.655	379.761545	260.257967	114.825	25.955238	367.504
CIRC.	12.491	14.735071	0.000	712790.556	4370073.080	14.062544	147.661	379.759815	261.007377	113.335	26.704648	367.481
CIRC.	14.450	16.293822	0.000	712791.028	4370074.981	14.081550	149.619	379.778821	261.737897	111.863	27.435168	367.457
CIRC.	16.355	17.810263	0.000	712791.533	4370076.818	14.118894	151.522	379.816165	262.447331	110.414	28.144602	367.431
CIRC.	18.202	19.280270	0.000	712792.063	4370078.588	14.172165	153.365	379.869436	263.133797	108.995	28.831068	367.404
CIRC.	19.987	20.700265	0.000	712792.614	4370080.285	14.238989	155.142	379.936260	263.795687	107.611	29.492958	367.377
CIRC.	20.000	20.710690	0.000	712792.619	4370080.297	14.239534	155.155	379.936805	263.800542	107.601	29.497813	367.376
CIRC.	21.737	22.092697	0.000	712793.191	4370081.937	14.318651	156.881	380.015922	264.443506	106.241	30.140777	367.349
CIRC.	40.000	36.626185	0.000	712801.301	4370098.256	15.873658	174.651	381.570929	271.115589	91.216	36.812860	366.937
CIRC.	44.283	40.034214	0.000	712803.726	4370101.786	16.400767	178.675	382.098038	272.649974	87.514	38.347245	366.806
CIRC.	60.000	39.633975	0.000	712812.932	4370114.525	18.262494	193.422	383.959765	279.305494	74.245	45.002765	366.214
CIRC.	80.000	39.124679	0.000	712824.529	4370130.819	20.214641	212.432	385.911912	292.005663	59.225	57.702934	365.204
CIRC.	80.537	39.111013	0.000	712824.838	4370131.258	20.261585	212.945	385.958856	292.434272	58.865	58.131543	365.173
CIRC.	100.000	38.615383	0.000	712835.996	4370147.206	21.802492	231.651	387.499763	311.931379	48.135	77.628650	364.044
CIRC.	106.029	38.461866	0.000	712839.426	4370152.163	22.222480	237.478	387.919751	319.571621	46.019	85.268892	363.694

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 58 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B49 X: 712883.288 Y: 4370138.237 Z: 360.572 PK: 119.251 Dis= 44.044 K : 1.000000000
Distancia: 211.037 Azimut: 58.907533
BO : B48 X: 713051.867 Y: 4370265.193 Z: 361.446 PK: 312.835 Dis= 119.058 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	100.000	38.615383	0.000	712835.996	4370147.206	311.931379	48.135	253.023846	268.156255	246.011	9.248721	364.044
CIRC.	106.029	38.461866	0.000	712839.426	4370152.163	319.571621	46.019	260.664088	268.871786	240.639	9.964253	363.694
CIRC.	120.000	38.106087	0.000	712847.331	4370163.683	339.207037	44.050	280.299504	270.672410	228.340	11.764877	362.943
CIRC.	140.000	37.596792	0.000	712858.534	4370180.251	366.104239	48.764	307.196706	273.646084	211.170	14.738551	362.074
CIRC.	160.000	37.087496	0.000	712869.604	4370196.908	385.412511	60.246	326.504978	277.179428	194.635	18.271894	361.447
CIRC.	180.000	36.578200	0.000	712880.540	4370213.653	397.681584	75.466	338.774051	281.396815	178.911	22.489281	361.062
CIRC.	200.000	36.068904	0.000	712891.343	4370230.485	5.544526	92.599	346.636992	286.443776	164.234	27.536243	360.920
CIRC.	201.729	36.024886	0.000	712892.270	4370231.943	6.083452	94.136	347.175918	286.924062	163.024	28.016529	360.919
CIRC.	209.979	35.814801	0.000	712896.682	4370238.915	8.419802	101.565	349.512269	289.321103	157.395	30.413570	360.940
CIRC.	220.000	35.559608	0.000	712902.010	4370247.402	10.812756	110.759	351.905223	292.477421	150.910	33.569888	360.990
CIRC.	233.273	35.221620	0.000	712909.014	4370258.676	13.396949	123.156	354.489415	297.097928	143.002	38.190395	361.056
CIRC.	240.000	35.050312	0.000	712912.541	4370264.405	14.504352	129.515	355.596818	299.639865	139.328	40.732332	361.088
CIRC.	260.000	34.541017	0.000	712922.936	4370281.491	17.189417	148.640	358.281884	308.005012	129.957	49.097479	361.160
CIRC.	280.000	34.031721	0.000	712933.195	4370298.660	19.200643	168.006	360.293110	317.498886	123.301	58.591353	361.199
CIRC.	284.109	33.927088	0.000	712935.285	4370302.197	19.550518	172.008	360.642984	319.566604	122.314	60.659071	361.203
CIRC.	293.273	34.160443	0.000	712939.955	4370310.082	20.278202	180.947	361.370669	324.284585	120.579	65.377052	361.206
CIRC.	299.370	34.315709	0.000	712943.079	4370315.318	20.729974	186.903	361.822440	327.487026	119.781	68.579493	361.205
CIRC.	300.000	34.331751	0.000	712943.402	4370315.859	20.775295	187.519	361.867762	327.820098	119.715	68.912565	361.204
CIRC.	301.722	34.375590	0.000	712944.287	4370317.336	20.897911	189.201	361.990378	328.732054	119.551	69.824521	361.204
CIRC.	303.645	34.424574	0.000	712945.276	4370318.985	21.032820	191.082	362.125287	329.753713	119.395	70.846180	361.203
CIRC.	305.616	34.474764	0.000	712946.291	4370320.675	21.168815	193.010	362.261282	330.802942	119.266	71.895409	361.201
CIRC.	307.638	34.526251	0.000	712947.334	4370322.407	21.306046	194.988	362.398513	331.881323	119.166	72.973790	361.199
CIRC.	308.374	34.544991	0.000	712947.714	4370323.037	21.355438	195.709	362.447905	332.274243	119.138	73.366710	361.198
CIRC.	309.868	34.583026	0.000	712948.486	4370324.316	21.454779	197.170	362.547246	333.072164	119.093	74.164631	361.195
CIRC.	311.391	34.621832	0.000	712949.274	4370325.620	21.554920	198.662	362.647386	333.886763	119.066	74.979230	361.193
CIRC.	312.947	34.661455	0.000	712950.079	4370326.952	21.655925	200.186	362.748391	334.718739	119.058	75.811206	361.190
CIRC.	314.537	34.701944	0.000	712950.903	4370328.311	21.757869	201.743	362.850336	335.568866	119.070	76.661333	361.187
CIRC.	316.163	34.743350	0.000	712951.747	4370329.701	21.860830	203.335	362.953297	336.437953	119.102	77.530419	361.184
CIRC.	317.828	34.785735	0.000	712952.611	4370331.124	21.964900	204.966	363.057367	337.326935	119.158	78.419401	361.181
CIRC.	319.533	34.829164	0.000	712953.498	4370332.581	22.070176	206.637	363.162643	338.236801	119.237	79.329268	361.178

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 58 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B48 X: 713051.867 Y: 4370265.193 Z: 361.446 PK: 312.835 Dis= 119.058 K : 1.000000000
Distancia: 305.589 Azimut: 33.411624
BO : B47 X: 713204.987 Y: 4370529.653 Z: 359.989 PK: 400.195 Dis= 245.049 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	300.000	34.331751	0.000	712943.402	4370315.859	327.820098	119.715	294.408474	256.378647	337.838	22.967023	361.204
CIRC.	301.722	34.375590	0.000	712944.287	4370317.336	328.732054	119.551	295.320430	256.489187	336.219	23.077563	361.204
CIRC.	303.645	34.424574	0.000	712945.276	4370318.985	329.753713	119.395	296.342089	256.613715	334.411	23.202091	361.203
CIRC.	305.616	34.474764	0.000	712946.291	4370320.675	330.802942	119.266	297.391318	256.742434	332.559	23.330810	361.201
CIRC.	307.638	34.526251	0.000	712947.334	4370322.407	331.881323	119.166	298.469699	256.875687	330.660	23.464063	361.199
CIRC.	308.374	34.544991	0.000	712947.714	4370323.037	332.274243	119.138	298.862619	256.924497	329.969	23.512873	361.198
CIRC.	309.868	34.583026	0.000	712948.486	4370324.316	333.072164	119.093	299.660540	257.024066	328.567	23.612442	361.195
CIRC.	311.391	34.621832	0.000	712949.274	4370325.620	333.886763	119.066	300.475139	257.126369	327.137	23.714745	361.193
CIRC.	312.947	34.661455	0.000	712950.079	4370326.952	334.718739	119.058	301.307115	257.231576	325.677	23.819951	361.190
CIRC.	314.537	34.701944	0.000	712950.903	4370328.311	335.568866	119.070	302.157242	257.339874	324.187	23.928250	361.187
CIRC.	316.163	34.743350	0.000	712951.747	4370329.701	336.437953	119.102	303.026328	257.451469	322.663	24.039845	361.184
CIRC.	317.828	34.785735	0.000	712952.611	4370331.124	337.326935	119.158	303.915311	257.566594	321.103	24.154970	361.181
CIRC.	319.533	34.829164	0.000	712953.498	4370332.581	338.236801	119.237	304.825177	257.685505	319.506	24.273881	361.178
CIRC.	320.000	34.841047	0.000	712953.741	4370332.979	338.485533	119.263	305.073909	257.718210	319.069	24.306586	361.178
CIRC.	321.283	34.873710	0.000	712954.409	4370334.074	339.168665	119.343	305.757041	257.808490	317.869	24.396866	361.176
CIRC.	323.079	34.919455	0.000	712955.345	4370335.608	340.123746	119.477	306.712122	257.935871	316.188	24.524247	361.173
CIRC.	324.926	34.966494	0.000	712956.309	4370337.183	341.103438	119.641	307.691814	258.068018	314.461	24.656394	361.170
CIRC.	326.828	35.014930	0.000	712957.302	4370338.805	342.109286	119.839	308.697662	258.205348	312.683	24.793724	361.167
CIRC.	328.790	35.064886	0.000	712958.328	4370340.477	343.143050	120.072	309.731426	258.348339	310.850	24.936715	361.163
CIRC.	330.817	35.116500	0.000	712959.390	4370342.204	344.206744	120.344	310.795120	258.497545	308.958	25.085921	361.160
CIRC.	332.915	35.169933	0.000	712960.490	4370343.991	345.302694	120.660	311.891070	258.653613	307.000	25.241989	361.157
CIRC.	335.093	35.225374	0.000	712961.633	4370345.844	346.433616	121.023	313.021992	258.817301	304.970	25.405677	361.153
CIRC.	337.357	35.283047	0.000	712962.824	4370347.770	347.602692	121.439	314.191068	258.989511	302.860	25.577887	361.150
CIRC.	339.720	35.343205	0.000	712964.069	4370349.778	348.813472	121.915	315.401848	259.171288	300.660	25.759664	361.146
CIRC.	340.000	35.350342	0.000	712964.216	4370350.016	348.956495	121.974	315.544871	259.193001	300.399	25.781377	361.146
CIRC.	340.942	35.374324	0.000	712964.713	4370350.816	349.436074	122.177	316.024450	259.266192	299.523	25.854568	361.144
CIRC.	342.193	35.406194	0.000	712965.374	4370351.879	350.070956	122.457	316.659332	259.364014	298.359	25.952390	361.142
CIRC.	343.476	35.438870	0.000	712966.051	4370352.969	350.718884	122.756	317.307260	259.464974	297.166	26.053350	361.140
CIRC.	344.794	35.472409	0.000	712966.747	4370354.087	351.380673	123.075	317.969049	259.569310	295.942	26.157686	361.138
CIRC.	346.147	35.506878	0.000	712967.464	4370355.236	352.057275	123.417	318.645651	259.677299	294.684	26.265675	361.136
CIRC.	347.540	35.542352	0.000	712968.201	4370356.418	352.749736	123.782	319.338112	259.789250	293.391	26.377626	361.134
CIRC.	348.979	35.578990	0.000	712968.964	4370357.638	353.460668	124.173	320.049044	259.905748	292.055	26.494124	361.131
CIRC.	349.902	35.602484	0.000	712969.453	4370358.420	353.914220	124.432	320.502596	259.980926	291.199	26.569302	361.130
CIRC.	351.869	35.652591	0.000	712970.498	4370360.087	354.875313	125.004	321.463689	260.142516	289.375	26.730892	361.127
CIRC.	352.888	35.678524	0.000	712971.039	4370360.950	355.369323	125.310	321.957699	260.226826	288.431	26.815202	361.125
CIRC.	353.931	35.705098	0.000	712971.594	4370361.834	355.873074	125.631	322.461450	260.313704	287.464	26.902080	361.123
CIRC.	355.002	35.732359	0.000	712972.163	4370362.740	356.387213	125.969	322.975589	260.403344	286.473	26.991720	361.121
CIRC.	356.101	35.760359	0.000	712972.749	4370363.671	356.912476	126.323	323.500852	260.495964	285.455	27.084340	361.120
CIRC.	357.232	35.789157	0.000	712973.351	4370364.628	357.449701	126.696	324.038077	260.591812	284.409	27.180188	361.118
CIRC.	358.397	35.818822	0.000	712973.973	4370365.613	357.999836	127.090	324.588212	260.691172	283.331	27.279548	361.116
CIRC.	359.599	35.849430	0.000	712974.614	4370366.630	358.563967	127.505	325.152343	260.794368	282.220	27.382744	361.113
CIRC.	360.000	35.859638	0.000	712974.828	4370366.969	358.751321	127.645	325.339697	260.828941	281.850	27.417317	361.113
CIRC.	360.842	35.881071	0.000	712975.278	4370367.680	359.143361	127.944	325.731737	260.901780	281.072	27.490156	361.111
CIRC.	362.129	35.913851	0.000	712975.966	4370368.768	359.739488	128.409	326.327864	261.013848	279.883	27.602224	361.109
CIRC.	363.466	35.947894	0.000	712976.681	4370369.898	360.354095	128.904	326.942471	261.131097	278.649	27.719473	361.106
CIRC.	364.858	35.983345	0.000	712977.426	4370371.074	360.989222	129.430	327.577598	261.254144	277.365	27.842520	361.104
CIRC.	366.317	36.020508	0.000	712978.208	4370372.306	361.649586	129.996	328.237962	261.384186	276.020	27.972562	361.101

CIRC.	367.845	36.059404	0.000	712979.027	4370373.595	362.334730	130.601	328.923106	261.521463	274.612	28.109839	361.098
CIRC.	369.455	36.100404	0.000	712979.892	4370374.953	363.050194	131.255	329.638570	261.667478	273.130	28.255854	361.095
CIRC.	371.162	36.143870	0.000	712980.809	4370376.393	363.801068	131.965	330.389444	261.823768	271.559	28.412144	361.092
CIRC.	372.984	36.190279	0.000	712981.790	4370377.929	364.594086	132.741	331.182462	261.992373	269.884	28.580749	361.088
CIRC.	374.948	36.240290	0.000	712982.848	4370379.584	365.438492	133.600	332.026868	262.176096	268.080	28.764472	361.084
CIRC.	377.091	36.294847	0.000	712984.003	4370381.388	366.347567	134.561	332.935943	262.378971	266.114	28.967347	361.080
CIRC.	379.466	36.355334	0.000	712985.286	4370383.387	367.340647	135.657	333.929023	262.606957	263.936	29.195333	361.074
CIRC.	380.000	36.368934	0.000	712985.575	4370383.836	367.561772	135.908	334.150148	262.658666	263.447	29.247042	361.073
CIRC.	380.768	36.388495	0.000	712985.990	4370384.482	367.878442	136.271	334.466818	262.733335	262.743	29.321711	361.071
CIRC.	382.177	36.424373	0.000	712986.753	4370385.667	368.455007	136.945	335.043383	262.871197	261.454	29.459573	361.068
CIRC.	383.707	36.463323	0.000	712987.581	4370386.953	369.074682	137.688	335.663058	263.022207	260.055	29.610583	361.065
CIRC.	385.401	36.506476	0.000	712988.500	4370388.377	369.753652	138.526	336.342028	263.191177	258.506	29.779553	361.061
CIRC.	387.327	36.555517	0.000	712989.546	4370389.994	370.515582	139.496	337.103958	263.385359	256.748	29.973735	361.056
CIRC.	389.605	36.613532	0.000	712990.784	4370391.906	371.403661	140.668	337.992037	263.618096	254.671	30.206472	361.050
CIRC.	390.972	36.648340	0.000	712991.528	4370393.053	371.929595	141.382	338.517971	263.759334	253.425	30.347710	361.047
CIRC.	392.578	36.689222	0.000	712992.402	4370394.399	372.540743	142.233	339.129119	263.926784	251.964	30.515159	361.043
CIRC.	394.625	36.741358	0.000	712993.519	4370396.116	373.309877	143.336	339.898253	264.142823	250.102	30.731199	361.037
CIRC.	396.041	36.777422	0.000	712994.292	4370397.302	373.835197	144.110	340.423573	264.293922	248.816	30.882298	361.034
CIRC.	398.305	36.835076	0.000	712995.529	4370399.198	374.663710	145.366	341.252086	264.538366	246.761	31.126742	361.027
CIRC.	400.000	36.878230	0.000	712996.456	4370400.617	375.274783	146.321	341.863159	264.723689	245.225	31.312065	361.022
CIRC.	400.195	36.883189	0.000	712996.563	4370400.780	375.344511	146.432	341.932887	264.745117	245.049	31.333493	361.022

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 59 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 2

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                          * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                          ==========================================
Compensaciones:           Z : Esfericidad y Refraccion  :NO
                          D : Reduccion al nivel del mar:NO
                          D : Paso de la cuerda al arco :NO
                          D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B49                X:  712883.288  Y: 4370138.237  Z: 360.572  PK:       0.000 Dis=-248.604  K : 1.000000000
                                                                     Distancia:   169.222  Azimut: 173.618753
BO : B50                X:  712951.423  Y: 4369983.338  Z: 366.172  PK:       8.364 Dis=-323.339  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	210.737483	0.000	712641.909	4370078.739	284.614467	248.604	110.995714	319.034160	323.883	345.415407	365.613

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 59 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 2

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                          * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                          ==========================================
Compensaciones:           Z : Esfericidad y Refraccion  :NO
                          D : Reduccion al nivel del mar:NO
                          D : Paso de la cuerda al arco :NO
                          D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B50                X:  712951.423  Y: 4369983.338  Z: 366.172  PK:       8.364 Dis=-323.339  K : 1.000000000
                                                                     Distancia:   200.713  Azimut: 282.549660
BO : B51                X:  712758.203  Y: 4369929.007  Z: 362.758  PK:      42.214 Dis=-174.379  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	210.737483	0.000	712641.909	4370078.739	319.034160	323.883	36.484500	357.960180	189.589	275.410520	365.613
CIRC.	2.131	212.433060	0.000	712641.523	4370076.643	318.617910	323.641	36.068250	357.422293	188.177	274.872633	365.618
CIRC.	4.253	214.122031	0.000	712641.084	4370074.567	318.201675	323.470	35.652015	356.866100	186.828	274.316440	365.622
CIRC.	6.358	215.797326	0.000	712640.594	4370072.520	317.787762	323.370	35.238102	356.294718	185.547	273.745058	365.625
CIRC.	8.438	217.452354	0.000	712640.057	4370070.510	317.378354	323.339	34.828694	355.711472	184.341	273.161812	365.625
CIRC.	10.485	219.080954	0.000	712639.478	4370068.548	316.975500	323.374	34.425840	355.119858	183.214	272.570198	365.624
CIRC.	12.491	220.677271	0.000	712638.861	4370066.639	316.581121	323.471	34.031461	354.523524	182.167	271.973864	365.622
CIRC.	14.450	222.236037	0.000	712638.214	4370064.790	316.196934	323.627	33.647274	353.926109	181.203	271.376448	365.618
CIRC.	16.355	223.752510	0.000	712637.540	4370063.007	315.824446	323.836	33.274786	353.331189	180.321	270.781529	365.613
CIRC.	18.202	225.222538	0.000	712636.847	4370061.295	315.464940	324.091	32.915280	352.742197	179.520	270.192537	365.606
CIRC.	19.987	226.642552	0.000	712636.140	4370059.657	315.119467	324.388	32.569807	352.162352	178.798	269.612691	365.599
CIRC.	20.000	226.652977	0.000	712636.135	4370059.645	315.116938	324.391	32.567278	352.158057	178.793	269.608397	365.599
CIRC.	20.948	227.406982	0.000	712635.745	4370058.781	314.934336	324.568	32.384675	351.845991	178.431	269.296330	365.594
CIRC.	40.000	242.568471	0.000	712625.816	4370042.573	311.456209	330.951	28.906549	345.137942	174.423	262.588282	365.297
RECTA	58.067	256.945933	0.000	712613.117	4370029.776	308.684371	341.479	26.134711	338.646379	176.648	256.096719	364.643

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 59 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 2

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                          * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                          ==========================================
Compensaciones:           Z : Esfericidad y Refraccion  :NO
                          D : Reduccion al nivel del mar:NO
                          D : Paso de la cuerda al arco :NO
                          D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B51                X:  712758.203  Y: 4369929.007  Z: 362.758  PK:      42.214 Dis=-174.379  K : 1.000000000
                                                                     Distancia:   239.103  Azimut: 280.455802
BO : B52                X:  712530.279  Y: 4369856.750  Z: 358.001  PK:     228.243 Dis= -83.916  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	242.568471	0.000	712625.816	4370042.573	345.137942	174.423	64.682140	30.232335	208.944	349.776533	365.297
RECTA	58.067	256.945933	0.000	712613.117	4370029.776	338.646379	176.648	58.190577	28.425741	191.834	347.969939	364.643
RECTA	60.000	256.945933	0.000	712611.609	4370028.566	337.980505	177.205	57.524703	28.145367	190.093	347.689565	364.551
RECTA	64.148	256.945933	0.000	712608.375	4370025.970	336.566073	178.467	56.110271	27.526071	186.372	347.070269	364.341
RECTA	80.000	256.945933	0.000	712596.011	4370016.048	331.356144	184.071	50.900342	24.914291	172.327	344.458490	363.501
RECTA	100.000	256.945933	0.000	712580.413	4370003.530	325.268566	192.777	44.812764	20.953525	155.106	340.497723	362.441
RECTA	120.000	256.945933	0.000	712564.815	4369991.012	319.752424	203.085	39.296622	16.028366	138.633	335.572564	361.381
RECTA	140.000	256.945933	0.000	712549.217	4369978.494	314.802245	214.765	34.346443	9.824482	123.208	329.368680	360.321
CLOT.	156.753	256.945933	0.000	712536.152	4369968.008	311.068772	225.450	30.612970	3.357425	111.413	322.901623	359.433
CLOT.	160.000	256.950214	0.000	712533.619	4369965.976	310.386300	227.606	29.930498	1.946331	109.277	321.490529	359.261
CLOT.	165.434	256.976535	0.000	712529.380	4369962.575	309.273106	231.272	28.817304	399.459339	105.829	319.003537	358.973
CLOT.	180.000	257.165354	0.000	712518.005	4369953.479	306.463622	241.442	26.007820	391.964643	97.504	311.508841	358.254
CLOT.	200.000	257.705301	0.000	712502.316	4369941.074	302.999946	256.171	22.544144	379.615541	88.840	299.159739	357.440
CLOT.	220.000	258.570053	0.000	712486.492	4369928.844	299.961696	271.711	19.505894	365.252288	84.349	284.796486	356.825

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 59 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B52 X: 712530.279 Y: 4369856.750 Z: 358.001 PK: 228.243 Dis= -83.916 K : 1.000000000
Distancia: 197.958 Azimut: 283.751243
BO : B53 X: 712338.734 Y: 4369806.771 Z: 354.808 PK: 406.629 Dis= -28.669 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	220.000	258.570053	0.000	712486.492	4369928.844	365.252288	84.349	81.501045	56.041868	191.662	372.290626	356.825
CLOT.	240.000	259.759612	0.000	712470.473	4369916.870	350.166468	84.801	66.415226	55.681372	171.688	371.930129	356.411
CIRC.	254.753	260.845229	0.000	712458.499	4369908.253	339.621716	88.346	55.870474	55.248853	156.978	371.497610	356.234
CIRC.	260.000	261.262797	0.000	712454.203	4369905.239	336.124955	90.215	52.373712	55.048400	151.753	371.297157	356.197
CIRC.	265.234	261.679342	0.000	712449.898	4369902.261	332.798015	92.371	49.046772	54.819379	146.546	371.068136	356.174
CIRC.	280.000	262.854347	0.000	712437.651	4369894.013	324.349224	99.842	40.597981	53.987518	131.893	370.236275	356.128
CIRC.	300.000	264.445896	0.000	712420.824	4369883.204	315.096916	112.606	31.345674	52.271026	112.164	368.519783	356.066
CIRC.	302.875	264.674692	0.000	712418.383	4369881.685	313.958401	114.640	30.207158	51.949890	109.344	368.198647	356.057
CIRC.	304.465	264.801200	0.000	712417.031	4369880.849	313.347920	115.783	29.596678	51.762543	107.787	368.011301	356.052
CIRC.	306.265	264.944451	0.000	712415.498	4369879.905	312.672626	117.093	28.921384	51.541521	106.025	367.790279	356.046
CIRC.	308.093	265.089923	0.000	712413.939	4369878.950	312.003868	118.439	28.252625	51.306957	104.239	367.555714	356.040
CIRC.	309.950	265.237717	0.000	712412.353	4369877.984	311.341590	119.822	27.590347	51.057676	102.426	367.306433	356.034
CIRC.	311.838	265.387955	0.000	712410.739	4369877.005	310.685681	121.244	26.934438	50.792345	100.586	367.041102	356.028
CIRC.	313.758	265.540756	0.000	712409.094	4369876.014	310.036053	122.706	26.284810	50.509478	98.718	366.758235	356.021
CIRC.	315.713	265.696259	0.000	712407.418	4369875.009	309.392583	124.210	25.641341	50.207386	96.819	366.456144	356.014
CIRC.	316.473	265.756746	0.000	712406.766	4369874.620	309.147000	124.799	25.395757	50.085828	96.082	366.334585	356.012
CIRC.	318.012	265.879224	0.000	712405.443	4369873.832	308.657650	125.999	24.906407	49.832443	94.590	366.081201	356.006
CIRC.	319.575	266.003626	0.000	712404.098	4369873.035	308.171282	127.227	24.420039	49.564762	93.078	365.813519	356.001
CIRC.	320.000	266.037446	0.000	712403.733	4369872.819	308.040890	127.563	24.289648	49.490131	92.667	365.738888	355.999
CIRC.	321.160	266.129786	0.000	712402.733	4369872.230	307.688794	128.482	23.937551	49.282174	91.546	365.530932	355.995
CIRC.	322.770	266.257911	0.000	712401.345	4369871.414	307.209631	129.766	23.458389	48.983156	89.994	365.231913	355.989
CIRC.	324.406	266.388091	0.000	712399.932	4369870.589	306.733716	131.079	22.982473	48.666291	88.419	364.915049	355.983
CIRC.	326.069	266.520436	0.000	712398.495	4369869.752	306.260932	132.424	22.509689	48.329974	86.822	364.578732	355.977
CIRC.	327.761	266.655052	0.000	712397.031	4369868.905	305.791184	133.801	22.039942	47.972418	85.201	364.221175	355.970
CIRC.	329.483	266.792061	0.000	712395.539	4369868.045	305.324359	135.213	21.573116	47.591595	83.555	363.840353	355.964
CIRC.	331.236	266.931597	0.000	712394.018	4369867.173	304.860326	136.659	21.109084	47.185205	81.882	363.433963	355.957
CIRC.	333.023	267.073806	0.000	712392.466	4369866.288	304.398947	138.143	20.647704	46.750628	80.183	362.999385	355.950
CIRC.	334.846	267.218844	0.000	712390.880	4369865.389	303.940080	139.666	20.188837	46.284875	78.455	362.533632	355.942
CIRC.	336.706	267.366888	0.000	712389.260	4369864.474	303.483558	141.230	19.732315	45.784498	76.698	362.033255	355.935
CIRC.	338.607	267.518135	0.000	712387.603	4369863.544	303.029195	142.838	19.277952	45.245510	74.909	361.494268	355.927
CIRC.	340.000	267.628995	0.000	712386.386	4369862.865	302.703694	144.022	18.952451	44.831504	73.602	361.080261	355.921
CIRC.	340.550	267.672801	0.000	712385.905	4369862.597	302.576798	144.492	18.825556	44.663289	73.087	360.912047	355.919
CIRC.	342.540	267.831130	0.000	712384.166	4369861.632	302.126135	146.195	18.374892	44.032402	71.230	360.281160	355.911
CIRC.	344.579	267.993394	0.000	712382.380	4369860.647	301.676964	147.950	17.925721	43.346477	69.337	359.595235	355.902
CIRC.	346.672	268.159902	0.000	712380.545	4369859.641	301.229006	149.762	17.477764	42.597945	67.405	358.846702	355.893
CIRC.	348.822	268.331005	0.000	712378.657	4369858.612	300.781945	151.633	17.030702	41.777745	65.432	358.026502	355.884
CIRC.	351.035	268.507108	0.000	712376.711	4369857.559	300.335413	153.570	16.584170	40.874942	63.417	357.123699	355.874
CIRC.	353.316	268.688677	0.000	712374.701	4369856.479	299.888999	155.578	16.137756	39.876232	61.356	356.124990	355.863
CIRC.	355.673	268.876224	0.000	712372.622	4369855.369	299.442289	157.663	15.691046	38.765414	59.247	355.014171	355.853
CIRC.	356.882	268.972452	0.000	712371.554	4369854.802	299.218609	158.737	15.467367	38.161686	58.173	354.410443	355.847
CIRC.	358.114	269.070429	0.000	712370.466	4369854.226	298.994620	159.833	15.243377	37.521865	57.087	353.770622	355.841
CIRC.	359.368	269.170256	0.000	712369.356	4369853.641	298.770232	160.953	15.018989	36.842559	55.987	353.091316	355.835
CIRC.	360.000	269.220545	0.000	712368.797	4369853.347	298.658637	161.518	14.907395	36.489420	55.436	352.738178	355.833
CIRC.	360.647	269.272037	0.000	712368.224	4369853.046	298.545359	162.098	14.794116	36.119962	54.873	352.368719	355.829
CIRC.	361.952	269.375895	0.000	712367.067	4369852.442	298.319889	163.269	14.568646	35.349707	53.746	351.598465	355.823
CIRC.	363.285	269.481960	0.000	712365.885	4369851.826	298.093709	164.468	14.342466	34.526848	52.604	350.775605	355.817
CIRC.	364.648	269.590381	0.000	712364.676	4369851.199	297.866687	165.696	14.115444	33.645705	51.447	349.894462	355.810
CIRC.	366.042	269.701322	0.000	712363.437	4369850.559	297.638679	166.957	13.887436	32.699754	50.275	348.948511	355.804
CIRC.	367.470	269.814969	0.000	712362.167	4369849.906	297.409518	168.251	13.658276	31.681440	49.089	347.930197	355.796
CIRC.	367.946	269.852840	0.000	712361.744	4369849.688	297.334131	168.683	13.582888	31.330507	48.696	347.579265	355.794
CIRC.	369.483	269.975182	0.000	712360.375	4369848.989	297.093868	170.081	13.342626	30.155239	47.441	346.403996	355.786
CIRC.	371.065	270.101040	0.000	712358.965	4369848.271	296.851834	171.524	13.100592	28.876542	46.169	345.125300	355.779
CIRC.	372.694	270.230732	0.000	712357.511	4369847.535	296.607753	173.013	12.856511	27.480019	44.881	343.728776	355.770
CIRC.	374.377	270.364633	0.000	712356.008	4369846.778	296.361293	174.556	12.610050	25.948426	43.577	342.197183	355.762
CIRC.	376.118	270.503179	0.000	712354.452	4369845.999	296.112066	176.156	12.360823	24.261036	42.259	340.509793	355.753
CIRC.	377.924	270.646892	0.000	712352.835	4369845.193	295.859610	177.820	12.108367	22.392731	40.928	338.641488	355.743
CIRC.	379.803	270.796393	0.000	712351.152	4369844.359	295.603372	179.555	11.852129	20.312813	39.586	336.561570	355.734
CIRC.	380.000	270.812094	0.000	712350.975	4369844.272	295.576833	179.738	11.825590	20.085933	39.448	336.334690	355.733
CIRC.	381.764	270.952444	0.000	712349.392	4369843.493	295.342675	181.372	11.591433	17.983419	38.238	334.232177	355.723
CIRC.	382.779	271.033211	0.000	712348.481	4369843.047	295.210399	182.314	11.459156	16.710859	37.562	332.959617	355.718
CIRC.	383.819	271.115987	0.000	712347.546	4369842.590	295.076676	183.280	11.325433	15.357376	36.887	331.606133	355.712
CIRC.	384.886	271.200930	0.000	712346.587	4369842.123	294.941364	184.274	11.190122	13.915140	36.213	330.163897	355.706
CIRC.	385.983	271.288216	0.000	712345.600	4369841.644	294.804306	185.296	11.053064	12.375372	35.543	328.624129	355.701
CIRC.	387.112	271.378054	0.000	712344.583	4369841.153	294.665314	186.350	10.914071	10.728061	34.876	326.976819	355.694
CIRC.	388.276	271.470679	0.000	712343.535	4369840.648	294.524175	187.437	10.772932	8.961915	34.215	325.210673	355.688
CIRC.	389.478	271.566367	0.000	712342.451	4369840.127	294.380642	188.563	10.629399	7.064093	33.563	323.312850	355.681
CIRC.	390.723	271.665442	0.000	712341.327	4369839.591	294.234422	189.729	10.483179	5.019904	32.922	321.268662	355.674
CIRC.	392.016	271.768290	0.000	712340.160	4369839.035	294.085165	190.942	10.333923	2.812501	32.296	319.061259	355.667
CIRC.	393.362	271.875376	0.000	712338.944	4369838.459	293.932453	192.207	10.181210	0.422519	31.688	316.671276	355.660
CIRC.	394.768	271.987267	0.000	712337.673	4369837.859	293.775770	193.531	10.024527	397.827516	31.106	314.076273	355.652
CIRC.	396.243	272.104656	0.000	712336.338	4369837.232	293.614494	194.921	9.863252	395.001659	30.555	311.250417	355.643
CIRC.	397.807	272.229113	0.000	712334.921	4369836.569	293.446913	196.398	9.695671	391.897068	30.041	308.145825	355.634
CIRC.	399.462	272.360791	0.000	712333.420	4369835.872	293.273345	197.963	9.522102	388.501888	29.582	304.750645	355.625
CIRC.	400.000	272.403643	0.000	712332.932	4369835.645	293.217675	198.473	9.466432	387.374948	29.452	303.623705	355.621
CIRC.	401.233	272.501771	0.000	712331.812	4369835.128	293.091680	199.641	9.340438	384.758407	29.190	301.007165	355.614
CLOT.	401.797	272.546621	0.000	712331.300	4369834.893	293.034773	200.176	9.283531	383.547508	29.088	299.796265	355.611
CLOT.	403.150	272.653577	0.000	712330.070	4369834.328	292.899841	201.460	9.148599	380.607786	28.887	296.856543	355.603
CLOT.	405.249	272.816530	0.000	712328.161	4369833.456	292.695251	203.456	8.944008	375.983402	28.703	292.232159	355.590
CLOT.	407.580	272.993228	0.000	712326.038	4369832.494	292.474629	205.676	8.723387	370.812220	28.685	287.060977	355.577
CLOT.	408.854	273.088012	0.000	712324.876	4369831.970	292.356754	206.892	8.605512	367.991462	28.758	284.240219	355.569
CLOT.	410.218	273.188001	0.000	712323.632	4369831.411	292.232725	208.195	8.481482	364.995030	28.900	281.243787	355.560
CLOT.	411.689	273.294094	0.000	712322.289	4369830.811	292.101442	209.601	8.350200	361.806322	29.127	278.055079	355.552
CLOT.	413.308	273.408883	0.000	712320.810	4369830.153	291.959721	211.151	8.208478	358.363001	29.462	274.611759	355.542
CLOT.	415.085	273.532369	0.000	712319.185	4369829.434	291.807566	212.854	8.056323	354.688026	29.930	270.936783	355.531
CLOT.	417.082	273.668101	0.000	712317.357	4369828.630	291.640590	214.770	7.889347	350.709832	30.574	266.958589	355.518
CLOT.	419.380	273.820317	0.000	712315.252	4369827.708	291.453525	216.979	7.702283	346.357081	31.461	262.605838	355.504

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 59 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 2

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B53                   X:  712338.734  Y: 4369806.771  Z: 354.808  PK:     406.629 Dis= -28.669  K : 1.000000000
                                                                       Distancia:   183.887  Azimut: 309.678266
BO : B54                   X:  712156.968  Y: 4369834.619  Z: 352.894  PK:     447.408 Dis= 133.642  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	400.000	272.403643	0.000	712332.932	4369835.645	387.374948	29.452	77.696682	99.628668	175.967	389.950403	355.621
CIRC.	401.233	272.501771	0.000	712331.812	4369835.128	384.758407	29.190	75.080142	99.814560	174.845	390.136295	355.614
CLOT.	401.797	272.546621	0.000	712331.300	4369834.893	383.547508	29.088	73.869242	99.900111	174.332	390.221846	355.611
CLOT.	403.150	272.653577	0.000	712330.070	4369834.328	380.607786	28.887	70.929520	100.107072	173.102	390.428806	355.603
CLOT.	405.249	272.816530	0.000	712328.161	4369833.456	375.983402	28.703	66.305136	100.432459	171.197	390.754193	355.590
CLOT.	407.580	272.993228	0.000	712326.038	4369832.494	370.812220	28.685	61.133954	100.800119	169.084	391.121853	355.577
CLOT.	408.854	273.088012	0.000	712324.876	4369831.970	367.991462	28.758	58.313196	101.004202	167.929	391.325936	355.569
CLOT.	410.218	273.188001	0.000	712323.632	4369831.411	364.995030	28.900	55.316764	101.225046	166.694	391.546780	355.560
CLOT.	411.689	273.294094	0.000	712322.289	4369830.811	361.806322	29.127	52.128056	101.465975	165.365	391.787710	355.552
CLOT.	413.308	273.408883	0.000	712320.810	4369830.153	358.363001	29.462	48.684736	101.734797	163.902	392.056531	355.542
CLOT.	415.085	273.532369	0.000	712319.185	4369829.434	354.688026	29.930	45.009760	102.034116	162.300	392.355850	355.531
CLOT.	417.082	273.668101	0.000	712317.357	4369828.630	350.709832	30.574	41.031566	102.376209	160.501	392.697943	355.518
CLOT.	419.380	273.820317	0.000	712315.252	4369827.708	346.357081	31.461	36.678815	102.777671	158.435	393.099405	355.504
CLOT.	420.000	273.860658	0.000	712314.683	4369827.461	345.226722	31.725	35.548456	102.887468	157.878	393.209202	355.500
CLOT.	420.684	273.904774	0.000	712314.056	4369827.188	344.002933	32.029	34.324667	103.009259	157.264	393.330993	355.496
CLOT.	422.124	273.996480	0.000	712312.735	4369826.615	341.502748	32.707	31.824483	103.268437	155.972	393.590171	355.487
CLOT.	423.780	274.099817	0.000	712311.214	4369825.958	338.761090	33.548	29.082824	103.570785	154.489	393.892520	355.476
CLOT.	425.685	274.215913	0.000	712309.464	4369825.206	335.782656	34.591	26.104390	103.924548	152.787	394.246283	355.464
CLOT.	427.993	274.352621	0.000	712307.343	4369824.299	332.419878	35.954	22.741612	104.362109	150.728	394.683844	355.449
CLOT.	429.374	274.432384	0.000	712306.071	4369823.758	330.531658	36.816	20.853392	104.628900	149.498	394.950634	355.440
CLOT.	431.059	274.527559	0.000	712304.521	4369823.101	328.350210	37.911	18.671944	104.959363	148.001	395.281097	355.430
CLOT.	433.142	274.642064	0.000	712302.601	4369822.291	325.828331	39.325	16.150065	105.376026	146.154	395.697760	355.416
CLOT.	434.434	274.711340	0.000	712301.410	4369821.791	324.356174	40.233	14.677908	105.639164	145.010	395.960898	355.408
CLOT.	436.139	274.800667	0.000	712299.837	4369821.132	322.516232	41.464	12.837966	105.991925	143.504	396.313659	355.397
CLOT.	438.444	274.917643	0.000	712297.709	4369820.246	320.203117	43.181	10.524851	106.479125	141.474	396.800859	355.382
CLOT.	440.000	274.994178	0.000	712296.272	4369819.649	318.746560	44.372	9.068294	106.815081	140.106	397.136815	355.372
CLOT.	440.450	275.015928	0.000	712295.857	4369819.477	318.340558	44.720	8.662292	106.913248	139.712	397.234982	355.369
CLOT.	442.145	275.096468	0.000	712294.290	4369818.830	316.866770	46.051	7.188504	107.287903	138.227	397.609637	355.358
CLOT.	443.521	275.160115	0.000	712293.018	4369818.306	315.734035	47.149	6.055769	107.597287	137.024	397.919021	355.349
CLOT.	445.352	275.242429	0.000	712291.324	4369817.610	314.308858	48.634	4.630593	108.016649	135.428	398.338383	355.337
CLOT.	447.144	275.320325	0.000	712289.666	4369816.932	312.999289	50.109	3.321024	108.435655	133.871	398.757389	355.325
RECTA	447.408	275.331590	0.000	712289.421	4369816.832	312.812907	50.329	3.134642	108.498185	133.642	398.819920	355.323
RECTA	447.408	275.331590	0.000	712289.421	4369816.832	312.812907	50.329	3.134642	108.498185	133.642	398.819920	355.323

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 64 (Derecha): C.A. 6,4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B33                   X:  715845.833  Y: 4371269.204  Z: 383.815  PK:       0.000 Dis=-140.235  K : 1.000000000
                                                                       Distancia:   378.363  Azimut: 128.218856
BO : B31                   X:  716187.630  Y: 4371106.929  Z: 388.139  PK:      22.828 Dis=-513.342  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	216.884206	0.000	715708.010	4371295.100	311.823795	140.235	183.604939	323.801935	515.212	395.583079	373.712
RECTA	0.001	216.884206	0.000	715708.010	4371295.100	311.823569	140.235	183.604713	323.801873	515.212	395.583017	373.712
CIRC.	19.607	216.884206	0.000	715702.871	4371276.179	303.103471	143.132	174.884615	321.384711	513.456	393.165855	374.186
CIRC.	20.000	217.384958	0.000	715702.766	4371275.800	302.932879	143.219	174.714023	321.336054	513.430	393.117198	374.201

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 64 (Derecha): C.A. 6,4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B31                   X:  716187.630  Y: 4371106.929  Z: 388.139  PK:      22.828 Dis=-513.342  K : 1.000000000
                                                                       Distancia:   564.236  Azimut: 310.167048
BO : B34                   X:  715630.574  Y: 4371196.657  Z: 380.099  PK:     142.054 Dis= -22.026  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	217.384958	0.000	715702.766	4371275.800	321.336054	513.430	11.169006	47.078168	107.123	336.911120	374.201
CIRC.	40.000	242.849749	0.000	715693.714	4371258.115	318.910169	516.537	8.743121	50.859525	88.112	340.692477	375.271
CIRC.	40.021	242.875851	0.000	715693.701	4371258.099	318.907819	516.544	8.740771	50.861381	88.092	340.694333	375.272
CIRC.	60.000	268.314540	0.000	715678.490	4371245.351	316.899555	527.621	6.732507	49.487289	68.316	339.320241	376.631
RECTA	70.550	281.747315	0.000	715668.759	4371241.326	316.134985	535.994	5.967938	45.028176	58.766	334.861128	377.348
RECTA	80.000	281.747315	0.000	715659.695	4371238.653	315.566377	544.120	5.399329	38.597689	51.105	328.430642	377.991
CIRC.	98.355	281.747315	0.000	715642.089	4371233.462	314.509270	560.023	4.342222	19.302588	38.565	309.135541	379.239
CIRC.	100.000	279.653456	0.000	715640.519	4371232.971	314.414834	561.442	4.247787	17.017335	37.652	306.850288	379.351
CIRC.	120.000	254.188666	0.000	715623.274	4371223.107	312.924851	576.190	2.757803	382.857187	27.439	272.690140	380.711
CIRC.	140.000	228.723875	0.000	715611.232	4371207.305	310.976307	585.072	0.809259	332.038556	22.079	221.871508	382.071

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 64 (Derecha): C.A. 6,4

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B34                   X:  715630.574  Y: 4371196.657  Z: 380.099  PK:     142.054 Dis= -22.026  K : 1.000000000
                                                                       Distancia:   878.374  Azimut: 296.847408
BO : B38                   X:  714753.277  Y: 4371153.177  Z: 374.716  PK:     164.349 Dis= 853.530  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	140.000	228.723875	0.000	715611.232	4371207.305	332.038556	22.079	35.191148	95.988877	859.661	399.141469	382.071
CIRC.	160.000	203.259084	0.000	715606.294	4371188.062	278.340296	25.756	381.492888	97.397926	853.730	0.550519	383.431
CIRC.	164.432	197.616206	0.000	715606.264	4371183.632	268.686537	27.580	371.839130	97.728004	853.530	0.880596	383.732
RECTA	179.481	178.455259	0.000	715609.065	4371168.903	241.973432	35.113	345.126024	98.830244	855.932	1.982836	384.614

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 64 (Derecha): C.A. 6,4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B38 X: 714753.277 Y: 4371153.177 Z: 374.716 PK: 164.349 Dis= 853.530 K : 1.000000000
Distancia: 223.179 Azimut: 114.413897
BO : B37 X: 714970.760 Y: 4371103.077 Z: 380.839 PK: 168.543 Dis= 640.407 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	160.000	203.259084	0.000	715606.294	4371188.062	97.397926	853.730	382.984029	91.537184	641.191	177.123287	383.431

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 64 (Derecha): C.A. 6,4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B37 X: 714970.760 Y: 4371103.077 Z: 380.839 PK: 168.543 Dis= 640.407 K : 1.000000000
Distancia: 261.922 Azimut: 100.753007
BO : B36 X: 715232.664 Y: 4371099.979 Z: 373.101 PK: 172.522 Dis= 382.113 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	160.000	203.259084	0.000	715606.294	4371188.062	91.537184	641.191	390.784177	85.260857	383.872	184.507850	383.431

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 64 (Derecha): C.A. 6,4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B36 X: 715232.664 Y: 4371099.979 Z: 373.101 PK: 172.522 Dis= 382.113 K : 1.000000000
Distancia: 195.999 Azimut: 90.300118
BO : B35 X: 715426.392 Y: 4371129.727 Z: 376.751 PK: 174.464 Dis= 186.508 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	160.000	203.259084	0.000	715606.294	4371188.062	85.260857	383.872	394.960739	80.038004	189.124	189.737885	383.431
CIRC.	164.432	197.616206	0.000	715606.264	4371183.632	85.976751	382.850	395.676633	81.463735	187.775	191.163616	383.732
RECTA	179.481	178.455259	0.000	715609.065	4371168.903	88.470302	382.659	398.170184	86.550624	186.826	196.250505	384.614
RECTA	180.000	178.455259	0.000	715609.237	4371168.414	88.555582	382.741	398.255464	86.726026	186.893	196.425908	384.640
RECTA	200.000	178.455259	0.000	715615.877	4371149.548	91.810701	386.406	1.510583	93.364740	190.519	203.064622	385.360
RECTA	218.832	178.455259	0.000	715622.129	4371131.784	94.812597	390.762	4.512478	99.330863	195.748	209.030744	385.582
RECTA	220.000	178.455259	0.000	715622.517	4371130.683	94.996513	391.060	4.696394	99.689819	196.127	209.389701	385.581
RECTA	240.000	178.455259	0.000	715629.157	4371111.817	98.099823	396.670	7.799704	105.608629	203.555	215.308510	385.302
RECTA	260.000	178.455259	0.000	715635.797	4371092.951	101.109668	403.194	10.809550	111.067411	212.610	220.767293	384.523
RECTA	266.832	178.455259	0.000	715638.065	4371086.507	102.114785	405.625	11.814667	112.822406	216.041	222.522287	384.142
CIRC.	278.028	178.455259	0.000	715641.782	4371075.946	103.735448	409.824	13.435329	115.577332	222.003	225.277214	383.470
CIRC.	280.000	180.965916	0.000	715642.400	4371074.073	104.019679	410.554	13.719560	116.053098	223.063	225.752980	383.352
CIRC.	300.000	206.430707	0.000	715644.364	4371054.304	107.034096	414.226	16.733978	121.207570	230.652	230.907451	382.152
RECTA	307.327	215.760022	0.000	715643.094	4371047.094	108.158065	413.823	17.857947	123.192095	231.923	232.891976	381.712
RECTA	320.000	215.760022	0.000	715639.989	4371034.808	110.100228	412.506	19.800109	126.621879	233.738	236.321761	380.952
RECTA	323.805	215.760022	0.000	715639.057	4371031.119	110.685576	412.185	20.385458	127.640242	234.414	237.340124	380.724
RECTA	340.000	215.760022	0.000	715635.088	4371015.417	113.185511	411.213	22.885393	131.901076	237.951	241.600957	379.970
RECTA	359.805	215.760022	0.000	715630.235	4370996.216	116.252700	410.889	25.952582	136.915025	243.674	246.614907	379.644
RECTA	360.000	215.760022	0.000	715630.187	4370996.027	116.282933	410.890	25.982814	136.963204	243.738	246.663086	379.644
RECTA	368.205	215.760022	0.000	715628.177	4370988.072	117.553747	411.040	27.253628	138.965760	246.543	248.665642	379.702
RECTA	369.273	215.760022	0.000	715627.915	4370987.037	117.719078	411.071	27.418959	139.223015	246.925	248.922896	379.717

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 68 (Derecha): C.A. 8,6

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B45                   X:  713397.615  Y: 4370959.383  Z: 357.404  PK:     151.108 Dis=   6.823  K : 1.000000000
                                                                        Distancia:   153.005  Azimut:  86.962820
BO : B44                   X:  713547.423  Y: 4370990.498  Z: 362.667  PK:     206.578 Dis=-135.773  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	186.408528	0.000	713339.480	4371098.370	374.779540	150.655	287.816721	330.464853	234.258	43.502033	359.880
RECTA	12.054	186.408528	0.000	713342.034	4371086.589	373.775295	138.819	286.812475	327.858389	226.756	40.895569	360.001
RECTA	20.000	186.408528	0.000	713343.718	4371078.824	373.014273	131.039	286.051453	326.046008	222.030	39.083188	360.103
CIRC.	20.059	186.408528	0.000	713343.730	4371078.766	373.008235	130.980	286.045415	326.032151	221.996	39.069331	360.103
CIRC.	40.000	180.061264	0.000	713348.919	4371059.521	371.185228	111.350	284.222408	321.303684	210.162	34.340864	360.559
CIRC.	60.000	173.695066	0.000	713356.021	4371040.833	369.942370	91.456	282.979550	316.371283	197.910	29.408463	361.301
CIRC.	68.054	171.131263	0.000	713359.403	4371033.524	369.703851	83.409	282.741031	314.321589	192.880	27.358770	361.681
CIRC.	80.000	167.328868	0.000	713364.954	4371022.948	369.783033	71.465	282.820213	311.204450	185.332	24.241630	362.278
RECTA	92.515	163.345069	0.000	713371.435	4371012.244	370.725452	58.989	283.762632	307.826850	177.326	20.864030	362.904
RECTA	100.000	163.345069	0.000	713375.510	4371005.966	371.794412	51.562	284.831592	305.712846	172.607	18.750026	363.278
RECTA	120.000	163.345069	0.000	713386.400	4370989.191	377.091001	31.848	290.128181	299.483304	161.028	12.520485	364.278
RECTA	140.000	163.345069	0.000	713397.290	4370972.416	398.411902	13.037	311.449082	292.369178	151.218	5.406358	365.278
RECTA	152.937	163.345069	0.000	713404.334	4370961.565	80.012635	7.064	393.049815	287.298465	145.985	0.335645	365.925
RECTA	160.000	163.345069	0.000	713408.180	4370955.640	121.675645	11.208	34.712825	284.383997	143.540	397.421177	366.255
RECTA	180.000	163.345069	0.000	713419.069	4370938.865	148.580528	29.686	61.617708	275.651600	138.350	388.688780	366.945
RECTA	200.000	163.345069	0.000	713429.959	4370922.089	154.517390	49.365	67.554570	266.427096	135.932	379.464276	367.271
RECTA	207.937	163.345069	0.000	713434.280	4370915.432	155.737661	57.237	68.774841	262.708041	135.780	375.745221	367.300

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 68 (Derecha): C.A. 8,6

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B44                   X:  713547.423  Y: 4370990.498  Z: 362.667  PK:     206.578 Dis=-135.773  K : 1.000000000
                                                                        Distancia:   598.556  Azimut:  84.912488
BO : B41                   X:  714129.248  Y: 4371131.028  Z: 371.017  PK:     293.526 Dis=-710.200  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	200.000	163.345069	0.000	713429.959	4370922.089	266.427096	135.932	181.514608	281.516145	729.836	396.603657	367.271
RECTA	207.937	163.345069	0.000	713434.280	4370915.432	262.708041	135.780	177.795553	280.849823	727.641	395.937336	367.300
RECTA	220.000	163.345069	0.000	713440.849	4370905.314	257.072172	136.435	172.159684	279.829551	724.459	394.917063	367.234
RECTA	240.000	163.345069	0.000	713451.738	4370888.539	247.979570	139.826	163.067082	278.118954	719.598	393.206466	366.832
RECTA	260.000	163.345069	0.000	713462.628	4370871.763	239.480781	145.905	154.568293	276.386359	715.263	391.473871	366.068
RECTA	273.937	163.345069	0.000	713470.216	4370860.073	234.026639	151.563	149.114151	275.167159	712.558	390.254671	365.320
RECTA	280.000	163.345069	0.000	713473.518	4370854.988	231.786018	154.354	146.873530	274.633950	711.464	389.721462	364.956
CIRC.	280.854	163.345069	0.000	713473.983	4370854.271	231.477032	154.762	146.564544	274.558722	711.314	389.646234	364.905

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 68 (Derecha): C.A. 8,6

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B41                   X:  714129.248  Y: 4371131.028  Z: 371.017  PK:     293.526 Dis=-710.200  K : 1.000000000
                                                                        Distancia:   172.232  Azimut: 265.982450
BO : B42                   X:  713981.025  Y: 4371043.314  Z: 367.739  PK:     296.122 Dis=-539.471  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	280.000	163.345069	0.000	713473.518	4370854.988	274.633950	711.464	8.651500	277.378969	541.323	211.396520	364.956

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 68 (Derecha): C.A. 8,6

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B42                   X:  713981.025  Y: 4371043.314  Z: 367.739  PK:     296.122 Dis=-539.471  K : 1.000000000
                                                                        Distancia:   248.435  Azimut: 272.418929
BO : B43                   X:  713755.543  Y: 4370939.017  Z: 362.504  PK:     298.707 Dis=-291.520  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	280.000	163.345069	0.000	713473.518	4370854.988	277.378969	541.323	4.960041	281.565119	294.277	209.146190	364.956

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 68 (Derecha): C.A. 8,6

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B43                   X:  713755.543  Y: 4370939.017  Z: 362.504  PK:     298.707 Dis=-291.520  K : 1.000000000
                                                                        Distancia:   634.534  Azimut:  83.878593
BO : B40                   X:  714369.840  Y: 4371097.991  Z: 374.247  PK:     303.722 Dis=-924.898  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	280.000	163.345069	0.000	713473.518	4370854.988	281.565119	294.277	197.686526	283.145650	928.679	399.267057	364.956
CIRC.	280.854	163.345069	0.000	713473.983	4370854.271	281.387754	294.038	197.509161	283.089905	928.418	399.211312	364.905
CIRC.	300.000	178.581025	0.000	713482.396	4370837.124	277.269736	291.533	193.391142	281.799021	924.992	397.920428	363.756

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 68 (Derecha): C.A. 8,6

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B40                    X:  714369.840  Y: 4371097.991  Z: 374.247  PK:     303.722 Dis=-924.898  K : 1.000000000
                                                                        Distancia:  1217.202  Azimut: 280.267031
BO : B46                    X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     396.507 Dis= 265.050  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	300.000	178.581025	0.000	713482.396	4370837.124	281.799021	924.992	1.531991	75.431737	293.323	395.164707	363.756
CIRC.	320.000	194.496520	0.000	713486.582	4370817.620	280.432321	926.689	0.165291	79.739798	290.526	399.472767	362.556
CIRC.	340.000	210.412014	0.000	713485.813	4370797.687	279.152620	933.641	398.885590	83.930212	284.174	3.663182	361.356
RECTA	349.456	217.936624	0.000	713483.727	4370788.470	278.606217	938.616	398.339186	85.841349	279.977	5.574319	360.789
RECTA	360.000	217.936624	0.000	713480.795	4370778.341	278.027027	944.763	397.759997	87.978738	275.039	7.711707	360.156
RECTA	367.555	217.936624	0.000	713478.694	4370771.085	277.616699	949.214	397.349668	89.556621	271.697	9.289591	359.703
CIRC.	369.201	217.936624	0.000	713478.237	4370769.504	277.527801	950.190	397.260770	89.905536	270.991	9.638505	359.607
CIRC.	380.000	209.342766	0.000	713475.942	4370758.959	276.921751	956.031	396.654720	92.300094	267.250	12.033064	359.111
CIRC.	397.555	195.373306	0.000	713475.294	4370741.452	275.854735	962.982	395.587704	96.458453	265.059	16.191422	358.803

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 68 (Derecha): C.A. 8,6

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B46                    X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     396.507 Dis= 265.050  K : 1.000000000
                                                                        Distancia:   197.142  Azimut: 201.827356
BO : B47                    X:  713204.987  Y: 4370529.653  Z: 359.989  PK:     422.394 Dis= 333.691  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	380.000	209.342766	0.000	713475.942	4370758.959	92.300094	267.250	290.472739	55.287994	354.962	53.460639	359.111
CIRC.	397.555	195.373306	0.000	713475.294	4370741.452	96.458453	265.059	294.631097	57.688368	343.401	55.861013	358.803
CIRC.	400.000	193.427272	0.000	713475.508	4370739.016	97.045283	265.149	295.217927	58.069870	342.074	56.242515	358.809
CIRC.	420.000	177.511778	0.000	713480.022	4370719.585	101.684353	269.471	299.856998	61.524475	334.243	59.697119	359.306
CIRC.	422.055	175.876826	0.000	713480.757	4370717.667	102.131492	270.264	300.304136	61.905275	333.764	60.077920	359.403
CIRC.	422.394	175.606522	0.000	713480.884	4370717.352	102.204690	270.401	300.377334	61.968554	333.691	60.141198	359.420

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 69 (Derecha): C.A. 8,9

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B45                    X:  713397.615  Y: 4370959.383  Z: 357.404  PK:     123.801 Dis=-313.331  K : 1.000000000
                                                                        Distancia:   298.484  Azimut: 243.094376
BO : B46                    X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     227.536 Dis= -25.472  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	119.170722	0.000	713033.710	4370859.220	282.900782	377.438	39.806406	340.921568	221.052	297.827192	356.950
RECTA	7.123	119.170722	0.000	713040.513	4370857.107	282.242251	371.460	39.147875	341.630427	214.353	298.536051	357.003
CIRC.	18.407	119.170722	0.000	713051.289	4370853.760	281.154814	362.074	38.060438	342.848378	203.802	299.754002	357.134
CIRC.	20.000	119.846743	0.000	713052.807	4370853.280	280.995535	360.763	37.901159	343.028042	202.316	299.933666	357.159
CIRC.	40.000	128.335006	0.000	713071.379	4370845.896	278.687696	345.412	35.593320	345.062773	183.302	301.968396	357.636
CIRC.	60.000	136.823270	0.000	713088.804	4370836.109	275.820839	332.507	32.726463	346.576798	163.746	303.482421	358.399
CIRC.	80.000	145.311534	0.000	713104.773	4370824.093	272.448419	322.583	29.354043	347.341308	143.846	304.246931	359.447
CIRC.	80.623	145.576112	0.000	713105.244	4370823.685	272.336205	322.327	29.241829	347.349566	143.223	304.255189	359.484
CIRC.	100.000	153.799797	0.000	713119.003	4370810.060	268.678735	316.105	25.584358	346.984127	123.875	303.889751	360.647
CIRC.	120.000	162.288061	0.000	713131.241	4370794.261	264.672969	313.402	21.578593	344.874127	104.248	301.779751	361.847
CIRC.	140.000	170.776324	0.000	713141.270	4370776.974	260.628059	314.620	17.533683	339.913460	85.668	296.819084	363.047
CIRC.	149.358	174.748122	0.000	713145.152	4370768.461	258.779973	316.526	15.685597	336.127081	77.666	293.032705	363.608
CIRC.	160.000	169.536814	0.000	713149.660	4370758.824	256.702497	318.913	13.608120	330.853571	68.922	287.759194	364.247
CIRC.	169.672	164.800429	0.000	713154.429	4370750.412	254.808214	320.637	11.713837	325.398057	61.007	282.303681	364.827
CIRC.	180.000	159.742664	0.000	713160.196	4370741.848	252.780517	322.008	9.686140	318.553621	52.670	275.459244	365.398
CIRC.	200.000	149.948514	0.000	713173.209	4370726.686	248.845382	323.274	5.751006	299.952468	37.436	256.858091	366.229
RECTA	205.326	147.340450	0.000	713177.054	4370723.001	247.796704	323.301	4.702328	292.992351	33.795	249.897975	366.388
RECTA	220.000	147.340450	0.000	713187.855	4370713.068	244.908278	323.528	1.813901	265.652832	26.563	222.558456	366.695
RECTA	235.672	147.340450	0.000	713199.390	4370702.458	241.834793	324.505	398.740417	227.658714	26.740	184.564338	366.807

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 69 (Derecha): C.A. 8,9

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B46                    X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     227.536 Dis= -25.472  K : 1.000000000
                                                                        Distancia:   673.400  Azimut: 232.318043
BO : B49                    X:  712883.288  Y: 4370138.237  Z: 360.572  PK:     333.737 Dis= 632.072  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	220.000	147.340450	0.000	713187.855	4370713.068	265.652832	26.563	33.334789	31.018131	650.531	398.700088	366.695
RECTA	235.672	147.340450	0.000	713199.390	4370702.458	227.658714	26.740	395.340671	32.510516	646.735	0.192472	366.807
RECTA	240.000	147.340450	0.000	713202.575	4370699.528	218.370052	28.358	386.052009	32.925688	645.749	0.607645	366.798
RECTA	260.000	147.340450	0.000	713217.296	4370685.989	189.694509	41.264	357.376466	34.859941	641.556	2.541897	366.538
RECTA	280.000	147.340450	0.000	713232.016	4370672.450	176.115217	58.321	343.797174	36.817814	637.962	4.499770	365.914
RECTA	299.472	147.340450	0.000	713246.348	4370659.268	169.005741	76.312	336.687698	38.743508	635.048	6.425465	364.957
RECTA	300.000	147.340450	0.000	713246.736	4370658.911	168.859634	76.810	336.541590	38.795976	634.977	6.477933	364.926
CIRC.	315.880	147.340450	0.000	713258.424	4370648.161	165.211363	91.943	332.893320	40.378705	633.048	8.060662	364.005
CIRC.	320.000	146.148144	0.000	713261.483	4370645.400	164.428986	95.898	332.110943	40.791248	632.650	8.473205	363.766

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 69 (Derecha): C.A. 8,9

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B49                  X:  712883.288  Y: 4370138.237  Z: 360.572  PK:     333.737 Dis= 632.072  K : 1.000000000
                                                                        Distancia:   243.769  Azimut: 234.302729
 BO : B51                  X:  712758.203  Y: 4369929.007  Z: 362.758  PK:     339.781 Dis= 874.394  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	320.000	146.148144	0.000	713261.483	4370645.400	40.791248	632.650	206.488519	38.987518	875.506	4.684789	363.766

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 69 (Derecha): C.A. 8,9

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B51                  X:  712758.203  Y: 4369929.007  Z: 362.758  PK:     339.781 Dis= 874.394  K : 1.000000000
                                                                        Distancia:   748.593  Azimut:  40.714793
 BO : B47                  X:  713204.987  Y: 4370529.653  Z: 359.989  PK:     341.956 Dis= 125.826  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	320.000	146.148144	0.000	713261.483	4370645.400	38.987518	875.506	398.272725	28.907599	128.799	188.192805	363.766
CIRC.	340.000	140.360691	0.000	713277.036	4370632.838	40.440014	874.394	399.725220	38.805362	125.850	198.090568	362.606
CIRC.	350.427	137.343277	0.000	713285.580	4370626.862	41.198635	874.716	0.483841	44.067966	126.273	203.353172	362.001

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 69 (Derecha): C.A. 8,9

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B47                  X:  713204.987  Y: 4370529.653  Z: 359.989  PK:     341.956 Dis= 125.826  K : 1.000000000
                                                                        Distancia:   305.589  Azimut: 233.411624
 BO : B48                  X:  713051.867  Y: 4370265.193  Z: 361.446  PK:     352.303 Dis= 430.600  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	340.000	140.360691	0.000	713277.036	4370632.838	38.805362	125.850	205.393738	34.984407	431.119	1.572783	362.606

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 69 (Derecha): C.A. 8,9

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B48                  X:  713051.867  Y: 4370265.193  Z: 361.446  PK:     352.303 Dis= 430.600  K : 1.000000000
                                                                        Distancia:   299.218  Azimut: 221.793802
 BO : B50                  X:  712951.423  Y: 4369983.338  Z: 366.172  PK:     368.602 Dis= 724.132  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	340.000	140.360691	0.000	713277.036	4370632.838	34.984407	431.119	213.190605	29.584378	726.549	7.790576	362.606
CIRC.	350.427	137.343277	0.000	713285.580	4370626.862	36.523169	430.612	214.729367	30.490131	725.110	8.696328	362.001
CIRC.	360.000	134.573239	0.000	713293.665	4370621.739	37.937705	430.803	216.143903	31.328303	724.352	9.534501	361.479
CIRC.	375.705	130.028638	0.000	713307.389	4370614.109	40.240504	432.474	218.446701	32.708375	724.282	10.914573	360.763

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 69 (Derecha): C.A. 8,9

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B50                  X:  712951.423  Y: 4369983.338  Z: 366.172  PK:     368.602 Dis= 724.132  K : 1.000000000
                                                                        Distancia:  1170.294  Azimut:  34.017195
 BO : B44                  X:  713547.423  Y: 4370990.498  Z: 362.667  PK:     400.620 Dis=-445.217  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	360.000	134.573239	0.000	713293.665	4370621.739	31.328303	724.352	397.311108	238.370398	447.634	4.353203	361.479
CIRC.	375.705	130.028638	0.000	713307.389	4370614.109	32.708375	724.282	398.691180	236.140930	446.413	2.123735	360.763
CIRC.	380.000	130.469650	0.000	713311.208	4370612.144	33.085517	724.460	399.068322	235.530530	446.037	1.513335	360.598
CIRC.	400.000	132.523263	0.000	713328.809	4370602.649	34.840740	725.235	0.823545	232.675625	445.218	398.658430	360.004
CIRC.	410.627	133.614494	0.000	713338.035	4370597.373	35.772809	725.609	1.755614	231.156562	445.410	397.139367	359.804

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 69 (Derecha): C.A. 8,9

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B44                  X:  713547.423  Y: 4370990.498  Z: 362.667  PK:     400.620 Dis=-445.217  K : 1.000000000
                                                                        Distancia:   214.393  Azimut: 115.437673
 BO : B43                  X:  713755.543  Y: 4370939.017  Z: 362.504  PK:     448.204 Dis=-528.618  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	400.000	132.523263	0.000	713328.809	4370602.649	232.675625	445.218	117.237952	257.503816	543.365	342.066144	360.004
CIRC.	410.627	133.614494	0.000	713338.035	4370597.373	231.156562	445.410	115.718889	256.340902	539.475	340.903229	359.804
CIRC.	420.000	134.576875	0.000	713346.095	4370592.590	229.819887	445.941	114.382215	255.295595	536.339	339.857923	359.663
CIRC.	440.000	136.630487	0.000	713363.047	4370581.979	226.990000	448.198	111.552327	253.009434	530.593	337.571762	359.363
CIRC.	448.204	137.472838	0.000	713369.900	4370577.470	225.842723	449.563	110.405050	252.052313	528.618	336.614640	359.240

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 70 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B54 X: 712156.968 Y: 4369834.619 Z: 352.894 PK: 0.000 Dis=-128.064 K : 1.000000000
Distancia: 183.887 Azimut: 109.678266
BO : B53 X: 712338.734 Y: 4369806.771 Z: 354.808 PK: 53.249 Dis= 20.319 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	75.798384	0.000	712281.844	4369806.223	114.234312	128.064	4.556047	299.386703	56.893	389.708438	355.587
CIRC.	0.000	75.798384	0.000	712281.844	4369806.223	114.234312	128.064	4.556047	299.386703	56.893	389.708438	355.587
CIRC.	1.753	75.820703	0.000	712283.472	4369806.873	113.745228	129.511	4.066963	300.117625	55.262	390.439359	355.598
CIRC.	3.886	75.847862	0.000	712285.453	4369807.663	113.165023	131.282	3.486758	301.066273	53.288	391.388007	355.612
CIRC.	6.258	75.878069	0.000	712287.657	4369808.542	112.538295	133.265	2.860029	302.205970	51.108	392.527704	355.628
CIRC.	7.951	75.899617	0.000	712289.230	4369809.167	112.102811	134.688	2.424545	303.079240	49.562	393.400975	355.639
CIRC.	9.352	75.917454	0.000	712290.531	4369809.685	111.749397	135.871	2.071131	303.843787	48.291	394.165522	355.649
CIRC.	11.639	75.946575	0.000	712292.657	4369810.529	111.185812	137.811	1.507547	305.180976	46.230	395.502710	355.665
CIRC.	13.551	75.970917	0.000	712294.434	4369811.234	110.727104	139.441	1.048838	306.392200	44.524	396.713934	355.678
CIRC.	15.224	75.992228	0.000	712295.990	4369811.851	110.334483	140.874	0.656218	307.530264	43.045	397.851998	355.690
CIRC.	16.732	76.011417	0.000	712297.391	4369812.405	109.987910	142.170	0.309644	308.623167	41.725	398.944901	355.701
CIRC.	18.118	76.029067	0.000	712298.680	4369812.915	109.674825	143.365	399.996560	309.690437	40.522	0.012171	355.711
CIRC.	19.400	76.045388	0.000	712299.873	4369813.387	109.390064	144.473	399.711798	310.734551	39.420	1.056285	355.720
CIRC.	20.000	76.053032	0.000	712300.431	4369813.607	109.258246	144.993	399.579981	311.243631	38.908	1.565365	355.725
CIRC.	21.739	76.075177	0.000	712302.049	4369814.246	108.881793	146.504	399.203527	312.796135	37.439	3.117870	355.737
CIRC.	23.852	76.102076	0.000	712304.014	4369815.021	108.435139	148.346	398.756873	314.851216	35.687	5.172950	355.753
CIRC.	25.792	76.126780	0.000	712305.819	4369815.732	108.034920	150.045	398.356654	316.921369	34.113	7.243103	355.768
CIRC.	27.596	76.149751	0.000	712307.498	4369816.392	107.671081	151.630	397.992815	319.022111	32.684	9.343846	355.781
CIRC.	29.290	76.171310	0.000	712309.074	4369817.012	107.336691	153.122	397.658425	321.164594	31.378	11.486329	355.794
CIRC.	30.890	76.191689	0.000	712310.564	4369817.597	107.026743	154.536	397.348477	323.357098	30.179	13.678832	355.807
CIRC.	32.412	76.211062	0.000	712311.980	4369818.152	106.737476	155.885	397.059210	325.605914	29.074	15.927648	355.818
CIRC.	33.868	76.229604	0.000	712313.336	4369818.684	106.465428	157.178	396.787162	327.920693	28.053	18.242427	355.830
CIRC.	35.261	76.247335	0.000	712314.633	4369819.191	106.209596	158.418	396.531331	330.293531	27.113	20.615265	355.841
CIRC.	36.600	76.264393	0.000	712315.881	4369819.680	105.967341	159.613	396.289076	332.732981	26.247	23.054716	355.852
CIRC.	37.893	76.280851	0.000	712317.084	4369820.150	105.737165	160.769	396.058899	335.239724	25.450	25.561458	355.862
CIRC.	39.143	76.296766	0.000	712318.249	4369820.605	105.517811	161.888	395.839546	337.813273	24.719	28.135008	355.872
CIRC.	40.000	76.307680	0.000	712319.047	4369820.917	105.369193	162.657	395.690928	339.665603	24.242	29.987337	355.879
CIRC.	40.354	76.312189	0.000	712319.377	4369821.046	105.308220	162.975	395.629955	340.451939	24.051	30.773673	355.882
CIRC.	41.530	76.327163	0.000	712320.473	4369821.473	105.107492	164.032	395.429227	343.152685	23.444	33.474419	355.891
CIRC.	42.674	76.341724	0.000	712321.538	4369821.888	104.914848	165.062	395.236583	345.911255	22.896	36.232990	355.901
CIRC.	43.788	76.355906	0.000	712322.576	4369822.293	104.729614	166.066	395.051349	348.722117	22.405	39.043852	355.910
CIRC.	44.874	76.369736	0.000	712323.588	4369822.687	104.551205	167.047	394.872939	351.578441	21.971	41.900175	355.919
CIRC.	45.934	76.383240	0.000	712324.577	4369823.072	104.379098	168.006	394.700832	354.472385	21.590	44.794120	355.928
CIRC.	46.971	76.396438	0.000	712325.543	4369823.447	104.212839	168.945	394.534574	357.394994	21.263	47.716729	355.937
CIRC.	47.985	76.409352	0.000	712326.488	4369823.815	104.052022	169.864	394.373757	360.336508	20.987	50.658243	355.945
CIRC.	48.079	76.410549	0.000	712326.576	4369823.849	104.037211	169.949	394.358946	360.612880	20.963	50.934615	355.946
CIRC.	49.492	76.428530	0.000	712327.892	4369824.360	103.816510	171.232	394.138244	364.833863	20.662	55.155597	355.958
CIRC.	50.863	76.445987	0.000	712329.171	4369824.856	103.605517	172.479	393.927251	369.032773	20.458	59.354507	355.970
CIRC.	52.198	76.462986	0.000	712330.415	4369825.338	103.403083	173.695	393.724818	373.185055	20.346	63.506789	355.981
CIRC.	53.500	76.479563	0.000	712331.629	4369825.809	103.208519	174.883	393.530253	377.261179	20.320	67.582914	355.992
CIRC.	54.771	76.495746	0.000	712332.815	4369826.268	103.021214	176.045	393.342949	381.234684	20.375	71.556418	356.003
CIRC.	56.013	76.511562	0.000	712333.973	4369826.716	102.840626	177.182	393.162360	385.083174	20.505	75.404908	356.014
CIRC.	58.418	76.542185	0.000	712336.217	4369827.583	102.497787	179.387	392.819522	392.336891	20.963	82.658626	356.036

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 70 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B53 X: 712338.734 Y: 4369806.771 Z: 354.808 PK: 53.249 Dis= 20.319 K : 1.000000000
Distancia: 197.958 Azimut: 83.751243
BO : B52 X: 712530.279 Y: 4369856.750 Z: 358.001 PK: 247.685 Dis= 44.434 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	76.307680	0.000	712319.047	4369820.917	339.665603	24.242	255.914360	289.302296	214.250	5.551053	355.879
CIRC.	40.354	76.312189	0.000	712319.377	4369821.046	340.451939	24.051	256.700696	289.323656	213.903	5.572414	355.882
CIRC.	41.530	76.327163	0.000	712320.473	4369821.473	343.152685	23.444	259.401442	289.395041	212.751	5.643798	355.891
CIRC.	42.674	76.341724	0.000	712321.538	4369821.888	345.911255	22.896	262.160013	289.465127	211.632	5.713885	355.901
CIRC.	43.788	76.355906	0.000	712322.576	4369822.293	348.722117	22.405	264.970874	289.534028	210.542	5.782785	355.910
CIRC.	44.874	76.369736	0.000	712323.588	4369822.687	351.578441	21.971	267.827198	289.601838	209.479	5.850596	355.919
CIRC.	45.934	76.383240	0.000	712324.577	4369823.072	354.472385	21.590	270.721143	289.668646	208.441	5.917404	355.928
CIRC.	46.971	76.396438	0.000	712325.543	4369823.447	357.394994	21.263	273.643752	289.734527	207.427	5.983285	355.937
CIRC.	47.985	76.409352	0.000	712326.488	4369823.815	360.336508	20.987	276.585266	289.799549	206.435	6.048306	355.945
CIRC.	48.079	76.410549	0.000	712326.576	4369823.849	360.612880	20.963	276.861638	289.805603	206.343	6.054360	355.946
CIRC.	49.492	76.428530	0.000	712327.892	4369824.360	364.833863	20.662	281.082620	289.897158	204.962	6.145915	355.958
CIRC.	50.863	76.445987	0.000	712329.171	4369824.856	369.032773	20.458	285.281530	289.987114	203.622	6.235872	355.970
CIRC.	52.198	76.462986	0.000	712330.415	4369825.338	373.185055	20.346	289.433812	290.075749	202.317	6.324507	355.981
CIRC.	53.500	76.479563	0.000	712331.629	4369825.809	377.261179	20.320	293.509937	290.163178	201.045	6.411936	355.992
CIRC.	54.771	76.495746	0.000	712332.815	4369826.268	381.234684	20.375	297.483441	290.249505	199.803	6.498262	356.003
CIRC.	56.013	76.511562	0.000	712333.973	4369826.716	385.083174	20.505	301.331931	290.334823	198.590	6.583580	356.014
CIRC.	58.418	76.542185	0.000	712336.217	4369827.583	392.336891	20.963	308.585649	290.502727	196.242	6.751484	356.036
CIRC.	60.000	76.562328	0.000	712337.693	4369828.152	396.901752	21.406	313.150510	290.615175	194.698	6.863933	356.050
CIRC.	60.728	76.571603	0.000	712338.372	4369828.414	398.936241	21.646	315.184999	290.667505	193.987	6.916262	356.056
CIRC.	62.954	76.599944	0.000	712340.449	4369829.215	4.856101	22.509	321.104858	290.829581	191.816	7.078338	356.076
CIRC.	65.104	76.627317	0.000	712342.456	4369829.987	10.119639	23.512	326.368396	290.989337	189.720	7.238095	356.096
CIRC.	67.185	76.653815	0.000	712344.398	4369830.733	14.777641	24.623	331.026399	291.147098	187.692	7.395855	356.115
CIRC.	69.204	76.679518	0.000	712346.283	4369831.457	18.893222	25.814	335.141979	291.303136	185.726	7.551894	356.134
CIRC.	71.166	76.704494	0.000	712348.115	4369832.159	22.531894	27.066	338.780651	291.457690	183.817	7.706447	356.152
CIRC.	73.075	76.728800	0.000	712349.897	4369832.842	25.755872	28.360	342.004629	291.610964	181.959	7.859722	356.170
CIRC.	74.935	76.752488	0.000	712351.635	4369833.506	28.621401	29.685	344.870159	291.763142	180.150	8.011899	356.188
CIRC.	76.751	76.775603	0.000	712353.331	4369834.154	31.177765	31.031	347.426522	291.914381	178.385	8.163139	356.205
CIRC.	78.524	76.798184	0.000	712354.988	4369834.787	33.467462	32.389	349.716220	292.064825	176.662	8.313582	356.222
CIRC.	80.000	76.816976	0.000	712356.367	4369835.313	35.230391	33.549	351.479148	292.192104	175.228	8.440862	356.237
CIRC.	80.259	76.820267	0.000	712356.608	4369835.405	35.526740	33.755	351.775497	292.214599	174.977	8.463356	356.239
CIRC.	81.956	76.841885	0.000	712358.195	4369836.009	37.386470	35.123	353.635227	292.363822	173.329	8.612580	356.256
CIRC.	83.620	76.863064	0.000	712359.750	4369836.601	39.072736	36.489	355.321493	292.512599	171.716	8.761356	356.272
CIRC.	85.251	76.883830	0.000	712361.274	4369837.180	40.607627	37.852	356.856385	292.661021	170.134	8.909778	356.289
CIRC.	86.851	76.904208	0.000	712362.770	4369837.749	42.010015	39.209	358.258773	292.809184	168.583	9.057941	356.305
CIRC.	88.423	76.924218	0.000	712364.240	4369838.306	43.295810	40.559	359.544567	292.957161	167.060	9.205918	356.320
CIRC.	89.967	76.943879	0.000	712365.684	4369838.853	44.478680	41.899	360.727438	293.105027	165.565	9.353784	356.336
CIRC.	91.784	76.967015	0.000	712367.383	4369839.497	45.777503	43.494	362.026260	293.282259	163.807	9.531016	356.355
CIRC.	93.566	76.989701	0.000	712369.050	4369840.127	46.962141	45.074	363.210898	293.459532	162.084	9.708289	356.373
CIRC.	95.314	77.011962	0.000	712370.685	4369840.745	48.046986	46.638	364.295743	293.636951	160.394	9.885709	356.391
CIRC.	97.031	77.033822	0.000	712372.291	4369841.351	49.044170	48.186	365.292927	293.814616	158.736	10.063374	356.409
CLOT.	97.192	77.035868	0.000	712372.442	4369841.408	49.134261	48.332	365.383019	293.831423	158.581	10.080180	356.411
CLOT.	98.721	77.035475	0.000	712373.873	4369841.948	49.965343	49.721	366.214100	293.993042	157.105	10.241800	356.427
CLOT.	100.000	77.034542	0.000	712375.069	4369842.399	50.625272	50.888	366.874030	294.130526	155.872	10.379283	356.440
CLOT.	100.390	77.034148	0.000	712375.434	4369842.537	50.820368	51.245	367.069126	294.172853	155.496	10.421611	356.444
CLOT.	120.000	76.948359	0.000	712393.778	4369849.468	57.999793	69.663	374.248551	296.607028	136.695	12.855786	356.651
CLOT.	140.000	76.727602	0.000	712412.470	4369856.582	62.177733	88.984	378.426490	299.909143	117.809	16.157900	356.863
CLOT.	160.000	76.372271	0.000	712431.130	4369863.780	64.805643	108.568	381.054400	304.506411	99.398	20.755168	357.074

CLOT.	180.000	75.882366	0.000	712449.742	4369871.102	66.563154	128.301	382.811911	311.227005	81.806	27.475763	357.285
CLOT.	200.000	75.257887	0.000	712468.288	4369878.587	67.776778	148.128	384.025536	321.561340	65.724	37.810098	357.497
CLOT.	201.563	75.203400	0.000	712469.735	4369879.180	67.854456	149.680	384.103214	322.586804	64.565	38.835561	357.513
CLOT.	220.000	74.498833	0.000	712486.752	4369886.272	68.621710	168.018	384.870468	337.941677	52.594	54.190435	357.765
CLOT.	240.000	73.605206	0.000	712505.115	4369894.197	69.200041	187.952	385.448799	362.332853	45.116	78.581610	358.166
CIRC.	242.749	73.471833	0.000	712507.631	4369895.307	69.262549	190.695	385.511306	366.189052	44.717	82.437809	358.231
CLOT.	252.306	73.003847	0.000	712516.355	4369899.207	69.452152	200.234	385.700909	379.825446	44.682	96.074203	358.479

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 70 (Derecha): ENLACE MALPARTIDA OESTE - RAMAL 3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B52 X: 712530.279 Y: 4369856.750 Z: 358.001 PK: 247.685 Dis= 44.434 K : 1.000000000
Distancia: 239.103 Azimut: 80.455802
BO : B51 X: 712758.203 Y: 4369929.007 Z: 362.758 PK: 472.910 Dis= 75.548 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	240.000	73.605206	0.000	712505.115	4369894.197	362.332853	45.116	281.877051	291.298464	255.470	10.842662	358.166
CIRC.	242.749	73.471833	0.000	712507.631	4369895.307	366.189052	44.717	285.733250	291.489104	252.828	11.033302	358.231
CLOT.	252.306	73.003847	0.000	712516.355	4369899.207	379.825446	44.682	299.369644	292.195124	243.677	11.739322	358.479
CLOT.	260.000	72.637021	0.000	712523.358	4369902.393	390.420242	46.165	309.964440	292.816218	236.348	12.360416	358.700
CLOT.	280.000	71.776664	0.000	712541.481	4369910.853	12.997234	55.251	332.541432	294.679795	217.481	14.223993	359.368
CLOT.	300.000	71.050881	0.000	712559.497	4369919.538	27.726845	69.253	347.271043	296.968700	198.932	16.512898	360.169
CLOT.	307.859	70.802524	0.000	712566.550	4369923.004	31.887261	75.533	351.431459	298.006616	191.747	17.550814	360.520
CLOT.	320.000	70.459673	0.000	712577.422	4369928.409	37.044172	85.776	356.588370	299.789490	180.782	19.333688	361.078
CIRC.	322.174	70.403527	0.000	712579.365	4369929.383	37.834597	87.664	357.378795	300.133798	178.839	19.677996	361.178
CIRC.	340.000	69.949582	0.000	712595.271	4369937.432	43.169451	103.602	362.713649	303.288853	163.150	22.833051	361.998
CIRC.	360.000	69.440286	0.000	712613.047	4369946.597	47.390717	122.160	366.934915	307.677059	146.218	27.221257	362.918
CIRC.	380.000	68.930990	0.000	712630.749	4369955.904	50.419883	141.159	369.964081	313.240476	130.261	32.784674	363.838
CIRC.	400.000	68.421695	0.000	712648.377	4369965.352	52.665053	160.442	372.209251	320.345692	115.684	39.889890	364.758
CIRC.	410.986	68.141931	0.000	712658.028	4369970.602	53.657698	171.120	373.201896	325.054854	108.468	44.599052	365.264
CIRC.	420.000	67.912399	0.000	712665.928	4369974.941	54.371518	179.916	373.915716	329.404473	103.076	48.948671	365.654
CIRC.	432.846	67.585279	0.000	712677.161	4369981.174	55.257697	192.498	374.801895	336.410542	96.381	55.954740	366.129
CIRC.	440.000	73.278290	0.000	712683.555	4369984.378	55.796649	199.455	375.340847	340.629248	92.942	60.173446	366.351
CIRC.	453.977	84.400527	0.000	712696.750	4369988.932	57.277130	212.567	376.821328	349.198632	85.835	68.742831	366.698
CIRC.	453.983	84.405304	0.000	712696.755	4369988.934	57.277873	212.572	376.822071	349.202421	85.831	68.746619	366.698
CIRC.	455.042	85.248130	0.000	712697.785	4369989.184	57.410290	213.534	376.954488	349.872528	85.274	69.416726	366.720
CIRC.	456.860	86.694726	0.000	712699.558	4369989.581	57.643564	215.174	377.187762	351.030364	84.311	70.574563	366.756
CIRC.	458.733	88.185788	0.000	712701.396	4369989.949	57.891727	216.847	377.435925	352.234337	83.312	71.778535	366.793
CIRC.	460.000	89.193784	0.000	712702.643	4369990.172	58.063802	217.970	377.608000	353.054553	82.633	72.598751	366.818
CIRC.	460.658	89.717285	0.000	712703.291	4369990.281	58.154510	218.549	377.698708	353.482593	82.279	73.026791	366.830
CIRC.	462.627	91.284639	0.000	712705.239	4369990.574	58.431450	220.272	377.975648	354.772837	81.214	74.317035	366.867
CIRC.	464.636	92.882780	0.000	712707.232	4369990.823	58.721880	222.008	378.266078	356.102337	80.120	75.646535	366.903
CIRC.	466.676	94.506135	0.000	712709.262	4369991.024	59.024926	223.751	378.569124	357.467893	79.003	77.012091	366.937
CIRC.	468.740	96.148779	0.000	712711.320	4369991.176	59.339522	225.491	378.883720	358.865907	77.865	78.410105	366.971
CIRC.	470.821	97.804482	0.000	712713.398	4369991.275	59.664421	227.221	379.208619	360.292395	76.712	79.836593	367.002
CIRC.	472.910	99.466923	0.000	712715.487	4369991.319	59.998238	228.934	379.542436	361.743124	75.548	81.287322	367.032

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 71 (Derecha): C.A.: 1,6 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B10 X: 720055.689 Y: 4370811.993 Z: 405.592 PK: 0.000 Dis= -97.487 K : 1.000000000
Distancia: 155.674 Azimut: 121.865036
BO : B09 X: 720202.271 Y: 4370759.571 Z: 405.430 PK: 40.864 Dis=-144.624 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	145.432338	0.000	720045.544	4370715.035	206.637118	97.487	84.772082	282.374314	162.932	360.509278	411.302
RECTA	20.000	145.432338	0.000	720060.663	4370701.943	197.124363	110.162	75.259328	275.395483	152.885	353.530447	409.841
RECTA	20.054	145.432338	0.000	720060.704	4370701.908	197.101632	110.199	75.236597	275.375356	152.860	353.510320	409.834
RECTA	20.056	145.432338	0.000	720060.706	4370701.906	197.100852	110.201	75.235816	275.374664	152.859	353.509628	409.833
RECTA	40.000	145.432338	0.000	720075.783	4370688.851	189.702567	124.770	67.837531	267.544837	144.916	345.679802	408.366
RECTA	40.864	145.432338	0.000	720076.436	4370688.286	189.421701	125.435	67.556665	267.187327	144.624	345.322291	408.359
RECTA	40.864	145.432338	0.000	720076.436	4370688.286	189.421697	125.435	67.556661	267.187322	144.624	345.322286	408.359

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 79 (Derecha): C.A. 7,4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B35 X: 715426.392 Y: 4371129.727 Z: 376.751 PK: 0.000 Dis=-733.819 K : 1.000000000
Distancia: 888.604 Azimut: 305.510400
BO : B39 X: 714541.115 Y: 4371206.546 Z: 375.817 PK: 60.305 Dis= 150.976 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	213.651712	0.000	714701.890	4371246.290	310.155363	733.819	4.644963	84.571895	165.615	379.061496	373.135
CIRC.	17.888	213.651712	0.000	714698.083	4371228.811	308.608181	735.018	3.097781	91.029652	158.540	385.519252	373.386
CIRC.	20.000	213.382856	0.000	714697.638	4371226.747	308.425874	735.184	2.915475	91.828855	157.822	386.318456	373.415
CIRC.	40.000	210.836377	0.000	714693.857	4371207.109	306.700160	736.611	1.189761	99.765266	152.743	394.254867	373.695
CIRC.	60.000	208.289897	0.000	714690.864	4371187.336	304.976039	737.780	399.465639	108.122377	150.976	2.611977	373.975
CIRC.	76.967	206.129553	0.000	714688.947	4371170.478	303.514362	738.570	398.003963	115.234630	152.168	9.724231	374.213

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 79 (Derecha): C.A. 7,4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B39 X: 714541.115 Y: 4371206.546 Z: 375.817 PK: 60.305 Dis= 150.976 K : 1.000000000
Distancia: 218.771 Azimut: 115.688565
BO : B38 X: 714753.277 Y: 4371153.177 Z: 374.716 PK: 88.426 Dis= -65.599 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	60.000	208.289897	0.000	714690.864	4371187.336	108.122377	150.976	392.433812	331.880078	71.149	16.191514	373.975
CIRC.	76.967	206.129553	0.000	714688.947	4371170.478	115.234630	152.168	399.546066	316.725508	66.616	1.036943	374.213
CIRC.	80.000	205.743418	0.000	714688.665	4371167.458	116.486103	152.639	0.797538	313.848672	66.172	398.160107	374.263
CIRC.	84.304	205.195423	0.000	714688.295	4371163.170	118.245363	153.439	2.556798	309.714290	65.746	394.025726	374.360

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 79 (Derecha): C.A. 7,4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B38 X: 714753.277 Y: 4371153.177 Z: 374.716 PK: 88.426 Dis= -65.599 K : 1.000000000
Distancia: 482.330 Azimut: 107.035839
BO : B36 X: 715232.664 Y: 4371099.979 Z: 373.101 PK: 93.182 Dis=-547.873 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	80.000	205.743418	0.000	714688.665	4371167.458	313.848672	66.172	206.812833	307.856702	548.169	0.820862	374.263

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 79 (Derecha): C.A. 7,4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B36 X: 715232.664 Y: 4371099.979 Z: 373.101 PK: 93.182 Dis=-547.873 K : 1.000000000
Distancia: 261.922 Azimut: 300.753007
BO : B37 X: 714970.760 Y: 4371103.077 Z: 380.839 PK: 107.726 Dis=-287.287 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	80.000	205.743418	0.000	714688.665	4371167.458	307.856702	548.169	7.103694	314.284636	289.349	213.531629	374.263
CIRC.	84.304	205.195423	0.000	714688.295	4371163.170	307.357076	548.024	6.604069	313.344896	288.786	212.591889	374.360
CIRC.	100.000	207.193907	0.000	714686.770	4371147.549	305.533646	547.962	4.780639	309.889023	287.451	209.136015	374.977

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 79 (Derecha): C.A. 7,4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B37 X: 714970.760 Y: 4371103.077 Z: 380.839 PK: 107.726 Dis=-287.287 K : 1.000000000
Distancia: 600.942 Azimut: 299.461198
BO : B40 X: 714369.840 Y: 4371097.991 Z: 374.247 PK: 218.913 Dis= 301.064 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	100.000	207.193907	0.000	714686.770	4371147.549	309.889023	287.451	10.427825	90.125184	320.782	390.663987	374.977
CIRC.	120.000	209.740386	0.000	714684.118	4371127.727	305.461266	287.700	6.000068	93.994358	315.682	394.533161	376.358
CIRC.	140.000	212.286865	0.000	714680.676	4371108.027	301.086227	290.126	1.625029	97.945247	310.998	398.484049	378.406
CIRC.	152.567	213.886984	0.000	714678.111	4371095.725	298.400928	292.742	398.939731	100.468025	308.279	1.006828	380.034
RECTA	155.630	214.276961	0.000	714677.439	4371092.736	297.756624	293.504	398.295426	101.087409	307.643	1.626211	380.463
RECTA	160.000	214.276961	0.000	714676.467	4371088.476	296.844077	294.655	397.382879	101.974874	306.774	2.513676	381.074
RECTA	174.997	214.276961	0.000	714673.132	4371073.854	293.769304	299.060	394.308106	105.055727	304.251	5.594530	383.174
RECTA	180.000	214.276961	0.000	714672.019	4371068.977	292.764538	300.681	393.303341	106.093917	303.569	6.632720	383.847
RECTA	200.000	214.276961	0.000	714667.571	4371049.478	288.860586	307.890	389.399389	110.282925	301.658	10.821728	385.980

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 79 (Derecha): C.A. 7,4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B40                  X:  714369.840  Y: 4371097.991  Z: 374.247  PK:     218.913 Dis= 301.064  K : 1.000000000
                                                                        Distancia:   242.850  Azimut: 308.687443
 BO : B41                  X:  714129.248  Y: 4371131.028  Z: 371.017  PK:     240.208 Dis= 542.979  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	200.000	214.276961	0.000	714667.571	4371049.478	110.282925	301.658	201.595482	109.571347	544.465	0.883904	385.980
RECTA	220.000	214.276961	0.000	714663.124	4371029.978	114.506803	301.066	205.819359	111.908768	543.355	3.221325	387.224
RECTA	237.997	214.276961	0.000	714659.121	4371012.432	118.307050	301.669	209.619607	114.017782	542.983	5.330339	387.584
RECTA	240.000	214.276961	0.000	714658.676	4371010.479	118.728660	301.802	210.041217	114.252591	542.979	5.565148	387.580

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 79 (Derecha): C.A. 7,4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B41                  X:  714129.248  Y: 4371131.028  Z: 371.017  PK:     240.208 Dis= 542.979  K : 1.000000000
                                                                        Distancia:   172.232  Azimut: 265.982450
 BO : B42                  X:  713981.025  Y: 4371043.314  Z: 367.739  PK:     326.122 Dis= 669.132  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	240.000	214.276961	0.000	714658.676	4371010.479	114.252591	542.979	248.270142	103.082246	678.446	37.099797	387.580
RECTA	260.000	214.276961	0.000	714654.228	4370990.980	116.596481	543.339	250.614031	104.939058	675.234	38.956608	387.046
RECTA	280.000	214.276961	0.000	714649.780	4370971.481	118.934099	544.435	252.951649	106.812006	672.602	40.829556	385.624
RECTA	300.000	214.276961	0.000	714645.333	4370951.982	121.259209	546.261	255.276759	108.698023	670.557	42.715573	383.313
RECTA	307.297	214.276961	0.000	714643.710	4370944.867	122.103250	547.108	256.120800	109.388791	669.957	43.406341	382.248
RECTA	309.350	214.276961	0.000	714643.253	4370942.866	122.340188	547.363	256.357738	109.583314	669.803	43.600864	381.932
CIRC.	311.512	214.276961	0.000	714642.772	4370940.758	122.589544	547.640	256.607095	109.788327	669.647	43.805877	381.606
CIRC.	320.000	212.475816	0.000	714641.002	4370932.457	123.563620	548.929	257.581170	110.594459	669.223	44.612009	380.459

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 79 (Derecha): C.A. 7,4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B42                  X:  713981.025  Y: 4371043.314  Z: 367.739  PK:     326.122 Dis= 669.132  K : 1.000000000
                                                                        Distancia:   248.435  Azimut: 272.418929
 BO : B43                  X:  713755.543  Y: 4370939.017  Z: 362.504  PK:     351.804 Dis= 881.750  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	320.000	212.475816	0.000	714641.002	4370932.457	110.594459	669.223	238.175531	100.471633	885.483	28.052705	380.459
CIRC.	340.000	208.231684	0.000	714637.764	4370912.725	112.495877	669.597	240.076949	101.896723	882.613	29.477794	378.593
CIRC.	351.170	205.861348	0.000	714636.531	4370901.624	113.552307	670.644	241.133379	102.700497	881.781	30.281569	378.064
CIRC.	351.804	205.726841	0.000	714636.473	4370900.992	113.612023	670.722	241.193095	102.746207	881.750	30.327278	378.044

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 89 (Derecha): C.A.: 5,9 - 6,4 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B32                  X:  716074.805  Y: 4371269.806  Z: 392.247  PK:       0.000 Dis=  92.776  K : 1.000000000
                                                                        Distancia:   228.973  Azimut: 299.832624
 BO : B33                  X:  715845.833  Y: 4371269.204  Z: 383.815  PK:     168.341 Dis=  78.545  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	300.824929	0.000	716017.187	4371197.091	242.658136	92.776	342.825512	125.359416	185.910	25.526792	381.000
CIRC.	9.954	300.824929	0.000	716007.234	4371197.220	247.722747	99.169	347.890123	126.707440	176.726	26.874816	380.482
CIRC.	20.000	288.033837	0.000	715997.243	4371196.343	251.727308	106.830	351.894684	128.552798	168.029	28.720174	379.960
CIRC.	40.000	262.569046	0.000	715978.853	4371188.827	255.374810	125.556	355.542186	134.602486	155.418	34.769862	378.920
CIRC.	54.609	243.968426	0.000	715968.045	4371179.076	255.156029	140.106	355.323405	140.453109	151.851	40.620485	378.160
CIRC.	60.000	257.696767	0.000	715964.191	4371175.321	254.996241	145.475	355.163617	142.690931	151.071	42.858307	377.880
CIRC.	65.246	271.056580	0.000	715959.753	4371172.541	255.321124	150.657	355.488500	144.794528	149.403	44.961904	377.607
CIRC.	80.000	308.626349	0.000	715945.397	4371170.231	258.247754	163.284	358.415130	149.810452	140.387	49.977828	376.918
RECTA	89.420	332.613697	0.000	715936.520	4371173.211	261.183378	168.681	361.350754	151.808930	132.056	51.976306	376.559
RECTA	100.000	332.613697	0.000	715927.298	4371178.398	264.682222	173.533	364.849598	153.448760	121.993	53.616136	376.231
RECTA	120.000	332.613697	0.000	715909.865	4371188.201	270.750912	184.023	370.918289	157.415317	103.255	57.582693	375.831
RECTA	124.046	332.613697	0.000	715906.338	4371190.185	271.892706	186.334	372.060082	158.398413	99.524	58.565789	375.784
CIRC.	130.484	332.613697	0.000	715900.727	4371193.340	273.650969	190.132	373.818345	160.123143	93.642	60.290519	375.720
CIRC.	140.000	312.419767	0.000	715891.838	4371196.622	275.777191	197.061	375.944567	164.035651	85.933	64.203027	375.625
RECTA	152.862	285.126012	0.000	715879.076	4371196.376	277.150978	209.049	377.318354	172.738692	80.056	72.906068	375.496
RECTA	160.000	285.126012	0.000	715872.132	4371194.724	277.413677	216.133	377.581053	178.390723	78.987	78.558099	375.425
RECTA	176.255	285.126012	0.000	715856.319	4371190.960	277.952082	232.277	378.119458	191.518781	78.943	91.686157	375.262

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 89 (Derecha): C.A.: 5,9 - 6,4 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B33 X: 715845.833 Y: 4371269.204 Z: 383.815 PK: 168.341 Dis= 78.545 K : 1.000000000
Distancia: 227.155 Azimut: 279.305618
BO : B34 X: 715630.574 Y: 4371196.657 Z: 380.099 PK: 364.913 Dis= 68.588 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	160.000	285.126012	0.000	715872.132	4371194.724	178.390723	78.987	299.085105	100.509498	241.566	21.203881	375.425
RECTA	176.255	285.126012	0.000	715856.319	4371190.960	191.518781	78.943	312.213163	101.606160	225.817	22.300543	375.262
RECTA	180.000	285.126012	0.000	715852.676	4371190.093	194.507203	79.406	315.201585	101.880829	222.199	22.575211	375.237
RECTA	182.255	285.126012	0.000	715850.482	4371189.571	196.287631	79.768	316.982014	102.050575	220.022	22.744957	375.232
CIRC.	193.995	285.126012	0.000	715839.061	4371186.853	205.223567	82.629	325.917949	102.991427	208.717	23.685809	375.347
CIRC.	200.000	287.674536	0.000	715833.193	4371185.580	209.550528	84.574	330.244910	103.476823	202.921	24.171205	375.495
RECTA	211.903	292.726344	0.000	715821.434	4371183.756	217.707157	88.864	338.401540	104.296758	191.295	24.991140	375.965
RECTA	220.000	292.726344	0.000	715813.389	4371182.833	222.875096	92.264	343.569478	104.804953	183.337	25.499335	376.420
RECTA	224.255	292.726344	0.000	715809.162	4371182.347	225.432736	94.280	346.127118	105.090100	179.161	25.784482	376.702
RECTA	224.956	292.726344	0.000	715808.465	4371182.267	225.843692	94.627	346.538074	105.138384	178.472	25.832766	376.751
RECTA	240.000	292.726344	0.000	715793.520	4371180.552	233.938648	102.936	354.633030	106.271589	163.740	26.965972	377.679
CIRC.	249.223	292.726344	0.000	715784.357	4371179.501	238.248827	108.747	358.943209	107.072891	154.737	27.767273	378.123
CIRC.	260.000	289.295928	0.000	715773.689	4371177.985	242.600085	116.301	363.294467	108.259468	144.328	28.953850	378.522
CIRC.	280.000	282.929730	0.000	715754.171	4371173.658	248.679542	132.405	369.373924	111.712306	125.718	32.406688	378.921
CIRC.	287.956	280.397127	0.000	715746.542	4371171.398	250.479510	139.372	371.173892	113.652886	118.687	34.347268	378.956
RECTA	292.759	278.868432	0.000	715741.984	4371169.888	251.420173	143.695	372.114555	115.011973	114.581	35.706355	378.944
RECTA	300.000	278.868432	0.000	715735.138	4371167.528	252.702015	150.304	373.396397	117.296136	108.545	37.990518	378.876
RECTA	320.000	278.868432	0.000	715716.230	4371161.011	255.716373	168.828	376.410755	125.105634	92.777	45.800016	378.386
RECTA	323.956	278.868432	0.000	715712.489	4371159.721	256.235665	172.531	376.930047	126.967396	89.857	47.661778	378.236
RECTA	328.143	278.868432	0.000	715708.531	4371158.357	256.761385	176.462	377.455767	129.071771	86.857	49.766153	378.069
RECTA	340.000	278.868432	0.000	715697.321	4371154.493	258.130436	187.655	378.824818	135.866980	78.949	56.561362	377.795
RECTA	342.143	278.868432	0.000	715695.295	4371153.795	258.360594	189.686	379.054976	137.238573	77.628	57.932955	377.789
CIRC.	351.997	278.868432	0.000	715685.980	4371150.584	259.358347	199.057	380.052729	144.161789	72.059	64.856171	377.928
CIRC.	360.000	264.311011	0.000	715678.776	4371147.137	259.827555	206.902	380.521937	150.858665	69.106	71.553047	378.244

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 89 (Derecha): C.A.: 5,9 - 6,4 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B34 X: 715630.574 Y: 4371196.657 Z: 380.099 PK: 364.913 Dis= 68.588 K : 1.000000000
Distancia: 214.872 Azimut: 279.834527
BO : B35 X: 715426.392 Y: 4371129.727 Z: 376.751 PK: 431.946 Dis= 217.290 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	360.000	264.311011	0.000	715678.776	4371147.137	150.858665	69.106	271.024138	95.615381	252.984	15.780854	378.244
CIRC.	380.000	227.932738	0.000	715665.700	4371132.363	168.167059	73.264	288.332532	99.298750	239.323	19.464223	379.836
CIRC.	382.743	222.943647	0.000	715664.634	4371129.837	169.990059	75.000	290.155533	99.970615	238.242	20.136089	380.144
RECTA	386.453	216.194549	0.000	715663.511	4371126.302	172.125356	77.683	292.290829	100.919472	237.144	21.084946	380.574
RECTA	398.409	216.194549	0.000	715660.503	4371114.731	177.702302	87.222	297.867775	104.072379	234.591	24.237852	381.961
RECTA	400.000	216.194549	0.000	715660.102	4371113.191	178.352466	88.535	298.517939	104.496753	234.295	24.662226	382.142
CIRC.	402.154	216.194549	0.000	715659.560	4371111.106	179.202801	90.328	299.368274	105.073214	233.911	25.238687	382.375
CIRC.	420.000	254.064290	0.000	715650.342	4371096.133	187.638428	102.450	307.803902	109.479161	226.456	29.644635	383.800
CIRC.	431.946	279.413454	0.000	715640.059	4371090.211	194.342396	106.868	314.507869	111.642295	217.290	31.807768	384.245

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 90 (Derecha): C.A.: 0,6 - 1,3 M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 0.000 Dis=-160.098 K : 1.000000000
Distancia: 266.093 Azimut: 286.365409
BO : B06 X: 720854.869 Y: 4370925.216 Z: 415.878 PK: 170.488 Dis=-108.384 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	281.425977	0.000	720986.977	4371078.059	341.080499	160.098	54.715090	45.375646	202.023	359.010237	410.140
RECTA	20.000	281.425977	0.000	720967.822	4371072.306	335.130752	172.695	48.765343	41.690310	185.456	355.324901	410.720
RECTA	20.006	281.425977	0.000	720967.816	4371072.304	335.128969	172.699	48.763560	41.689011	185.451	355.323602	410.720
RECTA	40.000	281.425977	0.000	720948.667	4371066.553	330.027709	186.590	43.662300	37.300178	169.630	350.934769	411.340
RECTA	60.000	281.425977	0.000	720929.512	4371060.801	325.655713	201.514	39.290304	32.037921	154.773	345.672512	412.040
RECTA	65.006	281.425977	0.000	720924.718	4371059.360	324.662192	205.385	38.296783	30.562031	151.240	344.196621	412.228
RECTA	80.000	281.425977	0.000	720910.358	4371055.048	321.901609	217.256	35.536200	25.712583	141.192	339.347174	412.797
RECTA	100.000	281.425977	0.000	720891.203	4371049.295	318.664320	233.650	32.298911	18.135042	129.289	331.769633	413.557
RECTA	107.308	281.425977	0.000	720884.203	4371047.193	317.592894	239.777	31.227485	15.024879	125.455	328.659470	413.835
RECTA	120.000	281.425977	0.000	720872.048	4371043.542	315.857722	250.568	29.492312	9.178579	119.567	322.813170	414.244
RECTA	140.000	281.425977	0.000	720852.893	4371037.789	313.410234	267.912	27.044824	398.882835	112.591	312.517426	414.592
RECTA	149.108	281.425977	0.000	720844.170	4371035.170	312.398269	275.929	26.032860	393.824823	110.473	307.459414	414.629
RECTA	160.000	281.425977	0.000	720833.739	4371032.037	311.263096	285.603	24.897687	387.567372	108.891	301.201963	414.575

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 90 (Derecha): C.A.: 0,6 - 1,3 M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B06 X: 720854.869 Y: 4370925.216 Z: 415.878 PK: 170.488 Dis=-108.384 K : 1.000000000
Distancia: 191.200 Azimut: 274.506939
BO : B07 X: 720678.690 Y: 4370850.930 Z: 407.029 PK: 354.073 Dis=-123.137 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	160.000	281.425977	0.000	720833.739	4371032.037	387.567372	108.891	112.970433	45.074882	238.411	370.477943	414.575
RECTA	180.000	281.425977	0.000	720814.584	4371026.284	375.853318	108.801	101.256379	41.971722	221.847	367.374783	414.196
CIRC.	188.646	281.425977	0.000	720806.303	4371023.797	370.858578	109.895	96.261639	40.483639	214.867	365.886700	413.919
CIRC.	200.000	278.534781	0.000	720795.507	4371020.285	364.465553	112.081	89.868614	38.440972	205.736	363.844033	413.452
CIRC.	209.608	276.088060	0.000	720786.503	4371016.933	359.221300	114.394	84.624361	36.669114	197.941	362.072175	412.966
RECTA	218.034	273.942581	0.000	720778.719	4371013.711	354.764313	116.749	80.167374	35.078452	191.059	360.481513	412.502
RECTA	220.000	273.942581	0.000	720776.915	4371012.929	353.745484	117.347	79.148545	34.699640	189.451	360.102701	412.394
RECTA	240.000	273.942581	0.000	720758.567	4371004.969	344.033266	125.039	69.436327	30.454331	173.517	355.857392	411.294
RECTA	244.018	273.942581	0.000	720754.881	4371003.370	342.236027	126.908	67.639088	29.506980	170.420	354.910041	411.073
CIRC.	249.109	273.942581	0.000	720750.210	4371001.344	340.035401	129.418	65.438462	28.256213	166.552	353.659274	410.797
CIRC.	260.000	276.716007	0.000	720740.127	4370997.229	335.680716	135.467	61.083777	25.310852	158.675	350.713913	410.237
CIRC.	280.000	281.808965	0.000	720721.184	4370990.830	329.047017	148.919	54.450078	18.773359	146.211	344.176420	409.310
RECTA	280.569	281.953744	0.000	720720.639	4370990.670	328.883436	149.339	54.286497	18.565783	145.901	343.968844	409.285
RECTA	295.018	281.953744	0.000	720706.766	4370986.629	325.024545	160.331	50.427606	12.988431	138.573	338.391492	408.702
RECTA	300.000	281.953744	0.000	720701.983	4370985.236	323.815324	164.246	49.218385	10.932158	136.310	336.335219	408.512
RECTA	320.000	281.953744	0.000	720682.781	4370979.642	319.500482	180.490	44.903543	2.022666	128.777	327.425727	407.752
CIRC.	330.259	281.953744	0.000	720672.931	4370976.772	317.579283	189.102	42.982344	397.088740	125.974	322.491801	407.362
CIRC.	340.000	283.194004	0.000	720663.553	4370974.139	315.938076	197.472	41.341137	392.217762	124.136	317.620823	406.992
RECTA	357.752	285.454251	0.000	720646.337	4370969.812	313.412653	213.247	38.815714	383.084729	123.206	308.487791	406.318
RECTA	358.047	285.454251	0.000	720646.050	4370969.745	313.375197	213.514	38.778258	382.932185	123.217	308.335246	406.306

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 90 (Derecha): C.A.: 0,6 - 1,3 M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B07 X: 720678.690 Y: 4370850.930 Z: 407.029 PK: 354.073 Dis=-123.137 K : 1.000000000
Distancia: 264.436 Azimut: 262.675762
BO : B08 X: 720458.415 Y: 4370704.625 Z: 415.320 PK: 608.359 Dis=-200.512 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	340.000	283.194004	0.000	720663.553	4370974.139	392.217762	124.136	129.542000	41.418007	338.703	378.742245	406.992
RECTA	357.752	285.454251	0.000	720646.337	4370969.812	383.084729	123.206	120.408967	39.247693	325.022	376.571931	406.318
RECTA	358.047	285.454251	0.000	720646.050	4370969.745	382.932185	123.217	120.256422	39.209256	324.801	376.533494	406.306
RECTA	360.000	285.454251	0.000	720644.148	4370969.303	381.924849	123.310	119.249086	38.953911	323.344	376.278149	406.233
RECTA	380.000	285.454251	0.000	720624.668	4370964.773	371.793439	126.011	109.117677	36.201536	308.735	373.525773	405.541
CIRC.	387.707	285.454251	0.000	720617.161	4370963.027	368.042231	127.874	105.366469	35.070961	303.269	372.395198	405.305
CIRC.	400.000	282.845641	0.000	720605.248	4370959.999	362.272599	131.490	99.596836	33.219679	294.577	370.543916	404.964
RECTA	409.731	280.780743	0.000	720595.912	4370957.257	357.887009	134.750	95.211247	31.730699	287.625	369.054936	404.724
RECTA	420.000	280.780743	0.000	720586.107	4370954.203	353.471345	138.697	90.795582	30.106337	280.347	367.430574	404.501
RECTA	440.000	280.780743	0.000	720567.012	4370948.257	345.635328	148.137	82.959566	26.693863	266.739	364.018100	404.152
RECTA	460.000	280.780743	0.000	720547.916	4370942.310	338.827126	159.537	76.151363	22.926689	253.978	360.250926	403.917
RECTA	480.000	280.780743	0.000	720528.821	4370936.363	332.983758	172.510	70.307995	18.777279	242.197	356.101517	403.797
RECTA	491.047	280.780743	0.000	720518.273	4370933.079	330.129662	180.228	67.453900	16.313533	236.165	353.637770	403.779
RECTA	500.000	280.780743	0.000	720509.725	4370930.417	327.993177	186.728	65.317415	14.225278	231.548	351.549515	403.791
RECTA	520.000	280.780743	0.000	720490.630	4370924.470	323.730832	201.928	61.055069	9.262650	222.193	346.586887	403.899
RECTA	540.000	280.780743	0.000	720471.534	4370918.524	320.079049	217.905	57.403287	3.899695	214.300	341.223933	404.122
RECTA	559.144	280.780743	0.000	720453.256	4370912.832	317.060349	233.778	54.384587	398.422896	208.270	335.747133	404.442
RECTA	560.000	280.780743	0.000	720452.439	4370912.577	316.934941	234.500	54.259178	398.170885	208.038	335.495122	404.459
RECTA	580.000	280.780743	0.000	720433.343	4370906.630	314.212074	251.590	51.536312	392.138779	203.555	329.463016	404.848
RECTA	600.000	280.780743	0.000	720414.248	4370900.684	311.839327	269.082	49.163564	385.893927	200.972	323.218165	405.237
CIRC.	606.422	280.780743	0.000	720408.116	4370898.774	311.141838	274.772	48.466075	383.861593	200.559	321.185831	405.362

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 90 (Derecha): C.A.: 0,6 - 1,3 M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B08 X: 720458.415 Y: 4370704.625 Z: 415.320 PK: 608.359 Dis=-200.512 K : 1.000000000
Distancia: 261.971 Azimut: 313.452401
BO : B09 X: 720202.271 Y: 4370759.571 Z: 405.430 PK: 642.805 Dis=-221.376 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	600.000	280.780743	0.000	720414.248	4370900.684	385.893927	200.972	72.441526	62.609230	254.650	349.156830	405.237
CIRC.	606.422	280.780743	0.000	720408.116	4370898.774	383.861593	200.559	70.409192	62.145943	248.495	348.693543	405.362
CIRC.	620.000	298.068499	0.000	720394.766	4370896.536	379.612709	202.191	66.160308	60.630237	236.249	347.177837	405.626
CIRC.	640.000	323.533290	0.000	720375.184	4370899.890	374.349085	212.264	60.896684	56.600690	222.685	343.148289	406.015
CIRC.	642.805	327.104155	0.000	720372.599	4370900.976	373.769031	214.286	60.316631	55.889674	221.376	342.437273	406.070

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 91 (Derecha): C.A.: 1,2 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B09 X: 720202.271 Y: 4370759.571 Z: 405.430 PK: 0.000 Dis= 289.851 K : 1.000000000
Distancia: 261.971 Azimut: 113.452401
BO : B08 X: 720458.415 Y: 4370704.625 Z: 415.320 PK: 48.537 Dis= 111.171 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	171.529726	0.000	720476.882	4370852.322	79.263795	289.851	365.811394	7.918724	148.847	94.466324	407.506
RECTA	1.338	171.529726	0.000	720477.461	4370851.115	79.555361	290.017	366.102960	8.230686	147.723	94.778285	407.475
RECTA	20.000	171.529726	0.000	720485.531	4370834.289	83.581359	292.949	370.128958	13.124182	132.469	99.671781	406.175
RECTA	21.738	171.529726	0.000	720486.283	4370832.722	83.951908	293.281	370.499508	13.637263	131.093	100.184863	405.966
RECTA	24.893	171.529726	0.000	720487.647	4370829.877	84.622389	293.909	371.169989	14.596591	128.618	101.144190	405.571
RECTA	40.000	171.529726	0.000	720494.180	4370816.256	87.789716	297.362	374.337315	19.738647	117.220	106.286246	404.317
RECTA	46.493	171.529726	0.000	720496.988	4370810.401	89.127197	299.068	375.674796	22.261431	112.589	108.809030	404.167
RECTA	48.537	171.529726	0.000	720497.872	4370808.558	89.544926	299.632	376.092525	23.098438	111.171	109.646037	404.157

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 93 (Derecha): C.A.: 0,2 - 0,3 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 0.000 Dis= 219.562 K : 1.000000000
Distancia: 195.525 Azimut: 107.936756
BO : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 38.112 Dis= 84.903 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	157.213077	0.000	721320.769	4371058.050	77.411921	219.562	369.475165	7.483215	101.291	99.546459	409.023
RECTA	3.299	157.213077	0.000	721322.823	4371055.469	78.316339	220.614	370.379582	8.989703	98.996	101.052946	409.089
CIRC.	9.256	157.213077	0.000	721326.532	4371050.807	79.927297	222.624	371.990540	11.891136	95.002	103.954379	409.173
CIRC.	13.299	153.536304	0.000	721329.139	4371047.718	80.990959	224.176	373.054202	14.049378	92.504	106.112621	409.189
CIRC.	20.000	147.441764	0.000	721333.839	4371042.945	82.655763	227.341	374.719007	18.077527	89.053	110.140771	409.144
CIRC.	28.299	139.894451	0.000	721340.257	4371037.692	84.516617	232.208	376.579860	23.725447	86.147	115.788691	408.964

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 93 (Derecha): C.A.: 0,2 - 0,3 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 38.112 Dis= 84.903 K : 1.000000000
Distancia: 196.654 Azimut: 99.473291
BO : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 72.889 Dis=-138.608 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	147.441764	0.000	721333.839	4371042.945	18.077527	89.053	318.604235	328.924076	191.083	29.450785	409.144
CIRC.	28.299	139.894451	0.000	721340.257	4371037.692	23.725447	86.147	324.252156	328.261873	183.020	28.788582	408.964
CIRC.	40.000	129.252628	0.000	721350.263	4371031.652	32.384081	84.950	332.910789	327.832170	171.394	28.358879	408.613
CIRC.	46.155	123.655062	0.000	721355.893	4371029.168	36.936584	85.741	337.463292	327.883488	165.243	28.410197	408.428
CIRC.	51.776	118.542784	0.000	721361.206	4371027.340	40.911315	87.295	341.438024	328.121847	159.656	28.648556	408.284
CIRC.	60.000	125.087166	0.000	721368.949	4371024.577	46.469256	90.067	346.995965	328.463546	151.478	28.990254	408.160
CIRC.	65.655	129.587148	0.000	721374.089	4371022.224	50.212369	91.900	350.739077	328.507214	145.825	29.033922	408.136
CIRC.	72.889	135.344128	0.000	721380.401	4371018.693	54.918128	94.147	355.444837	328.300813	138.608	28.827522	408.176

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 95 (Derecha): C.A.: 3,2 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 0.000 Dis= 137.250 K : 1.000000000
Distancia: 283.374 Azimut: 299.039331
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 73.963 Dis= 345.444 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	235.907948	0.000	718572.193	4370253.497	175.688517	137.250	276.649187	122.447572	356.419	23.408241	404.177
RECTA	0.204	235.907948	0.000	718572.084	4370253.324	175.765252	137.370	276.725921	122.483229	356.377	23.443899	404.183
RECTA	15.989	235.907948	0.000	718563.645	4370239.984	181.305107	147.176	282.265776	125.264581	353.410	26.225250	404.409
RECTA	20.000	235.907948	0.000	718561.501	4370236.595	182.594132	149.831	283.554801	125.978324	352.764	26.938993	404.395
RECTA	35.789	235.907948	0.000	718553.060	4370223.251	187.241611	160.828	288.202280	128.810977	350.659	29.771646	404.053
RECTA	36.664	235.907948	0.000	718552.592	4370222.512	187.480374	161.460	288.441043	128.968872	350.563	29.929542	404.021
RECTA	40.000	235.907948	0.000	718550.809	4370219.693	188.373765	163.893	289.334434	129.571689	350.215	30.532358	403.912
CIRC.	48.045	235.907948	0.000	718546.508	4370212.894	190.421604	169.885	291.382273	131.029860	349.508	31.990529	403.732
CIRC.	56.104	240.572349	0.000	718541.954	4370206.247	192.412620	175.861	293.373290	132.491701	348.689	33.452370	403.672
CIRC.	60.000	242.827108	0.000	718539.581	4370203.157	193.383152	178.667	294.343822	133.196646	348.149	34.157315	403.686
CIRC.	71.224	249.322978	0.000	718532.151	4370194.751	196.205019	186.441	297.165688	135.218753	346.069	36.179422	403.883
CIRC.	73.963	250.908124	0.000	718530.211	4370192.817	196.898883	188.266	297.859552	135.709748	345.444	36.670417	403.960

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 96 (Derecha): C.A.: 3,1 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B18                  X:  718521.044  Y: 4370380.860  Z: 406.104  PK:       0.000 Dis=-156.890  K : 1.000000000
                                                                        Distancia:   233.771  Azimut:  92.420961
 BO : B17                  X:  718753.160  Y: 4370408.625  Z: 404.457  PK:      25.321 Dis=-258.005  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	121.786434	0.000	718559.501	4370228.757	184.234438	156.890	91.813477	252.349371	264.304	359.928410	404.235
CIRC.	0.017	121.802109	0.000	718559.517	4370228.751	184.228627	156.899	91.807666	252.345688	264.296	359.924727	404.234
CIRC.	11.562	132.301515	0.000	718570.023	4370223.997	180.732680	164.332	88.311719	249.741859	260.051	357.320898	403.395
CIRC.	11.565	132.304212	0.000	718570.026	4370223.996	180.731888	164.334	88.310927	249.741160	260.050	357.320199	403.395
CIRC.	20.000	139.975571	0.000	718577.134	4370219.463	178.707050	170.866	86.286088	247.711094	258.394	355.290133	402.650
CIRC.	24.610	144.167804	0.000	718580.772	4370216.634	177.793268	174.750	85.372307	246.578391	258.027	354.157430	402.544
CIRC.	25.321	144.815025	0.000	718581.317	4370216.176	177.664206	175.367	85.243245	246.402886	258.005	353.981925	402.546

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 98 (Derecha): C.A.: 8,9 M.D.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B45                  X:  713397.615  Y: 4370959.383  Z: 357.404  PK:       0.000 Dis= 316.563  K : 1.000000000
                                                                        Distancia:   298.484  Azimut: 243.094376
 BO : B46                  X:  713210.645  Y: 4370726.714  Z: 358.635  PK:      91.804 Dis= -50.874  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	269.488244	0.000	713136.904	4370779.822	261.603844	316.563	18.509468	339.735093	90.875	296.640717	362.721
CIRC.	3.463	260.668879	0.000	713133.951	4370778.018	261.641400	320.018	18.547024	337.533754	92.271	294.439378	362.652
CIRC.	20.000	218.558662	0.000	713124.487	4370764.824	260.595947	335.338	17.501571	326.512687	94.210	283.418310	362.047
CIRC.	33.463	184.274506	0.000	713124.192	4370751.526	258.619883	343.460	15.525507	317.792934	89.944	274.698558	361.152
CIRC.	40.000	167.629080	0.000	713126.596	4370745.468	257.462266	345.270	14.367890	313.975929	86.116	270.881552	360.629
CIRC.	49.824	142.611516	0.000	713132.921	4370738.033	255.662274	345.049	12.567898	309.206741	78.544	266.112365	359.843
CIRC.	55.239	144.335073	0.000	713137.121	4370734.617	254.678678	344.059	11.584302	306.816529	73.947	263.722153	359.410
CIRC.	60.000	145.850519	0.000	713140.737	4370731.520	253.805989	343.377	10.711612	304.369285	70.073	261.274909	359.057
CIRC.	80.000	152.216716	0.000	713155.086	4370717.599	250.097967	342.461	7.003591	289.648346	56.301	246.553970	358.195
CIRC.	86.409	154.256641	0.000	713159.381	4370712.844	248.909367	342.837	5.814991	283.177829	53.107	240.083452	358.130
CIRC.	87.239	153.879000	0.000	713159.930	4370712.220	248.755691	342.905	5.661315	282.278420	52.745	239.184044	358.130
CIRC.	89.239	152.969543	0.000	713161.266	4370710.732	248.385545	343.057	5.291168	280.072478	51.901	236.978102	358.135
CIRC.	91.804	151.803380	0.000	713163.010	4370708.852	247.910817	343.228	4.816440	277.161043	50.874	234.066667	358.147

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 100 (Derecha): C.A.: 2,1 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B13                  X:  719548.869  Y: 4370658.459  Z: 401.680  PK:       0.000 Dis=  97.541  K : 1.000000000
                                                                        Distancia:   834.008  Azimut: 280.632147
 BO : B17                  X:  718753.160  Y: 4370408.625  Z: 404.457  PK:      39.479 Dis= 825.371  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	193.005435	0.000	719566.207	4370562.471	188.623455	97.541	307.991308	88.094517	827.475	7.462370	401.324
RECTA	20.000	193.005435	0.000	719568.400	4370542.592	189.368741	117.502	308.736595	89.631210	826.174	8.999063	401.229
RECTA	28.247	193.005435	0.000	719569.304	4370534.395	189.607147	125.736	308.975000	90.266130	825.778	9.633983	401.191
RECTA	29.774	193.005435	0.000	719569.472	4370532.877	189.647892	127.261	309.015745	90.383717	825.714	9.751570	401.231
RECTA	31.299	193.005435	0.000	719569.639	4370531.362	189.687626	128.783	309.055479	90.501185	825.653	9.869038	401.212
RECTA	39.479	193.005435	0.000	719570.536	4370523.230	189.885717	136.953	309.253570	91.131685	825.371	10.499538	401.109

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 102 (Derecha): C.A.: 2,7 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B16                  X:  718946.633  Y: 4370497.252  Z: 407.027  PK:       0.000 Dis= 166.296  K : 1.000000000
                                                                        Distancia:   212.806  Azimut: 272.653571
 BO : B17                  X:  718753.160  Y: 4370408.625  Z: 404.457  PK:      31.162 Dis= 302.201  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	215.626387	0.000	719055.278	4370371.353	154.675047	166.296	282.021476	107.814534	304.408	35.160962	403.861
RECTA	14.038	215.626387	0.000	719051.866	4370357.735	158.859939	174.754	286.206368	110.742849	303.010	38.089278	404.246
RECTA	15.899	215.626387	0.000	719051.414	4370355.930	159.383888	175.929	286.730317	111.132820	302.873	38.479248	404.251
RECTA	19.457	215.626387	0.000	719050.549	4370352.479	160.366360	178.208	287.712789	111.879409	302.643	39.225838	404.146
RECTA	20.000	215.626387	0.000	719050.418	4370351.952	160.514024	178.559	287.860453	111.993399	302.612	39.339828	404.131
CIRC.	29.143	215.626387	0.000	719048.196	4370343.083	162.915733	184.616	290.262161	113.916543	302.228	41.262971	403.955
CIRC.	34.177	212.422034	0.000	719047.096	4370338.171	164.140744	188.147	291.487172	114.976604	302.262	42.323033	403.930

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 102 (Derecha): C.A.: 2,7 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B17                  X:  718753.160  Y: 4370408.625  Z: 404.457  PK:      31.162 Dis= 302.201  K : 1.000000000
                                                                        Distancia:   233.771  Azimut: 292.420961
 BO : B18                  X:  718521.044  Y: 4370380.860  Z: 406.104  PK:      43.776 Dis= 527.234  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	20.000	215.626387	0.000	719050.418	4370351.952	111.993399	302.612	219.572438	103.472996	530.162	11.052035	404.131
CIRC.	29.143	215.626387	0.000	719048.196	4370343.083	113.916543	302.228	221.495581	104.554427	528.504	12.133465	403.955
CIRC.	34.177	212.422034	0.000	719047.096	4370338.171	114.976604	302.262	222.555643	105.154804	527.781	12.733843	403.930
CIRC.	40.000	208.714864	0.000	719046.134	4370332.429	116.198191	302.720	223.777230	105.855202	527.319	13.434241	403.964
CIRC.	44.177	206.055836	0.000	719045.650	4370328.281	117.066397	303.325	224.645436	106.359360	527.235	13.938398	404.030

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 102 (Derecha): C.A.: 2,7 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 43.776 Dis= 527.234 K : 1.000000000
Distancia: 283.374 Azimut: 299.039331
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 45.706 Dis= 809.350 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	208.714864	0.000	719046.134	4370332.429	105.855202	527.319	206.815871	103.473634	809.637	4.434304	403.964
CIRC.	44.177	206.055836	0.000	719045.650	4370328.281	106.359360	527.235	207.320029	103.801514	809.391	4.762183	404.030
CIRC.	45.706	205.082291	0.000	719045.517	4370326.757	106.543987	527.256	207.504657	103.921754	809.350	4.882423	404.060

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 105 (Derecha): C.A. 8,3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B45 X: 713397.615 Y: 4370959.383 Z: 357.404 PK: 213.425 Dis= 324.667 K : 1.000000000
Distancia: 751.498 Azimut: 85.329867
BO : B41 X: 714129.248 Y: 4371131.028 Z: 371.017 PK: 218.149 Dis=-426.816 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	184.929689	0.000	713663.176	4371242.997	47.908013	388.535	362.578146	315.009612	479.333	29.679745	360.405
RECTA	0.685	184.929689	0.000	713663.336	4371242.331	48.001864	388.159	362.671997	314.928575	479.022	29.598708	360.414
RECTA	20.000	184.929689	0.000	713667.866	4371223.554	50.724210	377.918	365.394343	312.599741	470.568	27.269874	360.872
RECTA	40.000	184.929689	0.000	713672.556	4371204.112	53.696993	368.083	368.367126	310.102127	462.502	24.772261	361.784
RECTA	50.185	184.929689	0.000	713674.945	4371194.211	55.270939	363.395	369.941072	308.797510	458.676	23.467643	362.419
RECTA	60.000	184.929689	0.000	713677.247	4371184.670	56.825739	359.093	371.495872	307.519993	455.173	22.190126	363.086
RECTA	80.000	184.929689	0.000	713681.937	4371165.228	60.106757	351.014	374.776891	304.857887	448.616	19.528020	364.446
RECTA	100.000	184.929689	0.000	713686.628	4371145.785	63.532768	343.910	378.202901	302.121760	442.866	16.791893	365.806
RECTA	120.000	184.929689	0.000	713691.318	4371126.343	67.092496	337.842	381.762629	299.318984	437.955	13.989117	367.166
RECTA	140.000	184.929689	0.000	713696.008	4371106.901	70.770454	332.867	385.440587	296.458324	433.911	11.128457	368.526
RECTA	143.443	184.929689	0.000	713696.816	4371103.554	71.414223	332.124	386.084356	295.960695	433.304	10.630828	368.760
RECTA	160.000	184.929689	0.000	713700.699	4371087.459	74.546986	329.034	389.217119	293.549837	430.758	8.219970	369.762
RECTA	180.000	184.929689	0.000	713705.389	4371068.016	78.398624	326.383	393.068757	290.604714	428.517	5.274847	370.639
RECTA	200.000	184.929689	0.000	713710.079	4371048.574	82.298787	324.945	396.968920	287.635050	427.201	2.305183	371.152
RECTA	218.243	184.929689	0.000	713714.358	4371030.840	85.874431	324.703	0.544564	284.915588	426.816	399.585721	371.303

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 105 (Derecha): C.A. 8,3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B41 X: 714129.248 Y: 4371131.028 Z: 371.017 PK: 218.149 Dis=-426.816 K : 1.000000000
Distancia: 598.556 Azimut: 284.912488
BO : B44 X: 713547.423 Y: 4370990.498 Z: 362.667 PK: 218.310 Dis= 171.740 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	200.000	184.929689	0.000	713710.079	4371048.574	287.635050	427.201	2.722562	78.167765	172.714	393.255277	371.152

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 105 (Derecha): C.A. 8,3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B44 X: 713547.423 Y: 4370990.498 Z: 362.667 PK: 218.310 Dis= 171.740 K : 1.000000000
Distancia: 1016.907 Azimut: 86.370761
BO : B39 X: 714541.115 Y: 4371206.546 Z: 375.817 PK: 241.327 Dis=-844.907 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	200.000	184.929689	0.000	713710.079	4371048.574	78.167765	172.714	391.797005	288.041154	845.917	1.670393	371.152
RECTA	218.243	184.929689	0.000	713714.358	4371030.840	84.904784	171.740	398.534023	286.668607	845.222	0.297846	371.303
RECTA	220.000	184.929689	0.000	713714.770	4371029.132	85.555953	171.749	399.185192	286.536334	845.176	0.165573	371.302
RECTA	240.000	184.929689	0.000	713719.460	4371009.690	92.927385	173.104	6.556624	285.029716	844.908	398.658955	371.088

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 105 (Derecha): C.A. 8,3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B39 X: 714541.115 Y: 4371206.546 Z: 375.817 PK: 241.327 Dis=-844.907 K : 1.000000000
Distancia: 583.391 Azimut: 281.946471
BO : B42 X: 713981.025 Y: 4371043.314 Z: 367.739 PK: 268.655 Dis=-262.156 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	240.000	184.929689	0.000	713719.460	4371009.690	285.029716	844.908	3.083245	291.860863	263.717	209.914392	371.088
RECTA	260.000	184.929689	0.000	713724.151	4370990.248	283.522986	845.113	1.576515	287.030809	262.298	205.084338	370.511

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 105 (Derecha): C.A. 8,3

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B42                   X:  713981.025  Y: 4371043.314  Z: 367.739  PK:     268.655 Dis=-262.156  K : 1.000000000
                                                                        Distancia:   392.641  Azimut:  91.105874
 BO : B40                   X:  714369.840  Y: 4371097.991  Z: 374.247  PK:     306.688 Dis=-652.950  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	260.000	184.929689	0.000	713724.151	4370990.248	287.030809	262.298	195.924935	289.473973	654.617	398.368098	370.511
RECTA	280.000	184.929689	0.000	713728.841	4370970.805	282.176482	262.401	191.070608	287.530279	653.495	396.424404	369.570
RECTA	293.043	184.929689	0.000	713731.900	4370958.126	279.024322	263.288	187.918448	286.259825	653.093	395.153950	368.760
RECTA	300.000	184.929689	0.000	713733.531	4370951.363	277.353920	264.023	186.248046	285.581723	652.984	394.475849	368.287

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 105 (Derecha): C.A. 8,3

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B40                   X:  714369.840  Y: 4371097.991  Z: 374.247  PK:     306.688 Dis=-652.950  K : 1.000000000
                                                                        Distancia:   634.534  Azimut: 283.878593
 BO : B43                   X:  713755.543  Y: 4370939.017  Z: 362.504  PK:     317.164 Dis= -18.502  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	300.000	184.929689	0.000	713733.531	4370951.363	285.581723	652.984	1.703130	332.541743	25.238	248.663149	368.287

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 105 (Derecha): C.A. 8,3

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B43                   X:  713755.543  Y: 4370939.017  Z: 362.504  PK:     317.164 Dis= -18.502  K : 1.000000000
                                                                        Distancia:   584.796  Azimut: 276.347924
 BO : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     395.757 Dis= 560.988  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	300.000	184.929689	0.000	713733.531	4370951.363	332.541743	25.238	56.193819	74.166737	569.102	397.818813	368.287
RECTA	320.000	184.929689	0.000	713738.222	4370931.921	275.246656	18.718	398.898732	76.384337	566.080	0.036414	366.927
RECTA	340.000	184.929689	0.000	713742.912	4370912.479	228.279869	29.391	351.931945	78.622991	563.752	2.275067	365.567
RECTA	342.652	184.929689	0.000	713743.534	4370909.900	224.903520	31.496	348.555596	78.921158	563.496	2.573234	365.387
RECTA	360.000	184.929689	0.000	713747.603	4370893.036	210.886478	46.661	334.538554	80.877396	562.127	4.529473	364.395
RECTA	380.000	184.929689	0.000	713752.293	4370873.594	203.159985	65.504	326.812061	83.142021	561.210	6.794097	363.719
RECTA	397.052	184.929689	0.000	713756.292	4370857.018	199.418512	82.003	323.070588	85.076663	560.990	8.728739	363.537

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 105 (Derecha): C.A. 8,3

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     395.757 Dis= 560.988  K : 1.000000000
                                                                        Distancia:   197.142  Azimut: 201.827356
 BO : B47                   X:  713204.987  Y: 4370529.653  Z: 359.989  PK:     416.019 Dis= 635.844  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	380.000	184.929689	0.000	713752.293	4370873.594	83.142021	561.210	281.314665	64.281877	646.405	62.454521	363.719
RECTA	397.052	184.929689	0.000	713756.292	4370857.018	85.076663	560.990	283.249307	65.886878	641.174	64.059523	363.537
RECTA	400.000	184.929689	0.000	713756.983	4370854.152	85.411177	561.004	283.583822	66.166947	640.312	64.339591	363.543
RECTA	413.052	184.929689	0.000	713760.044	4370841.464	86.891751	561.255	285.064395	67.415921	636.643	65.588566	363.697
RECTA	416.019	184.929689	0.000	713760.740	4370838.580	87.228011	561.354	285.400656	67.701761	635.844	65.874405	363.757

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 106 (Derecha): Desvio Provisional 1

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B56 X: 711795.005 Y: 4369676.669 Z: 357.363 PK: 260.459 Dis= -66.529 K : 1.000000000
Distancia: 180.590 Azimut: 80.507348
BO : B55 X: 711967.196 Y: 4369731.104 Z: 353.459 PK: 260.459 Dis=-243.210 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	83.827715	0.000	711489.258	4369590.914	282.591596	317.545	202.084248	281.836012	498.074	1.328664	351.215
RECTA	10.000	83.827715	0.000	711498.937	4369593.427	282.551406	307.547	202.044058	281.795212	488.079	1.287863	351.435
RECTA	20.000	83.827715	0.000	711508.616	4369595.940	282.508515	297.549	202.001167	281.752705	478.084	1.245357	351.655
RECTA	40.000	83.827715	0.000	711527.975	4369600.967	282.413463	277.554	201.906114	281.662129	458.095	1.154780	352.095
RECTA	50.000	83.827715	0.000	711537.654	4369603.480	282.360609	267.556	201.853261	281.613810	448.101	1.106461	352.315
RECTA	60.000	83.827715	0.000	711547.333	4369605.993	282.303652	257.559	201.796304	281.563287	438.107	1.055938	352.535
RECTA	60.000	83.827715	0.000	711547.333	4369605.993	282.303652	257.559	201.796304	281.563287	438.107	1.055938	352.535
CLOT.	67.145	83.827715	0.000	711554.248	4369607.788	282.260171	250.416	201.752823	281.525753	430.967	1.018404	352.691
CLOT.	70.000	83.899789	0.000	711557.012	4369608.505	282.241818	247.562	201.734470	281.510244	428.114	1.002896	352.754
CLOT.	80.000	85.288867	0.000	711566.715	4369610.924	282.149017	237.569	201.641669	281.440035	418.125	0.932687	352.964
CLOT.	84.903	86.615906	0.000	711571.498	4369611.999	282.069671	232.675	201.562322	281.386965	413.235	0.879617	353.067
CIRC.	94.837	90.608281	0.000	711581.268	4369613.789	281.784950	222.794	201.277602	281.212985	403.365	0.705637	353.261
CIRC.	100.000	93.136516	0.000	711586.389	4369614.446	281.546740	217.698	201.039391	281.075464	398.275	0.568115	353.351
CLOT.	109.122	97.603443	0.000	711595.484	4369615.109	280.947711	208.802	200.440363	280.743482	389.390	0.236134	353.492
CLOT.	120.000	101.884319	0.000	711606.361	4369615.123	279.923177	198.430	199.415828	280.201514	379.017	399.694166	353.628
CLOT.	136.814	104.384009	0.000	711623.147	4369614.186	277.799956	182.864	197.292608	279.145183	363.372	398.637835	353.772
CLOT.	140.000	104.294254	0.000	711626.326	4369613.968	277.343332	179.956	196.835984	278.928126	360.435	398.420778	353.790
CLOT.	140.903	104.236190	0.000	711627.227	4369613.908	277.211671	179.133	196.704322	278.866188	359.603	398.358839	353.795
CLOT.	145.160	103.768036	0.000	711631.476	4369613.638	276.579244	175.256	196.071895	278.572748	355.677	398.065400	353.816
CLOT.	160.000	99.630635	0.000	711646.305	4369613.167	274.305621	161.692	193.798273	277.577832	341.877	397.070483	353.938
CIRC.	164.506	97.603443	0.000	711650.810	4369613.262	273.626137	157.520	193.118789	277.301736	337.619	396.794388	353.994
CLOT.	177.303	91.336910	0.000	711663.553	4369614.372	271.825587	145.466	191.318239	276.634803	325.308	396.127454	354.202
CLOT.	180.000	90.080359	0.000	711666.222	4369614.765	271.474537	142.889	190.967189	276.518204	322.677	396.010855	354.254
CLOT.	197.600	85.039816	0.000	711683.458	4369618.305	269.311573	125.893	188.804225	275.910997	305.337	395.403648	354.676
CLOT.	199.840	84.791267	0.000	711685.635	4369618.831	269.032007	123.721	188.524658	275.844730	303.120	395.337382	354.739
CLOT.	200.000	84.776953	0.000	711685.790	4369618.869	269.011881	123.567	188.504532	275.840039	302.962	395.332691	354.743
RECTA	204.995	84.556344	0.000	711690.640	4369620.063	268.361370	118.727	187.854022	275.693180	298.015	395.185832	354.880
RECTA	210.000	84.556344	0.000	711695.499	4369621.265	267.657312	113.891	187.149963	275.542300	293.060	395.034952	355.018
RECTA	220.000	84.556344	0.000	711705.206	4369623.668	266.055468	104.274	185.548120	275.225028	283.163	394.717680	355.293
RECTA	220.000	84.556344	0.000	711705.206	4369623.668	266.055468	104.274	185.548120	275.225028	283.163	394.717680	355.293
RECTA	240.000	84.556344	0.000	711724.620	4369628.472	261.775467	85.305	181.268119	274.519003	263.394	394.011655	355.843
RECTA	240.000	84.556344	0.000	711724.620	4369628.472	261.775467	85.305	181.268119	274.519003	263.394	394.011655	355.843
RECTA	250.000	84.556344	0.000	711734.328	4369630.874	258.841254	76.019	178.333906	274.124724	253.523	393.617376	356.118
RECTA	260.000	84.556344	0.000	711744.035	4369633.276	255.101182	66.940	174.593833	273.698516	243.662	393.191168	356.367
REC												
TA	260.459	84.556344	0.000	711744.480	4369633.386	254.905188	66.529	174.397840	273.678129	243.210	393.170781	356.379

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 150 (Derecha): ENLACE A-66 - RAMAL 1

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B01 X: 721776.335 Y: 4371188.777 Z: 408.569 PK: 110.649 Dis=-100.613 K : 1.000000000
Distancia: 190.912 Azimut: 282.582182
BO : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 110.649 Dis=-196.206 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	192.632682	0.000	721723.370	4371383.510	383.093765	201.808	100.511583	31.086329	278.914	348.504148	406.110
RECTA	1.315	192.632682	0.000	721723.522	4371382.204	383.031424	200.507	100.449243	31.257506	277.832	348.675324	406.074
RECTA	20.000	192.632682	0.000	721725.680	4371363.644	382.049725	182.056	99.467543	33.839975	262.698	351.257793	405.653
CIRC.	24.410	192.632682	0.000	721726.189	4371359.263	381.788283	177.708	99.206101	34.493214	259.194	351.911032	405.578
CIRC.	40.000	188.887528	0.000	721728.443	4371343.840	380.929395	162.290	98.347213	37.038246	247.340	354.456064	405.386
CIRC.	58.015	184.559642	0.000	721732.172	4371326.218	380.207444	144.362	97.625263	40.507037	235.015	357.924855	405.309
CIRC.	60.000	184.082850	0.000	721732.656	4371324.293	380.150141	142.381	97.567959	40.924514	233.760	358.342332	405.310
CIRC.	78.001	179.758459	0.000	721737.699	4371307.017	379.894012	124.392	97.311830	45.028516	223.419	362.446335	405.404
CIRC.	79.361	179.431633	0.000	721738.127	4371305.726	379.897318	123.032	97.315136	45.361460	222.719	362.779278	405.417
CIRC.	80.000	181.058311	0.000	721738.322	4371305.117	379.895503	122.393	97.313321	45.517549	222.387	362.935368	405.423
CIRC.	97.759	226.280606	0.000	721737.321	4371287.758	376.097566	106.393	93.515385	48.756787	208.893	366.174605	405.592
CIRC.	99.017	229.485340	0.000	721736.787	4371286.619	375.545952	105.532	92.963770	48.880997	207.702	366.298815	405.603
CIRC.	100.000	231.987893	0.000	721736.331	4371285.749	375.091299	104.899	92.509117	48.966071	206.759	366.383890	405.610
CIRC.	100.392	232.986138	0.000	721736.139	4371285.406	374.904277	104.656	92.322096	48.997024	206.380	366.414842	405.612
CIRC.	101.882	236.779579	0.000	721735.364	4371284.135	374.165309	103.787	91.583128	49.098771	204.927	366.516589	405.621
CIRC.	103.480	240.850467	0.000	721734.448	4371282.825	373.325428	102.954	90.743246	49.179252	203.350	366.597070	405.628
CIRC.	105.176	245.169530	0.000	721733.388	4371281.501	372.386479	102.188	89.804297	49.231048	201.662	366.648866	405.632
CIRC.	106.953	249.692548	0.000	721732.184	4371280.196	371.357337	101.522	88.775155	49.247037	199.887	366.664855	405.632
CIRC.	108.786	254.361115	0.000	721730.847	4371278.942	370.254692	100.989	87.672510	49.221319	198.056	366.639137	405.628
CIRC.	110.649	259.105130	0.000	721729.398	4371277.771	369.102610	100.613	86.520428	49.150177	196.206	366.567995	405.621

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 151 (Derecha): VÍA DE SERVICIO M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B01 X: 721776.335 Y: 4371188.777 Z: 408.569 PK: 0.000 Dis= -95.799 K : 1.000000000
Distancia: 190.912 Azimut: 282.582182
BO : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 195.944 Dis= -98.916 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	339.447864	0.000	721710.228	4371258.112	351.516998	95.799	68.934817	49.142539	168.747	366.560357	405.679
RECTA	20.000	339.447864	0.000	721693.947	4371269.727	349.439264	115.502	66.857082	41.583793	166.888	359.001611	405.279
RECTA	23.055	339.447864	0.000	721691.460	4371271.501	349.182790	118.520	66.600608	40.418540	166.814	357.836358	405.218
CLOT.	29.149	339.447864	0.000	721686.499	4371275.040	348.708306	124.547	66.126124	38.092824	166.832	355.510642	405.100
CLOT.	40.000	337.597034	0.000	721677.605	4371281.255	347.919193	135.277	65.337012	33.961513	167.310	351.379331	404.915
CLOT.	60.000	324.486739	0.000	721660.124	4371290.898	345.897211	154.705	63.315029	26.377745	167.914	343.795563	404.649
CIRC.	69.649	313.664763	0.000	721650.927	4371293.778	344.376170	163.562	61.793989	22.727116	167.122	340.144934	404.557
CIRC.	80.000	300.485431	0.000	721640.658	4371294.924	342.264288	172.266	59.682106	18.855941	164.912	336.273760	404.484
CIRC.	100.000	275.020640	0.000	721621.158	4371291.126	337.119089	185.891	54.536907	11.708157	156.573	329.125976	404.419
CIRC.	103.055	271.131064	0.000	721618.372	4371289.872	336.243267	187.543	53.661086	10.676601	154.852	328.094419	404.418
CLOT.	105.663	267.809942	0.000	721616.058	4371288.669	335.481135	188.857	52.898953	9.812516	153.293	327.230335	404.418
CLOT.	120.000	252.786763	0.000	721604.518	4371280.218	331.135428	194.634	48.553247	5.326428	143.527	322.744247	404.453
CLOT.	123.055	250.420764	0.000	721602.306	4371278.112	330.192102	195.619	47.609921	4.411884	141.258	321.829703	404.468
CLOT.	140.000	242.623941	0.000	721591.153	4371265.369	324.966802	200.397	42.384621	399.318939	128.183	316.736757	404.552
CLOT.	146.163	242.026841	0.000	721587.358	4371260.512	323.096324	202.134	40.514142	397.334660	123.428	314.752478	404.583
CLOT.	160.000	244.464523	0.000	721578.734	4371249.693	319.037039	206.777	36.454857	392.235439	113.342	309.653257	404.652
CLOT.	180.000	256.604471	0.000	721564.684	4371235.503	313.832601	216.747	31.250419	382.431752	102.176	299.849571	404.752
CIRC.	187.830	264.131694	0.000	721558.336	4371230.927	312.158880	222.036	29.576699	377.734770	99.774	295.152589	404.791
CLOT.	192.241	268.811551	0.000	721554.524	4371228.710	311.339732	225.377	28.757550	374.945119	99.093	292.362937	404.814

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 151 (Derecha): VÍA DE SERVICIO M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 279.570 Dis=-255.138 K : 1.000000000
Distancia: 196.654 Azimut: 299.473291
BO : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 367.317 Dis=-260.821 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	260.000	290.916404	0.000	721488.627	4371214.413	395.790020	255.887	96.316729	38.858210	313.579	339.384918	405.152
RECTA	280.000	290.916404	0.000	721468.831	4371211.569	390.809168	255.138	91.335877	35.763134	300.256	336.289842	405.252
RECTA	300.000	290.916404	0.000	721449.034	4371208.725	385.829625	255.955	86.356334	32.389492	287.707	332.916201	405.352
CLOT.	309.985	290.916404	0.000	721439.150	4371207.305	383.362944	256.944	83.889653	30.595258	281.765	331.121967	405.402
CLOT.	320.000	291.803239	0.000	721429.231	4371205.927	380.913405	258.367	81.440114	28.713604	276.078	329.240313	405.452
CLOT.	340.000	298.882071	0.000	721409.309	4371204.281	376.191513	263.403	76.718222	24.598600	266.469	325.125309	405.552
CIRC.	354.985	308.821335	0.000	721394.362	4371205.109	372.980488	269.977	73.507196	21.156855	261.986	321.683564	405.627
CIRC.	360.000	312.812086	0.000	721389.420	4371205.957	372.011039	272.816	72.537748	19.950886	261.222	320.477594	405.652
CLOT.	360.061	312.860375	0.000	721389.361	4371205.969	371.999693	272.853	72.526402	19.936189	261.215	320.462898	405.653

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 151 (Derecha): VÍA DE SERVICIO M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 195.944 Dis= -98.916 K : 1.000000000
Distancia: 198.215 Azimut: 228.922930
BO : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 279.570 Dis=-255.138 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	180.000	256.604471	0.000	721564.684	4371235.503	382.431752	102.176	153.508822	13.419829	282.675	384.496899	404.752
CIRC.	187.830	264.131694	0.000	721558.336	4371230.927	377.734770	99.774	148.811840	12.212822	276.922	383.289892	404.791
CLOT.	192.241	268.811551	0.000	721554.524	4371228.710	374.945119	99.093	146.022188	11.441635	274.039	382.518705	404.814
CLOT.	200.000	276.277937	0.000	721547.473	4371225.483	369.962394	99.120	141.039464	9.939912	269.678	381.016982	404.852
CLOT.	220.000	288.453806	0.000	721528.193	4371220.278	358.056014	105.079	129.133084	5.508370	262.174	376.585440	404.952
RECTA	233.907	290.916404	0.000	721514.455	4371218.124	351.145622	112.448	122.222692	2.190850	259.192	373.267920	405.022
RECTA	240.000	290.916404	0.000	721508.424	4371217.257	348.435311	116.117	119.512381	0.711917	258.188	371.788986	405.052
RECTA	260.000	290.916404	0.000	721488.627	4371214.413	340.690253	129.451	111.767322	395.790020	255.887	366.867090	405.152

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 151 (Derecha): VÍA DE SERVICIO M.D.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B04                   X:  721308.890  Y: 4370957.458  Z: 413.265  PK:     367.317 Dis=-260.821  K : 1.000000000
                                                                        Distancia:   195.525  Azimut: 307.936756
BO : B05                   X:  721114.883  Y: 4370981.771  Z: 418.756  PK:     749.370 Dis=-133.592  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	360.000	312.812086	0.000	721389.420	4371205.957	19.950886	261.222	112.014130	56.405659	354.443	348.468902	405.652
CLOT.	360.061	312.860375	0.000	721389.361	4371205.969	19.936189	261.215	111.999433	56.397213	354.405	348.460457	405.653
CLOT.	380.000	325.212233	0.000	721370.391	4371212.008	15.091947	261.875	107.155191	53.309002	343.938	345.372245	405.752
CLOT.	400.000	330.538860	0.000	721352.363	4371220.653	10.421130	266.761	102.484373	49.812539	336.840	341.875783	405.852
CLOT.	405.061	330.765306	0.000	721347.879	4371223.000	9.280999	268.389	101.344243	48.894894	335.378	340.958137	405.878
CLOT.	420.000	329.502348	0.000	721334.605	4371229.854	5.992091	273.607	98.055335	46.145180	331.395	338.208424	405.952
CLOT.	440.000	323.857241	0.000	721316.390	4371238.098	1.700983	280.740	93.764227	42.413455	326.050	334.476699	406.052
CIRC.	456.197	315.967843	0.000	721301.008	4371243.138	398.244079	285.789	90.307322	39.395008	320.867	331.458251	406.133
CIRC.	460.000	313.766901	0.000	721297.309	4371244.018	397.428541	286.794	89.491785	38.692725	319.457	330.755969	406.152
CIRC.	480.000	302.191996	0.000	721277.493	4371246.515	393.112138	290.757	85.175381	35.065459	310.695	327.128702	406.252
CIRC.	495.479	293.233833	0.000	721262.037	4371245.960	389.750747	292.281	81.813991	32.353334	302.407	324.416578	406.330
CIRC.	500.000	290.617091	0.000	721257.552	4371245.388	388.767179	292.471	80.830422	31.580296	299.747	323.643540	406.353
CIRC.	520.000	279.042186	0.000	721238.144	4371240.673	384.416485	291.918	76.479729	28.287509	286.747	320.350753	406.479
CLOT.	538.649	268.249151	0.000	721221.091	4371233.181	380.374288	289.364	72.437532	25.446263	272.923	317.509506	406.629
CLOT.	540.000	267.477609	0.000	721219.909	4371232.527	380.082526	289.103	72.145770	25.250739	271.862	317.313982	406.642
CLOT.	560.000	258.472039	0.000	721203.276	4371221.451	375.772726	284.335	67.835969	22.493150	255.460	314.556393	406.840
CIRC.	580.000	253.993543	0.000	721187.898	4371208.670	371.425565	278.830	63.488808	19.819955	238.358	311.883199	407.074
RECTA	589.785	253.451687	0.000	721180.596	4371202.156	369.257935	276.291	61.321178	18.447830	229.974	310.511074	407.201
RECTA	595.479	253.451687	0.000	721176.358	4371198.355	367.980053	274.947	60.043297	17.606577	225.139	309.669821	407.280
RECTA	600.000	253.451687	0.000	721172.992	4371195.336	366.956580	273.960	59.019824	16.912386	221.329	308.975630	407.343
RECTA	620.000	253.451687	0.000	721158.104	4371181.981	362.350352	270.457	54.413596	13.535586	204.822	305.598829	407.623
RECTA	625.423	253.451687	0.000	721154.067	4371178.359	361.082832	269.755	53.146076	12.524979	200.455	304.588223	407.699
RECTA	640.000	253.451687	0.000	721143.216	4371168.626	357.648566	268.402	49.711810	9.580289	188.991	301.643533	407.889
RECTA	660.000	253.451687	0.000	721128.329	4371155.271	352.900562	267.829	44.963806	4.923741	174.020	296.986985	408.103
CLOT.	669.410	253.451687	0.000	721121.324	4371148.987	350.665429	268.076	42.728672	2.450855	167.340	294.514098	408.186
CLOT.	680.000	253.808640	0.000	721113.428	4371141.931	348.159068	268.767	40.222312	399.421543	160.166	291.484786	408.264
CLOT.	692.923	255.211500	0.000	721103.678	4371133.449	345.129411	270.342	37.192655	395.305385	152.091	287.368629	408.340
CLOT.	700.000	256.430190	0.000	721098.240	4371128.920	343.493820	271.612	35.557064	392.829957	148.088	284.893201	408.376
CLOT.	720.000	261.598220	0.000	721082.288	4371116.866	339.027988	277.055	31.091232	384.927879	138.971	276.991123	408.476
CIRC.	722.042	262.269136	0.000	721080.600	4371115.716	338.589966	277.780	30.653210	384.048324	138.263	276.111568	408.486
CIRC.	739.618	268.158267	0.000	721065.589	4371106.586	335.006240	285.368	27.069484	376.054413	134.197	268.117657	408.574
CIRC.	740.000	268.286208	0.000	721065.253	4371106.403	334.932440	285.558	26.995683	375.874577	134.150	267.937821	408.576
CLOT.	752.907	272.610814	0.000	721053.714	4371100.626	332.549899	292.595	24.613143	369.741620	133.672	261.804864	408.670

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 151 (Derecha): VÍA DE SERVICIO M.D.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
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Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B05                   X:  721114.883  Y: 4370981.771  Z: 418.756  PK:     749.370 Dis=-133.592  K : 1.000000000
                                                                        Distancia:   266.093  Azimut: 286.365409
BO : B06                   X:  720854.869  Y: 4370925.216  Z: 415.878  PK:     823.557 Dis=-201.901  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	740.000	268.286208	0.000	721065.253	4371106.403	375.874577	134.150	89.509168	54.738096	277.652	368.372687	408.576
CLOT.	752.907	272.610814	0.000	721053.714	4371100.626	369.741620	133.672	83.376211	53.981238	265.157	367.615829	408.670
CLOT.	760.000	274.827318	0.000	721047.216	4371097.783	366.384630	134.304	80.019221	53.447416	258.412	367.082006	408.745
CLOT.	780.000	279.352210	0.000	721028.478	4371090.804	357.338187	139.119	70.972778	51.505154	239.916	365.139744	409.047
CLOT.	800.000	281.330624	0.000	721009.405	4371084.790	349.248972	147.440	62.883563	48.979048	222.137	362.613638	409.483
RECTA	805.538	281.428262	0.000	721004.101	4371083.194	347.194106	150.197	60.828697	48.188120	217.318	361.822711	409.628
RECTA	811.618	281.428262	0.000	720998.278	4371081.445	345.026667	153.400	58.661257	47.277857	212.070	360.912448	409.798
RECTA	820.000	281.428262	0.000	720990.251	4371079.035	342.187372	158.093	55.821963	45.946882	204.911	359.581472	410.041
RECTA	823.557	281.428262	0.000	720986.844	4371078.012	341.033819	160.176	54.668410	45.353677	201.901	358.988268	410.144

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 154 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA SUR

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B17                   X:  718753.160  Y: 4370408.625  Z: 404.457  PK:       0.859 Dis= 839.081  K : 1.000000000
                                                                        Distancia:   233.771  Azimut: 292.420961
BO : B18                   X:  718521.044  Y: 4370380.860  Z: 406.104  PK:       3.679 Dis= 612.882  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	380.000000	0.000	717961.835	4370129.555	278.415784	839.092	385.994823	273.112384	613.081	180.691423	410.591

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 154 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA SUR

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B18                   X:  718521.044  Y: 4370380.860  Z: 406.104  PK:       3.679 Dis= 612.882  K : 1.000000000
                                                                        Distancia:   283.374  Azimut: 299.039331
BO : B19                   X:  718237.702  Y: 4370376.584  Z: 405.120  PK:      13.682 Dis= 367.495  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	380.000000	0.000	717961.835	4370129.555	273.112384	613.081	374.073053	253.507415	370.305	154.468085	410.591

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 154 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA SUR

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                                  ==========================================
                                  * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                  ==========================================
 Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                  D : Reduccion al nivel del mar:NO
                                  D : Paso de la cuerda al arco :NO
                                  D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B19                       X:  718237.702  Y: 4370376.584  Z: 405.120  PK:      13.682 Dis= 367.495  K : 1.000000000
                                                                                Distancia:   271.518  Azimut: 319.529515
 BO : B20                       X:  717978.860  Y: 4370458.577  Z: 409.524  PK:      39.854 Dis= 307.988  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	380.000000	0.000	717961.835	4370129.555	253.507415	370.305	333.977901	203.291146	329.462	83.761632	410.591
CIRC.	2.883	374.901399	0.000	717960.836	4370132.259	253.969632	369.256	334.440117	203.512845	326.816	83.983331	410.670
CIRC.	20.000	344.632235	0.000	717950.819	4370145.940	256.890998	368.101	337.361484	205.694742	313.892	86.165228	411.155
CIRC.	33.786	320.253508	0.000	717938.858	4370152.624	259.057018	373.451	339.527503	208.276542	308.557	88.747028	411.545

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 154 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA SUR

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                                  ==========================================
                                  * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                  ==========================================
 Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                  D : Reduccion al nivel del mar:NO
                                  D : Paso de la cuerda al arco :NO
                                  D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B20                       X:  717978.860  Y: 4370458.577  Z: 409.524  PK:      39.854 Dis= 307.988  K : 1.000000000
                                                                                Distancia:   228.305  Azimut: 326.207092
 BO : B21                       X:  717769.628  Y: 4370549.929  Z: 405.207  PK:      57.873 Dis= 423.505  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	344.632235	0.000	717950.819	4370145.940	205.694742	313.892	279.487650	173.159518	442.761	46.952427	411.155
CIRC.	33.786	320.253508	0.000	717938.858	4370152.624	208.276542	308.557	282.069451	174.365175	431.845	48.158083	411.545
CIRC.	40.000	309.264470	0.000	717932.818	4370154.050	209.552872	307.988	283.345780	175.108338	428.195	48.901246	411.708

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 154 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA SUR

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                                  ==========================================
                                  * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                  ==========================================
 Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                  D : Reduccion al nivel del mar:NO
                                  D : Paso de la cuerda al arco :NO
                                  D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B21                       X:  717769.628  Y: 4370549.929  Z: 405.207  PK:      57.873 Dis= 423.505  K : 1.000000000
                                                                                Distancia:   188.575  Azimut: 342.729158
 BO : B22                       X:  717621.958  Y: 4370667.207  Z: 402.525  PK:      63.533 Dis= 592.149  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	309.264470	0.000	717932.818	4370154.050	175.108338	428.195	232.379179	165.326001	599.970	22.596842	411.708
CIRC.	60.000	273.896705	0.000	717913.246	4370151.446	177.977967	423.574	235.248808	167.270391	592.333	24.541232	412.051
CIRC.	74.883	247.577392	0.000	717901.191	4370142.899	180.097455	427.764	237.368296	168.845918	594.028	26.116759	412.128

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 154 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA SUR

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                                  ==========================================
                                  * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                  ==========================================
 Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                  D : Reduccion al nivel del mar:NO
                                  D : Paso de la cuerda al arco :NO
                                  D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B22                       X:  717621.958  Y: 4370667.207  Z: 402.525  PK:      63.533 Dis= 592.149  K : 1.000000000
                                                                                Distancia:   135.096  Azimut: 303.032126
 BO : B23                       X:  717487.015  Y: 4370673.639  Z: 405.931  PK:      69.387 Dis= 672.780  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	60.000	273.896705	0.000	717913.246	4370151.446	167.270391	592.333	264.238265	156.419451	674.061	53.387325	412.051

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 154 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA SUR

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                                  ==========================================
                                  * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                  ==========================================
 Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                  D : Reduccion al nivel del mar:NO
                                  D : Paso de la cuerda al arco :NO
                                  D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B23                       X:  717487.015  Y: 4370673.639  Z: 405.931  PK:      69.387 Dis= 672.780  K : 1.000000000
                                                                                Distancia:   157.137  Azimut: 267.949668
 BO : B24                       X:  717349.375  Y: 4370597.829  Z: 411.470  PK:      76.867 Dis= 715.108  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	60.000	273.896705	0.000	717913.246	4370151.446	156.419451	674.061	288.469783	142.629458	719.172	74.679790	412.051

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 154 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA SUR

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                                  ==========================================
                                  * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                  ==========================================
 Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                  D : Reduccion al nivel del mar:NO
                                  D : Paso de la cuerda al arco :NO
                                  D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B24                       X:  717349.375  Y: 4370597.829  Z: 411.470  PK:      76.867 Dis= 715.108  K : 1.000000000
                                                                                Distancia:   171.415  Azimut: 323.692746
 BO : B25                       X:  717189.695  Y: 4370660.161  Z: 410.467  PK:      78.990 Dis= 879.408  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	60.000	273.896705	0.000	717913.246	4370151.446	142.629458	719.172	218.936712	139.011434	884.487	15.318688	412.051
CIRC.	74.883	247.577392	0.000	717901.191	4370142.899	143.892133	715.166	220.199387	140.019273	879.651	16.326527	412.128
CIRC.	80.000	238.528939	0.000	717897.992	4370138.912	144.347141	715.252	220.654394	140.388951	879.423	16.696204	412.119
CIRC.	100.000	203.161174	0.000	717891.642	4370120.217	145.969554	722.611	222.276807	141.742007	885.589	18.049261	411.910
CIRC.	115.981	174.901276	0.000	717894.359	4370104.602	146.828920	735.038	223.136174	142.502583	897.328	18.809837	411.545
CIRC.	120.000	167.793409	0.000	717896.107	4370100.985	146.958977	738.762	223.266231	142.626846	900.941	18.934100	411.431
CIRC.	140.000	132.425644	0.000	717910.044	4370087.000	147.040955	758.482	223.348208	142.786964	920.552	19.094218	410.865
CIRC.	146.883	120.253385	0.000	717916.336	4370084.237	146.858232	764.998	223.165486	142.666401	927.198	18.973654	410.670
CIRC.	160.000	97.057879	0.000	717929.260	4370082.469	146.253746	775.798	222.561000	142.215821	938.448	18.523074	410.357
CIRC.	180.000	61.690114	0.000	717947.977	4370088.754	144.865713	785.800	221.172967	141.111117	949.472	17.418371	410.109
CIRC.	187.981	47.577392	0.000	717954.003	4370093.962	144.229075	787.056	220.536328	140.590052	951.183	16.897305	410.087
CIRC.	200.000	26.322349	0.000	717960.564	4370103.966	143.266099	785.781	219.573353	139.790106	950.574	16.097360	410.137
CIRC.	220.000	390.954584	0.000	717963.235	4370123.528	141.879545	775.748	218.186799	138.611622	941.455	14.918876	410.441
CIRC.	226.195	380.000000	0.000	717961.835	4370129.555	141.556384	770.966	217.863638	138.329333	936.880	14.636587	410.591

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 155 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA NORTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B22                   X:  717621.958  Y: 4370667.207  Z: 402.525  PK:      51.611 Dis= 422.405  K : 1.000000000
                                                                        Distancia:   135.096  Azimut: 303.032126
 BO : B23                   X:  717487.015  Y: 4370673.639  Z: 405.931  PK:      54.381 Dis= 549.964  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	330.000000	0.000	718049.679	4370506.630	122.863668	456.870	219.831542	118.368668	586.927	15.336542	411.500
CIRC.	20.000	290.211264	0.000	718030.251	4370509.741	123.433483	437.605	220.401357	118.654396	567.422	15.622270	411.500
CIRC.	40.000	250.422528	0.000	718012.675	4370500.895	125.619332	424.640	222.587206	120.212981	553.316	17.180855	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 155 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA NORTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B23                   X:  717487.015  Y: 4370673.639  Z: 405.931  PK:      54.381 Dis= 549.964  K : 1.000000000
                                                                        Distancia:   308.503  Azimut: 126.267495
 BO : B21                   X:  717769.628  Y: 4370549.929  Z: 405.207  PK:      56.893 Dis= 243.063  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	250.422528	0.000	718012.675	4370500.895	120.212981	553.316	393.945486	112.673409	247.944	186.405914	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 155 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA NORTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B21                   X:  717769.628  Y: 4370549.929  Z: 405.207  PK:      56.893 Dis= 243.063  K : 1.000000000
                                                                        Distancia:   590.316  Azimut: 311.958036
 BO : B25                   X:  717189.695  Y: 4370660.161  Z: 410.467  PK:      58.559 Dis= 832.833  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	250.422528	0.000	718012.675	4370500.895	112.673409	247.944	200.715373	112.169630	838.249	0.211595	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 155 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA NORTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B25                   X:  717189.695  Y: 4370660.161  Z: 410.467  PK:      58.559 Dis= 832.833  K : 1.000000000
                                                                        Distancia:   171.415  Azimut: 123.692746
 BO : B24                   X:  717349.375  Y: 4370597.829  Z: 411.470  PK:      59.815 Dis= 664.147  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	250.422528	0.000	718012.675	4370500.895	112.169630	838.249	388.476884	109.238071	670.345	185.545325	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 155 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA NORTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B24                   X:  717349.375  Y: 4370597.829  Z: 411.470  PK:      59.815 Dis= 664.147  K : 1.000000000
                                                                        Distancia:   644.703  Azimut: 113.859826
 BO : B20                   X:  717978.860  Y: 4370458.577  Z: 409.524  PK:      76.037 Dis=  27.587  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	250.422528	0.000	718012.675	4370500.895	109.238071	670.345	395.378245	42.918897	54.169	129.059071	411.500
CIRC.	60.000	210.633793	0.000	718003.597	4370483.439	111.019869	664.147	397.160043	49.840229	35.072	135.980403	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 155 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA NORTE

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B20                   X:  717978.860  Y: 4370458.577  Z: 409.524  PK:      76.037 Dis=  27.587  K : 1.000000000
                                                                        Distancia:   271.518  Azimut: 119.529515
 BO : B19                   X:  718237.702  Y: 4370376.584  Z: 405.120  PK:     151.007 Dis= 194.574  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	60.000	210.633793	0.000	718003.597	4370483.439	49.840229	35.072	330.310714	327.259770	257.338	7.730256	411.500
CIRC.	80.000	170.845057	0.000	718006.449	4370463.970	87.709962	28.111	368.180448	323.000755	247.213	3.471241	411.500
CIRC.	100.000	131.056321	0.000	718020.153	4370449.851	113.257949	42.205	393.728435	320.680771	229.555	1.151256	411.500
CIRC.	120.000	91.267585	0.000	718039.527	4370446.419	112.591522	61.874	393.062008	321.568846	210.119	2.039332	411.500
CIRC.	140.000	51.478850	0.000	718057.247	4370454.971	102.926243	78.470	383.396729	326.088404	196.745	6.558890	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 155 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA NORTE

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B19                   X:  718237.702  Y: 4370376.584  Z: 405.120  PK:     151.007 Dis= 194.574  K : 1.000000000
                                                                        Distancia:   283.374  Azimut:  99.039331
 BO : B18                   X:  718521.044  Y: 4370380.860  Z: 406.104  PK:     159.554 Dis= 463.531  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	140.000	51.478850	0.000	718057.247	4370454.971	326.088404	196.745	227.049073	310.087446	469.680	11.048116	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 155 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA NORTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B18                   X:  718521.044  Y: 4370380.860  Z: 406.104  PK:     159.554 Dis= 463.531  K : 1.000000000
                                                                        Distancia:   233.771  Azimut:  92.420961
 BO : B17                   X:  718753.160  Y: 4370408.625  Z: 404.457  PK:     162.789 Dis= 689.363  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	140.000	51.478850	0.000	718057.247	4370454.971	310.087446	469.680	217.666485	304.233506	697.454	11.812545	411.500
CIRC.	160.000	11.690114	0.000	718066.614	4370472.275	312.637843	463.534	220.216882	305.885317	689.490	13.464356	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 155 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA NORTE

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B17                   X:  718753.160  Y: 4370408.625  Z: 404.457  PK:     162.789 Dis= 689.363  K : 1.000000000
                                                                        Distancia:   212.806  Azimut:  72.653571
 BO : B16                   X:  718946.633  Y: 4370497.252  Z: 407.027  PK:     166.548 Dis= 879.682  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	160.000	11.690114	0.000	718066.614	4370472.275	305.885317	689.490	233.231746	298.193619	880.374	25.540047	411.500
CIRC.	180.000	371.901378	0.000	718064.085	4370491.788	307.646251	694.075	234.992680	299.605865	882.565	26.952294	411.500
CIRC.	200.000	332.112642	0.000	718050.617	4370506.133	308.779725	709.277	236.126154	300.630957	896.060	27.977386	411.500
CIRC.	201.062	330.000000	0.000	718049.679	4370506.630	308.812354	710.275	236.158783	300.665619	897.003	28.012048	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 156 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 0

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B24                   X:  717349.375  Y: 4370597.829  Z: 411.470  PK:     257.650 Dis=-691.327  K : 1.000000000
                                                                        Distancia:   171.415  Azimut: 323.692746
 BO : B25                   X:  717189.695  Y: 4370660.161  Z: 410.467  PK:     271.623 Dis=-862.171  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	18.497558	0.000	717937.911	4370152.922	141.208550	737.779	217.515803	137.927337	903.946	14.234591	411.573
RECTA	0.000	18.497558	0.000	717937.911	4370152.922	141.208533	737.778	217.515787	137.927323	903.946	14.234577	411.573
RECTA	7.219	18.497558	0.000	717939.979	4370159.838	140.622833	735.288	216.930087	137.441238	901.803	13.748492	411.551
RECTA	20.000	18.497558	0.000	717943.641	4370172.083	139.576333	731.034	215.883587	136.575108	898.139	12.882362	411.619
RECTA	40.000	18.497558	0.000	717949.370	4370191.245	137.914836	724.779	214.222090	135.205906	892.742	11.513160	411.999
RECTA	60.000	18.497558	0.000	717955.100	4370210.407	136.225586	719.026	212.532840	133.820700	887.764	10.127953	412.712
RECTA	79.219	18.497558	0.000	717960.606	4370228.820	134.577728	713.983	210.884982	132.475454	883.379	8.782708	413.711
RECTA	80.000	18.497558	0.000	717960.830	4370229.568	134.510316	713.788	210.817570	132.420539	883.210	8.727793	413.758
RECTA	100.000	18.497558	0.000	717966.560	4370248.730	132.770968	709.075	209.078221	131.006558	879.087	7.313811	414.958
RECTA	111.182	18.497558	0.000	717969.763	4370259.444	131.788750	706.673	208.096003	130.210390	876.973	6.517644	415.629
RECTA	120.000	18.497558	0.000	717972.289	4370267.892	131.009677	704.898	207.316931	129.579963	875.402	5.887217	416.110
RECTA	140.000	18.497558	0.000	717978.019	4370287.053	129.228771	701.267	205.536025	128.142038	872.161	4.449291	416.839
RECTA	159.182	18.497558	0.000	717983.515	4370305.432	127.504550	698.305	203.811804	126.753493	869.473	3.060746	417.069
RECTA	160.000	18.497558	0.000	717983.749	4370306.215	127.430750	698.190	203.738004	126.694128	869.367	3.001382	417.069
RECTA	180.000	18.497558	0.000	717989.479	4370325.377	125.618271	695.674	201.925525	125.237643	867.026	1.544897	416.798
RECTA	199.182	18.497558	0.000	717994.974	4370343.755	123.868887	693.795	200.176140	123.833990	865.209	0.141244	416.069
RECTA	200.000	18.497558	0.000	717995.208	4370344.538	123.794129	693.727	200.101383	123.774042	865.141	0.081295	416.028
RECTA	220.000	18.497558	0.000	718000.938	4370363.700	121.961230	692.352	198.268484	122.304830	863.716	398.612083	415.028
RECTA	240.000	18.497558	0.000	718006.668	4370382.862	120.122567	691.553	196.429821	120.831547	862.751	397.138800	414.028
RECTA	254.571	18.497558	0.000	718010.842	4370396.822	118.781138	691.334	195.088391	119.756530	862.340	396.063783	413.300
RECTA	260.000	18.497558	0.000	718012.398	4370402.023	118.281189	691.331	194.588443	119.355759	862.250	395.663012	413.037

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 156 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 0

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B25                   X:  717189.695  Y: 4370660.161  Z: 410.467  PK:     271.623 Dis=-862.171  K : 1.000000000
                                                                        Distancia:  1085.695  Azimut: 116.823238
 BO : B19                   X:  718237.702  Y: 4370376.584  Z: 405.120  PK:     300.174 Dis= 223.148  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	260.000	18.497558	0.000	718012.398	4370402.023	119.355759	862.250	2.532520	307.157816	226.736	390.334578	413.037
RECTA	280.000	18.497558	0.000	718018.127	4370421.185	117.879048	862.212	1.055810	312.757742	224.059	395.934504	412.224
RECTA	300.000	18.497558	0.000	718023.857	4370440.347	116.403002	862.638	399.579764	318.447933	223.149	1.624695	411.654
RECTA	304.071	18.497558	0.000	718025.023	4370444.247	116.102788	862.782	399.279550	319.609194	223.183	2.785956	411.567

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 156 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 0

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 300.174 Dis= 223.148 K : 1.000000000
Distancia: 271.518 Azimut: 319.529515
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 304.575 Dis= -48.334 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	300.000	18.497558	0.000	718023.857	4370440.347	318.447933	223.149	398.918419	124.505583	48.550	4.976069	411.654

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 156 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 0

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 304.575 Dis= -48.334 K : 1.000000000
Distancia: 228.305 Azimut: 326.207092
BO : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 307.424 Dis=-276.077 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	300.000	18.497558	0.000	718023.857	4370440.347	124.505583	48.550	198.298492	125.908731	276.841	399.701639	411.654
RECTA	304.071	18.497558	0.000	718025.023	4370444.247	119.161611	48.336	192.954519	124.977413	276.397	398.770321	411.567
RECTA	307.424	18.497558	0.000	718025.984	4370447.460	114.749333	48.418	188.542241	124.208158	276.077	398.001066	411.500

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 159 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 1

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 0.000 Dis= 219.821 K : 1.000000000
Distancia: 283.374 Azimut: 299.039331
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 105.328 Dis= 47.483 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	0.000	306.501480	0.000	718314.142	4370306.611	278.065485	219.821	379.026155	147.189983	103.630	48.150652	402.479
CLOT.	1.813	306.588091	0.000	718312.339	4370306.797	278.290914	221.457	379.251583	147.863149	102.180	48.823818	402.482
CLOT.	3.756	306.701974	0.000	718310.406	4370306.999	278.529610	223.212	379.490279	148.604464	100.638	49.565133	402.486
CLOT.	5.374	306.813456	0.000	718308.797	4370307.171	278.726298	224.675	379.686967	149.237918	99.362	50.198588	402.489
CLOT.	7.127	306.951299	0.000	718307.055	4370307.360	278.937393	226.260	379.898062	149.941018	97.989	50.901687	402.493
CLOT.	9.189	307.136149	0.000	718305.005	4370307.587	279.183252	228.126	380.143921	150.790898	96.386	51.751567	402.498
CLOT.	10.612	307.278076	0.000	718303.591	4370307.748	279.351560	229.415	380.312230	151.392296	95.287	52.352965	402.501
CLOT.	12.632	307.499599	0.000	718301.584	4370307.982	279.588649	231.244	380.549318	152.266970	93.740	53.227639	402.506
CLOT.	14.165	307.683410	0.000	718300.062	4370308.164	279.767272	232.632	380.727941	152.947522	92.574	53.908191	402.510
CLOT.	16.506	307.990222	0.000	718297.739	4370308.452	280.038116	234.751	380.998785	154.015362	90.810	54.976031	402.516
CLOT.	18.321	308.249984	0.000	718295.939	4370308.683	280.246832	236.394	381.207502	154.868186	89.455	55.828856	402.521
CLOT.	19.835	308.481102	0.000	718294.438	4370308.881	280.420056	237.763	381.380726	155.596010	88.333	56.556679	402.525
CLOT.	20.000	308.507157	0.000	718294.274	4370308.903	280.438945	237.912	381.399615	155.676479	88.211	56.637149	402.526
CLOT.	21.147	308.692189	0.000	718293.138	4370309.057	280.569737	238.949	381.530407	156.239662	87.367	57.200331	402.529
CLOT.	23.370	309.072506	0.000	718290.936	4370309.366	280.822416	240.958	381.783086	157.357495	85.744	58.318164	402.535
CLOT.	25.235	309.413565	0.000	718289.091	4370309.636	281.033670	242.642	381.994339	158.322430	84.397	59.283099	402.540
CLOT.	26.859	309.726868	0.000	718287.486	4370309.879	281.217195	244.106	382.177865	159.183300	83.234	60.143969	402.545
CLOT.	28.307	310.019092	0.000	718286.055	4370310.103	281.380616	245.411	382.341285	159.967620	82.205	60.928289	402.549
CLOT.	29.620	310.294578	0.000	718284.758	4370310.312	281.528688	246.593	382.489358	160.692771	81.279	61.653440	402.552
CLOT.	30.828	310.556749	0.000	718283.567	4370310.509	281.664812	247.679	382.625482	161.371590	80.433	62.332259	402.555
CLOT.	31.945	310.806695	0.000	718282.466	4370310.695	281.790673	248.682	382.751342	162.009627	79.656	62.970296	402.558
CLOT.	32.989	311.046891	0.000	718281.437	4370310.873	281.908349	249.619	382.869018	162.615221	78.934	63.575890	402.561
CLOT.	34.900	311.502691	0.000	718279.556	4370311.210	282.123759	251.332	383.084428	163.746464	77.624	64.707134	402.566
CLOT.	36.622	311.931464	0.000	718277.863	4370311.525	282.318065	252.872	383.278735	164.792051	76.456	65.752720	402.570
CLOT.	38.195	312.338233	0.000	718276.318	4370311.823	282.495872	254.277	383.456542	165.769770	75.400	66.730439	402.574
CLOT.	39.646	312.726179	0.000	718274.895	4370312.107	282.660193	255.571	383.620862	166.691090	74.435	67.651759	402.577
CLOT.	40.000	312.822566	0.000	718274.548	4370312.177	282.700286	255.886	383.660955	166.918473	74.201	67.879142	402.578
CLOT.	40.429	312.940424	0.000	718274.128	4370312.264	282.748934	256.267	383.709603	167.195735	73.919	68.156405	402.579
CLOT.	41.905	313.354036	0.000	718272.684	4370312.566	282.916559	257.579	383.877229	168.162516	72.952	69.123185	402.582
CLOT.	43.283	313.751737	0.000	718271.336	4370312.858	283.073518	258.802	384.034187	169.083808	72.058	70.044478	402.584
CLOT.	44.579	314.135559	0.000	718270.071	4370313.139	283.221432	259.949	384.182101	169.966174	71.225	70.926843	402.587
CLOT.	46.966	314.867858	0.000	718267.746	4370313.678	283.494954	262.056	384.455623	171.633931	69.713	72.594601	402.591
CLOT.	49.131	315.560737	0.000	718265.643	4370314.190	283.744506	263.960	384.705175	173.196226	68.364	74.156895	402.594
CIRC.	50.659	316.066015	0.000	718264.161	4370314.566	283.921504	265.299	384.882173	174.327718	67.426	75.288387	402.595
CIRC.	51.120	316.220519	0.000	718263.715	4370314.682	283.975067	265.702	384.935737	174.673947	67.146	75.634616	402.596
CIRC.	52.967	316.839251	0.000	718261.930	4370315.156	284.190282	267.314	385.150952	176.083229	66.034	77.043899	402.598
CIRC.	54.697	317.419090	0.000	718260.262	4370315.616	284.392992	268.820	385.353661	177.437816	65.008	78.398485	402.599
CIRC.	56.331	317.966563	0.000	718258.691	4370316.064	284.585277	270.236	385.545946	178.747823	64.056	79.708492	402.600
CIRC.	57.883	318.486531	0.000	718257.202	4370316.502	284.768687	271.578	385.729357	180.020702	63.167	80.981372	402.600
CIRC.	59.364	318.982761	0.000	718255.785	4370316.932	284.944426	272.854	385.905095	181.262200	62.333	82.222869	402.600
CIRC.	60.000	319.195796	0.000	718255.177	4370317.120	285.020078	273.401	385.980748	181.803344	61.979	82.764013	402.600
CIRC.	60.783	319.458230	0.000	718254.430	4370317.354	285.113443	274.073	386.074112	182.476805	61.547	83.437474	402.600
CIRC.	61.472	319.688953	0.000	718253.774	4370317.562	285.195678	274.664	386.156348	183.075186	61.171	84.035855	402.600
CIRC.	63.411	320.338696	0.000	718251.929	4370318.162	285.428024	276.322	386.388693	184.792460	60.130	85.753129	402.600
CIRC.	65.254	320.956273	0.000	718250.182	4370318.749	285.649888	277.892	386.610557	186.469556	59.166	87.430225	402.599
CIRC.	66.172	321.263795	0.000	718249.315	4370319.048	285.760730	278.671	386.721399	187.321266	58.696	88.281935	402.598
CIRC.	67.491	321.705793	0.000	718248.070	4370319.485	285.920460	279.789	386.881129	188.565032	58.033	89.525701	402.597

CIRC.	80.000	325.897057	0.000	718236.427	4370324.053	287.458341	290.231	388.419010	201.544577	52.547	102.505247	402.645
CLOT.	87.708	328.479612	0.000	718229.412	4370327.245	288.425303	296.519	389.385972	210.597156	50.031	111.557825	402.721
CLOT.	100.000	332.162063	0.000	718218.496	4370332.892	289.989990	306.327	390.950660	226.365938	47.727	127.326607	402.918

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 159 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 1

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 105.328 Dis= 47.483 K : 1.000000000
Distancia: 271.518 Azimut: 319.529515
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 306.749 Dis= -68.974 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	100.000	332.162063	0.000	718218.496	4370332.892	226.365938	47.727	306.836423	130.751311	270.596	11.221797	402.918
CLOT.	120.000	336.288859	0.000	718201.351	4370343.184	252.691586	49.365	333.162072	130.458935	250.635	10.929421	403.433
CLOT.	140.000	338.105923	0.000	718184.703	4370354.266	274.626820	57.506	355.097306	129.859440	230.764	10.329925	404.190
RECTA	145.734	338.200849	0.000	718179.970	4370357.502	279.677760	60.804	360.148245	129.648346	225.080	10.118832	404.452
RECTA	149.991	338.200849	0.000	718176.456	4370359.906	283.074401	63.476	363.544886	129.483992	220.862	9.954477	404.660
RECTA	160.000	338.200849	0.000	718168.196	4370365.558	289.984410	70.375	370.454895	129.071697	210.952	9.542182	405.160
RECTA	180.000	338.200849	0.000	718151.690	4370376.852	300.198090	86.013	380.668575	128.119890	191.178	8.590376	406.160
RECTA	200.000	338.200849	0.000	718135.184	4370388.145	307.149225	103.168	387.619710	126.948819	171.457	7.419305	407.160
RECTA	220.000	338.200849	0.000	718118.678	4370399.439	312.077447	121.199	392.547933	125.474008	151.810	5.944494	408.160
RECTA	240.000	338.200849	0.000	718102.171	4370410.733	315.713545	139.767	396.184030	123.562108	132.268	4.032593	409.160
RECTA	257.553	338.200849	0.000	718087.685	4370420.645	318.186492	156.354	398.656977	121.351691	115.246	1.822176	410.038
RECTA	260.000	338.200849	0.000	718085.665	4370422.027	318.490102	158.683	398.960587	120.990666	112.886	1.461151	410.158
RECTA	280.000	338.200849	0.000	718069.159	4370433.321	320.672014	177.836	1.142499	117.362329	93.765	397.832814	410.943
RECTA	295.833	338.200849	0.000	718056.093	4370442.261	322.091122	193.120	2.561607	113.254051	78.937	393.724536	411.320
RECTA	300.000	338.200849	0.000	718052.653	4370444.614	322.428007	197.158	2.898492	111.904868	75.103	392.375354	411.391
RECTA	306.749	338.200849	0.000	718047.083	4370448.426	322.945280	203.708	3.415766	109.403603	68.974	389.874089	411.506

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 160 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 0.000 Dis= -78.154 K : 1.000000000
Distancia: 228.305 Azimut: 126.207092
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 136.815 Dis=-161.143 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	0.000	133.202570	0.000	717737.585	4370478.646	226.894197	78.154	100.687105	305.283180	242.108	379.076089	407.841
CLOT.	0.528	133.203458	0.000	717738.043	4370478.383	226.466190	78.208	100.259098	305.224065	241.630	379.016973	407.845
CLOT.	2.219	133.218250	0.000	717739.509	4370477.540	225.100667	78.405	98.893575	305.033244	240.101	378.826152	407.857
CLOT.	3.708	133.246341	0.000	717740.800	4370476.798	223.904700	78.608	97.697608	304.863106	238.756	378.656014	407.867
CLOT.	5.468	133.297753	0.000	717742.325	4370475.919	222.499526	78.885	96.292434	304.659219	237.170	378.452127	407.880
CLOT.	7.683	133.390487	0.000	717744.243	4370474.811	220.746516	79.291	94.539425	304.398107	235.178	378.191015	407.895
CLOT.	9.255	133.475230	0.000	717745.603	4370474.023	219.514545	79.617	93.307453	304.209598	233.768	378.002506	407.906
CLOT.	11.602	133.631046	0.000	717747.632	4370472.843	217.695566	80.163	91.488474	303.922770	231.668	377.715678	407.922
CLOT.	13.404	133.774453	0.000	717749.187	4370471.933	216.317658	80.630	90.110567	303.697979	230.061	377.490887	407.935
CLOT.	14.902	133.909431	0.000	717750.478	4370471.174	215.185191	81.050	88.978099	303.507849	228.729	377.300757	407.945
CLOT.	16.200	134.037951	0.000	717751.596	4370470.514	214.214202	81.437	88.007110	303.340624	227.577	377.133532	407.955
CLOT.	18.401	134.280328	0.000	717753.487	4370469.389	212.591453	82.142	86.384361	303.051665	225.632	376.844573	407.971
CLOT.	20.000	134.475809	0.000	717754.859	4370468.566	211.431573	82.692	85.224481	302.837151	224.224	376.630059	407.982
CLOT.	20.250	134.507791	0.000	717755.073	4370468.438	211.252058	82.781	85.044967	302.803311	224.004	376.596219	407.984
CLOT.	21.862	134.723908	0.000	717756.453	4370467.604	210.102869	83.373	83.895777	302.582366	222.591	376.375274	407.996
CLOT.	23.302	134.930898	0.000	717757.682	4370466.855	209.092009	83.929	82.884917	302.381463	221.333	376.174371	408.007
CLOT.	24.609	135.130298	0.000	717758.797	4370466.171	208.187077	84.455	81.979985	302.195988	220.194	375.988896	408.017
CLOT.	25.813	135.323522	0.000	717759.821	4370465.538	207.365094	84.959	81.158002	302.022569	219.150	375.815477	408.026
CLOT.	26.928	135.510651	0.000	717760.768	4370464.950	206.613864	85.440	80.406772	301.859684	218.186	375.652592	408.035
CLOT.	27.971	135.692922	0.000	717761.652	4370464.396	205.919614	85.904	79.712522	301.705189	217.286	375.498097	408.043
CLOT.	29.882	136.044793	0.000	717763.267	4370463.376	204.670132	86.787	78.463041	301.416810	215.646	375.209718	408.059
CLOT.	31.606	136.382244	0.000	717764.720	4370462.447	203.567996	87.619	77.360904	301.150442	214.175	374.943350	408.073
CLOT.	33.183	136.707529	0.000	717766.044	4370461.591	202.581182	88.411	76.374090	300.901453	212.837	374.694361	408.087
CLOT.	33.394	136.752174	0.000	717766.221	4370461.476	202.450949	88.519	76.243857	300.867804	212.659	374.660712	408.089
CLOT.	34.925	137.085108	0.000	717767.502	4370460.637	201.515749	89.317	75.308657	300.620422	211.368	374.413330	408.102
CLOT.	36.348	137.408027	0.000	717768.688	4370459.851	200.664131	90.083	74.457039	300.385843	210.176	374.178751	408.115
CLOT.	37.681	137.722134	0.000	717769.796	4370459.109	199.882347	90.820	73.675255	300.162043	209.065	373.954951	408.127
CLOT.	38.937	138.028376	0.000	717770.836	4370458.405	199.159931	91.532	72.952839	299.947482	208.024	373.740390	408.139
CLOT.	40.000	138.295528	0.000	717771.714	4370457.806	198.558952	92.147	72.351860	299.762909	207.148	373.555817	408.149
CLOT.	41.256	138.620325	0.000	717772.747	4370457.092	197.861855	92.889	71.654764	299.541416	206.118	373.334324	408.161
CLOT.	43.366	139.188735	0.000	717774.476	4370455.882	196.721552	94.172	70.514460	299.160457	204.402	372.953365	408.182
CLOT.	45.309	139.737187	0.000	717776.057	4370454.753	195.706193	95.393	69.499101	298.799676	202.839	372.592585	408.203
CLOT.	47.115	140.268374	0.000	717777.518	4370453.691	194.792464	96.560	68.585373	298.455555	201.401	372.248463	408.222
CLOT.	48.805	140.784385	0.000	717778.877	4370452.687	193.963165	97.681	67.756073	298.125486	200.070	371.918394	408.241
CLOT.	50.396	141.286925	0.000	717780.149	4370451.731	193.205138	98.760	66.998046	297.807449	198.829	371.600357	408.259
CLOT.	51.902	141.777352	0.000	717781.346	4370450.816	192.508174	99.803	66.301082	297.499881	197.667	371.292789	408.276
CIRC.	52.632	142.020018	0.000	717781.923	4370450.370	192.177787	100.315	65.970695	297.348605	197.108	371.141513	408.285
CIRC.	60.000	144.488904	0.000	717787.655	4370445.741	189.093272	105.736	62.886180	295.732483	191.636	369.525391	408.374
CIRC.	80.000	151.190164	0.000	717802.262	4370432.093	182.800493	122.272	56.593401	290.523279	178.573	364.316187	408.614
CIRC.	100.000	157.891425	0.000	717815.354	4370416.986	178.910371	140.587	52.703279	284.142476	168.713	357.935384	408.854
CIRC.	120.000	164.592686	0.000	717826.786	4370400.587	176.729387	159.907	50.522295	276.807310	162.755	350.600218	409.094

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 160 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 136.815 Dis=-161.143 K : 1.000000000
Distancia: 271.518 Azimut: 119.529515
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 200.488 Dis=-387.344 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	120.000	164.592686	0.000	717826.786	4370400.587	276.807310	162.755	157.277795	303.714429	411.616	384.184915	409.094
CIRC.	140.000	171.293947	0.000	717836.433	4370383.077	268.969114	161.201	149.439599	301.030051	401.322	381.500537	409.334
CIRC.	160.000	177.995207	0.000	717844.186	4370364.651	261.229879	164.193	141.700365	298.070111	393.697	378.540596	409.574
CIRC.	176.429	183.500078	0.000	717849.077	4370348.972	255.353362	169.873	135.823848	295.484392	389.604	375.954877	409.771
CIRC.	180.000	184.696468	0.000	717849.960	4370345.512	254.160422	171.461	134.630908	294.909336	388.985	375.379822	409.815
CIRC.	200.000	191.397729	0.000	717853.691	4370325.873	248.140227	182.421	128.610712	291.641390	387.345	372.111875	410.095

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 160 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 200.488 Dis=-387.344 K : 1.000000000
Distancia: 283.374 Azimut: 99.039331
BO : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 405.417 Dis=-667.664 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	200.000	191.397729	0.000	717853.691	4370325.873	291.641390	387.345	192.602059	294.766340	669.614	395.727010	410.095
CIRC.	220.000	198.098990	0.000	717855.339	4370305.950	288.370843	388.833	189.331512	292.866314	669.907	393.826983	410.435
CLOT.	222.952	199.088193	0.000	717855.404	4370302.999	287.894288	389.316	188.854957	292.587004	670.179	393.547674	410.491
CLOT.	240.000	203.875164	0.000	717854.966	4370285.961	285.198833	393.319	186.159503	290.990397	672.805	391.951066	410.835
CLOT.	243.429	204.614595	0.000	717854.737	4370282.539	284.669810	394.343	185.630479	290.673258	673.522	391.633927	410.910
CLOT.	260.000	207.132604	0.000	717853.173	4370266.043	282.179593	400.102	183.140262	289.161534	677.669	390.122204	411.274
CLOT.	275.584	207.905641	0.000	717851.305	4370250.572	279.930849	406.425	180.891518	287.768243	682.294	388.728913	411.617
CLOT.	276.026	207.903910	0.000	717851.250	4370250.133	279.868160	406.614	180.828829	287.729018	682.432	388.689687	411.627
CLOT.	280.000	207.733204	0.000	717850.762	4370246.189	279.307460	408.320	180.268130	287.377310	683.677	388.337979	411.710
CLOT.	300.000	202.634540	0.000	717848.951	4370226.277	276.512710	416.797	177.473380	285.607881	689.641	386.568550	411.995
CLOT.	315.626	193.728508	0.000	717849.309	4370210.668	274.298280	422.348	175.258949	284.202860	692.960	385.163529	412.062
CIRC.	317.937	192.045218	0.000	717849.566	4370208.371	273.965299	423.019	174.925968	283.992672	693.278	384.953341	412.061
CIRC.	320.000	190.499962	0.000	717849.848	4370206.328	273.666604	423.577	174.627274	283.804520	693.517	384.765190	412.057
CIRC.	339.026	176.249943	0.000	717854.750	4370187.985	270.866993	426.874	171.827662	282.061782	693.648	383.022451	411.910
CIRC.	340.000	175.520673	0.000	717855.110	4370187.080	270.722257	426.952	171.682927	281.972825	693.555	382.933495	411.898
CIRC.	344.831	171.902210	0.000	717857.049	4370182.656	270.003177	427.206	170.963846	281.532756	692.946	382.493425	411.835
CIRC.	360.000	160.541384	0.000	717864.715	4370169.590	267.745917	426.575	168.706586	280.174220	689.495	381.134889	411.705
CIRC.	366.931	155.350096	0.000	717868.966	4370164.118	266.721545	425.567	167.682214	279.570972	687.155	380.531642	411.691
CIRC.	380.000	145.562095	0.000	717878.132	4370154.820	264.817683	422.457	165.778353	278.476635	681.491	379.437304	411.741
RECTA	387.362	140.048041	0.000	717883.890	4370150.236	263.768121	420.019	164.728790	277.890892	677.608	378.851561	411.814
RECTA	400.000	140.048041	0.000	717894.109	4370142.800	261.964781	415.586	162.925450	276.896927	670.612	377.857597	412.013
RECTA	400.931	140.048041	0.000	717894.862	4370142.252	261.830390	415.272	162.791059	276.822864	670.103	377.783533	412.031
RECTA	405.417	140.048041	0.000	717898.489	4370139.613	261.180233	413.789	162.140903	276.464538	667.664	377.425207	412.121

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 161 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 0.000 Dis=-253.863 K : 1.000000000
Distancia: 271.518 Azimut: 319.529515
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 26.235 Dis= -12.621 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	292.315550	0.000	718003.385	4370474.265	325.144462	253.863	5.614947	63.770599	29.113	344.241085	411.500
RECTA	14.020	292.315550	0.000	717989.466	4370472.577	323.490533	266.150	3.961019	41.275078	17.564	321.745563	411.220
RECTA	20.000	292.315550	0.000	717983.530	4370471.857	322.830880	271.441	3.301365	21.528015	14.077	301.998500	411.093

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 161 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 26.235 Dis= -12.621 K : 1.000000000
Distancia: 228.305 Azimut: 326.207092
BO : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 274.642 Dis= 69.297 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	20.000	292.315550	0.000	717983.530	4370471.857	21.528015	14.077	95.320923	122.279574	227.705	396.072482	411.093
RECTA	40.000	292.315550	0.000	717963.676	4370469.448	339.556842	18.675	13.349750	125.028956	210.075	398.821864	410.565
RECTA	60.000	292.315550	0.000	717943.821	4370467.040	315.087680	36.046	388.880588	128.274653	192.909	2.067561	409.877
RECTA	64.020	292.315550	0.000	717939.830	4370466.556	312.837757	39.837	386.630666	128.997541	189.525	2.790449	409.720
RECTA	80.000	292.315550	0.000	717923.967	4370464.632	306.993792	55.226	380.786700	132.141967	176.341	5.934875	409.080
RECTA	94.631	292.315550	0.000	717909.442	4370462.870	303.932104	69.551	377.725012	135.455049	164.703	9.247957	408.495
RECTA	100.000	292.315550	0.000	717904.112	4370462.224	303.103296	74.837	376.896205	136.789832	160.556	10.582741	408.289
CLOT.	108.048	292.315550	0.000	717896.123	4370461.255	302.059495	82.780	375.852403	138.923239	154.480	12.716148	408.013
CLOT.	120.000	292.727998	0.000	717884.255	4370459.841	300.850474	94.614	374.643382	142.405257	145.791	16.198165	407.675
CLOT.	140.000	295.263187	0.000	717864.351	4370457.897	299.622134	114.511	373.415042	149.082750	132.069	22.875658	407.304
CLOT.	160.000	300.108107	0.000	717844.371	4370457.110	299.305684	134.497	373.098592	156.841123	119.172	30.634031	407.175
CLOT.	160.631	300.298556	0.000	717843.740	4370457.112	299.309875	135.128	373.102783	157.103873	118.775	30.896781	407.175
CIRC.	166.074	302.036786	0.000	717838.298	4370457.211	299.381247	140.569	373.174156	159.416897	115.379	33.209805	407.184
CIRC.	170.531	303.530143	0.000	717833.845	4370457.406	299.485757	145.019	373.278665	161.374201	112.625	35.167109	407.205
CIRC.	180.000	306.702848	0.000	717824.408	4370458.166	299.830475	154.453	373.623383	165.737836	106.871	39.530744	407.262
CIRC.	200.000	313.404109	0.000	717804.666	4370461.310	300.998568	174.215	374.791476	176.030423	95.295	49.823332	407.382
CIRC.	215.188	318.492948	0.000	717789.956	4370465.074	302.188565	189.015	375.981473	185.031006	87.256	58.823914	407.473
CIRC.	218.221	319.509424	0.000	717787.057	4370465.966	302.451207	191.946	376.244115	186.970360	85.753	60.763268	407.488
CIRC.	220.000	320.105369	0.000	717785.364	4370466.510	302.608642	193.659	376.401550	188.130723	84.890	61.923631	407.496
CIRC.	221.359	320.560629	0.000	717784.074	4370466.937	302.730575	194.966	376.523483	189.028986	84.240	62.821894	407.502
CIRC.	224.828	321.723151	0.000	717780.794	4370468.068	303.048244	198.294	376.841152	191.369971	82.619	65.162879	407.514
CIRC.	228.765	323.042075	0.000	717777.098	4370469.424	303.419142	202.053	377.212051	194.109679	80.851	67.902587	407.523
CLOT.	229.034	323.132362	0.000	717776.846	4370469.519	303.444924	202.310	377.237832	194.300530	80.733	68.093438	407.523
CLOT.	233.418	324.545711	0.000	717772.766	4370471.123	303.870732	206.475	377.663640	197.465962	78.868	71.258870	407.528
CLOT.	239.264	326.257968	0.000	717767.380	4370473.396	304.453678	211.999	378.246586	201.869375	76.566	75.662283	407.526
CLOT.	240.000	326.459446	0.000	717766.707	4370473.692	304.527960	212.691	378.320868	202.438397	76.293	76.231306	407.525
CLOT.	240.997	326.727409	0.000	717765.796	4370474.096	304.628855	213.629	378.421764	203.214607	75.930	77.007515	407.524
CLOT.	244.586	327.644816	0.000	717762.529	4370475.583	304.994260	216.998	378.787169	206.060303	74.684	79.853211	407.518
CLOT.	249.117	328.696909	0.000	717758.435	4370477.524	305.458729	221.238	379.251637	209.764445	73.265	83.557353	407.506
CLOT.	251.999	329.304308	0.000	717755.847	4370478.792	305.754876	223.927	379.547785	212.182078	72.460	85.974986	407.496
CLOT.	255.653	330.005556	0.000	717752.582	4370480.433	306.130177	227.331	379.923085	215.312532	71.555	89.105440	407.481
CLOT.	260.000	330.739426	0.000	717748.721	4370482.430	306.574910	231.372	380.367818	219.122258	70.663	92.915166	407.460
CLOT.	260.982	330.890018	0.000	717747.852	4370482.887	306.674884	232.284	380.467792	219.993854	70.490	93.786762	407.455
CLOT.	265.474	331.508315	0.000	717743.888	4370485.002	307.129610	236.453	380.922518	224.028467	69.843	97.821375	407.431
CLOT.	269.580	331.971341	0.000	717740.283	4370486.966	307.539839	240.260	381.332747	227.765131	69.466	101.558039	407.406
CLOT.	274.820	332.421049	0.000	717735.699	4370489.506	308.054191	245.120	381.847099	232.572557	69.298	106.365465	407.372
CLOT.	279.561	332.691220	0.000	717731.565	4370491.826	308.508485	249.520	382.301393	236.920809	69.460	110.713717	407.338
CIRC.	279.693	332.696896	0.000	717731.450	4370491.891	308.520991	249.643	382.313899	237.041727	69.469	110.834635	407.337

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 161 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 2

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B21                  X:  717769.628  Y: 4370549.929  Z: 405.207  PK:     274.642 Dis=  69.297  K : 1.000000000
                                                                       Distancia:   188.575  Azimut: 342.729158
 BO : B22                  X:  717621.958  Y: 4370667.207  Z: 402.525  PK:     279.693 Dis= 206.698  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	260.000	330.739426	0.000	717748.721	4370482.430	219.122258	70.663	276.393100	161.720706	224.079	18.991547	407.460
CLOT.	260.982	330.890018	0.000	717747.852	4370482.887	219.993854	70.490	277.264695	161.851335	223.211	19.122177	407.455
CLOT.	265.474	331.508315	0.000	717743.888	4370485.002	224.028467	69.843	281.299308	162.455337	219.238	19.726179	407.431
CLOT.	269.580	331.971341	0.000	717740.283	4370486.966	227.765131	69.466	285.035973	163.017591	215.610	20.288432	407.406
CLOT.	274.820	332.421049	0.000	717735.699	4370489.506	232.572557	69.298	289.843399	163.753350	210.985	21.024191	407.372
CLOT.	279.561	332.691220	0.000	717731.565	4370491.826	236.920809	69.460	294.191650	164.439966	206.814	21.710807	407.338
CIRC.	279.693	332.696896	0.000	717731.450	4370491.891	237.041727	69.469	294.312569	164.459444	206.698	21.730286	407.337
CIRC.	279.693	332.696896	0.000	717731.450	4370491.891	237.041727	69.469	294.312569	164.459444	206.698	21.730286	407.337

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 162 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B25                  X:  717189.695  Y: 4370660.161  Z: 410.467  PK:      78.046 Dis=-754.395  K : 1.000000000
                                                                       Distancia:   171.415  Azimut: 123.692746
 BO : B24                  X:  717349.375  Y: 4370597.829  Z: 411.470  PK:      79.909 Dis=-583.768  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	7.905641	0.000	717851.305	4370250.572	135.289782	778.133	11.597036	138.530209	610.345	214.837463	411.617
RECTA	10.000	7.905641	0.000	717852.544	4370260.495	134.542202	774.017	10.849456	137.598539	605.783	213.905793	411.397
RECTA	20.000	7.905641	0.000	717853.782	4370270.418	133.786733	770.008	10.093986	136.652936	601.353	212.960190	411.181
RECTA	20.000	7.905641	0.000	717853.782	4370270.418	133.786733	770.008	10.093986	136.652936	601.353	212.960190	411.181
CLOT.	28.516	7.905641	0.000	717854.837	4370278.868	133.137258	766.680	9.444512	135.836802	597.686	212.144056	411.006
CLOT.	30.000	7.925125	0.000	717855.021	4370280.341	133.023460	766.109	9.330714	135.693504	597.057	212.000758	410.975
CLOT.	40.000	9.071829	0.000	717856.329	4370290.255	132.250344	762.386	8.557598	134.717364	592.962	211.024618	410.803
CLOT.	43.631	9.925712	0.000	717856.868	4370293.845	131.965894	761.122	8.273148	134.356960	591.570	210.664214	410.741
CLOT.	60.000	16.670402	0.000	717860.161	4370309.872	130.650104	756.457	6.957357	132.680282	586.363	208.987536	410.451
CIRC.	70.868	23.766065	0.000	717863.525	4370320.201	129.746473	754.732	6.053727	131.519939	584.318	207.827192	410.249

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 162 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B24                  X:  717349.375  Y: 4370597.829  Z: 411.470  PK:      79.909 Dis=-583.768  K : 1.000000000
                                                                       Distancia:   407.285  Azimut: 348.712940
 BO : B26                  X:  717055.618  Y: 4370879.942  Z: 408.281  PK:      89.075 Dis=-980.757  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	60.000	16.670402	0.000	717860.161	4370309.872	132.680282	586.363	183.967342	139.244449	986.037	390.531509	410.451
CIRC.	70.868	23.766065	0.000	717863.525	4370320.201	131.519939	584.318	182.806998	138.572589	982.865	389.859649	410.249
CIRC.	80.000	30.605246	0.000	717867.305	4370328.508	130.526860	583.768	181.813919	137.989894	981.283	389.276953	410.074

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 162 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B26                  X:  717055.618  Y: 4370879.942  Z: 408.281  PK:      89.075 Dis=-980.757  K : 1.000000000
                                                                       Distancia:   478.189  Azimut: 128.397883
 BO : B23                  X:  717487.015  Y: 4370673.639  Z: 405.931  PK:      98.707 Dis=-511.167  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	80.000	30.605246	0.000	717867.305	4370328.508	137.989894	981.283	9.592011	146.916857	513.552	218.518974	410.074

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 162 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 4

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B23                  X:  717487.015  Y: 4370673.639  Z: 405.931  PK:      98.707 Dis=-511.167  K : 1.000000000
                                                                       Distancia:   135.096  Azimut: 103.032126
 BO : B22                  X:  717621.958  Y: 4370667.207  Z: 402.525  PK:     112.850 Dis=-410.727  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	80.000	30.605246	0.000	717867.305	4370328.508	146.916857	513.552	43.884732	160.090108	418.225	257.057982	410.074
CIRC.	100.000	45.584534	0.000	717878.546	4370344.995	144.455015	511.178	41.422889	157.187305	411.896	254.155179	409.672

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 162 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B22 X: 717621.958 Y: 4370667.207 Z: 402.525 PK: 112.850 Dis=-410.727 K : 1.000000000
Distancia: 188.575 Azimut: 142.729158
BO : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 122.849 Dis=-227.927 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	100.000	45.584534	0.000	717878.546	4370344.995	157.187305	411.896	14.458146	168.900427	232.080	226.171269	409.672
CIRC.	120.000	60.563823	0.000	717893.320	4370358.407	154.102454	411.090	11.373296	163.493509	227.992	220.764351	409.245
CIRC.	120.386	60.852766	0.000	717893.635	4370358.630	154.043038	411.130	11.313879	163.385881	227.976	220.656723	409.236

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 162 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 122.849 Dis=-227.927 K : 1.000000000
Distancia: 228.305 Azimut: 126.207092
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 191.358 Dis= -88.134 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	120.000	60.563823	0.000	717893.320	4370358.407	163.493509	227.992	37.286418	244.995126	131.724	318.788034	409.245
CIRC.	120.386	60.852766	0.000	717893.635	4370358.630	163.385881	227.976	37.178789	244.949441	131.350	318.742350	409.236
CIRC.	140.000	75.543112	0.000	717910.814	4370368.005	157.984478	230.282	31.777386	241.019305	113.285	314.812213	408.805
CIRC.	160.000	90.522401	0.000	717930.063	4370373.260	153.063314	238.644	26.856222	233.074946	98.286	306.867855	408.365
CLOT.	179.745	105.310417	0.000	717949.753	4370373.905	149.266986	251.852	23.059894	221.079060	89.535	294.871968	407.931
CLOT.	180.000	105.501113	0.000	717950.007	4370373.883	149.225978	252.049	23.018886	220.902829	89.473	294.695737	407.925
CLOT.	180.247	105.684148	0.000	717950.253	4370373.862	149.186584	252.240	22.979493	220.732314	89.415	294.525222	407.919
CLOT.	182.942	107.615004	0.000	717952.934	4370373.580	148.768674	254.362	22.561582	218.847825	88.863	292.640733	407.865
CLOT.	183.577	108.050639	0.000	717953.563	4370373.502	148.673676	254.870	22.466584	218.399656	88.756	292.192564	407.852
CLOT.	184.907	108.941379	0.000	717954.882	4370373.325	148.478408	255.945	22.271316	217.454667	88.559	291.247575	407.826
CLOT.	186.333	109.860984	0.000	717956.292	4370373.116	148.275104	257.112	22.068013	216.436068	88.391	290.228976	407.800
CLOT.	187.872	110.813771	0.000	717957.811	4370372.867	148.062213	258.388	21.855121	215.330544	88.257	289.123452	407.772
CLOT.	189.552	111.805245	0.000	717959.464	4370372.570	147.837639	259.796	21.630548	214.120288	88.167	287.913197	407.743
CLOT.	191.408	112.842882	0.000	717961.285	4370372.213	147.598392	261.373	21.391300	212.780224	88.134	286.573132	407.712
CLOT.	193.495	113.937118	0.000	717963.327	4370371.777	147.339999	263.168	21.132907	211.273303	88.179	285.066211	407.678
CLOT.	195.903	115.103876	0.000	717965.672	4370371.232	147.055156	265.266	20.848064	209.539899	88.335	283.332808	407.642
CLOT.	197.272	115.721678	0.000	717967.002	4370370.903	146.899159	266.471	20.692067	208.558601	88.472	282.351509	407.622
CLOT.	198.257	116.145418	0.000	717967.956	4370370.659	146.789545	267.342	20.582454	207.855679	88.591	281.648587	407.608
CLOT.	199.873	116.803697	0.000	717969.518	4370370.246	146.614090	268.779	20.406998	206.707862	88.824	280.500770	407.585

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 162 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 4

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 191.358 Dis= -88.134 K : 1.000000000
Distancia: 271.518 Azimut: 119.529515
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 222.098 Dis=-247.369 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	180.000	105.501113	0.000	717950.007	4370373.883	220.902829	89.473	101.373315	299.402435	287.707	379.872920	407.925
CLOT.	180.247	105.684148	0.000	717950.253	4370373.862	220.732314	89.415	101.202799	299.397133	287.462	379.867618	407.919
CLOT.	182.942	107.615004	0.000	717952.934	4370373.580	218.847825	88.863	99.318311	299.328531	284.784	379.799017	407.865
CLOT.	183.577	108.050639	0.000	717953.563	4370373.502	218.399656	88.756	98.870142	299.309603	284.155	379.780089	407.852
CLOT.	184.907	108.941379	0.000	717954.882	4370373.325	217.454667	88.559	97.925153	299.266525	282.839	379.737010	407.826
CLOT.	186.333	109.860984	0.000	717956.292	4370373.116	216.436068	88.391	96.906553	299.215389	281.431	379.685875	407.800
CLOT.	187.872	110.813771	0.000	717957.811	4370372.867	215.330544	88.257	95.801030	299.154507	279.915	379.624992	407.772
CLOT.	189.552	111.805245	0.000	717959.464	4370372.570	214.120288	88.167	94.590774	299.081571	278.267	379.552057	407.743
CLOT.	191.408	112.842882	0.000	717961.285	4370372.213	212.780224	88.134	93.250709	298.993281	276.451	379.463767	407.712
CLOT.	193.495	113.937118	0.000	717963.327	4370371.777	211.273303	88.179	91.743788	298.884666	274.417	379.355151	407.678
CLOT.	195.903	115.103876	0.000	717965.672	4370371.232	209.539899	88.335	90.010385	298.747595	272.082	379.218080	407.642
CLOT.	197.272	115.721678	0.000	717967.002	4370370.903	208.558601	88.472	89.029086	298.664248	270.760	379.134734	407.622
CLOT.	198.257	116.145418	0.000	717967.956	4370370.659	207.855679	88.591	88.326164	298.601984	269.811	379.072469	407.608
CLOT.	199.873	116.803697	0.000	717969.518	4370370.246	206.707862	88.824	87.178347	298.495692	268.259	378.966178	407.585
CLOT.	200.000	116.853302	0.000	717969.640	4370370.213	206.618305	88.844	87.088791	298.487157	268.137	378.957642	407.584
CLOT.	201.731	117.503255	0.000	717971.309	4370369.751	205.399016	89.146	85.869501	298.367449	266.481	378.837935	407.561
CLOT.	202.783	117.872438	0.000	717972.321	4370369.462	204.663241	89.354	85.133726	298.292035	265.477	378.762521	407.547
CLOT.	203.946	118.257586	0.000	717973.437	4370369.137	203.855433	89.604	84.325918	298.206461	264.370	378.676947	407.532
CLOT.	205.254	118.662271	0.000	717974.690	4370368.763	202.953641	89.911	83.424126	298.107472	263.128	378.577957	407.516
CLOT.	206.763	119.091646	0.000	717976.133	4370368.322	201.922737	90.296	82.393222	297.989797	261.699	378.460282	407.498
CLOT.	208.575	119.553905	0.000	717977.862	4370367.780	200.699671	90.802	81.170157	297.843879	259.989	378.314364	407.476
CLOT.	210.915	120.065208	0.000	717980.090	4370367.063	199.144230	91.522	79.614715	297.648299	257.788	378.118784	407.449
CLOT.	212.455	120.348669	0.000	717981.553	4370366.583	198.137105	92.034	78.607591	297.515626	256.344	377.986111	407.432
CLOT.	214.521	120.663314	0.000	717983.513	4370365.928	196.805450	92.765	77.275936	297.332857	254.412	377.803342	407.409
CLOT.	215.967	120.838555	0.000	717984.883	4370365.465	195.887836	93.306	76.358322	297.202030	253.064	377.672516	407.393
CLOT.	218.208	121.037086	0.000	717987.004	4370364.741	194.488902	94.188	74.959387	296.994913	250.978	377.465399	407.369
CLOT.	220.000	121.131938	0.000	717988.698	4370364.159	193.390590	94.930	73.861076	296.825852	249.314	377.296337	407.349
CLOT.	220.529	121.149073	0.000	717989.198	4370363.986	193.070046	95.154	73.540531	296.775450	248.824	377.245935	407.344
CIRC.	222.098	121.170841	0.000	717990.681	4370363.474	192.127573	95.835	72.598058	296.624515	247.369	377.095001	407.327
CIRC.	222.098	121.170841	0.000	717990.681	4370363.474	192.127573	95.835	72.598058	296.624515	247.369	377.095001	407.327

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 163 (Derecha): VIA DE SERVICIO M.D. (2)

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B14 X: 719333.446 Y: 4370606.759 Z: 400.027 PK: 0.000 Dis=-185.805 K : 1.000000000
Distancia: 211.257 Azimut: 283.325031
BO : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 11.483 Dis= 62.676 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	259.585741	0.000	719175.809	4370508.403	264.487001	185.805	381.161071	148.050203	63.719	64.724272	401.960

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 163 (Derecha): VIA DE SERVICIO M.D. (2)

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 11.483 Dis= 62.676 K : 1.000000000
Distancia: 190.802 Azimut: 281.452411
BO : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 226.007 Dis= 76.951 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	259.585741	0.000	719175.809	4370508.403	148.050203	63.719	266.597792	96.904909	229.447	15.452499	401.960
CLOT.	12.534	259.585741	0.000	719165.716	4370500.969	160.653760	62.685	279.201349	98.919885	219.115	17.467475	402.211
CLOT.	20.000	259.804769	0.000	719159.700	4370496.549	168.185455	63.243	286.733044	100.210075	213.068	18.757664	402.360
CLOT.	40.000	262.550194	0.000	719143.354	4370485.028	186.928548	68.468	305.476137	103.950801	197.100	22.498390	402.760
CLOT.	60.000	268.439421	0.000	719126.269	4370474.644	202.568525	77.477	321.116114	107.970182	181.053	26.517771	403.160
CIRC.	63.159	269.657265	0.000	719123.476	4370473.168	204.766803	79.112	323.314392	108.617142	178.475	27.164731	403.223
CLOT.	67.877	271.534398	0.000	719119.253	4370471.065	207.930068	81.625	326.477658	109.584528	174.595	28.132117	403.318
CLOT.	80.000	275.780409	0.000	719108.148	4370466.209	215.445058	88.439	333.992647	112.088502	164.471	30.636091	403.560
CLOT.	100.000	280.260658	0.000	719089.304	4370459.519	226.025935	100.850	344.573524	116.460211	147.576	35.007800	403.960
RECTA	118.502	281.605922	0.000	719071.607	4370454.122	233.936538	113.713	352.484127	121.155586	132.207	39.703175	404.330
RECTA	120.000	281.605922	0.000	719070.171	4370453.696	234.501938	114.815	353.049527	121.579306	130.992	40.126895	404.360
RECTA	140.000	281.605922	0.000	719051.000	4370447.997	241.102697	130.286	359.650286	128.071685	115.406	46.619274	404.760
RECTA	152.844	281.605922	0.000	719038.689	4370444.337	244.554203	140.823	363.101792	133.211855	106.180	51.759445	405.017
RECTA	160.000	281.605922	0.000	719031.829	4370442.298	246.259781	146.854	364.807370	136.470049	101.382	55.017638	405.155
RECTA	180.000	281.605922	0.000	719012.658	4370436.600	250.350327	164.189	368.897916	147.301476	89.655	65.849065	405.486
RECTA	200.000	281.605922	0.000	718993.487	4370430.901	253.648875	182.070	372.196464	160.857671	81.226	79.405261	405.738
RECTA	220.000	281.605922	0.000	718974.316	4370425.203	256.351622	200.353	374.899211	176.646690	77.185	95.194279	405.909

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 163 (Derecha): VIA DE SERVICIO M.D. (2)

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 226.007 Dis= 76.951 K : 1.000000000
Distancia: 212.806 Azimut: 272.653571
BO : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 437.300 Dis= 46.903 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	220.000	281.605922	0.000	718974.316	4370425.203	176.646690	77.185	303.993119	95.236881	221.777	22.583310	405.909
RECTA	240.000	281.605922	0.000	718955.145	4370419.504	193.057693	78.213	320.404121	96.574451	202.278	23.920880	406.000
RECTA	252.844	281.605922	0.000	718942.834	4370415.844	202.968728	81.496	330.315157	97.578028	189.811	24.924457	406.017
RECTA	260.000	281.605922	0.000	718935.974	4370413.805	208.087887	84.125	335.434316	98.196496	182.888	25.542925	406.012
RECTA	280.000	281.605922	0.000	718916.803	4370408.107	220.556977	94.004	347.903406	100.201596	163.644	27.548025	405.943
RECTA	280.168	281.605922	0.000	718916.642	4370408.059	220.650082	94.100	347.996511	100.220448	163.483	27.566877	405.942
RECTA	300.000	281.605922	0.000	718897.632	4370402.408	230.358880	106.754	357.705309	102.737759	144.606	30.084188	405.834
RECTA	320.000	281.605922	0.000	718878.461	4370396.710	237.932019	121.475	365.278448	106.035726	125.867	33.382155	405.725
RECTA	340.000	281.605922	0.000	718859.290	4370391.011	243.804722	137.535	371.151151	110.470278	107.582	37.816707	405.615
RECTA	360.000	281.605922	0.000	718840.119	4370385.312	248.419082	154.517	375.765511	116.674811	90.030	44.021240	405.506
RECTA	380.000	281.605922	0.000	718820.948	4370379.614	252.104459	172.149	379.450888	125.743713	73.735	53.090142	405.397
CLOT.	383.496	281.605922	0.000	718817.597	4370378.618	252.672097	175.284	380.018526	127.745321	71.081	55.091750	405.378
CLOT.	400.000	281.680920	0.000	718801.776	4370373.921	255.099064	190.247	382.445493	139.467394	59.731	66.813823	405.287
CLOT.	420.000	281.972835	0.000	718782.587	4370368.284	257.585197	208.672	384.931625	159.879299	49.933	87.225728	405.178

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 163 (Derecha): VIA DE SERVICIO M.D. (2)

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 437.300 Dis= 46.903 K : 1.000000000
Distancia: 233.771 Azimut: 292.420961
BO : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 683.544 Dis= 58.602 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	420.000	281.972835	0.000	718782.587	4370368.284	159.879299	49.933	267.458338	103.058803	261.845	10.637841	405.178
CLOT.	440.000	282.485035	0.000	718763.362	4370362.768	186.063385	46.979	293.642424	104.744441	242.993	12.323480	405.069
CLOT.	460.000	283.217517	0.000	718744.085	4370357.440	211.170607	51.984	318.749645	106.660419	224.268	14.239458	404.960
CLOT.	476.129	283.968663	0.000	718728.490	4370353.326	226.713739	60.552	334.292778	108.400692	209.266	15.979731	404.871
CLOT.	480.000	284.170284	0.000	718724.739	4370352.367	229.780208	63.029	337.359247	108.847616	205.679	16.426654	404.853
CLOT.	492.523	284.879027	0.000	718712.585	4370349.351	238.214812	71.831	345.793851	110.379485	194.115	17.958524	404.827
CIRC.	499.096	285.285584	0.000	718706.191	4370347.825	241.873907	76.829	349.452945	111.240621	188.071	18.819660	404.834
CIRC.	500.000	285.343109	0.000	718705.312	4370347.618	242.341803	77.532	349.920842	111.362307	187.242	18.941346	404.836
CIRC.	520.000	286.616349	0.000	718685.795	4370343.249	250.954045	93.872	358.533084	114.288369	168.990	21.867408	404.952
CIRC.	540.000	287.889588	0.000	718666.195	4370339.272	257.142381	111.233	364.721419	117.764420	150.991	25.343459	405.202
CIRC.	560.000	289.162828	0.000	718646.519	4370335.687	261.810313	129.199	369.389352	121.999822	133.359	29.578861	405.585
CIRC.	580.000	290.436067	0.000	718626.776	4370332.496	265.485296	147.542	373.064334	127.311700	116.268	34.890739	406.102
CIRC.	582.523	290.596708	0.000	718624.280	4370332.121	265.895952	149.876	373.474990	128.080472	114.163	35.659511	406.177
CIRC.	585.969	290.816085	0.000	718620.871	4370331.620	266.440470	153.069	374.019509	129.172230	111.310	36.751269	406.280
CIRC.	600.000	291.709307	0.000	718606.972	4370329.700	268.484450	166.132	376.063489	134.187274	100.005	41.766312	406.668
CIRC.	620.000	292.982546	0.000	718587.117	4370327.302	271.006229	184.888	378.585268	143.364465	85.054	50.943504	407.108
CIRC.	640.000	294.255786	0.000	718567.218	4370325.300	273.179818	203.758	380.758856	155.856836	72.242	63.435875	407.414
CIRC.	660.000	295.529026	0.000	718547.282	4370323.697	275.092373	222.707	382.671411	172.604625	62.897	80.183664	407.587
CIRC.	675.969	296.545663	0.000	718531.344	4370322.704	276.473337	237.875	384.052376	188.840274	59.061	96.419312	407.630
CIRC.	680.000	296.802265	0.000	718527.319	4370322.494	276.804578	241.708	384.383617	193.181799	58.703	100.760837	407.627

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 163 (Derecha): VIA DE SERVICIO M.D. (2)

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 683.544 Dis= 58.602 K : 1.000000000
Distancia: 283.374 Azimut: 299.039331
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 983.929 Dis= 14.628 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	680.000	296.802265	0.000	718527.319	4370322.494	193.181799	58.703	294.142468	111.754414	294.625	12.715083	407.627
CIRC.	700.000	298.075505	0.000	718507.336	4370321.689	214.493258	60.738	315.453927	112.786201	275.165	13.746870	407.534
CIRC.	720.000	299.348744	0.000	718487.340	4370321.285	232.776105	68.448	333.736775	113.878163	255.690	14.838832	407.307
CIRC.	740.000	300.621984	0.000	718467.340	4370321.280	246.700703	80.211	347.661373	115.045234	236.204	16.005903	406.947
CIRC.	760.000	301.895223	0.000	718447.345	4370321.675	256.926341	94.522	357.887011	116.307708	216.714	17.268377	406.453
CIRC.	780.000	303.168463	0.000	718427.361	4370322.471	264.518040	110.390	365.478709	117.693870	197.227	18.654539	405.826
CIRC.	800.000	304.441702	0.000	718407.397	4370323.665	270.317215	127.228	371.277884	119.244322	177.755	20.204992	405.066
CIRC.	807.969	304.949044	0.000	718399.449	4370324.253	272.262309	134.126	373.222978	119.920433	170.002	20.881102	404.726
CIRC.	816.930	305.519527	0.000	718390.518	4370324.989	274.251855	141.981	375.212524	120.729176	161.291	21.689845	404.332
CIRC.	820.000	305.714942	0.000	718387.461	4370325.259	274.890670	144.693	375.851339	121.019448	158.310	21.980118	404.199
CIRC.	840.000	306.988181	0.000	718367.560	4370327.251	278.607386	162.576	379.568055	123.112958	138.914	24.073627	403.475
CIRC.	860.000	308.261421	0.000	718347.704	4370329.641	281.709333	180.749	382.670002	125.678130	119.600	26.638799	402.990
CIRC.	880.000	309.534661	0.000	718327.899	4370332.427	284.358616	199.125	385.319285	128.982773	100.426	29.943442	402.744
CLOT.	889.719	310.153402	0.000	718318.296	4370333.924	285.517363	208.110	386.478032	130.992383	91.188	31.953052	402.711
CLOT.	890.630	310.214058	0.000	718317.397	4370334.069	285.622260	208.954	386.582930	131.198597	90.326	32.159266	402.710
CLOT.	900.000	311.144339	0.000	718308.158	4370335.627	286.671536	217.639	387.632205	133.522663	81.495	34.483333	402.736
CLOT.	920.000	314.999814	0.000	718288.567	4370339.639	288.827958	236.103	389.788627	139.991506	62.867	40.952176	402.968
CIRC.	932.351	318.652541	0.000	718276.643	4370342.850	290.177657	247.339	391.138326	145.447075	51.521	46.407744	403.230
CIRC.	933.343	318.984981	0.000	718275.694	4370343.139	290.288311	248.233	391.248980	145.953960	50.616	46.914629	403.255
CIRC.	940.000	321.215521	0.000	718269.366	4370345.206	291.040819	254.191	392.001488	149.711548	44.578	50.672217	403.425
CIRC.	960.000	327.916782	0.000	718250.845	4370352.730	293.395951	271.659	394.356620	167.940012	27.236	68.900682	403.935
CIRC.	980.000	334.618043	0.000	718233.218	4370362.158	295.869275	288.433	396.829944	219.186798	15.107	120.147467	404.445

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 163 (Derecha): VIA DE SERVICIO M.D. (2)

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 983.929 Dis= 14.628 K : 1.000000000
Distancia: 271.518 Azimut: 319.529515
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 1194.591 Dis= -91.135 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	980.000	334.618043	0.000	718233.218	4370362.158	219.186798	15.107	299.657284	123.066819	272.019	3.537304	404.445
CIRC.	1000.000	341.319304	0.000	718216.678	4370373.386	290.391036	21.266	370.861521	121.898235	252.616	2.368721	404.955
CIRC.	1013.329	345.785332	0.000	718206.351	4370381.808	310.512074	31.784	390.982559	120.719323	240.095	1.189809	405.295
CIRC.	1020.000	348.020564	0.000	718201.410	4370386.290	316.637099	37.568	397.107584	119.993733	233.995	0.464218	405.468
CLOT.	1025.490	349.860120	0.000	718197.464	4370390.107	320.640496	42.450	1.110982	119.323650	229.076	399.794135	405.617
CLOT.	1040.000	354.051672	0.000	718187.544	4370400.693	328.524365	55.651	8.994851	117.225251	216.563	397.695736	406.034
CLOT.	1060.000	357.632245	0.000	718174.811	4370416.112	335.722116	74.282	16.192602	113.586242	200.499	394.056728	406.666
CLOT.	1076.329	358.667337	0.000	718164.862	4370429.060	339.744358	89.774	20.214844	110.019109	188.329	390.489594	407.232
CLOT.	1078.122	358.677569	0.000	718163.778	4370430.488	340.109866	91.490	20.580352	109.596824	187.039	390.067309	407.296
CLOT.	1080.000	358.650991	0.000	718162.642	4370431.984	340.478248	93.291	20.948733	109.148190	185.696	389.618675	407.364
CLOT.	1100.000	355.071382	0.000	718150.229	4370447.662	343.440112	112.711	23.910597	104.049409	171.716	384.519894	408.084
CLOT.	1120.000	345.464604	0.000	718136.272	4370461.960	344.542478	132.579	25.012963	98.631844	157.448	379.102329	408.804
CIRC.	1127.828	340.063600	0.000	718130.153	4370466.838	344.447660	140.402	24.918145	96.527370	151.518	376.997856	409.086
CIRC.	1140.000	330.946935	0.000	718119.834	4370473.275	343.736610	152.453	24.207095	93.386633	141.738	373.857118	409.524
CIRC.	1160.000	315.967647	0.000	718101.219	4370480.462	341.416548	171.517	21.887034	88.732780	124.301	369.203266	410.244
CIRC.	1180.000	300.988358	0.000	718081.442	4370483.111	338.092664	189.117	18.563150	85.054906	105.475	365.525392	410.964
RECTA	1191.995	292.004331	0.000	718069.475	4370482.452	335.758654	198.767	16.229139	83.599263	93.707	364.069748	411.396
RECTA	1194.591	292.004331	0.000	718066.900	4370482.127	335.236540	200.780	15.707025	83.360591	91.135	363.831076	411.489

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B01 X: 721776.335 Y: 4371188.777 Z: 408.569 PK: 0.000 Dis= -71.403 K : 1.000000000
Distancia: 190.912 Azimut: 282.582182
BO : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 149.165 Dis= -2.311 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	239.481942	0.000	721731.004	4371133.609	243.788473	71.403	361.206291	101.647172	138.527	19.064990	405.378
CIRC.	19.685	264.545710	0.000	721716.744	4371120.224	245.554858	90.833	362.972677	108.643101	125.374	26.060919	404.985
CIRC.	20.000	264.946733	0.000	721716.476	4371120.058	245.620184	91.134	363.038003	108.745042	125.131	26.162861	404.978
CIRC.	40.000	290.411524	0.000	721697.818	4371113.234	251.229028	108.957	368.646846	114.243181	107.985	31.660999	404.700
CLOT.	45.870	297.885168	0.000	721691.976	4371112.696	253.281674	113.599	370.699492	115.375162	102.425	32.792981	404.663
CLOT.	53.685	306.875767	0.000	721684.174	4371113.007	256.194458	119.309	373.612276	116.425405	94.787	33.843223	404.645
CLOT.	60.000	312.737811	0.000	721677.937	4371113.986	258.624512	123.595	376.042331	116.889202	88.510	34.307020	404.656
CLOT.	70.685	319.801214	0.000	721667.617	4371116.734	262.743632	130.421	380.161450	116.933182	77.830	34.351000	404.730
CLOT.	79.351	322.893836	0.000	721659.444	4371119.611	265.985191	135.821	383.403009	116.356231	69.191	33.774049	404.816
CLOT.	80.000	323.030483	0.000	721658.836	4371119.840	266.221924	136.228	383.639742	116.293760	68.545	33.711578	404.823
CLOT.	86.370	323.668268	0.000	721652.894	4371122.134	268.485012	140.281	385.902830	115.562090	62.220	32.979908	404.880
CLOT.	100.000	322.849770	0.000	721640.174	4371127.031	272.896541	149.507	390.314359	113.375768	48.722	30.793587	404.969
CLOT.	119.351	318.876032	0.000	721621.883	4371133.338	278.060989	164.100	395.478807	108.311363	29.611	25.729181	405.016
CLOT.	120.000	318.685490	0.000	721621.262	4371133.527	278.210862	164.621	395.628681	108.077779	28.971	25.495597	405.016
CLOT.	139.351	311.301634	0.000	721602.476	4371138.121	281.950945	181.088	399.368764	94.081060	9.995	11.498878	404.966
CLOT.	140.000	310.996672	0.000	721601.837	4371138.234	282.051678	181.671	399.469497	92.912454	9.371	10.330272	404.963
CIRC.	141.947	310.060050	0.000	721599.916	4371138.555	282.343947	183.428	399.761765	88.403819	7.517	5.821637	404.953
CLOT.	152.784	304.753098	0.000	721589.156	4371139.812	283.711471	193.478	1.129289	342.077578	4.267	259.495396	404.899

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 149.165 Dis= -2.311 K : 1.000000000
Distancia: 198.215 Azimut: 228.922930
BO : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 260.906 Dis=-171.335 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	140.000	310.996672	0.000	721601.837	4371138.234	92.912454	9.371	263.989524	31.399710	203.391	2.476780	404.963
CIRC.	141.947	310.060050	0.000	721599.916	4371138.555	88.403819	7.517	259.480889	30.821069	202.773	1.898138	404.953
CLOT.	152.784	304.753098	0.000	721589.156	4371139.812	342.077578	4.267	113.154647	27.587795	199.134	398.664865	404.899
CLOT.	160.000	301.448643	0.000	721581.949	4371140.159	317.408830	10.983	88.485899	25.421439	196.537	396.498509	404.863
CLOT.	180.000	294.688470	0.000	721561.970	4371139.461	304.716181	30.638	75.793251	19.303441	188.998	390.380511	404.763
CLOT.	200.000	291.452835	0.000	721542.101	4371137.197	300.004465	50.423	71.081535	12.889925	181.826	383.966994	404.663
CLOT.	201.856	291.331272	0.000	721540.262	4371136.946	299.699424	52.263	70.776494	12.274675	181.219	383.351745	404.654
RECTA	208.361	291.144879	0.000	721533.819	4371136.051	298.761404	58.716	69.838474	10.089026	179.211	381.166096	404.626
RECTA	220.000	291.144879	0.000	721522.292	4371134.437	297.503024	70.286	68.580094	6.064673	176.151	377.141743	404.600
RECTA	224.356	291.144879	0.000	721517.978	4371133.833	297.132468	74.621	68.209538	4.524810	175.190	375.601880	404.598
RECTA	240.000	291.144879	0.000	721502.486	4371131.664	296.095589	90.208	67.172659	398.874479	172.606	369.951549	404.625
RECTA	260.000	291.144879	0.000	721482.679	4371128.891	295.197632	110.159	66.274702	391.481408	171.338	362.558478	404.739

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 260.906 Dis=-171.335 K : 1.000000000
Distancia: 196.654 Azimut: 299.473291
BO : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 494.817 Dis= -82.301 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	260.000	291.144879	0.000	721482.679	4371128.891	391.481408	171.338	92.008117	50.434404	244.114	350.961113	404.739
RECTA	280.000	291.144879	0.000	721462.872	4371126.118	384.079290	172.396	84.605998	47.105775	228.378	347.632483	404.942
CLOT.	296.729	291.144879	0.000	721446.304	4371123.799	378.023181	175.040	78.549890	43.955735	215.759	344.482443	405.180
CLOT.	300.000	291.097748	0.000	721443.065	4371123.344	376.863292	175.738	77.390000	43.296944	213.357	343.823652	405.233
CLOT.	320.000	288.759085	0.000	721423.302	4371120.285	369.968692	180.964	70.495400	38.993507	199.004	339.520216	405.614
CLOT.	340.000	282.895883	0.000	721403.782	4371115.961	363.367963	186.987	63.894672	34.342273	184.737	334.868982	406.083
CLOT.	350.356	278.474830	0.000	721393.897	4371112.879	360.026622	190.043	60.553330	31.862505	177.150	332.389214	406.362
CIRC.	352.306	277.536661	0.000	721392.062	4371112.219	359.401100	190.595	59.927809	31.394030	175.695	331.920739	406.416
CIRC.	360.000	273.768937	0.000	721384.925	4371109.348	356.941191	192.682	57.467900	29.546952	169.859	330.073661	406.632
CLOT.	370.774	268.492987	0.000	721375.243	4371104.630	353.516291	195.345	54.043000	26.965027	161.438	327.491736	406.933
CLOT.	380.000	264.349820	0.000	721367.277	4371099.979	350.600622	197.400	51.127330	24.752845	154.017	325.279554	407.192
CLOT.	400.000	257.943866	0.000	721350.947	4371088.446	344.358524	201.574	44.885233	19.778557	137.574	320.305265	407.752
CLOT.	420.000	255.062450	0.000	721335.497	4371075.749	338.282151	206.214	38.808859	14.084743	121.247	314.611451	408.312
CLOT.	426.351	254.884769	0.000	721330.671	4371071.621	336.403891	207.948	36.930600	12.001896	116.222	312.528604	408.489
CLOT.	440.000	255.616906	0.000	721320.274	4371062.777	332.484328	212.307	33.011037	6.854808	105.933	307.381517	408.872
CLOT.	460.000	259.334357	0.000	721304.626	4371050.327	327.138526	220.659	27.665235	397.079088	92.966	297.605797	409.432
CLOT.	480.000	266.195610	0.000	721288.004	4371039.221	322.470184	231.824	22.996892	384.078534	84.389	284.605243	409.992
CIRC.	484.208	268.039412	0.000	721284.346	4371037.143	321.597557	234.560	22.124265	380.978207	83.379	281.504915	410.109

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 494.817 Dis= -82.301 K : 1.000000000
Distancia: 195.525 Azimut: 307.936756
BO : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 645.204 Dis= -57.817 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	480.000	266.195610	0.000	721288.004	4371039.221	384.078534	84.389	76.141778	79.601725	182.405	371.664969	409.992
CIRC.	484.208	268.039412	0.000	721284.346	4371037.143	380.978207	83.379	73.041450	79.894751	178.280	371.957994	410.109
CIRC.	500.000	275.220601	0.000	721270.104	4371030.339	368.865228	82.560	60.928472	80.694589	162.642	372.757833	410.552
CIRC.	520.000	284.315169	0.000	721251.121	4371024.095	354.530477	88.191	46.593721	80.824391	142.661	372.887635	411.112
CIRC.	540.000	293.409738	0.000	721231.443	4371020.617	343.553008	99.935	35.616252	79.520423	122.863	371.583667	411.672
CIRC.	560.000	302.504306	0.000	721211.471	4371019.976	336.322006	115.754	28.385250	76.021077	103.869	368.084321	412.232
CLOT.	563.896	304.275999	0.000	721207.580	4371020.183	335.292576	119.156	27.355820	74.990777	100.341	367.054021	412.341
CLOT.	580.000	310.579757	0.000	721191.597	4371022.100	332.066416	133.926	24.129660	69.187896	86.669	361.251140	412.792
CLOT.	600.000	315.571060	0.000	721172.040	4371026.258	329.656090	153.171	21.719334	57.894528	72.429	349.957771	413.352
CLOT.	611.557	317.022074	0.000	721160.864	4371029.200	328.730372	164.495	20.793616	49.013276	66.058	341.076520	413.675
CLOT.	620.000	317.418562	0.000	721152.729	4371031.462	328.173304	172.808	20.236548	41.438002	62.462	333.501246	413.894
CLOT.	621.753	317.430642	0.000	721151.041	4371031.936	328.065861	174.537	20.129104	39.759658	61.838	331.822901	413.935
CLOT.	640.000	315.963808	0.000	721133.437	4371036.734	327.016930	192.532	19.080174	20.725969	58.010	312.789213	414.269

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 645.204 Dis= -57.817 K : 1.000000000
Distancia: 266.093 Azimut: 286.365409
BO : B06 X: 720854.869 Y: 4370925.216 Z: 415.878 PK: 944.649 Dis= -48.679 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	640.000	315.963808	0.000	721133.437	4371036.734	20.725969	58.010	134.360560	75.758304	300.061	389.392895	414.269
CLOT.	660.000	310.985979	0.000	721113.908	4371041.025	398.952693	59.262	112.587284	73.235499	283.748	386.870090	414.445
CLOT.	667.557	308.187701	0.000	721106.438	4371042.163	391.155333	60.980	104.789924	72.297332	277.423	385.931922	414.459
CIRC.	677.330	303.822424	0.000	721096.711	4371043.095	381.659996	63.959	95.294587	71.127220	269.041	384.761811	414.435
CIRC.	680.000	302.515013	0.000	721094.045	4371043.227	379.188360	64.893	92.822951	70.819853	266.705	384.454444	414.420
CLOT.	697.406	293.991233	0.000	721076.658	4371042.750	364.353999	71.969	77.988590	68.976972	251.008	382.611563	414.236
CLOT.	700.000	292.750511	0.000	721074.078	4371042.480	362.326377	73.148	75.960967	68.728660	248.603	382.363251	414.196
CLOT.	701.557	292.034384	0.000	721072.533	4371042.295	361.131460	73.869	74.766051	68.583021	247.154	382.217612	414.170
CLOT.	720.000	285.175788	0.000	721054.406	4371038.942	348.211272	83.222	61.845863	67.021259	229.670	380.655850	413.857
CLOT.	740.000	281.125603	0.000	721035.130	4371033.622	336.699506	95.126	50.334097	65.531182	210.347	379.165773	413.517
RECTA	752.983	280.383015	0.000	721022.744	4371029.732	330.553697	103.875	44.188288	64.549112	197.751	378.183703	413.296
RECTA	760.000	280.383015	0.000	721016.057	4371027.604	327.645210	108.937	41.279801	63.973229	190.958	377.607820	413.177
RECTA	780.000	280.383015	0.000	720996.999	4371021.538	320.712694	124.411	34.347285	62.082535	171.694	375.717126	412.837
RECTA	800.000	280.383015	0.000	720977.941	4371015.472	315.361958	141.028	28.996549	59.716712	152.620	373.351302	412.497
RECTA	820.000	280.383015	0.000	720958.883	4371009.407	311.162036	158.429	24.796626	56.680784	133.817	370.315375	412.157
RECTA	840.000	280.383015	0.000	720939.825	4371003.341	307.804821	176.382	21.439412	52.665113	115.417	366.299704	411.817
RECTA	860.000	280.383015	0.000	720920.767	4370997.275	305.073935	194.734	18.708526	47.158799	97.648	360.793389	411.477
RECTA	880.000	280.383015	0.000	720901.709	4370991.209	302.816809	213.383	16.451400	39.295553	80.927	352.930144	411.137
RECTA	900.000	280.383015	0.000	720882.651	4370985.144	300.924451	232.256	14.559042	27.635800	66.054	341.270391	410.797
RECTA	920.000	280.383015	0.000	720863.593	4370979.078	299.317714	251.304	12.952305	10.222750	54.564	323.857340	410.457
RECTA	940.000	280.383015	0.000	720844.535	4370973.012	297.938125	270.490	11.572716	386.444493	48.900	300.079084	410.117

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B06 X: 720854.869 Y: 4370925.216 Z: 415.878 PK: 944.649 Dis= -48.679 K : 1.000000000
Distancia: 191.200 Azimut: 274.596939
BO : B07 X: 720678.690 Y: 4370850.930 Z: 407.029 PK: 1135.060 Dis= -66.033 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	940.000	280.383015	0.000	720844.535	4370973.012	386.444493	48.900	111.847554	59.602749	205.934	385.005810	410.117
RECTA	960.000	280.383015	0.000	720825.477	4370966.946	360.935373	51.042	86.338434	57.420251	187.100	382.823313	409.777
RECTA	980.000	280.383015	0.000	720806.419	4370960.880	340.396861	60.161	65.799923	54.753182	168.534	380.156243	409.437
RECTA	1000.000	280.383015	0.000	720787.361	4370954.815	326.305467	73.711	51.708528	51.433408	150.338	376.836469	409.097
RECTA	1020.000	280.383015	0.000	720768.303	4370948.749	316.898075	89.707	42.301136	47.214758	132.661	372.617819	408.757
RECTA	1040.000	280.383015	0.000	720749.245	4370942.683	310.433366	107.058	35.836427	41.732465	115.744	367.135526	408.417
RECTA	1060.000	280.383015	0.000	720730.187	4370936.617	305.805271	125.202	31.208332	34.450614	99.971	359.853675	408.077
RECTA	1080.000	280.383015	0.000	720711.129	4370930.551	302.361962	143.839	27.765023	24.629992	85.976	350.033053	407.737
RECTA	1100.000	280.383015	0.000	720692.071	4370924.486	299.714390	162.799	25.117451	11.456267	74.763	336.859328	407.397
RECTA	1110.528	280.383015	0.000	720682.040	4370921.293	298.555081	172.874	23.958142	3.028262	70.442	328.431323	407.218
RECTA	1120.000	280.383015	0.000	720673.013	4370918.420	297.621981	181.982	23.025042	394.657998	67.728	320.061059	407.064

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B07 X: 720678.690 Y: 4370850.930 Z: 407.029 PK: 1135.060 Dis= -66.033 K : 1.000000000
Distancia: 264.436 Azimut: 262.675762
BO : B08 X: 720458.415 Y: 4370704.625 Z: 415.320 PK: 1389.332 Dis=-138.639 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1120.000	280.383015	0.000	720673.013	4370918.420	394.657998	67.728	131.982236	50.119424	302.920	387.443662	407.064
RECTA	1140.000	280.383015	0.000	720653.955	4370912.354	375.629028	66.217	112.953265	48.076445	285.285	385.400683	406.791
RECTA	1160.000	280.383015	0.000	720634.898	4370906.288	357.392665	70.586	94.716903	45.766998	267.982	383.091235	406.588
RECTA	1180.000	280.383015	0.000	720615.840	4370900.222	342.340500	79.874	79.664737	43.142759	251.079	380.466996	406.453
RECTA	1200.000	280.383015	0.000	720596.782	4370894.157	330.913983	92.615	68.238221	40.145682	234.665	377.469919	406.387
RECTA	1209.128	280.383015	0.000	720588.084	4370891.388	326.735714	99.229	64.059952	38.635593	227.364	375.959831	406.380
RECTA	1220.000	280.383015	0.000	720577.724	4370888.091	322.451381	107.588	59.775619	36.706794	218.848	374.031032	406.390
RECTA	1240.000	280.383015	0.000	720558.666	4370882.025	316.138297	123.987	53.462535	32.745828	203.767	370.070066	406.462
RECTA	1260.000	280.383015	0.000	720539.608	4370875.959	311.335305	141.317	48.659543	28.172834	189.599	365.497072	406.603
RECTA	1280.000	280.383015	0.000	720520.550	4370869.894	307.597796	159.273	44.922033	22.893736	176.563	360.217974	406.813
RECTA	1300.000	280.383015	0.000	720501.492	4370863.828	304.625606	177.667	41.949843	16.822704	164.928	354.146941	407.091
RECTA	1320.000	280.383015	0.000	720482.434	4370857.762	302.215262	196.375	39.539499	9.904377	155.009	347.228614	407.439
RECTA	1340.000	280.383015	0.000	720463.376	4370851.696	300.226525	215.316	37.550763	2.146546	147.155	339.470784	407.856
RECTA	1360.000	280.383015	0.000	720444.318	4370845.630	298.560714	234.432	35.884952	393.656404	141.708	330.980641	408.342
RECTA	1380.000	280.383015	0.000	720425.260	4370839.565	297.146899	253.685	34.471137	384.661863	138.953	321.986100	408.897
RECTA	1383.128	280.383015	0.000	720422.279	4370838.616	296.944995	256.706	34.269233	383.230166	138.778	320.554404	408.990

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B08 X: 720458.415 Y: 4370704.625 Z: 415.320 PK: 1389.332 Dis=-138.639 K : 1.000000000
Distancia: 261.971 Azimut: 313.452401
BO : B09 X: 720202.271 Y: 4370759.571 Z: 405.430 PK: 1616.747 Dis= -8.596 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1380.000	280.383015	0.000	720425.260	4370839.565	384.661863	138.953	71.209462	78.072658	236.903	364.620257	408.897
RECTA	1383.128	280.383015	0.000	720422.279	4370838.616	383.230166	138.778	69.777765	78.041754	233.777	364.589353	408.990
RECTA	1400.000	280.383015	0.000	720406.202	4370833.499	375.494123	139.049	62.041722	77.859687	216.917	364.407286	409.496
RECTA	1420.000	280.383015	0.000	720387.144	4370827.433	366.523836	141.991	53.071435	77.603493	196.935	364.151092	410.096
RECTA	1436.160	280.383015	0.000	720371.745	4370822.532	359.646147	146.334	46.193746	77.355127	180.792	363.902727	410.580
RECTA	1440.000	280.383015	0.000	720368.086	4370821.367	358.076843	147.608	44.624442	77.289443	176.956	363.837042	410.695
RECTA	1460.000	280.383015	0.000	720349.028	4370815.301	350.373003	155.611	36.920602	76.895466	156.982	363.443065	411.250
RECTA	1480.000	280.383015	0.000	720329.970	4370809.236	343.511909	165.655	30.059508	76.386646	137.017	362.934246	411.741
RECTA	1500.000	280.383015	0.000	720310.912	4370803.170	337.495972	177.393	24.043572	75.704309	117.063	362.251909	412.167
RECTA	1520.000	280.383015	0.000	720291.854	4370797.104	332.266882	190.512	18.814482	74.741730	97.128	361.289329	412.529
RECTA	1540.000	280.383015	0.000	720272.796	4370791.038	327.737687	204.748	14.285286	73.282548	77.227	359.830147	412.826
RECTA	1560.000	280.383015	0.000	720253.738	4370784.972	323.814295	219.883	10.361894	70.812777	57.394	357.360376	413.059
RECTA	1580.000	280.383015	0.000	720234.680	4370778.907	320.407287	235.744	6.954886	65.754719	37.739	352.302318	413.227
RECTA	1600.000	280.383015	0.000	720215.622	4370772.841	317.437128	252.194	3.984727	50.194510	18.824	336.742109	413.331

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B09 X: 720202.271 Y: 4370759.571 Z: 405.430 PK: 1616.747 Dis= -8.596 K : 1.000000000
Distancia: 155.674 Azimut: 321.865036
BO : B10 X: 720055.689 Y: 4370811.993 Z: 405.592 PK: 1740.526 Dis= 85.814 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1600.000	280.383015	0.000	720215.622	4370772.841	50.194510	18.824	128.329474	115.284059	164.656	393.419023	413.331
RECTA	1620.000	280.383015	0.000	720196.564	4370766.775	357.350270	9.191	35.485235	119.772792	147.954	397.907756	413.370
RECTA	1622.160	280.383015	0.000	720194.506	4370766.120	344.605495	10.158	22.740459	120.318280	146.200	398.453244	413.370
RECTA	1640.000	280.383015	0.000	720177.506	4370760.709	302.924108	24.791	381.059072	125.367278	132.172	3.502242	413.345
RECTA	1660.000	280.383015	0.000	720158.448	4370754.643	292.871676	44.099	371.006640	132.406321	117.679	10.541286	413.255
RECTA	1680.000	280.383015	0.000	720139.390	4370748.578	288.981473	63.834	367.116437	141.276606	105.011	19.411570	413.101
RECTA	1700.000	280.383015	0.000	720120.332	4370742.512	286.932663	83.696	365.067627	152.295223	94.902	30.430187	412.882
RECTA	1720.000	280.383015	0.000	720101.274	4370736.446	285.670523	103.610	363.805487	165.436657	88.235	43.571622	412.598
RECTA	1740.000	280.383015	0.000	720082.216	4370730.380	284.815567	123.552	362.950532	179.993043	85.816	58.128007	412.251

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B10 X: 720055.689 Y: 4370811.993 Z: 405.592 PK: 1740.526 Dis= 85.814 K : 1.000000000
Distancia: 204.022 Azimut: 279.059068
BO : B11 X: 719862.606 Y: 4370746.086 Z: 403.681 PK: 1944.503 Dis= 81.571 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1740.000	280.383015	0.000	720082.216	4370730.380	179.993043	85.816	300.933975	104.545113	220.171	25.486045	412.251
RECTA	1760.000	280.383015	0.000	720063.158	4370724.315	194.589608	87.996	315.530540	106.884021	201.731	27.824953	411.838
RECTA	1780.000	280.383015	0.000	720044.100	4370718.249	207.830069	94.458	328.771001	109.688836	183.617	30.629768	411.361
RECTA	1800.000	280.383015	0.000	720025.043	4370712.183	218.965563	104.409	339.906495	113.099198	165.937	34.040130	410.820
RECTA	1820.000	280.383015	0.000	720005.985	4370706.117	227.942414	116.962	348.883346	117.307304	148.845	38.248236	410.214
RECTA	1840.000	280.383015	0.000	719986.927	4370700.051	235.067973	131.374	356.008905	122.576741	132.570	43.517672	409.544
RECTA	1845.360	280.383015	0.000	719981.819	4370698.426	236.713324	135.478	357.654256	124.212235	128.387	45.153167	409.353
RECTA	1860.000	280.383015	0.000	719967.869	4370693.986	240.729331	147.099	361.670263	129.259339	117.451	50.200271	408.826
RECTA	1880.000	280.383015	0.000	719948.811	4370687.920	245.268959	163.759	366.209891	137.788148	103.993	58.729080	408.106
RECTA	1900.000	280.383015	0.000	719929.753	4370681.854	248.955286	181.097	369.896218	148.587867	92.922	69.528799	407.386
RECTA	1920.000	280.383015	0.000	719910.695	4370675.788	251.989254	198.935	372.930186	161.805649	85.172	82.746581	406.666
RECTA	1940.000	280.383015	0.000	719891.637	4370669.722	254.519207	217.150	375.460139	176.872183	81.696	97.813115	405.946
RECTA	1952.530	280.383015	0.000	719879.697	4370665.922	255.897548	228.713	376.838480	186.627125	81.965	107.568057	405.495

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B11 X: 719862.606 Y: 4370746.086 Z: 403.681 PK: 1944.503 Dis= 81.571 K : 1.000000000
Distancia: 199.969 Azimut: 283.625069
BO : B12 X: 719669.216 Y: 4370695.216 Z: 397.451 PK: 2144.213 Dis= 91.751 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1940.000	280.383015	0.000	719891.637	4370669.722	176.872183	81.696	293.247113	107.265146	223.877	23.640077	405.946
RECTA	1952.530	280.383015	0.000	719879.697	4370665.922	186.627125	81.965	303.002056	108.803576	212.510	25.178507	405.495
RECTA	1960.000	280.383015	0.000	719872.579	4370663.657	192.335073	83.030	308.710004	109.801359	205.797	26.176290	405.230
RECTA	1980.000	280.383015	0.000	719853.521	4370657.591	206.512933	88.960	322.887864	112.820199	188.106	29.195130	404.560
RECTA	2000.000	280.383015	0.000	719834.463	4370651.525	218.415589	98.660	334.790520	116.455551	170.925	32.830482	403.947
RECTA	2020.000	280.383015	0.000	719815.405	4370645.459	227.922158	111.147	344.297089	120.884980	154.424	37.259910	403.391
RECTA	2040.000	280.383015	0.000	719796.347	4370639.393	235.379408	125.593	351.754339	126.340035	138.847	42.714965	402.892
RECTA	2060.000	280.383015	0.000	719777.289	4370633.328	241.236099	141.398	357.611030	133.108612	124.539	49.483543	402.451
RECTA	2080.000	280.383015	0.000	719758.231	4370627.262	245.884513	158.156	362.259444	141.509056	111.988	57.883987	402.066
RECTA	2100.000	280.383015	0.000	719739.173	4370621.196	249.626510	175.594	366.001441	151.796013	101.848	68.170944	401.739
RECTA	2120.000	280.383015	0.000	719720.115	4370615.130	252.683980	193.528	369.058911	163.957465	94.892	80.332395	401.469
RECTA	2140.000	280.383015	0.000	719701.057	4370609.065	255.218099	211.832	371.593030	177.462228	91.847	93.837159	401.256

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B12 X: 719669.216 Y: 4370695.216 Z: 397.451 PK: 2144.213 Dis= 91.751 K : 1.000000000
Distancia: 125.835 Azimut: 281.128901
BO : B13 X: 719548.869 Y: 4370658.459 Z: 401.680 PK: 2270.039 Dis= 93.225 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	2140.000	280.383015	0.000	719701.057	4370609.065	177.462228	91.847	296.333327	119.979407	160.003	38.850506	401.256
RECTA	2160.000	280.383015	0.000	719681.999	4370602.999	191.231116	93.099	310.102215	125.128863	144.220	43.999962	401.100
RECTA	2180.000	280.383015	0.000	719662.941	4370596.933	204.059001	98.483	322.930100	131.489662	129.607	50.360761	401.002
RECTA	2200.000	280.383015	0.000	719643.883	4370590.867	215.161951	107.380	334.033050	139.363957	116.603	58.235056	400.960
RECTA	2204.530	280.383015	0.000	719639.567	4370589.493	217.406362	109.801	336.277461	141.387680	113.940	60.258779	400.959
RECTA	2220.000	280.383015	0.000	719624.825	4370584.801	224.335537	119.004	343.206636	149.022032	105.805	67.893131	400.976
RECTA	2240.000	280.383015	0.000	719605.767	4370578.736	231.753176	132.640	350.624275	160.538607	97.945	79.409706	401.049
RECTA	2260.000	280.383015	0.000	719586.709	4370572.670	237.723586	147.733	356.594685	173.553894	93.764	92.424993	401.179

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B13 X: 719548.869 Y: 4370658.459 Z: 401.680 PK: 2270.039 Dis= 93.225 K : 1.000000000
Distancia: 221.540 Azimut: 285.005166
BO : B14 X: 719333.446 Y: 4370606.759 Z: 400.027 PK: 2487.010 Dis= 112.500 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	2260.000	280.383015	0.000	719586.709	4370572.670	173.553894	93.764	288.548729	108.517705	255.547	23.512540	401.179
RECTA	2280.000	280.383015	0.000	719567.651	4370566.604	187.159579	93.756	302.154414	110.809881	237.623	25.804716	401.366
RECTA	2298.269	280.383015	0.000	719550.243	4370561.063	199.101979	97.405	314.096813	113.224878	221.560	28.219713	401.586
RECTA	2299.498	280.383015	0.000	719549.072	4370560.691	199.867852	97.769	314.862686	113.399909	220.492	28.394744	401.603
RECTA	2300.000	280.383015	0.000	719548.593	4370560.538	200.179251	97.921	315.174085	113.471943	220.056	28.466777	401.610
CIRC.	2311.786	280.383015	0.000	719537.362	4370556.964	207.186915	102.146	322.181749	115.247592	209.908	30.242426	401.754
CIRC.	2320.000	280.276301	0.000	719529.537	4370554.466	211.700754	105.775	326.695588	116.591100	202.944	31.585935	401.839
CIRC.	2340.000	280.016456	0.000	719510.502	4370548.329	221.341396	116.621	336.336230	120.292490	186.448	35.287324	401.996
CIRC.	2360.000	279.756612	0.000	719491.492	4370542.115	229.167745	129.723	344.162580	124.717254	170.755	39.712089	402.080
CIRC.	2373.150	279.585764	0.000	719479.007	4370537.987	233.455090	139.263	348.449924	128.098862	160.989	43.093696	402.096
CIRC.	2380.000	279.496767	0.000	719472.508	4370535.823	235.454723	144.467	350.449558	130.029193	156.109	45.024027	402.092
CIRC.	2400.000	279.236922	0.000	719453.549	4370529.454	240.511392	160.400	355.506226	136.408459	142.831	51.403294	402.030
CIRC.	2406.150	279.157020	0.000	719447.724	4370527.480	241.862299	165.486	356.857133	138.611605	139.085	53.606440	401.997
CIRC.	2420.000	278.977077	0.000	719434.616	4370523.008	244.608329	177.203	359.603163	144.020971	131.338	59.015806	401.914
CIRC.	2440.000	278.717232	0.000	719415.710	4370516.484	247.960719	194.649	362.955554	152.953722	122.135	67.948557	401.794
CIRC.	2460.000	278.457388	0.000	719396.831	4370509.883	250.733139	212.580	365.727974	163.115285	115.770	78.110119	401.674
CIRC.	2479.922	278.198550	0.000	719378.052	4370503.231	253.041595	230.812	368.036429	174.100994	112.728	89.095829	401.554
CIRC.	2480.000	278.197543	0.000	719377.979	4370503.205	253.049822	230.884	368.044657	174.144681	112.723	89.139515	401.554

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B14 X: 719333.446 Y: 4370606.759 Z: 400.027 PK: 2487.010 Dis= 112.500 K : 1.000000000
Distancia: 211.257 Azimut: 283.325931
BO : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 2692.004 Dis= 134.206 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	2480.000	278.197543	0.000	719377.979	4370503.205	174.144681	112.723	290.818750	112.353696	253.340	29.027765	401.554
CIRC.	2500.000	277.937698	0.000	719359.154	4370496.450	185.423517	113.265	302.097586	115.117118	236.393	31.791187	401.468
CIRC.	2515.922	277.730829	0.000	719344.187	4370491.018	194.109029	116.239	310.783099	117.626882	223.298	34.300951	401.446
CIRC.	2520.000	277.677853	0.000	719340.357	4370489.619	196.248545	117.344	312.922614	118.319245	220.009	34.993314	401.448
CIRC.	2540.000	277.418008	0.000	719321.588	4370482.711	206.067227	124.614	322.741296	122.044981	204.322	38.719050	401.495
CIRC.	2560.000	277.158164	0.000	719302.847	4370475.726	214.604628	134.559	331.278697	126.392276	189.506	43.066346	401.608
CIRC.	2563.922	277.107202	0.000	719299.175	4370474.347	216.123250	136.775	332.797319	127.326906	186.721	44.000975	401.638
CIRC.	2580.000	276.898319	0.000	719284.135	4370468.665	221.834086	146.634	338.508155	131.468009	175.782	48.142079	401.767
CIRC.	2600.000	276.638474	0.000	719265.452	4370461.527	227.875337	160.360	344.549406	137.376855	163.425	54.050924	401.927
CIRC.	2620.000	276.378629	0.000	719246.798	4370454.313	232.903560	175.350	349.577629	144.198850	152.767	60.872919	402.087
CIRC.	2640.000	276.118784	0.000	719228.174	4370447.024	237.096021	191.305	353.770091	151.952897	144.187	68.626966	402.247
CIRC.	2660.000	275.858940	0.000	719209.580	4370439.658	240.609108	208.004	357.283177	160.551146	138.071	77.225215	402.407
CIRC.	2680.000	275.599095	0.000	719191.016	4370432.216	243.572297	225.281	360.246367	169.764456	134.756	86.438525	402.567

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 2692.004 Dis= 134.206 K : 1.000000000
Distancia: 190.802 Azimut: 281.452411
BO : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 2884.692 Dis= 154.140 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	2680.000	275.599095	0.000	719191.016	4370432.216	169.764456	134.756	288.312045	116.558094	252.889	35.105683	402.567
CIRC.	2700.000	275.339250	0.000	719172.483	4370424.699	179.231256	134.450	297.778845	119.788167	237.217	38.335756	402.727
CIRC.	2720.000	275.079405	0.000	719153.980	4370417.106	188.527726	137.173	307.075315	123.481148	222.297	42.028737	402.887
CIRC.	2740.000	274.819560	0.000	719135.508	4370409.438	197.272378	142.751	315.819967	127.705802	208.291	46.253391	403.047
CIRC.	2760.000	274.559716	0.000	719117.068	4370401.694	205.206884	150.868	323.754473	132.531122	195.396	51.078711	403.207
CIRC.	2780.000	274.299871	0.000	719098.660	4370393.875	212.216936	161.141	330.764526	138.016965	183.845	56.564554	403.367
CIRC.	2800.000	274.040026	0.000	719080.284	4370385.981	218.303746	173.186	336.851335	144.198869	173.907	62.746458	403.527
CIRC.	2819.301	273.789264	0.000	719062.581	4370378.292	223.368772	186.168	341.916361	150.816257	166.118	69.363846	403.681
CIRC.	2820.000	273.818933	0.000	719061.940	4370378.013	223.538513	186.660	342.086102	151.067259	165.872	69.614848	403.687
CIRC.	2840.000	274.667759	0.000	719043.555	4370370.140	228.067355	201.153	346.614944	158.527573	159.848	77.075162	403.847
CIRC.	2860.000	275.516586	0.000	719025.066	4370362.513	232.032147	216.360	350.579736	166.439746	155.905	84.987335	404.007
CIRC.	2880.000	276.365412	0.000	719006.478	4370355.134	235.523997	232.137	354.071586	174.627273	154.205	93.174862	404.167

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 2884.692 Dis= 154.140 K : 1.000000000
Distancia: 212.806 Azimut: 272.653571
BO : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 3117.266 Dis= 124.576 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	2880.000	276.365412	0.000	719006.478	4370355.134	174.627273	154.205	301.973702	113.248470	258.904	40.594899	404.167
CIRC.	2900.000	277.214239	0.000	718987.792	4370348.002	182.869419	154.821	310.215847	116.096516	242.337	43.442945	404.327
CIRC.	2920.000	278.063065	0.000	718969.014	4370341.121	190.936122	157.727	318.282550	119.295634	226.163	46.642063	404.487
CIRC.	2940.000	278.911891	0.000	718950.145	4370334.491	198.626620	162.799	325.973049	122.915154	210.473	50.261583	404.647
CIRC.	2959.832	279.753595	0.000	718931.349	4370328.165	205.739007	169.777	333.085436	127.001485	195.512	54.347913	404.806
CIRC.	2960.000	279.760718	0.000	718931.189	4370328.112	205.796742	169.843	333.143171	127.038438	195.389	54.384867	404.807
CIRC.	2980.000	280.609544	0.000	718912.150	4370321.987	212.367272	178.625	339.713701	131.763367	181.064	59.109796	404.930
CIRC.	3000.000	281.458370	0.000	718893.032	4370316.117	218.316127	188.900	345.662556	137.199843	167.696	64.546272	404.980
CIRC.	3003.832	281.621013	0.000	718889.359	4370315.021	219.386102	191.019	346.732531	138.332308	165.263	65.678737	404.982
CIRC.	3020.000	282.307197	0.000	718873.836	4370310.502	223.662509	200.437	351.008938	143.461145	155.534	70.807574	404.958
CIRC.	3031.332	282.788150	0.000	718862.927	4370307.434	226.440532	207.455	353.786961	147.413435	149.293	74.759864	404.913
CIRC.	3040.000	283.156023	0.000	718854.568	4370305.143	228.450431	213.030	355.796860	150.644574	144.886	77.991003	404.870
CIRC.	3060.000	284.004849	0.000	718835.229	4370300.042	232.735581	226.501	360.082010	158.797096	136.109	86.143524	404.770
CIRC.	3080.000	284.853676	0.000	718815.825	4370295.199	236.576468	240.700	363.922897	167.867457	129.586	95.213886	404.670
CIRC.	3100.000	285.702502	0.000	718796.357	4370290.615	240.029242	255.503	367.375671	177.661204	125.668	105.007632	404.570

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 3117.266 Dis= 124.576 K : 1.000000000
Distancia: 233.771 Azimut: 292.420961
BO : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 3372.701 Dis= 126.659 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	3100.000	285.702502	0.000	718796.357	4370290.615	177.661204	125.668	285.240242	120.165231	289.727	27.744270	404.570
CIRC.	3120.000	286.551329	0.000	718776.830	4370286.291	187.832488	124.603	295.411527	122.544832	272.709	30.123870	404.470
CIRC.	3140.000	287.400155	0.000	718757.248	4370282.228	197.941978	126.463	305.521017	125.182378	255.970	32.761417	404.370
CIRC.	3160.000	288.248981	0.000	718737.612	4370278.426	207.566342	131.124	315.145381	128.126189	239.572	35.705228	404.270
CIRC.	3180.000	289.097808	0.000	718717.928	4370274.886	216.398395	138.302	323.977434	131.435048	223.593	39.014087	404.170
CIRC.	3200.000	289.946634	0.000	718698.199	4370271.609	224.285923	147.628	331.864962	135.179971	208.133	42.759010	404.070
CIRC.	3220.000	290.795460	0.000	718678.427	4370268.596	231.209622	158.723	338.788660	139.445457	193.320	47.024496	403.970
CIRC.	3240.000	291.644287	0.000	718658.617	4370265.846	237.234545	171.243	344.813584	144.329150	179.317	51.908189	403.870
CIRC.	3243.215	291.780729	0.000	718655.429	4370265.429	238.125929	173.368	345.704968	145.178959	177.155	52.757998	403.854
CIRC.	3260.000	292.493113	0.000	718638.772	4370263.361	242.465094	184.895	350.044133	149.937908	166.331	57.516947	403.795
CIRC.	3270.715	292.947865	0.000	718628.127	4370262.139	244.980232	192.591	352.559270	153.278230	159.880	60.857269	403.785
CIRC.	3280.000	293.341939	0.000	718618.896	4370261.141	247.015002	199.445	354.594041	156.376990	154.621	63.956029	403.793
CIRC.	3300.000	294.190766	0.000	718598.992	4370259.185	250.991409	214.709	358.570448	163.728066	144.501	71.307105	403.863
CIRC.	3320.000	295.039592	0.000	718579.064	4370257.496	254.488305	230.542	362.067343	172.013137	136.327	79.592175	404.006
CIRC.	3331.215	295.515565	0.000	718567.880	4370256.665	256.269570	239.626	363.848609	177.042082	132.733	84.621121	404.118
CIRC.	3340.000	295.888419	0.000	718559.115	4370256.072	257.585090	246.832	365.164129	181.148880	130.466	88.727919	404.214
CIRC.	3360.000	296.737245	0.000	718539.148	4370254.914	260.347531	263.492	367.926570	190.911070	127.240	98.490109	404.434

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B18 X: 718521.044 Y: 4370380.860 Z: 406.104 PK: 3372.701 Dis= 126.659 K : 1.000000000
Distancia: 283.374 Azimut: 299.039331
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 3617.620 Dis= 163.946 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	3360.000	296.737245	0.000	718539.148	4370254.914	190.911070	127.240	291.871740	124.422198	325.074	25.382867	404.434
CIRC.	3380.000	297.586071	0.000	718519.168	4370254.023	200.941392	126.851	301.902061	126.144590	306.993	27.105259	404.654
CIRC.	3400.000	298.434898	0.000	718499.178	4370253.398	210.815786	129.324	311.776455	128.028823	289.041	28.989492	404.874
CIRC.	3420.000	299.283724	0.000	718479.182	4370253.040	220.149050	134.501	321.109719	130.105468	271.248	31.066137	405.094
CLOT.	3420.768	299.316326	0.000	718478.413	4370253.031	220.492678	134.750	321.453347	130.189554	270.568	31.150223	405.103
CLOT.	3440.000	298.856438	0.000	718459.183	4370252.778	228.643952	142.238	329.604621	132.449675	253.736	33.410345	405.314
CLOT.	3460.000	297.402566	0.000	718439.192	4370252.217	236.075079	152.476	337.035748	135.204969	236.781	36.165639	405.534
CLOT.	3480.000	294.953975	0.000	718419.227	4370251.043	242.341583	164.982	343.302252	138.519236	220.708	39.479905	405.754
CIRC.	3493.911	292.664299	0.000	718405.382	4370249.701	246.008194	174.872	346.968863	141.238513	210.276	42.199183	405.907
CIRC.	3498.598	291.811704	0.000	718400.729	4370249.131	247.118908	178.404	348.079577	142.242088	206.935	43.202757	405.959
CIRC.	3500.000	291.556766	0.000	718399.340	4370248.949	247.439195	179.479	348.399864	142.551109	205.955	43.511778	405.974
CIRC.	3520.000	287.918939	0.000	718379.602	4370245.739	251.454834	195.611	352.415503	147.421114	193.018	48.381783	406.183
CLOT.	3520.663	287.798379	0.000	718378.951	4370245.613	251.571239	196.169	352.531909	147.597445	192.625	48.558114	406.189
CLOT.	3540.000	284.746051	0.000	718360.068	4370241.453	254.563374	212.949	355.524044	153.153205	182.302	54.113874	406.371
CLOT.	3560.000	282.567336	0.000	718340.731	4370236.350	256.988747	231.075	357.949416	159.661544	174.013	60.622213	406.540
CLOT.	3568.604	281.936039	0.000	718332.460	4370233.980	257.873958	239.035	358.834628	162.662908	171.216	63.623578	406.606
CLOT.	3580.000	281.383340	0.000	718321.535	4370230.738	258.933376	249.681	359.894045	166.788254	168.223	67.748923	406.692
RECTA	3593.806	281.146352	0.000	718308.326	4370226.725	260.081192	262.691	361.041861	171.963329	165.666	72.923998	406.795
RECTA	3600.000	281.146352	0.000	718302.401	4370224.917	260.558251	268.557	361.518921	174.330592	164.890	75.291262	406.842

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 3617.620 Dis= 163.946 K : 1.000000000
Distancia: 271.518 Azimut: 319.529515
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 3841.265 Dis= 317.910 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	3600.000	281.146352	0.000	718302.401	4370224.917	174.330592	164.890	254.801078	139.818461	399.093	20.288946	406.842
RECTA	3620.000	281.146352	0.000	718283.272	4370219.081	182.070584	163.963	262.541070	142.437736	387.331	22.908221	406.992
RECTA	3620.000	281.146352	0.000	718283.272	4370219.081	182.070584	163.963	262.541070	142.437736	387.331	22.908221	406.992
RECTA	3640.000	281.146352	0.000	718264.142	4370213.244	189.783480	165.466	270.253966	145.216032	376.264	25.686518	407.157
RECTA	3640.000	281.146352	0.000	718264.142	4370213.244	189.783480	165.466	270.253966	145.216032	376.264	25.686518	407.157
RECTA	3660.000	281.146352	0.000	718245.013	4370207.407	197.250552	169.335	277.721037	148.156714	365.956	28.627200	407.293
RECTA	3660.000	281.146352	0.000	718245.013	4370207.407	197.250552	169.335	277.721037	148.156714	365.956	28.627200	407.293
RECTA	3680.000	281.146352	0.000	718225.884	4370201.570	204.292443	175.413	284.762928	151.260781	356.473	31.731266	407.444
RECTA	3680.000	281.146352	0.000	718225.884	4370201.570	204.292443	175.413	284.762928	151.260781	356.473	31.731266	407.444
RECTA	3700.000	281.146352	0.000	718206.754	4370195.733	210.789495	183.480	291.259980	154.526245	347.883	34.996730	407.647
RECTA	3700.000	281.146352	0.000	718206.754	4370195.733	210.789495	183.480	291.259980	154.526245	347.883	34.996730	407.647
RECTA	3720.000	281.146352	0.000	718187.625	4370189.896	216.683903	193.287	297.154388	157.947525	340.253	38.418010	407.840
RECTA	3720.000	281.146352	0.000	718187.625	4370189.896	216.683903	193.287	297.154388	157.947525	340.253	38.418010	407.840
RECTA	3740.000	281.146352	0.000	718168.496	4370184.060	221.968740	204.585	302.439225	161.514916	333.649	41.985401	408.018
RECTA	3740.000	281.146352	0.000	718168.496	4370184.060	221.968740	204.585	302.439225	161.514916	333.649	41.985401	408.018
RECTA	3760.000	281.146352	0.000	718149.366	4370178.223	226.671885	217.141	307.142370	165.214223	328.133	45.684709	408.247
RECTA	3760.000	281.146352	0.000	718149.366	4370178.223	226.671885	217.141	307.142370	165.214223	328.133	45.684709	408.247
RECTA	3780.000	281.146352	0.000	718130.237	4370172.386	230.840929	230.750	311.311414	169.026658	323.760	49.497143	408.478
RECTA	3780.000	281.146352	0.000	718130.237	4370172.386	230.840929	230.750	311.311414	169.026658	323.760	49.497143	408.478
RECTA	3800.000	281.146352	0.000	718111.108	4370166.549	234.531787	245.236	315.002272	172.929053	320.577	53.399538	408.709
RECTA	3800.000	281.146352	0.000	718111.108	4370166.549	234.531787	245.236	315.002272	172.929053	320.577	53.399538	408.709
RECTA	3820.000	281.146352	0.000	718091.978	4370160.712	237.801327	260.454	318.271812	176.894470	318.621	57.364955	408.951
RECTA	3820.000	281.146352	0.000	718091.978	4370160.712	237.801327	260.454	318.271812	176.894470	318.621	57.364955	408.951
RECTA	3840.000	281.146352	0.000	718072.849	4370154.875	240.703208	276.281	321.173693	180.893163	317.913	61.363648	409.158
RECTA	3840.000	281.146352	0.000	718072.849	4370154.875	240.703208	276.281	321.173693	180.893163	317.913	61.363648	409.158

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 164 (Derecha): VÍA DE SERVICIO M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 3841.265 Dis= 317.910 K : 1.000000000
Distancia: 228.305 Azimut: 326.207092
BO : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 3954.361 Dis= 470.239 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	3840.000	281.146352	0.000	718072.849	4370154.875	180.893163	317.913	254.686071	158.324646	498.006	32.117554	409.158
RECTA	3860.000	281.146352	0.000	718053.720	4370149.038	184.893852	318.462	258.686761	160.751831	491.346	34.544739	409.344
RECTA	3860.000	281.146352	0.000	718053.720	4370149.038	184.893852	318.462	258.686761	160.751831	491.346	34.544739	409.344
RECTA	3880.000	281.146352	0.000	718034.590	4370143.202	188.865164	320.262	262.658073	163.241985	485.420	37.034893	409.597
RECTA	3880.000	281.146352	0.000	718034.590	4370143.202	188.865164	320.262	262.658073	163.241985	485.420	37.034893	409.597
RECTA	3900.000	281.146352	0.000	718015.461	4370137.365	192.777085	323.291	266.569993	165.789688	480.253	39.582596	409.796
RECTA	3900.000	281.146352	0.000	718015.461	4370137.365	192.777085	323.291	266.569993	165.789688	480.253	39.582596	409.796
RECTA	3920.000	281.146352	0.000	717996.332	4370131.528	196.602258	327.515	270.395167	168.388536	475.872	42.181444	410.034
RECTA	3920.000	281.146352	0.000	717996.332	4370131.528	196.602258	327.515	270.395167	168.388536	475.872	42.181444	410.034
RECTA	3940.000	281.146352	0.000	717977.202	4370125.691	200.317002	332.890	274.109910	171.031185	472.298	44.824093	410.297
RECTA	3940.000	281.146352	0.000	717977.202	4370125.691	200.317002	332.890	274.109910	171.031185	472.298	44.824093	410.297
RECTA	3954.361	281.146352	0.000	717963.466	4370121.500	202.905326	337.429	276.698234	172.951262	470.239	46.744170	410.484

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 165 (Derecha): ENLACE A-66 - RAMAL 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 0.000 Dis= 172.101 K : 1.000000000
Distancia: 190.912 Azimut: 82.582182
BO : B01 X: 721776.335 Y: 4371188.777 Z: 408.569 PK: 0.000 Dis= -70.852 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	113.817454	0.000	721763.668	4371119.066	106.717755	172.101	24.135574	211.443276	70.852	328.861094	405.681
CIRC.	1.868	116.790566	0.000	721765.482	4371118.621	106.809675	173.952	24.227493	209.771088	70.990	327.188906	405.704
CIRC.	3.722	119.740681	0.000	721767.260	4371118.097	106.929820	175.776	24.347638	208.129807	71.260	325.547625	405.722
CIRC.	5.547	122.645975	0.000	721768.985	4371117.500	107.075227	177.556	24.493045	206.541972	71.655	323.959790	405.737
CIRC.	7.332	125.486056	0.000	721770.643	4371116.842	107.242333	179.278	24.660152	205.026898	72.160	322.444716	405.748
CIRC.	8.958	128.075154	0.000	721772.128	4371116.178	107.415346	180.829	24.833164	203.685105	72.721	321.102923	405.755
CIRC.	10.320	130.242195	0.000	721773.349	4371115.576	107.574763	182.113	24.992581	202.595397	73.262	320.013216	405.759
CIRC.	20.000	145.648443	0.000	721781.340	4371110.155	109.054761	190.742	26.472579	195.952539	78.781	313.370357	405.808
CIRC.	25.902	155.041582	0.000	721785.487	4371105.963	110.214851	195.474	27.632669	192.992876	83.318	310.410694	405.837
RECTA	37.315	173.205789	0.000	721791.563	4371096.347	112.885460	203.187	30.303278	189.604851	93.676	307.022669	405.938
RECTA	40.000	173.205789	0.000	721792.660	4371093.896	113.563328	204.766	30.981147	189.152501	96.275	306.570319	405.974
RECTA	60.000	173.205789	0.000	721800.832	4371075.642	118.290515	217.211	35.708334	186.425180	115.757	303.842998	406.395
RECTA	67.973	173.205789	0.000	721804.089	4371068.365	120.023592	222.479	37.441411	185.578323	123.569	302.996141	406.637
RECTA	68.034	173.205789	0.000	721804.114	4371068.309	120.036622	222.521	37.454441	185.572215	123.630	302.990033	406.640

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 166 (Derecha): ENLACE MALPARTIDA ESTE - REPOSCIÓN N-521

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B22                  X:  717621.958  Y: 4370667.207  Z: 402.525  PK:       0.000 Dis=-616.913  K : 1.000000000
                                                                        Distancia:   413.407  Azimut: 133.676414
 BO : B20                  X:  717978.860  Y: 4370458.577  Z: 409.524  PK:      94.647 Dis=-365.033  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	86.130567	0.000	717803.920	4370077.740	180.939018	616.913	47.262604	227.413331	419.095	293.736917	412.240
RECTA	0.180	86.130567	0.000	717804.095	4370077.779	180.920541	616.928	47.244127	227.391575	418.987	293.715162	412.239
CLOT.	0.798	86.130567	0.000	717804.700	4370077.913	180.856908	616.978	47.180495	227.316557	418.614	293.640143	412.236
CLOT.	20.000	85.672126	0.000	717823.437	4370082.108	178.887588	618.817	45.211174	224.925510	407.290	291.249096	412.115
CLOT.	40.000	84.219758	0.000	717842.886	4370086.768	176.846717	621.063	43.170303	222.319876	395.893	288.643462	411.938
CLOT.	60.000	81.772672	0.000	717862.183	4370092.021	174.813653	623.335	41.137239	219.618466	384.678	285.942052	411.711
CLOT.	62.580	81.384616	0.000	717864.655	4370092.757	174.551794	623.614	40.875380	219.264183	383.232	285.587769	411.677
CIRC.	73.941	79.478540	0.000	717875.485	4370096.190	173.399040	624.769	39.722626	217.690387	376.843	284.013973	411.530
CIRC.	74.840	79.315066	0.000	717876.337	4370096.476	173.307880	624.854	39.631466	217.565038	376.335	283.888624	411.518
CIRC.	80.000	78.376511	0.000	717881.215	4370098.159	172.784546	625.324	39.108132	216.843068	373.411	283.166654	411.468
CIRC.	85.240	77.423396	0.000	717886.142	4370099.942	172.253174	625.766	38.576760	216.105806	370.427	282.429392	411.451
CIRC.	94.647	75.712358	0.000	717894.919	4370103.326	171.299435	626.474	37.623021	214.771533	365.033	281.095119	411.506

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 167 (Derecha): C.A.: 3,7 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B20                  X:  717978.860  Y: 4370458.577  Z: 409.524  PK:      52.818 Dis=-379.918  K : 1.000000000
                                                                        Distancia:   271.518  Azimut: 119.529515
 BO : B19                  X:  718237.702  Y: 4370376.584  Z: 405.120  PK:      52.818 Dis= 432.470  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	1.745080	0.000	717916.000	4370030.680	209.285813	432.490	89.756298	247.693141	472.379	328.163627	410.270
RECTA	8.652	1.745080	0.000	717916.237	4370039.329	209.439372	423.899	89.909857	248.474272	465.919	328.944758	410.227
RECTA	16.652	1.745080	0.000	717916.456	4370047.326	209.586994	415.958	90.057479	249.215918	460.010	329.686404	410.207
RECTA	20.000	1.745080	0.000	717916.548	4370050.672	209.650451	412.636	90.120937	249.531921	457.557	330.002406	410.210
CIRC.	25.572	1.745080	0.000	717916.701	4370056.243	209.758376	407.108	90.228862	250.065484	453.498	330.535969	410.232
CIRC.	40.000	7.868433	0.000	717917.789	4370070.624	209.940032	392.731	90.410517	251.419017	442.669	331.889502	410.377
CIRC.	40.653	8.145585	0.000	717917.871	4370071.272	209.943251	392.078	90.413736	251.478277	442.163	331.948762	410.387
CIRC.	41.545	8.523995	0.000	717917.987	4370072.156	209.946916	391.187	90.417402	251.558893	441.468	332.029378	410.400
CIRC.	46.054	10.437775	0.000	717918.656	4370076.615	209.952351	386.678	90.422836	251.961292	437.918	332.431777	410.502
CIRC.	46.054	10.437784	0.000	717918.656	4370076.615	209.952351	386.678	90.422836	251.961294	437.918	332.431779	410.502
CIRC.	50.563	12.351554	0.000	717919.459	4370081.052	209.935335	382.170	90.405820	252.354541	434.302	332.825026	410.569
CIRC.	52.818	13.308456	0.000	717919.910	4370083.261	209.918162	379.918	90.388648	252.547613	432.470	333.018098	410.569

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 168 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA V.S. M.D. (2)

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B11                  X:  719862.606  Y: 4370746.086  Z: 403.681  PK:       4.583 Dis= 699.407  K : 1.000000000
                                                                        Distancia:   204.022  Azimut:  79.059068
 BO : B10                  X:  720055.689  Y: 4370811.993  Z: 405.592  PK:       4.588 Dis= 903.428  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	0.000000	0.000	719201.081	4370516.705	278.751382	700.165	199.692314	278.820809	904.184	399.761741	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 168 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA V.S. M.D. (2)

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B10                  X:  720055.689  Y: 4370811.993  Z: 405.592  PK:       4.588 Dis= 903.428  K : 1.000000000
                                                                        Distancia:   403.730  Azimut: 281.319155
 BO : B12                  X:  719669.216  Y: 4370695.216  Z: 397.451  PK:       4.964 Dis= 500.121  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	0.000000	0.000	719201.081	4370516.705	278.820809	904.184	397.501653	276.807761	501.015	195.488606	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 168 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA V.S. M.D. (2)

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B12                  X:  719669.216  Y: 4370695.216  Z: 397.451  PK:       4.964 Dis= 500.121  K : 1.000000000
                                                                        Distancia:   125.835  Azimut: 281.128901
 BO : B13                  X:  719548.869  Y: 4370658.459  Z: 401.680  PK:       5.228 Dis= 374.567  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	0.000000	0.000	719201.081	4370516.705	276.807761	501.015	395.678860	275.360934	375.567	194.232033	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 168 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA V.S. M.D. (2)

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B13                  X:  719548.869  Y: 4370658.459  Z: 401.680  PK:       5.228 Dis= 374.567  K : 1.000000000
                                                                        Distancia:   221.540  Azimut: 285.005166
 BO : B14                  X:  719333.446  Y: 4370606.759  Z: 400.027  PK:       7.722 Dis= 157.850  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	0.000000	0.000	719201.081	4370516.705	275.360934	375.567	390.355768	261.967546	160.094	176.962381	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 168 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA V.S. M.D. (2)

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B14                  X:  719333.446  Y: 4370606.759  Z: 400.027  PK:       7.722 Dis= 157.850  K : 1.000000000
                                                                        Distancia:   211.257  Azimut: 283.325931
 BO : B15                  X:  719129.394  Y: 4370552.058  Z: 402.092  PK:      36.285 Dis=  53.658  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	0.000000	0.000	719201.081	4370516.705	261.967546	160.094	378.641615	129.167045	79.930	45.841114	402.000
CIRC.	20.000	309.054318	0.000	719189.066	4370530.564	269.086296	163.253	385.760366	122.010372	63.425	38.684441	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 168 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA V.S. M.D. (2)

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B15                  X:  719129.394  Y: 4370552.058  Z: 402.092  PK:      36.285 Dis=  53.658  K : 1.000000000
                                                                        Distancia:   190.802  Azimut: 281.452411
 BO : B16                  X:  718946.633  Y: 4370497.252  Z: 407.027  PK:      45.112 Dis= 227.234  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	309.054318	0.000	719189.066	4370530.564	122.010372	63.425	240.557961	91.306842	244.711	9.854431	402.000
CIRC.	40.000	218.108636	0.000	719173.644	4370520.634	139.311593	54.272	257.859182	93.465864	228.212	12.013453	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 168 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA V.S. M.D. (2)

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B16                  X:  718946.633  Y: 4370497.252  Z: 407.027  PK:      45.112 Dis= 227.234  K : 1.000000000
                                                                        Distancia:   719.127  Azimut: 289.266882
 BO : B19                  X:  718237.702  Y: 4370376.584  Z: 405.120  PK:      46.034 Dis= 945.664  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	218.108636	0.000	719173.644	4370520.634	93.465864	228.212	204.198982	90.278118	946.962	1.011236	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 168 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA V.S. M.D. (2)

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B19                  X:  718237.702  Y: 4370376.584  Z: 405.120  PK:      46.034 Dis= 945.664  K : 1.000000000
                                                                        Distancia:   283.374  Azimut:  99.039331
 BO : B18                  X:  718521.044  Y: 4370380.860  Z: 406.104  PK:      46.799 Dis= 665.750  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	218.108636	0.000	719173.644	4370520.634	90.278118	946.962	391.238788	86.567790	667.400	187.528459	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 168 (Derecha): ENLACE MALPARTIDA ESTE - GLORIETA V.S. M.D. (2)

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B18                  X:  718521.044  Y: 4370380.860  Z: 406.104  PK:      46.799 Dis= 665.750  K : 1.000000000
                                                                        Distancia:   233.771  Azimut:  92.420961
 BO : B17                  X:  718753.160  Y: 4370408.625  Z: 404.457  PK:      47.400 Dis= 433.179  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	40.000	218.108636	0.000	719173.644	4370520.634	86.567790	667.400	394.146829	83.426487	435.147	191.005526	402.000
CIRC.	60.000	127.162955	0.000	719181.287	4370503.960	88.265152	671.621	395.844191	86.051330	438.614	193.630369	402.000
CIRC.	80.000	36.217273	0.000	719198.876	4370509.163	88.090646	689.868	395.669684	85.876392	456.914	193.455431	402.000
CIRC.	87.965	0.000000	0.000	719201.081	4370516.705	87.448006	693.473	395.027045	84.926927	460.776	192.505966	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 169 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 5

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B13                  X:  719548.869  Y: 4370658.459  Z: 401.680  PK:       0.000 Dis= 105.989  K : 1.000000000
                                                                        Distancia:   221.540  Azimut: 285.005166
 BO : B14                  X:  719333.446  Y: 4370606.759  Z: 400.027  PK:     143.688 Dis=  45.758  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	0.000	280.383015	0.000	719479.592	4370578.245	245.350580	105.989	360.345415	112.266792	148.902	27.261627	402.259
CLOT.	0.560	280.384014	0.000	719479.058	4370578.075	245.525796	106.467	360.520631	112.382203	148.410	27.377038	402.257
CLOT.	6.203	280.505483	0.000	719473.680	4370576.367	247.207747	111.321	362.202581	113.586713	143.490	28.581547	402.237
CLOT.	11.558	280.808260	0.000	719468.570	4370574.764	248.681662	115.986	363.676496	114.801441	138.861	29.796276	402.220
CLOT.	16.472	281.246655	0.000	719463.874	4370573.320	249.946264	120.303	364.941098	115.977381	134.646	30.972216	402.207
CLOT.	20.000	281.656254	0.000	719460.494	4370572.306	250.810445	123.419	365.805280	116.858236	131.637	31.853070	402.200
CLOT.	22.027	281.927412	0.000	719458.550	4370571.734	251.292377	125.215	366.287212	117.378136	129.914	32.372970	402.195
CLOT.	25.770	282.496859	0.000	719454.952	4370570.702	252.157581	128.537	367.152416	118.364835	126.743	33.359670	402.189
CLOT.	28.704	283.005671	0.000	719452.125	4370569.916	252.815990	131.146	367.810824	119.162733	124.266	34.157567	402.186
CLOT.	33.301	283.912868	0.000	719447.683	4370568.735	253.817443	135.237	368.812278	120.455887	120.399	35.450722	402.183
CLOT.	36.931	284.724463	0.000	719444.162	4370567.849	254.586736	138.469	369.581571	121.514954	117.355	36.509788	402.182
CLOT.	37.238	284.796961	0.000	719443.864	4370567.776	254.651048	138.742	369.645882	121.606074	117.097	36.600908	402.182
CLOT.	40.000	285.475973	0.000	719441.177	4370567.137	255.224740	141.199	370.219574	122.436440	114.786	37.431274	402.184
CLOT.	42.886	286.237414	0.000	719438.362	4370566.501	255.816147	143.764	370.810981	123.325167	112.375	38.320001	402.186
CLOT.	47.383	287.529683	0.000	719433.960	4370565.580	256.724441	147.752	371.719276	124.753407	108.622	39.748242	402.192
CLOT.	51.181	288.721039	0.000	719430.229	4370564.875	257.481765	151.107	372.476599	126.001028	105.457	40.995862	402.200
CIRC.	52.632	289.200463	0.000	719428.800	4370564.625	257.769398	152.386	372.764233	126.487947	104.248	41.482782	402.204
CIRC.	54.501	289.826708	0.000	719426.956	4370564.319	258.138826	154.030	373.133661	127.123715	102.690	42.118549	402.208
CIRC.	57.479	290.824682	0.000	719424.012	4370563.868	258.725101	156.642	373.719935	128.157585	100.209	43.152420	402.218
CIRC.	60.000	291.669348	0.000	719421.515	4370563.522	259.219073	158.846	374.213908	129.053771	98.110	44.048606	402.227
CIRC.	60.189	291.732793	0.000	719421.327	4370563.498	259.256097	159.011	374.250931	129.121906	97.952	44.116740	402.228
CLOT.	62.069	292.362525	0.000	719419.462	4370563.264	259.622986	160.650	374.617820	129.804642	96.388	44.799476	402.247
CLOT.	80.000	297.347153	0.000	719401.590	4370561.864	263.045059	176.129	378.039893	137.086336	81.604	52.081171	402.426
CLOT.	99.273	300.422415	0.000	719382.321	4370561.586	266.461730	192.672	381.456564	147.495295	66.553	62.490130	402.619
CLOT.	100.000	300.492102	0.000	719381.594	4370561.591	266.583544	193.298	381.578378	147.967216	66.018	62.962050	402.626
CLOT.	114.700	301.179973	0.000	719366.896	4370561.811	268.918608	206.047	383.913442	159.271111	56.029	74.265946	402.733
CLOT.	120.000	300.931638	0.000	719361.597	4370561.902	269.693974	210.699	384.688809	164.320934	52.958	79.315769	402.755
CLOT.	129.273	299.302201	0.000	719352.324	4370561.938	270.938723	218.967	385.933558	174.622463	48.634	89.617297	402.769
CLOT.	140.000	295.520501	0.000	719341.606	4370561.530	272.151483	228.808	387.146318	188.636034	45.959	103.630868	402.750
CIRC.	157.053	285.319549	0.000	719324.747	4370559.090	273.432143	245.163	388.426978	211.490965	48.456	126.485800	402.640

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 169 (Derecha): ENLACE MALPARTIDA ESTE - RAMAL 5

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B14 X: 719333.446 Y: 4370606.759 Z: 400.027 PK: 143.688 Dis= 45.758 K : 1.000000000
Distancia: 211.257 Azimut: 283.325931
BO : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 294.448 Dis= 81.112 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	140.000	295.520501	0.000	719341.606	4370561.530	188.636034	45.959	305.310103	97.160263	212.424	13.834332	402.750
CIRC.	157.053	285.319549	0.000	719324.747	4370559.090	211.490965	48.456	328.165035	97.709382	195.480	14.383451	402.640
CIRC.	160.000	283.112586	0.000	719321.891	4370558.367	214.922166	49.753	331.596236	97.914271	192.600	14.588340	402.612
CLOT.	165.722	278.827292	0.000	719316.424	4370556.682	220.860070	52.891	337.534139	98.426286	187.087	15.100355	402.547
CLOT.	168.273	276.973731	0.000	719314.025	4370555.814	223.186689	54.522	339.860759	98.705134	184.669	15.379203	402.515
CLOT.	180.000	269.935921	0.000	719303.323	4370551.033	231.548330	63.346	348.222399	100.375183	173.932	17.049252	402.363
CLOT.	200.000	263.543351	0.000	719286.092	4370540.897	239.684259	81.118	356.358328	104.526724	157.095	21.200794	402.103
RECTA	208.075	262.966869	0.000	719279.332	4370536.481	241.773536	88.698	358.447605	106.590237	150.745	23.264306	401.998
RECTA	220.000	262.966869	0.000	719269.368	4370529.928	244.254028	100.045	360.928097	109.982232	141.713	26.656301	401.843
RECTA	225.274	262.966869	0.000	719264.962	4370527.031	245.179515	105.103	361.853584	111.621822	137.859	28.295891	401.774
RECTA	240.000	262.966869	0.000	719252.658	4370518.939	247.346654	119.328	364.020724	116.710236	127.635	33.384305	401.635
CIRC.	242.545	262.966869	0.000	719250.532	4370517.541	247.669735	121.798	364.343804	117.671561	125.959	34.345630	401.621
CIRC.	252.574	275.736065	0.000	719241.657	4370512.905	249.291725	131.277	365.965794	121.363052	118.895	38.037121	401.597
CIRC.	260.000	285.191716	0.000	719234.584	4370510.664	250.903234	137.869	367.577304	123.867266	113.042	40.541336	401.610
CIRC.	280.000	310.656507	0.000	719214.728	4370510.016	256.470520	153.144	373.144589	129.142630	95.129	45.816699	401.776
RECTA	283.747	315.426972	0.000	719211.061	4370510.778	257.660682	155.533	374.334751	129.794730	91.507	46.468799	401.828
RECTA	286.174	315.426972	0.000	719208.705	4370511.360	258.435846	157.039	375.109915	130.182569	89.143	46.856638	401.866
RECTA	294.448	315.426972	0.000	719200.672	4370513.346	260.968513	162.342	377.642582	131.674480	81.112	48.348549	401.998

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 171 (Derecha): C.A.: 2,5 M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 0.000 Dis=-240.574 K : 1.000000000
Distancia: 190.802 Azimut: 81.452411
BO : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 10.510 Dis= -57.506 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	398.955681	0.000	719184.894	4370530.533	91.164576	240.574	9.712165	123.553136	59.528	242.100725	402.000

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 171 (Derecha): C.A.: 2,5 M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 10.510 Dis= -57.506 K : 1.000000000
Distancia: 211.257 Azimut: 83.325031
BO : B14 X: 719333.446 Y: 4370606.759 Z: 400.027 PK: 74.184 Dis= 106.852 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	398.955681	0.000	719184.894	4370530.533	123.553136	59.528	40.227205	269.818376	166.967	386.492445	402.000
CIRC.	2.920	2.673602	0.000	719184.931	4370533.453	120.578925	58.571	37.252994	270.810259	165.621	387.484328	401.942
CIRC.	20.000	24.420472	0.000	719188.521	4370550.066	102.143519	59.161	18.817589	276.261407	155.619	392.935476	401.478
CIRC.	26.920	33.231351	0.000	719191.546	4370556.284	95.677832	62.296	12.351902	278.243506	150.610	394.917575	401.222
CIRC.	40.000	49.885263	0.000	719199.468	4370566.645	86.934316	71.576	3.608385	281.479910	139.854	398.153979	400.698
CIRC.	48.016	60.091889	0.000	719205.556	4370571.847	83.816970	78.691	0.491039	283.034458	132.569	399.708528	400.378
CIRC.	60.000	75.350054	0.000	719216.007	4370577.652	81.708590	90.316	398.382659	284.533156	120.992	1.207225	399.988
RECTA	64.388	80.937016	0.000	719220.138	4370579.129	81.543533	94.696	398.217602	284.773078	116.628	1.447147	399.890
RECTA	72.016	80.937016	0.000	719227.427	4370581.379	81.498317	102.324	398.172387	285.041343	109.015	1.715413	399.778
RECTA	74.184	80.937016	0.000	719229.498	4370582.018	81.486673	104.491	398.160742	285.124554	106.852	1.798623	399.756

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 172 (Derecha): C.A.: 3,2 M.D.

==========
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 18.517 Dis= 201.107 K : 1.000000000
Distancia: 613.179 Azimut: 79.053268
BO : B14 X: 719333.446 Y: 4370606.759 Z: 400.027 PK: 18.986 Dis= 814.271 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	386.851986	0.000	718566.087	4370328.109	274.125666	203.665	195.072398	277.825126	816.386	398.771858	407.307

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 172 (Derecha): C.A.: 3,2 M.D.

==========
* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B14 X: 719333.446 Y: 4370606.759 Z: 400.027 PK: 18.986 Dis= 814.271 K : 1.000000000
Distancia: 211.257 Azimut: 283.325931
BO : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 20.008 Dis= 603.573 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	386.851986	0.000	718566.087	4370328.109	277.825126	816.386	394.499195	275.910200	606.192	192.584270	407.307
RECTA	0.217	386.851986	0.000	718566.042	4370328.321	277.841857	816.355	394.515926	275.932627	606.155	192.606696	407.298
CIRC.	13.052	386.851986	0.000	718563.410	4370340.884	278.834934	814.644	395.509003	277.265543	604.096	193.939612	406.535
CIRC.	20.000	378.005963	0.000	718561.518	4370347.563	279.376818	814.282	396.050887	277.995367	603.573	194.669436	405.914
CIRC.	28.589	367.069499	0.000	718557.931	4370355.356	280.042890	815.246	396.716959	278.895751	604.368	195.569820	404.944
CIRC.	28.589	367.069496	0.000	718557.931	4370355.356	280.042890	815.246	396.716959	278.895751	604.368	195.569820	404.944
RECTA	34.166	359.969585	0.000	718554.909	4370360.040	280.462790	816.694	397.136859	279.464518	605.726	196.138588	404.328

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 172 (Derecha): C.A.: 3,2 M.D.

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B15                   X:  719129.394  Y: 4370552.058  Z: 402.092  PK:      20.008 Dis= 603.573  K : 1.000000000
                                                                        Distancia:   190.802  Azimut: 281.452411
 BO : B16                   X:  718946.633  Y: 4370497.252  Z: 407.027  PK:      21.125 Dis= 413.169  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	378.005963	0.000	718561.518	4370347.563	277.995367	603.573	396.542956	276.399572	413.183	194.947161	405.914

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 172 (Derecha): C.A.: 3,2 M.D.

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B16                   X:  718946.633  Y: 4370497.252  Z: 407.027  PK:      21.125 Dis= 413.169  K : 1.000000000
                                                                        Distancia:   441.218  Azimut: 283.005007
 BO : B18                   X:  718521.044  Y: 4370380.860  Z: 406.104  PK:      55.915 Dis= -21.319  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	378.005963	0.000	718561.518	4370347.563	276.399572	413.183	393.394566	143.825250	52.410	60.820243	405.914
CIRC.	28.589	367.069499	0.000	718557.931	4370355.356	277.717109	413.791	394.712102	138.510700	44.845	55.505693	404.944
CIRC.	28.589	367.069496	0.000	718557.931	4370355.356	277.717109	413.791	394.712103	138.510699	44.845	55.505692	404.944
RECTA	34.166	359.969585	0.000	718554.909	4370360.040	278.550808	415.060	395.545801	135.092370	39.754	52.087364	404.328
RECTA	40.000	359.969585	0.000	718551.478	4370364.758	279.404318	416.776	396.399311	130.980595	34.431	47.975589	403.868
RECTA	51.266	359.969585	0.000	718544.852	4370373.869	281.031967	420.299	398.026960	118.183291	24.813	35.178284	403.515
RECTA	55.226	359.969585	0.000	718542.523	4370377.071	281.597506	421.602	398.592499	111.114981	21.810	28.109974	403.559
RECTA	55.915	359.969585	0.000	718542.117	4370377.629	281.695620	421.833	398.690613	109.685350	21.319	26.680343	403.574

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 173 (Derecha): C.A.: 0,5 M.D.

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B05                   X:  721114.883  Y: 4370981.771  Z: 418.756  PK:       0.000 Dis=-144.510  K : 1.000000000
                                                                        Distancia:   266.093  Azimut: 286.365409
 BO : B06                   X:  720854.869  Y: 4370925.216  Z: 415.878  PK:      49.354 Dis=-269.927  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	336.209819	0.000	721085.358	4371123.233	386.900792	144.510	100.535383	54.815085	303.868	368.449676	408.243
CIRC.	0.000	336.209813	0.000	721085.358	4371123.233	386.900791	144.510	100.535382	54.815084	303.868	368.449675	408.243
CIRC.	16.900	309.311864	0.000	721069.643	4371129.103	381.033854	154.121	94.668444	51.655137	296.139	365.289728	408.020
CIRC.	20.000	304.378830	0.000	721066.563	4371129.436	379.867033	155.370	93.501624	51.143853	294.143	364.778444	408.028
CIRC.	20.100	304.218905	0.000	721066.462	4371129.443	379.828865	155.407	93.463455	51.127728	294.075	364.762319	408.028
RECTA	34.548	281.225626	0.000	721052.187	4371127.804	374.183211	158.922	87.817801	49.161240	282.801	362.795831	408.100
RECTA	40.000	281.225626	0.000	721046.970	4371126.219	372.021423	159.616	85.656014	48.558688	278.038	362.193279	408.128
RECTA	49.354	281.225626	0.000	721038.020	4371123.500	368.364414	161.230	81.999005	47.475607	269.927	361.110198	408.174

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 174 (Derecha): ENLACE MALPARTIDA OESTE - GLORIETA SUR

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B45                   X:  713397.615  Y: 4370959.383  Z: 357.404  PK:      28.748 Dis= 996.424  K : 1.000000000
                                                                        Distancia:   470.928  Azimut: 226.827197
 BO : B47                   X:  713204.987  Y: 4370529.653  Z: 359.989  PK:      29.743 Dis= 526.520  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	0.000000	0.000	713049.805	4370009.109	222.336822	1011.926	395.509625	218.444565	543.183	191.617368	366.530
CIRC.	4.903	386.995280	0.000	713049.306	4370013.977	222.472169	1007.527	395.644971	218.665470	538.663	191.838272	366.393
CIRC.	4.903	386.995279	0.000	713049.306	4370013.977	222.472169	1007.527	395.644971	218.665470	538.663	191.838272	366.393
CIRC.	20.000	346.948352	0.000	713041.943	4370026.873	223.197266	998.037	396.370069	219.963462	528.556	193.136265	366.030

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 174 (Derecha): ENLACE MALPARTIDA OESTE - GLORIETA SUR

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B47                   X:  713204.987  Y: 4370529.653  Z: 359.989  PK:      29.743 Dis= 526.520  K : 1.000000000
                                                                        Distancia:   197.142  Azimut:   1.827356
 BO : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:      31.649 Dis= 717.029  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	346.948352	0.000	713041.943	4370026.873	219.963462	528.556	218.136106	215.058921	719.888	13.231565	366.030

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 174 (Derecha): ENLACE MALPARTIDA OESTE - GLORIETA SUR

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B46                   X:  713210.645  Y: 4370726.714  Z: 358.635  PK:      31.649 Dis= 717.029  K : 1.000000000
                                                                        Distancia:   488.070  Azimut: 221.094286
 BO : B48                   X:  713051.867  Y: 4370265.193  Z: 361.446  PK:      35.265 Dis= 233.407  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	346.948352	0.000	713041.943	4370026.873	215.058921	719.888	393.964635	202.649502	238.527	181.555216	366.030

```
Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 174 (Derecha): ENLACE MALPARTIDA OESTE - GLORIETA SUR

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                                 * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                 ==========================================
Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                 D : Reduccion al nivel del mar:NO
                                 D : Paso de la cuerda al arco :NO
                                 D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B48                       X:  713051.867  Y: 4370265.193  Z: 361.446  PK:      35.265 Dis= 233.407  K : 1.000000000
                                                                                Distancia:   211.037  Azimut: 258.907533
BO : B49                       X:  712883.288  Y: 4370138.237  Z: 360.572  PK:      57.731 Dis= 168.315  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
----- ----------- ---------- --------- ------------ ------------ ---------- --------- ---------- ---------- --------- ---------- ----------

CIRC.      20.000 346.948352     0.000   713041.943  4370026.873 202.649502   238.527 343.741969 138.962299   193.838  80.054766    366.030

CIRC.      40.000 293.896705     0.000   713023.508  4370032.998 207.737138   233.920 348.829605 140.988036   175.319  82.080502    365.830

CIRC.      42.602 286.995279     0.000   713020.936  4370032.610 208.416873   234.631 349.509340 141.668466   173.506  82.760933    365.827
```

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Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 174 (Derecha): ENLACE MALPARTIDA OESTE - GLORIETA SUR

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                                 * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                 ==========================================
Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                 D : Reduccion al nivel del mar:NO
                                 D : Paso de la cuerda al arco :NO
                                 D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B49                       X:  712883.288  Y: 4370138.237  Z: 360.572  PK:      57.731 Dis= 168.315  K : 1.000000000
                                                                                Distancia:   787.226  Azimut: 274.793313
BO : B54                       X:  712156.968  Y: 4369834.619  Z: 352.894  PK:      80.155 Dis= 862.185  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
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CIRC.      40.000 293.896705     0.000   713023.508  4370032.998 140.988036   175.319 266.194722  85.672576   888.957  10.879263    365.830

CIRC.      42.602 286.995279     0.000   713020.936  4370032.610 141.668466   173.506 266.875152  85.658584   886.364  10.865271    365.827

CIRC.      60.000 240.845057     0.000   713006.577  4370023.472 147.721329   168.438 272.928016  86.075473   870.346  11.282159    365.947

CIRC.      80.000 187.793409     0.000   713002.245  4370004.535 153.711138   178.961 278.917824  87.371095   862.186  12.577782    366.384

CIRC.      80.301 186.995279     0.000   713002.304  4370004.240 153.765085   179.221 278.971772  87.393312   862.186  12.599999    366.393
```

```
Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 174 (Derecha): ENLACE MALPARTIDA OESTE - GLORIETA SUR

                                 ==========================================
                                 * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                 ==========================================
Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                 D : Reduccion al nivel del mar:NO
                                 D : Paso de la cuerda al arco :NO
                                 D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B54                       X:  712156.968  Y: 4369834.619  Z: 352.894  PK:      80.155 Dis= 862.185  K : 1.000000000
                                                                                Distancia:   183.887  Azimut: 109.678266
BO : B53                       X:  712338.734  Y: 4369806.771  Z: 354.808  PK:      82.272 Dis= 692.245  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
----- ----------- ---------- --------- ------------ ------------ ---------- --------- ---------- ---------- --------- ---------- ----------

CIRC.      80.000 187.793409     0.000   713002.245  4370004.535  87.371095   862.186 377.692830  81.558830   692.356 171.880565    366.384
```

```
Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 174 (Derecha): ENLACE MALPARTIDA OESTE - GLORIETA SUR

                                 ==========================================
                                 * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                 ==========================================
Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                 D : Reduccion al nivel del mar:NO
                                 D : Paso de la cuerda al arco :NO
                                 D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B53                       X:  712338.734  Y: 4369806.771  Z: 354.808  PK:      82.272 Dis= 692.245  K : 1.000000000
                                                                                Distancia:   436.916  Azimut:  81.948370
BO : B51                       X:  712758.203  Y: 4369929.007  Z: 362.758  PK:      82.378 Dis= 255.333  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
----- ----------- ---------- --------- ------------ ------------ ---------- --------- ---------- ---------- --------- ---------- ----------

CIRC.      80.000 187.793409     0.000   713002.245  4370004.535  81.558830   692.356 399.610460  80.892593   255.462 198.944222    366.384
```

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Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 174 (Derecha): ENLACE MALPARTIDA OESTE - GLORIETA SUR

                                 ==========================================
                                 * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                 ==========================================
Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                 D : Reduccion al nivel del mar:NO
                                 D : Paso de la cuerda al arco :NO
                                 D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B51                       X:  712758.203  Y: 4369929.007  Z: 362.758  PK:      82.378 Dis= 255.333  K : 1.000000000
                                                                                Distancia:   239.103  Azimut: 280.455802
BO : B52                       X:  712530.279  Y: 4369856.750  Z: 358.001  PK:      82.557 Dis= 494.420  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
----- ----------- ---------- --------- ------------ ------------ ---------- --------- ---------- ---------- --------- ---------- ----------

CIRC.      80.000 187.793409     0.000   713002.245  4370004.535  80.892593   255.462 200.436791  80.681421   494.562   0.225619    366.384
```

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Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 174 (Derecha): ENLACE MALPARTIDA OESTE - GLORIETA SUR

                                 ==========================================
                                 * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                                 ==========================================
Compensaciones:                  Z : Esfericidad y Refraccion  :NO
                                 D : Reduccion al nivel del mar:NO
                                 D : Paso de la cuerda al arco :NO
                                 D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B52                       X:  712530.279  Y: 4369856.750  Z: 358.001  PK:      82.557 Dis= 494.420  K : 1.000000000
                                                                                Distancia:   439.758  Azimut:  81.411340
BO : B50                       X:  712951.423  Y: 4369983.338  Z: 366.172  PK:      83.403 Dis=  54.720  K : 1.000000000

TIPO   PK Estac.  Azimut      Dis.Eje        X            Y      Ang.Azimu.  Dis.Redu Angulo 1-2 Ang.Az(BO) Dis.R(BO) Ang1-2(BO)   COTA
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CIRC.      80.000 187.793409     0.000   713002.245  4370004.535  80.681421   494.562 399.270081  74.844132    55.065 193.432792    366.384

CIRC.      80.301 186.995279     0.000   713002.304  4370004.240  80.719940   494.531 399.308600  75.185618    55.007 193.774278    366.393

CIRC.     100.000 134.741762     0.000   713013.348  4369988.595  83.037794   500.738   1.626454  94.608940    62.148 213.197600    366.829

CIRC.     118.000  86.995279     0.000   713030.674  4369985.608  83.954875   516.719   2.543535  98.177312    79.283 216.765972    366.958

CIRC.     120.000  81.690114     0.000   713032.613  4369986.094  83.956370   518.719   2.545030  97.839482    81.237 216.428142    366.956

CIRC.     140.000  28.638466     0.000   713047.417  4369998.673  82.948513   536.259   1.537173  89.915494    97.211 208.504154    366.765

CIRC.     150.796   0.000000     0.000   713049.805  4370009.109  81.839388   541.406   0.428048  83.690524   101.701 202.279184    366.530
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Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 175 (Derecha): REPOSICIÓN CAMINO DE LA SARDINA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B48 X: 713051.867 Y: 4370265.193 Z: 361.446 PK: 0.000 Dis= 275.311 K : 1.000000000
Distancia: 299.218 Azimut: 221.793802
BO : B50 X: 712951.423 Y: 4369983.338 Z: 366.172 PK: 62.853 Dis= 12.027 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	262.019010	0.000	713013.284	4369992.599	208.951288	275.311	387.157486	90.539223	62.550	68.745421	366.724
CIRC.	2.645	262.860931	0.000	713011.086	4369991.128	209.403892	277.083	387.610089	91.734772	60.170	69.940970	366.738
CIRC.	20.000	275.859230	0.000	712995.729	4369983.108	212.505940	287.617	390.712138	100.330799	44.307	78.536997	366.824
CIRC.	22.543	277.763497	0.000	712993.354	4369982.202	212.980289	288.977	391.186487	101.724262	41.946	79.930460	366.837
RECTA	30.628	283.819275	0.000	712985.636	4369979.800	214.516952	292.977	392.723150	106.559651	34.396	84.765849	366.867
RECTA	37.543	283.819275	0.000	712978.944	4369978.062	215.833507	296.247	394.039705	112.059076	28.022	90.265274	366.875
RECTA	40.000	283.819275	0.000	712976.566	4369977.444	216.294375	297.439	394.500572	114.659864	25.824	92.866062	366.874
RECTA	60.000	283.819275	0.000	712957.208	4369972.415	219.907427	307.700	398.113625	168.992575	12.360	147.198773	366.791

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 175 (Derecha): REPOSICIÓN CAMINO DE LA SARDINA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B49 X: 712883.288 Y: 4370138.237 Z: 360.572 PK: 89.851 Dis= 179.081 K : 1.000000000
Distancia: 243.769 Azimut: 234.302729
BO : B51 X: 712758.203 Y: 4369929.007 Z: 362.758 PK: 263.526 Dis= 8.024 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	80.000	283.819275	0.000	712937.851	4369967.386	180.320762	179.352	346.018033	86.600947	183.701	52.298218	366.574
RECTA	97.543	283.819275	0.000	712920.872	4369962.975	186.551795	179.246	352.249066	86.894503	166.177	52.591773	366.275
RECTA	100.000	283.819275	0.000	712918.493	4369962.357	187.423230	179.368	353.120501	86.940643	163.723	52.637914	366.226
RECTA	120.000	283.819275	0.000	712899.136	4369957.329	194.437365	181.601	360.134636	87.374749	143.750	53.072020	365.826
RECTA	140.000	283.819275	0.000	712879.778	4369952.300	201.201545	185.970	366.898816	87.948911	123.786	53.646182	365.426
RECTA	160.000	283.819275	0.000	712860.421	4369947.271	207.587082	192.330	373.284353	88.743785	103.837	54.441056	365.026
RECTA	180.000	283.819275	0.000	712841.063	4369942.242	213.508735	200.492	379.206006	89.916431	83.911	55.613702	364.626
RECTA	200.000	283.819275	0.000	712821.706	4369937.214	218.924540	210.245	384.621811	91.818245	64.031	57.515516	364.226
RECTA	220.000	283.819275	0.000	712802.348	4369932.185	223.828284	221.379	389.525555	95.425241	44.260	61.122512	363.826
RECTA	240.000	283.819275	0.000	712782.991	4369927.156	228.239068	233.698	393.936339	104.745071	24.857	70.442341	363.426
RECTA	260.000	283.819275	0.000	712763.633	4369922.127	232.191331	247.024	397.888601	157.460828	8.765	123.158099	363.026

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 175 (Derecha): REPOSICIÓN CAMINO DE LA SARDINA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B50 X: 712951.423 Y: 4369983.338 Z: 366.172 PK: 62.853 Dis= 12.027 K : 1.000000000
Distancia: 169.222 Azimut: 373.618753
BO : B49 X: 712883.288 Y: 4370138.237 Z: 360.572 PK: 89.851 Dis= 179.081 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	60.000	283.819275	0.000	712957.208	4369972.415	168.992575	12.360	195.373823	173.304068	181.552	399.685316	366.791
RECTA	80.000	283.819275	0.000	712937.851	4369967.386	244.880287	20.944	271.261534	180.320762	179.352	6.702010	366.574
RECTA	97.543	283.819275	0.000	712920.872	4369962.975	262.573564	36.715	288.954811	186.551795	179.246	12.933042	366.275

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 175 (Derecha): REPOSICIÓN CAMINO DE LA SARDINA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B51 X: 712758.203 Y: 4369929.007 Z: 362.758 PK: 263.526 Dis= 8.024 K : 1.000000000
Distancia: 239.103 Azimut: 280.455802
BO : B52 X: 712530.279 Y: 4369856.750 Z: 358.001 PK: 502.425 Dis= -2.818 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	260.000	283.819275	0.000	712763.633	4369922.127	157.460828	8.765	277.005026	82.610119	242.340	2.154317	363.026
RECTA	280.000	283.819275	0.000	712744.276	4369917.098	254.963680	18.324	374.507878	82.501360	222.344	2.045559	362.626
RECTA	300.000	283.819275	0.000	712724.919	4369912.070	270.033377	37.346	389.577575	82.371108	202.348	1.915306	362.226
RECTA	320.000	283.819275	0.000	712705.561	4369907.041	274.833910	57.041	394.378108	82.212291	182.354	1.756489	361.826
RECTA	340.000	283.819275	0.000	712686.204	4369902.012	277.163766	76.894	396.707964	82.014360	162.361	1.558558	361.426
RECTA	360.000	283.819275	0.000	712666.846	4369896.983	278.536375	96.807	398.080573	81.760841	142.370	1.305039	361.026
RECTA	380.000	283.819275	0.000	712647.489	4369891.955	279.440361	116.750	398.984559	81.424505	122.382	0.968703	360.626
RECTA	400.000	283.819275	0.000	712628.131	4369886.926	280.080482	136.710	399.624680	80.956879	102.399	0.501077	360.226
CIRC.	407.901	283.819275	0.000	712620.484	4369884.939	280.284647	144.597	399.828845	80.717671	94.507	0.261869	360.068
CIRC.	420.000	283.511165	0.000	712608.781	4369881.869	280.545584	156.681	0.089782	80.285131	82.423	399.829329	359.826
CIRC.	440.000	283.001869	0.000	712589.469	4369876.669	280.852393	176.665	0.396591	79.333865	62.452	398.878063	359.426
CIRC.	460.000	282.492573	0.000	712570.199	4369871.315	281.045069	196.657	0.589267	77.727958	42.494	397.272156	359.026
CIRC.	480.000	281.983277	0.000	712550.972	4369865.807	281.155178	216.654	0.699376	73.735564	22.589	393.279762	358.626
CIRC.	500.000	281.473982	0.000	712531.791	4369860.145	281.203641	236.653	0.747839	26.663249	3.717	346.207447	358.226

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 175 (Derecha): REPOSICIÓN CAMINO DE LA SARDINA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B52 X: 712530.279 Y: 4369856.750 Z: 358.001 PK: 502.425 Dis= -2.818 K : 1.000000000
Distancia: 197.958 Azimut: 283.751243
BO : B53 X: 712338.734 Y: 4369806.771 Z: 354.808 PK: 699.772 Dis= 11.912 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	500.000	281.473982	0.000	712531.791	4369860.145	26.663249	3.717	142.912007	82.828274	200.299	399.077031	358.226
CIRC.	520.000	280.964686	0.000	712512.655	4369854.331	291.314867	17.790	7.563624	83.006722	180.306	399.255480	357.826
CIRC.	540.000	280.455390	0.000	712493.566	4369848.363	285.701610	37.659	1.950368	83.293172	160.321	399.541929	357.426
CIRC.	560.000	279.946094	0.000	712474.525	4369842.242	283.794023	57.610	0.042781	83.733682	140.348	399.982439	357.026
CIRC.	580.000	279.436798	0.000	712455.534	4369835.970	282.737064	77.579	398.985821	84.404738	120.395	0.653495	356.626
CIRC.	600.000	278.927502	0.000	712436.594	4369829.546	282.008624	97.555	398.257381	85.443190	100.475	1.691948	356.226
CIRC.	620.000	278.418207	0.000	712417.706	4369822.970	281.441240	117.532	397.689998	87.119856	80.616	3.368613	355.826
CIRC.	640.000	277.908911	0.000	712398.871	4369816.244	280.964725	137.509	397.213483	90.053529	60.879	6.302286	355.426
CIRC.	660.000	277.399615	0.000	712380.091	4369809.367	280.544498	157.485	396.793255	96.008900	41.438	12.257658	355.026
CIRC.	670.345	277.136182	0.000	712370.398	4369805.751	280.342603	167.818	396.591361	102.049608	31.681	18.298365	354.819
CIRC.	680.000	277.382046	0.000	712361.353	4369802.375	280.174908	177.462	396.423665	112.219966	23.042	28.468723	354.626

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 175 (Derecha): REPOSICIÓN CAMINO DE LA SARDINA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B53 X: 712338.734 Y: 4369806.771 Z: 354.808 PK: 699.772 Dis= 11.912 K : 1.000000000
Distancia: 183.887 Azimut: 309.678266
BO : B54 X: 712156.968 Y: 4369834.619 Z: 352.894 PK: 867.672 Dis= 94.552 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	680.000	277.382046	0.000	712361.353	4369802.375	112.219966	23.042	202.541700	109.961237	206.913	0.282971	354.626
CIRC.	700.000	277.891341	0.000	712342.574	4369795.493	179.106715	11.914	269.428449	113.226319	189.685	3.548053	354.226
CIRC.	708.712	278.113203	0.000	712334.377	4369792.542	218.918229	14.881	309.239964	114.825059	182.330	5.146793	354.051
CIRC.	720.000	278.400637	0.000	712323.741	4369788.762	244.197248	23.433	334.518983	117.082875	172.963	7.404610	353.835
CIRC.	740.000	278.909933	0.000	712304.855	4369782.181	260.030254	41.863	350.351988	121.692912	156.908	12.014647	353.494
CIRC.	760.000	279.419229	0.000	712285.916	4369775.752	266.193882	61.253	356.515617	127.264022	141.750	17.585757	353.211
CIRC.	780.000	279.928525	0.000	712266.927	4369769.474	269.502400	80.915	359.824134	134.049485	127.808	24.371219	352.983
CIRC.	800.000	280.437820	0.000	712247.889	4369763.348	271.614363	100.690	361.936097	142.324637	115.525	32.646372	352.812
CIRC.	820.000	280.947116	0.000	712228.801	4369757.375	273.115884	120.520	363.437618	152.309475	105.483	42.631209	352.698
CIRC.	840.000	281.456412	0.000	712209.667	4369751.555	274.264831	140.382	364.586565	164.008209	98.371	54.329943	352.639
CIRC.	850.712	281.729203	0.000	712199.399	4369748.501	274.783463	151.029	365.105198	170.855754	96.004	61.177489	352.631
CIRC.	860.000	281.965708	0.000	712190.487	4369745.888	275.191999	160.262	365.513734	177.006236	94.851	67.327970	352.637

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 175 (Derecha): REPOSICIÓN CAMINO DE LA SARDINA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B54 X: 712156.968 Y: 4369834.619 Z: 352.894 PK: 867.672 Dis= 94.552 K : 1.000000000
Distancia: 216.168 Azimut: 268.209825
BO : B55 X: 711967.196 Y: 4369731.104 Z: 353.459 PK: 1080.332 Dis= 41.356 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	860.000	281.965708	0.000	712190.487	4369745.888	177.006236	94.851	308.796411	95.791074	223.780	27.581250	352.637
CIRC.	880.000	282.475004	0.000	712171.262	4369740.375	190.417658	95.322	322.207834	97.109789	204.276	28.899965	352.692
CIRC.	900.000	282.984300	0.000	712151.993	4369735.015	203.177058	99.728	334.967234	98.652706	184.839	30.442881	352.802
CIRC.	920.000	283.493595	0.000	712132.682	4369729.810	214.495570	107.585	346.285746	100.497599	165.491	32.287774	352.969
CIRC.	935.912	283.898803	0.000	712117.289	4369725.780	222.255702	115.847	354.045877	102.257350	150.187	34.047525	353.142
CIRC.	940.000	284.002891	0.000	712113.331	4369724.760	224.070711	118.208	355.860887	102.761903	146.272	34.552078	353.192
CIRC.	960.000	284.512187	0.000	712093.939	4369719.865	231.975419	130.924	363.765594	105.630651	127.240	37.420826	353.432
RECTA	961.734	284.556343	0.000	712092.256	4369719.448	232.589555	132.106	364.379731	105.916594	125.602	37.706769	353.452
RECTA	980.000	284.556343	0.000	712074.525	4369715.060	238.431781	145.228	370.221956	109.446623	108.521	41.236798	353.672
RECTA	1000.000	284.556343	0.000	712055.110	4369710.256	243.687293	160.752	375.477468	114.823300	90.353	46.613476	353.912
RECTA	1020.000	284.556343	0.000	712035.696	4369705.451	247.993553	177.176	379.783728	122.811766	73.146	54.601941	354.152
RECTA	1040.000	284.556343	0.000	712016.282	4369700.647	251.555969	194.271	383.346144	135.354639	57.767	67.144815	354.392
RECTA	1060.000	284.556343	0.000	711996.867	4369695.843	254.534485	211.875	386.324661	155.467343	46.084	87.257519	354.632
RECTA	1080.000	284.556343	0.000	711977.453	4369691.038	257.051446	229.872	388.841622	184.045198	41.358	115.835373	354.872

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 175 (Derecha): REPOSICIÓN CAMINO DE LA SARDINA

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
==========

Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B55 X: 711967.196 Y: 4369731.104 Z: 353.459 PK: 1080.332 Dis= 41.356 K : 1.000000000
Distancia: 180.590 Azimut: 280.507348
BO : B56 X: 711795.005 Y: 4369676.669 Z: 357.363 PK: 1260.557 Dis= 29.878 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1080.000	284.556343	0.000	711977.453	4369691.038	184.045198	41.358	303.537850	94.996430	183.013	14.489082	354.872
RECTA	1100.000	284.556343	0.000	711958.038	4369686.234	212.816804	45.795	332.309456	96.269323	163.314	15.761975	355.112
RECTA	1120.000	284.556343	0.000	711938.624	4369681.430	233.229844	57.305	352.722496	97.890539	143.698	17.383191	355.352
RECTA	1140.000	284.556343	0.000	711919.210	4369676.625	245.971650	72.599	365.464302	100.022405	124.205	19.515057	355.592
RECTA	1160.000	284.556343	0.000	711899.795	4369671.821	254.073792	89.763	373.566444	102.943169	104.902	22.435821	355.832
RECTA	1180.000	284.556343	0.000	711880.381	4369667.017	259.516747	107.908	379.009399	107.167010	85.920	26.659662	356.072
RECTA	1200.000	284.556343	0.000	711860.966	4369662.212	263.373216	126.613	382.865867	113.735516	67.527	33.228168	356.312
RECTA	1220.000	284.556343	0.000	711841.552	4369657.408	266.229325	145.662	385.721977	124.977299	50.375	44.469951	356.552
RECTA	1240.000	284.556343	0.000	711822.138	4369652.604	268.421495	164.937	387.914147	146.190418	36.267	65.683070	356.792
RECTA	1240.502	284.556343	0.000	711821.650	4369652.483	268.469948	165.423	387.962599	146.922250	35.985	66.414902	356.798
RECTA	1260.000	284.556343	0.000	711802.723	4369647.799	270.153334	184.366	389.645986	183.368883	29.884	102.861535	356.949
RECTA	1268.102	284.556343	0.000	711794.858	4369645.853	270.755109	192.271	390.247761	200.302777	30.816	119.795429	356.963
RECTA	1280.000	284.556343	0.000	711783.309	4369642.995	271.554137	203.906	391.046789	221.281988	35.647	140.774640	356.932
RECTA	1300.000	284.556343	0.000	711763.895	4369638.191	272.709497	223.527	392.202148	243.284702	49.482	162.777353	356.742
RECTA	1320.000	284.556343	0.000	711744.480	4369633.386	273.678128	243.210	393.170780	254.905186	66.529	174.397838	356.378
RECTA	1331.352	284.556343	0.000	711733.460	4369630.659	274.161186	254.404	393.653838	259.132112	76.841	178.624764	356.093
RECTA	1340.000	284.556343	0.000	711725.066	4369628.582	274.501558	262.941	393.994210	261.654912	84.875	181.147564	355.856
RECTA	1360.000	284.556343	0.000	711705.651	4369623.778	275.209935	282.709	394.702587	265.974851	103.834	185.467502	355.306
RECTA	1380.000	284.556343	0.000	711686.237	4369618.973	275.825655	302.508	395.318307	268.951624	123.123	188.444276	354.756
RECTA	1400.000	284.556343	0.000	711666.823	4369614.169	276.365685	322.332	395.858337	271.118675	142.608	190.611327	354.206
RECTA	1420.000	284.556343	0.000	711647.408	4369609.365	276.843109	342.176	396.335760	272.763325	162.218	192.255977	353.656
RECTA	1440.000	284.556343	0.000	711627.994	4369604.560	277.268171	362.038	396.760823	274.052566	181.913	193.545217	353.106
RECTA	1460.000	284.556343	0.000	711608.579	4369599.756	277.649006	381.914	397.141658	275.089580	201.668	194.582232	352.556
RECTA	1480.000	284.556343	0.000	711589.165	4369594.952	277.992152	401.802	397.484803	275.941371	221.467	195.434023	352.006
RECTA	1500.000	284.556343	0.000	711569.751	4369590.148	278.302921	421.701	397.795573	276.653256	241.300	196.145908	351.456
RECTA	1520.000	284.556343	0.000	711550.336	4369585.343	278.585678	441.609	398.078330	277.256948	261.157	196.749599	350.906
CIRC.	1538.351	284.556343	0.000	711532.522	4369580.935	278.823582	459.882	398.316234	277.735337	279.396	197.227988	350.401
CIRC.	1540.000	282.456918	0.000	711530.929	4369580.513	278.840298	461.527	398.332949	277.769150	281.038	197.261801	350.356
CIRC.	1545.623	275.297070	0.000	711525.615	4369578.682	278.840739	467.147	398.333391	277.790870	286.658	197.283521	350.201
CIRC.	1560.000	256.992127	0.000	711513.266	4369571.417	278.465223	481.199	397.957875	277.239157	300.757	196.731809	349.840
CIRC.	1580.000	231.527337	0.000	711500.540	4369556.161	277.166239	498.370	396.658890	275.270441	318.169	194.763093	349.453
CIRC.	1600.000	206.062546	0.000	711494.760	4369537.153	275.200251	510.698	394.692903	272.307777	331.077	191.800429	349.198
RECTA	1611.206	191.794909	0.000	711494.948	4369525.973	273.912455	514.876	393.405106	270.370005	335.773	189.862657	349.114
RECTA	1613.123	191.794909	0.000	711495.194	4369524.071	273.684886	515.411	393.177538	270.027484	336.411	189.520136	349.104
RECTA	1620.000	191.794909	0.000	711496.078	4369517.251	272.872723	517.383	392.365374	268.809979	338.779	188.302631	349.070
RECTA	1634.772	191.794909	0.000	711497.977	4369502.602	271.149624	521.900	390.642275	266.253830	344.275	185.746482	348.996

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 176 (Derecha): ENLACE MALPARTIDA OESTE - CONEXIÓN N-521

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B52 X: 712530.279 Y: 4369856.750 Z: 358.001 PK: 0.000 Dis= 277.022 K : 1.000000000
Distancia: 239.103 Azimut: 80.455802
BO : B51 X: 712758.203 Y: 4369929.007 Z: 362.758 PK: 35.764 Dis= 63.503 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	145.885867	0.000	712764.397	4370004.839	64.094497	277.022	383.638695	5.188178	76.084	124.732376	367.439
CLOT.	2.524	145.885867	0.000	712766.293	4370003.173	64.649441	277.745	384.193639	6.916563	74.606	126.460761	367.388
CLOT.	20.000	143.185322	0.000	712779.583	4369991.827	68.389413	283.546	387.933611	20.884003	66.359	140.428201	367.039

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 176 (Derecha): ENLACE MALPARTIDA OESTE - CONEXIÓN N-521

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B51 X: 712758.203 Y: 4369929.007 Z: 362.758 PK: 35.764 Dis= 63.503 K : 1.000000000
Distancia: 200.713 Azimut: 82.549660
BO : B50 X: 712951.423 Y: 4369983.338 Z: 366.172 PK: 194.083 Dis= 26.283 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	20.000	143.185322	0.000	712779.583	4369991.827	20.884003	66.359	338.334343	303.142377	172.049	20.592717	367.039
CLOT.	40.000	133.467534	0.000	712795.945	4369980.360	40.349509	63.731	357.799849	298.780639	155.506	16.230979	366.639
CIRC.	44.877	130.025443	0.000	712800.226	4369978.025	45.118181	64.566	362.568521	297.764003	151.290	15.214343	366.541
CIRC.	60.000	118.698512	0.000	712814.237	4369972.386	58.061082	70.863	375.511422	294.928223	137.622	12.378562	366.239
CIRC.	80.000	103.719224	0.000	712833.883	4369968.890	69.122896	85.546	386.573236	292.214011	118.425	9.664351	365.839
CIRC.	81.091	102.901902	0.000	712834.972	4369968.834	69.533838	86.485	386.984177	292.111344	117.350	9.561684	365.817
CIRC.	100.000	88.739935	0.000	712853.802	4369970.072	74.171072	104.045	391.621412	291.401218	98.519	8.851558	365.481
CLOT.	101.794	87.396279	0.000	712855.564	4369970.406	74.404855	105.797	391.855195	291.463009	96.727	8.913349	365.454
CLOT.	120.000	76.691376	0.000	712872.991	4369975.601	75.452260	123.884	392.902600	293.740308	78.813	11.190648	365.219
CLOT.	140.000	71.687913	0.000	712891.291	4369983.657	75.194892	143.871	392.645232	300.337708	60.133	17.788048	365.052
RECTA	144.147	71.535855	0.000	712895.031	4369985.447	75.093848	148.012	392.544188	302.379807	56.431	19.830146	365.029
RECTA	160.000	71.535855	0.000	712909.326	4369992.301	74.749762	163.842	392.200102	313.355507	43.041	30.805847	364.980
RECTA	165.091	71.535855	0.000	712913.917	4369994.503	74.652940	168.927	392.103280	318.418758	39.133	35.869098	364.977
RECTA	180.000	71.535855	0.000	712927.360	4370000.949	74.400229	183.820	391.850569	340.220809	29.819	57.671148	365.004
CLOT.	199.089	71.535855	0.000	712944.573	4370009.202	74.130818	202.892	391.581158	383.517890	26.756	100.968229	365.115

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 176 (Derecha): ENLACE MALPARTIDA OESTE - CONEXIÓN N-521

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B50 X: 712951.423 Y: 4369983.338 Z: 366.172 PK: 194.083 Dis= 26.283 K : 1.000000000
Distancia: 169.222 Azimut: 373.618753
BO : B49 X: 712883.288 Y: 4370138.237 Z: 360.572 PK: 199.610 Dis=-142.848 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	180.000	71.535855	0.000	712927.360	4370000.949	340.220809	29.819	366.602056	180.224929	144.189	6.606176	365.004

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 176 (Derecha): ENLACE MALPARTIDA OESTE - CONEXIÓN N-521

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B49                  X:  712883.288  Y: 4370138.237  Z: 360.572  PK:     199.610 Dis=-142.848  K : 1.000000000
                                                                       Distancia:   211.037  Azimut:  58.907533
 BO : B48                  X:  713051.867  Y: 4370265.193  Z: 361.446  PK:     252.902 Dis=-251.125  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	180.000	71.535855	0.000	712927.360	4370000.949	180.224929	144.189	121.317396	228.032139	292.108	369.124606	365.004
CLOT.	199.089	71.535855	0.000	712944.573	4370009.202	171.771825	142.849	112.864292	225.266811	277.567	366.359278	365.115
CLOT.	200.000	71.548887	0.000	712945.394	4370009.596	171.366042	142.849	112.458509	225.127694	276.887	366.220161	365.122
CLOT.	220.000	78.408989	0.000	712963.731	4370017.555	162.570886	145.036	103.663353	221.767702	262.855	362.860169	365.336
CIRC.	239.589	97.318956	0.000	712982.834	4370021.555	155.034652	153.375	96.127119	217.577511	253.229	358.669978	365.638
CIRC.	240.000	97.841646	0.000	712983.244	4370021.571	154.901135	153.630	95.993602	217.479307	253.102	358.571773	365.645
CIRC.	249.091	109.417009	0.000	712992.308	4370021.054	152.296476	160.054	93.388943	215.233122	251.299	356.325589	365.817

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 176 (Derecha): ENLACE MALPARTIDA OESTE - CONEXIÓN N-521

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B48                  X:  713051.867  Y: 4370265.193  Z: 361.446  PK:     252.902 Dis=-251.125  K : 1.000000000
                                                                       Distancia:   488.070  Azimut:  21.094286
 BO : B46                  X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     256.218 Dis=-738.125  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	240.000	97.841646	0.000	712983.244	4370021.571	217.479307	253.102	196.385021	219.859948	740.903	398.765662	365.645

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 176 (Derecha): ENLACE MALPARTIDA OESTE - CONEXIÓN N-521

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B46                  X:  713210.645  Y: 4370726.714  Z: 358.635  PK:     256.218 Dis=-738.125  K : 1.000000000
                                                                       Distancia:   197.142  Azimut: 201.827356
 BO : B47                  X:  713204.987  Y: 4370529.653  Z: 359.989  PK:     260.475 Dis=-549.871  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	240.000	97.841646	0.000	712983.244	4370021.571	219.859948	740.903	18.032592	226.197751	554.362	224.370395	365.645
CIRC.	249.091	109.417009	0.000	712992.308	4370021.054	219.102769	738.666	17.275413	225.214480	551.276	223.387125	365.817
CIRC.	260.000	123.306437	0.000	713002.837	4370018.286	218.164805	738.278	16.337450	223.966104	549.873	222.138749	366.035
CIRC.	260.713	124.214692	0.000	713003.502	4370018.026	218.103537	738.341	16.276181	223.883517	549.871	222.056162	366.050

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 177 (Derecha): ENLACE MALPARTIDA OESTE - REPOSCIÓN N-521

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B50                  X:  712951.423  Y: 4369983.338  Z: 366.172  PK:       0.000 Dis= 101.700  K : 1.000000000
                                                                       Distancia:   787.276  Azimut:  21.360144
 BO : B46                  X:  713210.645  Y: 4370726.714  Z: 358.635  PK:      91.424 Dis=-726.371  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	103.464507	0.000	713049.805	4370009.102	83.694318	101.700	62.334174	214.036740	735.416	392.676596	366.499
RECTA	20.000	103.464507	0.000	713069.775	4370008.014	86.913946	120.897	65.553801	212.321943	732.375	390.961799	366.759
RECTA	40.000	103.464507	0.000	713089.746	4370006.927	89.246966	140.320	67.886821	210.594114	729.870	389.233970	367.019
CLOT.	59.104	103.464507	0.000	713108.821	4370005.887	90.941192	159.005	69.581047	208.933753	727.983	387.573608	367.267
CLOT.	60.000	103.466538	0.000	713109.716	4370005.839	91.010927	159.884	69.650783	208.855676	727.906	387.495531	367.279
CLOT.	80.000	104.569391	0.000	713129.679	4370004.630	92.431621	179.523	71.071477	207.108591	726.609	385.748447	367.539

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 177 (Derecha): ENLACE MALPARTIDA OESTE - REPOSCIÓN N-521

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B46                  X:  713210.645  Y: 4370726.714  Z: 358.635  PK:      91.424 Dis=-726.371  K : 1.000000000
                                                                       Distancia:   197.142  Azimut: 201.827356
 BO : B47                  X:  713204.987  Y: 4370529.653  Z: 359.989  PK:      96.778 Dis=-529.772  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	80.000	104.569391	0.000	713129.679	4370004.630	207.108591	726.609	5.281236	209.069626	530.396	207.242270	367.539

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 177 (Derecha): ENLACE MALPARTIDA OESTE - REPOSCIÓN N-521

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B47                  X:  713204.987  Y: 4370529.653  Z: 359.989  PK:      96.778 Dis=-529.772  K : 1.000000000
                                                                       Distancia:   470.928  Azimut:  26.827197
 BO : B45                  X:  713397.615  Y: 4370959.383  Z: 357.404  PK:     127.209 Dis=-986.412  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CLOT.	80.000	104.569391	0.000	713129.679	4370004.630	209.069626	530.396	182.242428	217.417673	991.636	390.590475	367.539
CLOT.	100.000	107.696565	0.000	713149.590	4370002.759	206.668903	529.798	179.841705	216.150139	988.254	389.322941	367.799
CIRC.	109.422	109.871155	0.000	713158.922	4370001.469	205.538202	530.189	178.711004	215.546687	987.205	388.719489	367.921
CIRC.	111.725	110.457692	0.000	713161.196	4370001.103	205.262451	530.361	178.435254	215.398654	987.013	388.571457	367.951
CIRC.	120.000	112.564905	0.000	713169.336	4369999.615	204.275574	531.236	177.448377	214.865678	986.543	388.038481	368.055
CIRC.	140.000	117.657863	0.000	713188.770	4369994.913	201.930110	534.986	175.102913	213.575702	986.822	386.748504	368.282
CIRC.	160.000	122.750821	0.000	713207.766	4369988.673	199.672989	540.987	172.845791	212.295658	989.100	385.468461	368.473
CLOT.	165.040	124.034363	0.000	713212.470	4369986.863	199.122427	542.842	172.295230	211.976443	989.987	385.149246	368.515
CLOT.	180.000	127.129646	0.000	713226.225	4369980.987	197.536935	549.077	170.709737	211.039913	993.294	384.212716	368.627
CLOT.	188.725	128.275501	0.000	713234.135	4369977.304	196.643634	553.118	169.816437	210.501098	995.593	383.673901	368.682
CLOT.	200.000	129.036653	0.000	713244.281	4369972.387	195.518425	558.649	168.691228	209.811702	998.835	382.984504	368.750
RECTA	204.940	129.114526	0.000	713248.715	4369970.208	195.034117	561.151	168.206920	209.511616	1000.319	382.684419	368.780
RECTA	220.000	129.114526	0.000	713262.227	4369963.558	193.584699	568.981	166.757501	208.602461	1004.986	381.775263	368.870
RECTA	240.000	129.114526	0.000	713280.172	4369954.727	191.721719	579.821	164.894521	207.408399	1011.497	380.581202	368.990
RECTA	260.000	129.114526	0.000	713298.116	4369945.896	189.928587	591.139	163.101390	206.230020	1018.359	379.402823	369.110
RECTA	260.013	129.114526	0.000	713298.128	4369945.890	189.927468	591.146	163.100270	206.229275	1018.364	379.402078	369.110

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 178 (Derecha): C.A.: 2,3 M.I.

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                              ==========================================
                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B13                  X:  719548.869  Y: 4370658.459  Z: 401.680  PK:       0.000 Dis=-236.209  K : 1.000000000
                                                                       Distancia:   221.540  Azimut: 285.005166
 BO : B14                  X:  719333.446  Y: 4370606.759  Z: 400.027  PK:       0.000 Dis= 116.039  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	181.249991	0.000	719375.106	4370498.456	252.623086	236.209	367.617920	176.622755	116.039	91.617590	401.460
RECTA	12.352	181.249991	0.000	719378.691	4370486.635	249.693676	241.834	364.688511	177.067636	128.362	92.062471	401.283
RECTA	13.853	181.249991	0.000	719379.127	4370485.199	249.347127	242.552	364.341962	177.115944	129.860	92.110778	401.312
RECTA	15.352	181.249991	0.000	719379.562	4370483.764	249.003019	243.276	363.997853	177.163097	131.356	92.157931	401.281
RECTA	15.353	181.249991	0.000	719379.562	4370483.764	249.002861	243.276	363.997696	177.163118	131.357	92.157953	401.281
RECTA	20.000	181.249991	0.000	719380.911	4370479.317	247.949366	245.564	362.944200	177.302673	135.994	92.297508	401.325
RECTA	35.478	181.249991	0.000	719385.404	4370464.505	244.582560	253.651	359.577395	177.705838	151.446	92.700672	401.827
RECTA	37.894	181.249991	0.000	719386.105	4370462.194	244.076707	254.975	359.071542	177.761456	153.858	92.756291	401.948

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 179 (Derecha): C.A.: 9,6 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B49                  X:  712883.288  Y: 4370138.237  Z: 360.572  PK:       0.000 Dis= -77.150  K : 1.000000000
                                                                       Distancia:   673.400  Azimut:  32.318043
 BO : B46                  X:  713210.645  Y: 4370726.714  Z: 358.635  PK:      16.217 Dis=-677.416  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	82.417701	0.000	712948.188	4370096.521	136.368589	77.150	104.050545	225.122593	682.661	392.804550	362.018

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 179 (Derecha): C.A.: 9,6 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B46                  X:  713210.645  Y: 4370726.714  Z: 358.635  PK:      16.217 Dis=-677.416  K : 1.000000000
                                                                       Distancia:   298.484  Azimut:  43.094376
 BO : B45                  X:  713397.615  Y: 4370959.383  Z: 357.404  PK:      18.477 Dis=-966.222  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	82.417701	0.000	712948.188	4370096.521	225.122593	682.661	182.028217	230.570060	972.890	387.475684	362.018

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 179 (Derecha): C.A.: 9,6 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B45                  X:  713397.615  Y: 4370959.383  Z: 357.404  PK:      18.477 Dis=-966.222  K : 1.000000000
                                                                       Distancia:   775.527  Azimut: 229.417824
 BO : B48                  X:  713051.867  Y: 4370265.193  Z: 361.446  PK:      18.548 Dis=-190.696  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	82.417701	0.000	712948.188	4370096.521	230.570060	972.890	1.152237	235.086943	197.989	205.669119	362.018

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 179 (Derecha): C.A.: 9,6 M.I.

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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
                              ==========================================
 Compensaciones:              Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

 BR : B48                  X:  713051.867  Y: 4370265.193  Z: 361.446  PK:      18.548 Dis=-190.696  K : 1.000000000
                                                                       Distancia:   305.589  Azimut:  33.411624
 BO : B47                  X:  713204.987  Y: 4370529.653  Z: 359.989  PK:      19.414 Dis=-496.065  K : 1.000000000
```

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	82.417701	0.000	712948.188	4370096.521	235.086943	197.989	201.675319	234.070289	503.536	0.658665	362.018

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 179 (Derecha): C.A.: 9,6 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B47 X: 713204.987 Y: 4370529.653 Z: 359.989 PK: 19.414 Dis=-496.065 K : 1.000000000
Distancia: 602.291 Azimut: 227.664080
BO : B50 X: 712951.423 Y: 4369983.338 Z: 366.172 PK: 106.458 Dis= 90.791 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	82.417701	0.000	712948.188	4370096.521	234.070289	503.536	6.406209	398.180769	113.230	370.516689	362.018
CIRC.	14.422	119.142109	0.000	712962.409	4370096.347	232.490476	496.586	4.826396	6.169515	113.542	378.505435	362.883
CIRC.	20.000	133.347282	0.000	712967.510	4370094.117	231.779498	496.072	4.115418	9.180434	111.941	381.516354	363.206
CLOT.	25.055	146.218713	0.000	712971.602	4370091.165	231.137886	496.730	3.473806	11.777652	109.699	384.113572	363.481
RECTA	25.058	146.222420	0.000	712971.604	4370091.163	231.137523	496.731	3.473443	11.779100	109.697	384.115020	363.481
RECTA	40.000	146.222420	0.000	712982.778	4370081.242	229.289547	500.449	1.625467	19.731539	102.802	392.067459	364.184
RECTA	60.000	146.222420	0.000	712997.734	4370067.963	226.861516	506.074	399.197436	31.877301	96.468	4.213221	364.876
RECTA	70.422	146.222420	0.000	713005.527	4370061.044	225.618503	509.292	397.954423	38.720277	94.686	11.056197	365.123
RECTA	80.000	146.222420	0.000	713012.690	4370054.685	224.490228	512.419	396.826148	45.170393	94.043	17.506313	365.314
CIRC.	80.855	146.222420	0.000	713013.329	4370054.117	224.390201	512.706	396.726121	45.749112	94.032	18.085032	365.332
CIRC.	100.000	170.598711	0.000	713024.895	4370039.007	222.395263	522.654	394.731183	58.721160	92.180	31.057080	365.714
CIRC.	106.458	178.821127	0.000	713027.391	4370033.056	221.864818	527.398	394.200738	63.107708	90.791	35.443628	365.844

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 180 (Derecha): C.A.: 2,0 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B12 X: 719669.216 Y: 4370695.216 Z: 397.451 PK: 0.000 Dis= 96.545 K : 1.000000000
Distancia: 749.210 Azimut: 282.976423
BO : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 11.361 Dis= 743.459 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	192.175513	0.000	719683.091	4370599.673	190.819298	96.545	307.842875	91.202784	743.545	8.226361	401.031

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 180 (Derecha): C.A.: 2,0 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 11.361 Dis= 743.459 K : 1.000000000
Distancia: 212.806 Azimut: 272.653571
BO : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 17.262 Dis= 948.134 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	192.175513	0.000	719683.091	4370599.673	91.202784	743.545	218.549213	87.100548	949.353	14.446977	401.031
RECTA	0.001	192.175513	0.000	719683.091	4370599.672	91.202878	743.545	218.549307	87.100622	949.352	14.447050	401.031
RECTA	8.124	192.175513	0.000	719684.087	4370591.610	91.898399	743.466	219.244828	87.643984	948.740	14.990413	400.554
RECTA	8.124	192.175513	0.000	719684.087	4370591.610	91.898399	743.466	219.244828	87.643984	948.740	14.990413	400.554
RECTA	15.914	192.175513	0.000	719685.042	4370583.880	92.565377	743.473	219.911806	88.165621	948.218	15.512049	400.175
RECTA	17.234	192.175513	0.000	719685.203	4370582.570	92.678402	743.482	220.024831	88.254075	948.136	15.600504	400.186
RECTA	17.262	192.175513	0.000	719685.207	4370582.541	92.680832	743.482	220.027261	88.255977	948.134	15.602406	400.186

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 181 (Derecha): ENLACE A-66 - RAMAL 3

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B01 X: 721776.335 Y: 4371188.777 Z: 408.569 PK: 5.789 Dis= -89.140 K : 1.000000000
Distancia: 190.912 Azimut: 282.582182
BO : B02 X: 721592.524 Y: 4371137.193 Z: 403.951 PK: 57.319 Dis= -87.336 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	217.699493	0.000	721697.027	4371230.780	331.007219	89.744	48.425037	53.504682	140.283	370.922500	406.167
CIRC.	1.866	220.668971	0.000	721696.473	4371228.998	329.701734	89.418	47.119553	53.944326	138.686	371.362144	406.203
CIRC.	3.718	223.616291	0.000	721695.842	4371227.258	328.389660	89.218	45.807479	54.356316	137.063	371.774134	406.234
CIRC.	5.541	226.518906	0.000	721695.143	4371225.573	327.088979	89.141	44.506798	54.736930	135.431	372.154748	406.260
CIRC.	7.324	229.356513	0.000	721694.385	4371223.960	325.816401	89.183	43.234220	55.083540	133.806	372.501358	406.280
CIRC.	9.055	232.111052	0.000	721693.582	4371222.427	324.586721	89.333	42.004539	55.394576	132.202	372.812394	406.294
CIRC.	10.724	234.767267	0.000	721692.745	4371220.983	323.412110	89.580	40.829929	55.669529	130.633	373.087347	406.304
CIRC.	12.323	237.312678	0.000	721691.887	4371219.633	322.301890	89.909	39.719708	55.908836	129.110	373.326654	406.310
CIRC.	13.847	239.738034	0.000	721691.020	4371218.380	321.262304	90.305	38.680122	56.113791	127.643	373.531609	406.313
CIRC.	15.292	242.036752	0.000	721690.155	4371217.224	320.296909	90.753	37.714728	56.286331	126.241	373.704150	406.313
CIRC.	16.654	244.205020	0.000	721689.301	4371216.162	319.406789	91.240	36.824607	56.428898	124.908	373.846716	406.311
CIRC.	17.933	246.241404	0.000	721688.467	4371215.192	318.591031	91.753	36.008849	56.544251	123.648	373.962069	406.308
CIRC.	19.097	248.093373	0.000	721687.682	4371214.333	317.867677	92.264	35.285495	56.632998	122.497	374.050817	406.304
CIRC.	20.000	249.530481	0.000	721687.055	4371213.683	317.319328	92.689	34.737146	56.690927	121.601	374.108745	406.300
CLOT.	34.819	273.115969	0.000	721674.957	4371205.272	310.268375	102.711	27.686193	56.053052	106.911	373.470870	406.222
CLOT.	40.000	280.412174	0.000	721670.116	4371203.436	308.730569	107.226	26.148387	55.012693	102.023	372.430512	406.186
CLOT.	43.946	284.696037	0.000	721666.316	4371202.374	307.827876	110.856	25.245694	53.939684	98.457	371.357503	406.155
CLOT.	43.946	284.696048	0.000	721666.316	4371202.374	307.827874	110.856	25.245692	53.939681	98.457	371.357499	406.155
RECTA	57.319	291.020900	0.000	721653.151	4371200.057	305.813522	123.699	23.231340	48.846760	87.336	366.264579	406.067
RECTA	57.319	291.020900	0.000	721653.151	4371200.057	305.813521	123.699	23.231340	48.846759	87.336	366.264577	406.067

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 182 (Derecha): C.A.: 0,4 M.D.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 0.000 Dis= 292.611 K : 1.000000000
Distancia: 195.525 Azimut: 307.936756
BO : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 0.000 Dis=-275.982 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	394.270838	0.000	721220.971	4371236.548	380.571778	292.611	72.635022	25.118493	275.982	317.181737	406.828
RECTA	2.633	394.270838	0.000	721220.735	4371239.171	380.693033	295.184	72.756277	24.837940	278.315	316.901183	406.978
RECTA	9.758	394.270838	0.000	721220.094	4371246.267	381.010790	302.151	73.074033	24.101876	284.653	316.165120	407.181
RECTA	20.000	394.270838	0.000	721219.174	4371256.468	381.442689	312.179	73.505933	23.099652	293.828	315.162896	406.762
CIRC.	24.601	394.270838	0.000	721218.760	4371261.050	381.627797	316.688	73.691040	22.669578	297.972	314.732822	406.300
CIRC.	26.008	392.031143	0.000	721218.609	4371262.449	381.678498	318.072	73.741742	22.535684	299.231	314.598928	406.125
CIRC.	40.000	369.762260	0.000	721214.494	4371275.747	381.645717	331.992	73.708961	20.798351	310.394	312.861594	404.306
CIRC.	43.291	364.524161	0.000	721212.871	4371278.609	381.504590	335.198	73.567834	20.298113	312.593	312.361357	403.878
CIRC.	60.000	337.931271	0.000	721201.370	4371290.562	380.123158	350.027	72.186402	17.385105	320.674	309.448348	402.265
CIRC.	63.291	332.693172	0.000	721198.573	4371292.295	379.738626	352.542	71.801870	16.759436	321.604	308.822679	402.078
CIRC.	65.043	329.905805	0.000	721197.029	4371293.122	379.521346	353.812	71.584590	16.422202	322.005	308.485445	401.991

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 183 (Derecha): C.A.: 3,5 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B24 X: 717349.375 Y: 4370597.829 Z: 411.470 PK: 16.388 Dis=-964.079 K : 1.000000000
Distancia: 157.137 Azimut: 67.949668
BO : B23 X: 717487.015 Y: 4370673.639 Z: 405.931 PK: 19.149 Dis=-874.970 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	373.110452	0.000	718238.667	4370209.113	126.233863	970.536	58.284195	135.240370	883.609	267.290702	407.146

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 183 (Derecha): C.A.: 3,5 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B23 X: 717487.015 Y: 4370673.639 Z: 405.931 PK: 19.149 Dis=-874.970 K : 1.000000000
Distancia: 308.503 Azimut: 126.267495
BO : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 20.427 Dis=-569.981 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	373.110452	0.000	718238.667	4370209.113	135.240370	883.609	8.972874	140.003465	579.787	213.735970	407.146
CIRC.	0.116	373.480737	0.000	718238.620	4370209.219	135.235652	883.513	8.968157	139.997085	579.686	213.729589	407.146
CIRC.	20.000	36.772429	0.000	718240.154	4370228.233	134.000083	874.989	7.732588	138.178043	569.985	211.910548	405.828
CIRC.	22.616	45.100461	0.000	718241.722	4370230.325	133.811051	875.277	7.543556	137.886367	570.105	211.618871	405.458
CIRC.	30.419	69.938137	0.000	718247.812	4370235.123	133.287461	878.128	7.019966	137.064829	572.506	210.797334	404.288
CIRC.	35.038	84.640389	0.000	718252.131	4370236.733	133.030890	881.073	6.763395	136.653260	575.240	210.385764	403.649

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 183 (Derecha): C.A.: 3,5 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B21 X: 717769.628 Y: 4370549.929 Z: 405.207 PK: 20.427 Dis=-569.981 K : 1.000000000
Distancia: 188.575 Azimut: 342.729158
BO : B22 X: 717621.958 Y: 4370667.207 Z: 402.525 PK: 20.776 Dis=-758.183 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	36.772429	0.000	718240.154	4370228.233	138.178043	569.985	195.448885	139.309068	758.198	396.579910	405.828

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 183 (Derecha): C.A.: 3,5 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B22 X: 717621.958 Y: 4370667.207 Z: 402.525 PK: 20.776 Dis=-758.183 K : 1.000000000
Distancia: 413.407 Azimut: 133.676414
BO : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 22.741 Dis=-348.131 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	36.772429	0.000	718240.154	4370228.233	139.309068	758.198	5.632654	145.997648	348.329	212.321234	405.828

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 183 (Derecha): C.A.: 3,5 M.I.

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B20 X: 717978.860 Y: 4370458.577 Z: 409.524 PK: 22.741 Dis=-348.131 K : 1.000000000
Distancia: 271.518 Azimut: 119.529515
BO : B19 X: 718237.702 Y: 4370376.584 Z: 405.120 PK: 65.735 Dis=-137.352 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	20.000	36.772429	0.000	718240.154	4370228.233	145.997648	348.329	26.468133	198.947872	148.372	279.418358	405.828
CIRC.	22.616	45.100461	0.000	718241.722	4370230.325	145.521053	348.131	25.991538	198.250799	146.314	278.721284	405.458
CIRC.	30.419	69.938137	0.000	718247.812	4370235.123	144.134285	349.667	24.604770	195.457819	141.822	275.928305	404.288
CIRC.	35.038	84.640389	0.000	718252.131	4370236.733	143.411237	351.983	23.881722	193.455090	140.594	273.925575	403.649
CIRC.	40.000	83.060988	0.000	718256.934	4370237.978	142.694898	354.949	23.165384	191.222978	139.934	271.693464	403.080
CIRC.	59.619	76.815966	0.000	718275.579	4370244.056	139.851143	366.144	20.321628	182.277504	137.834	262.747990	402.040
CIRC.	60.000	76.694790	0.000	718275.935	4370244.192	139.795797	366.353	20.266283	182.102295	137.802	262.572781	402.038
CIRC.	65.735	74.869140	0.000	718281.260	4370246.322	138.961247	369.457	19.431732	179.456365	137.352	259.926850	402.015

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 184 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 1

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B03 X: 721505.537 Y: 4370959.085 Z: 410.936 PK: 0.000 Dis=-174.610 K : 1.000000000
Distancia: 196.654 Azimut: 299.473291
BO : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 76.998 Dis= -63.863 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	0.000	297.152837	0.000	721346.382	4371030.908	326.987508	174.610	27.514216	30.046382	82.466	330.573091	408.655
CIRC.	17.799	297.152837	0.000	721328.601	4371030.113	324.302339	190.660	24.829047	16.865422	75.281	317.392130	408.922
CIRC.	20.000	295.751654	0.000	721326.404	4371029.990	323.994226	192.656	24.520935	15.083094	74.617	315.609803	408.955
CIRC.	21.915	294.532524	0.000	721324.494	4371029.844	323.719612	194.379	24.246321	13.516685	74.049	314.043394	408.984
CIRC.	40.000	283.019259	0.000	721306.714	4371026.676	320.862057	209.998	21.388766	397.999149	69.253	298.525857	409.473
CIRC.	55.665	273.046607	0.000	721291.987	4371021.383	318.070411	222.451	18.597120	383.543430	66.122	284.070139	410.250
CIRC.	60.000	270.286863	0.000	721288.075	4371019.517	317.256046	225.703	17.782754	379.397854	65.457	279.924563	410.510
CIRC.	74.455	261.084363	0.000	721275.680	4371012.104	314.431854	235.893	14.958562	365.235020	63.946	265.761728	411.377

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 184 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 1

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B04 X: 721308.890 Y: 4370957.458 Z: 413.265 PK: 76.998 Dis= -63.863 K : 1.000000000
Distancia: 195.525 Azimut: 307.936756
BO : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 236.282 Dis= -40.733 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	60.000	270.286863	0.000	721288.075	4371019.517	379.397854	65.457	71.461098	86.338907	177.257	378.402151	410.510
CIRC.	74.455	261.084363	0.000	721275.680	4371012.104	365.235020	63.946	57.298263	88.130249	163.633	380.193493	411.377
CIRC.	80.000	264.614257	0.000	721271.053	4371009.049	359.715374	63.979	51.778618	88.991308	158.535	381.054552	411.710
CIRC.	91.104	271.683101	0.000	721261.316	4371003.725	349.113320	66.363	41.176564	90.525884	148.069	382.589128	412.376
CIRC.	100.000	277.346653	0.000	721253.125	4371000.259	341.675107	70.297	33.738351	91.536122	139.473	383.599365	413.009
CIRC.	111.104	284.415496	0.000	721242.524	4370996.976	334.191319	77.241	26.254563	92.451784	128.544	384.515028	414.076
CIRC.	120.000	290.079048	0.000	721233.809	4370995.207	329.657684	84.037	21.720928	92.838093	119.682	384.901337	415.055
CIRC.	138.990	302.168628	0.000	721214.882	4370994.053	323.633002	100.880	15.696245	92.219964	100.750	384.283208	417.144
CIRC.	140.000	302.811444	0.000	721213.873	4370994.092	323.427194	101.835	15.490438	92.116459	99.754	384.179702	417.250
CIRC.	152.190	310.572009	0.000	721201.758	4370995.371	321.653486	113.643	13.716730	90.114377	87.933	382.177620	417.870
CIRC.	160.000	315.543839	0.000	721194.113	4370996.961	321.102269	121.384	13.165512	87.941186	80.673	380.004430	417.615
CIRC.	162.870	317.371108	0.000	721191.339	4370997.695	320.995067	124.247	13.058310	86.927819	78.096	378.991063	417.394
CIRC.	180.000	328.276235	0.000	721175.318	4371003.698	321.216369	141.350	13.279613	77.842549	64.289	369.905792	415.870
CIRC.	182.221	329.689985	0.000	721173.323	4371004.674	321.336217	143.554	13.399460	76.221482	62.768	368.284726	415.672
CIRC.	200.000	323.732803	0.000	721157.092	4371011.914	321.927893	161.270	13.991137	60.519480	51.867	352.582723	414.090
CIRC.	204.373	322.267486	0.000	721153.001	4371013.460	321.956200	165.643	14.019444	55.846401	49.570	347.909645	413.701
CIRC.	220.000	317.031542	0.000	721138.117	4371018.206	321.757431	181.256	13.820675	36.138978	43.213	328.202222	412.920
CIRC.	222.173	316.303364	0.000	721136.018	4371018.769	321.697188	183.422	13.760432	33.041391	42.609	325.104635	412.908
CIRC.	226.973	314.695061	0.000	721131.360	4371019.926	321.539364	188.200	13.602607	25.951663	41.560	318.014907	412.966

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 184 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 1

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B05 X: 721114.883 Y: 4370981.771 Z: 418.756 PK: 236.282 Dis= -40.733 K : 1.000000000
Distancia: 266.093 Azimut: 286.365409
BO : B06 X: 720854.869 Y: 4370925.216 Z: 415.878 PK: 313.220 Dis=-213.324 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	220.000	317.031542	0.000	721138.117	4371018.206	36.138978	43.213	149.773569	79.805615	298.122	393.440206	412.920
CIRC.	222.173	316.303364	0.000	721136.018	4371018.769	33.041391	42.609	146.675982	79.550108	296.305	393.184699	412.908
CIRC.	226.973	314.695061	0.000	721131.360	4371019.926	25.951663	41.560	139.586254	78.990582	292.262	392.625173	412.966
CIRC.	240.000	310.330281	0.000	721118.586	4371022.469	5.776753	40.866	119.411344	77.507942	281.078	391.142533	413.279
CIRC.	241.828	309.717685	0.000	721116.780	4371022.756	2.945259	41.029	116.579850	77.304361	279.485	390.938952	413.323
CIRC.	254.428	305.495890	0.000	721104.273	4371024.257	384.419970	43.791	98.054561	75.934816	268.349	389.569407	413.474
CIRC.	260.000	303.629021	0.000	721098.715	4371024.656	377.048630	45.832	90.683221	75.349345	263.343	388.983936	413.444
CIRC.	269.128	300.570464	0.000	721089.593	4371024.957	366.274027	50.046	79.908618	74.419875	255.037	388.054466	413.268
CIRC.	280.000	296.927760	0.000	721078.725	4371024.744	355.468942	56.161	69.103532	73.366398	244.984	387.000988	412.964
CIRC.	300.000	290.226499	0.000	721058.836	4371022.730	340.177002	69.419	53.811593	71.608929	226.078	385.243519	412.404
CIRC.	313.220	285.796983	0.000	721045.852	4371020.256	332.377617	79.034	46.012208	70.603797	213.324	384.238388	412.033

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 185 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B09 X: 720202.271 Y: 4370759.571 Z: 405.430 PK: 0.000 Dis= 46.282 K : 1.000000000
Distancia: 155.674 Azimut: 321.865036
BO : B10 X: 720055.689 Y: 4370811.993 Z: 405.592 PK: 62.390 Dis= 111.257 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	0.000	316.444501	0.000	720171.136	4370725.327	246.974139	46.282	325.109103	140.995074	144.358	19.130038	406.414
CIRC.	1.558	314.460581	0.000	720169.624	4370725.701	248.829729	47.043	326.964693	141.266118	142.925	19.401082	406.406
CIRC.	7.558	306.821144	0.000	720163.711	4370726.699	255.058211	50.670	333.193176	142.549580	137.637	20.684545	406.391
CIRC.	20.000	290.979710	0.000	720151.303	4370726.484	263.344074	60.765	341.479038	146.451705	128.272	24.586669	406.456
RECTA	25.866	283.511178	0.000	720145.558	4370725.318	265.409974	66.254	343.544939	148.848442	124.856	26.983406	406.531
RECTA	26.758	283.511178	0.000	720144.695	4370725.089	265.647441	67.111	343.782405	149.239104	124.396	27.374068	406.545
RECTA	40.000	283.511178	0.000	720131.895	4370721.698	268.569613	79.920	346.704578	155.374148	118.155	33.509112	406.757
RECTA	47.653	283.511178	0.000	720124.497	4370719.738	269.866367	87.381	348.001331	159.203033	115.090	37.337997	406.879
CIRC.	55.979	283.511178	0.000	720116.449	4370717.605	271.046552	95.533	349.181516	163.588394	112.254	41.723358	407.024
CIRC.	60.000	273.272536	0.000	720112.662	4370716.268	271.342323	99.524	349.477287	165.822391	111.397	43.957355	407.102
CIRC.	76.807	230.474292	0.000	720100.662	4370704.954	268.601282	115.358	346.736246	174.677743	116.103	52.812707	407.487

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 185 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B10 X: 720055.689 Y: 4370811.993 Z: 405.592 PK: 62.390 Dis= 111.257 K : 1.000000000
Distancia: 204.022 Azimut: 279.059068
BO : B11 X: 719862.606 Y: 4370746.086 Z: 403.681 PK: 300.119 Dis= 105.763 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	60.000	273.272536	0.000	720112.662	4370716.268	165.822391	111.397	286.763323	107.555765	251.827	28.496697	407.102
CIRC.	76.807	230.474292	0.000	720100.662	4370704.954	174.677743	116.103	295.618675	110.892079	241.583	31.833011	407.487
CIRC.	80.000	236.282390	0.000	720099.064	4370702.191	176.049460	118.059	296.990392	111.684904	240.498	32.625836	407.571
CIRC.	89.653	253.840720	0.000	720092.808	4370694.880	180.460193	122.855	301.401125	113.934108	235.828	34.875040	407.845
CIRC.	100.000	272.660662	0.000	720084.169	4370689.254	185.484998	126.000	306.425930	115.984999	228.736	36.925931	408.156
CIRC.	107.015	285.419441	0.000	720077.542	4370686.990	188.981880	126.899	309.922812	117.081618	222.912	38.022549	408.366
CIRC.	116.015	301.789664	0.000	720068.612	4370686.090	193.488275	126.565	314.429207	118.041588	214.565	38.982520	408.501
CIRC.	120.000	309.038935	0.000	720064.643	4370686.428	195.467806	125.884	316.408738	118.278793	210.661	39.219725	408.474
CIRC.	121.411	311.606155	0.000	720063.250	4370686.656	196.163967	125.565	317.104899	118.332312	209.261	39.273244	408.452
CIRC.	138.999	279.616060	0.000	720045.889	4370685.457	204.920782	126.915	325.861714	120.337696	193.050	41.278627	407.621
CIRC.	140.000	279.679793	0.000	720044.938	4370685.142	205.382487	127.305	326.323419	120.535451	192.248	41.476383	407.542
CIRC.	152.015	280.444660	0.000	720033.508	4370681.441	210.713774	132.423	331.654706	123.021646	182.720	43.962578	406.341
CIRC.	160.000	280.953033	0.000	720025.887	4370679.057	214.039729	136.236	334.980661	124.798704	176.504	45.739636	405.383
CIRC.	167.499	281.430454	0.000	720018.713	4370676.873	217.005130	140.088	337.946062	126.567722	170.762	47.508654	404.483
CIRC.	180.000	282.226272	0.000	720006.718	4370673.353	221.616143	147.034	342.557075	129.755393	161.426	50.696325	403.192
CIRC.	200.000	283.499512	0.000	719987.439	4370668.035	228.183946	159.318	349.124878	135.572965	147.225	56.513897	401.996
CIRC.	206.750	283.929258	0.000	719980.908	4370666.326	230.194136	163.741	351.135068	137.764468	142.678	58.705400	401.833
CIRC.	220.000	284.772751	0.000	719968.057	4370663.102	233.866360	172.765	354.807292	142.445318	134.187	63.386250	401.635
CIRC.	236.865	285.846414	0.000	719951.639	4370659.245	238.069171	184.820	359.010103	149.206676	124.371	70.147608	401.382
CIRC.	240.000	285.713362	0.000	719948.582	4370658.551	238.795739	187.127	359.736670	150.572262	122.696	71.513194	401.335
CIRC.	249.190	285.323324	0.000	719939.628	4370656.478	240.815469	194.049	361.756401	154.799271	118.161	75.740202	401.197
CIRC.	260.000	284.864536	0.000	719929.113	4370653.970	242.993927	202.466	363.934858	160.189821	113.616	81.130752	401.103
CIRC.	261.940	284.782197	0.000	719927.228	4370653.512	243.363707	204.006	364.304639	161.202956	112.898	82.143888	401.101
CIRC.	272.140	284.349296	0.000	719917.327	4370651.063	245.208780	212.232	366.149712	166.737506	109.653	87.678438	401.162
CIRC.	280.000	284.015709	0.000	719909.708	4370649.130	246.523627	218.711	367.464559	171.210087	107.792	92.151019	401.257
CIRC.	300.000	283.166883	0.000	719890.369	4370644.032	249.495621	235.673	370.436553	183.090529	105.763	104.031461	401.497

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 185 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B11 X: 719862.606 Y: 4370746.086 Z: 403.681 PK: 300.119 Dis= 105.763 K : 1.000000000
Distancia: 199.969 Azimut: 283.625069
BO : B12 X: 719669.216 Y: 4370695.216 Z: 397.451 PK: 508.363 Dis= 115.065 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	300.000	283.166883	0.000	719890.369	4370644.032	183.090529	105.763	299.465460	114.479037	226.999	30.853968	401.497
CIRC.	320.000	282.318057	0.000	719871.099	4370638.677	194.976416	107.744	311.351347	117.383732	209.651	33.758663	401.737
CIRC.	335.440	281.662754	0.000	719856.273	4370634.367	203.604995	111.898	319.979926	120.021726	196.705	36.396657	401.922
CIRC.	340.000	281.469230	0.000	719851.903	4370633.065	206.010847	113.527	322.385778	120.876181	192.970	37.251112	401.966
CIRC.	347.440	281.153458	0.000	719844.781	4370630.912	209.775134	116.545	326.150065	122.351321	186.971	38.726252	401.994
CIRC.	358.440	280.686603	0.000	719834.271	4370627.664	214.951243	121.764	331.326174	124.730688	178.344	41.105619	401.933
CIRC.	360.000	280.620404	0.000	719832.783	4370627.198	215.646634	122.572	332.021565	125.088522	177.146	41.463453	401.916
CIRC.	380.000	279.771578	0.000	719813.743	4370621.076	223.721228	134.220	340.096159	130.174521	162.434	46.549452	401.696
CIRC.	400.000	278.922751	0.000	719794.787	4370614.701	230.335849	147.856	346.710779	136.297487	149.166	52.672418	401.476
CIRC.	420.000	278.073925	0.000	719775.917	4370608.074	235.704542	162.980	352.079473	143.598296	137.764	59.973227	401.256
CIRC.	440.000	277.225099	0.000	719757.137	4370601.196	240.057536	179.212	356.432467	152.133522	128.724	68.508453	401.036
CIRC.	449.434	276.824692	0.000	719748.310	4370597.864	241.818124	187.172	358.193055	156.564039	125.432	72.938970	400.932
CIRC.	460.000	279.066793	0.000	719738.373	4370594.277	243.661402	196.163	360.036332	161.759639	122.357	78.134570	400.816
CIRC.	480.000	283.310924	0.000	719719.243	4370588.454	246.984278	213.075	363.359209	172.103292	117.902	88.478222	400.596
CIRC.	500.000	287.555056	0.000	719699.768	4370583.918	250.131306	229.814	366.506236	182.944518	115.415	99.319449	400.376
CIRC.	503.364	288.268835	0.000	719696.465	4370583.283	250.646118	232.610	367.021049	184.797888	115.202	101.172819	400.339

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 185 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B12 X: 719669.216 Y: 4370695.216 Z: 397.451 PK: 508.363 Dis= 115.065 K : 1.000000000
Distancia: 125.835 Azimut: 281.128901
BO : B13 X: 719548.869 Y: 4370658.459 Z: 401.680 PK: 601.252 Dis= 116.857 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	500.000	287.555056	0.000	719699.768	4370583.918	182.944518	115.415	301.815617	129.209294	168.306	48.080393	400.376
CIRC.	503.364	288.268835	0.000	719696.465	4370583.283	184.797888	115.202	303.668987	129.990343	165.638	48.861442	400.339
CIRC.	520.000	285.915266	0.000	719680.170	4370579.933	193.968972	115.802	312.840071	134.313130	152.991	53.184229	400.156
CIRC.	540.000	283.085845	0.000	719660.762	4370575.113	204.473996	120.401	323.345095	140.757408	139.523	59.628507	399.936
CIRC.	541.646	282.852968	0.000	719659.174	4370574.677	205.291443	120.956	324.162542	141.353665	138.515	60.224764	399.918
CIRC.	552.646	281.296786	0.000	719648.607	4370571.621	210.518424	125.301	329.389523	145.605220	132.244	64.476319	399.858
CIRC.	560.000	280.256424	0.000	719641.586	4370569.434	213.765582	128.781	332.636681	148.706785	128.538	67.577884	399.885
CIRC.	566.646	279.316192	0.000	719635.272	4370567.359	216.519953	132.286	335.391052	151.683985	125.558	70.555084	399.956
CIRC.	580.000	277.427003	0.000	719622.682	4370562.909	221.530342	140.251	340.401441	158.126100	120.740	76.997199	400.143
CIRC.	596.758	275.056256	0.000	719607.079	4370556.800	226.862252	151.724	345.733351	166.894018	117.145	85.765117	400.377
CIRC.	600.000	270.928185	0.000	719604.125	4370555.465	227.749565	154.166	346.620664	168.651787	116.880	87.522886	400.423
CIRC.	616.864	249.456005	0.000	719590.516	4370545.641	230.834880	169.016	349.705979	177.486949	120.260	96.358049	400.659

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 185 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B13 X: 719548.869 Y: 4370658.459 Z: 401.680 PK: 601.252 Dis= 116.857 K : 1.000000000
Distancia: 221.540 Azimut: 285.005166
BO : B14 X: 719333.446 Y: 4370606.759 Z: 400.027 PK: 845.912 Dis= 129.716 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	600.000	270.928185	0.000	719604.125	4370555.465	168.651787	116.880	283.646621	111.922555	275.496	26.917390	400.423
CIRC.	616.864	249.456005	0.000	719590.516	4370545.641	177.486949	120.260	292.481784	114.859685	264.236	29.854519	400.659
CIRC.	620.000	253.448615	0.000	719588.249	4370543.475	178.993901	121.541	293.988736	115.497771	262.544	30.492606	400.703
CIRC.	622.203	256.253864	0.000	719586.577	4370542.040	180.058613	122.373	295.053447	115.935235	261.274	30.930070	400.733
CIRC.	640.000	278.913406	0.000	719571.120	4370533.411	188.789318	127.013	303.784152	119.056332	248.735	34.051166	401.169
CIRC.	644.303	284.392458	0.000	719566.996	4370532.188	190.923124	127.566	305.917959	119.675544	245.166	34.670378	401.330
CIRC.	660.000	304.378197	0.000	719551.424	4370530.811	198.725911	127.674	313.720745	121.343757	230.830	36.338591	401.958
CIRC.	666.871	313.127001	0.000	719544.623	4370531.752	202.132587	126.778	317.127421	121.727008	224.102	36.721843	402.233
CIRC.	680.000	296.411013	0.000	719531.569	4370532.732	208.705388	126.912	323.700222	122.764315	211.501	37.759150	402.758
RECTA	692.804	280.107912	0.000	719519.016	4370530.390	214.579497	131.502	329.574331	124.854447	200.670	39.849281	403.270
RECTA	700.000	280.107912	0.000	719512.169	4370528.178	217.480761	135.351	332.475595	126.371290	195.235	41.366125	403.558
RECTA	720.000	280.107912	0.000	719493.137	4370522.030	224.689250	147.373	339.684084	131.055061	180.777	46.049895	404.358
RECTA	727.166	280.107912	0.000	719486.318	4370519.827	226.983260	152.090	341.978095	132.916620	175.861	47.911454	404.645
RECTA	740.000	280.107912	0.000	719474.105	4370515.882	230.745935	160.990	345.740769	136.517376	167.462	51.512211	404.993
RECTA	747.166	280.107912	0.000	719467.287	4370513.679	232.667701	166.183	347.662536	138.685272	163.025	53.680107	405.045
RECTA	760.000	280.107912	0.000	719455.074	4370509.734	235.820071	175.831	350.814905	142.866797	155.587	57.861632	404.880
RECTA	770.166	280.107912	0.000	719445.400	4370506.609	238.077777	183.750	353.072611	146.460639	150.213	61.455474	404.516
RECTA	780.000	280.107912	0.000	719436.042	4370503.586	240.081943	191.613	355.076777	150.178510	145.501	65.173345	404.063
RECTA	800.000	280.107912	0.000	719417.011	4370497.438	243.681818	208.121	358.676653	158.450989	137.602	73.445824	403.143
RECTA	820.000	280.107912	0.000	719397.979	4370491.290	246.744398	225.196	361.739233	167.555811	132.279	82.550645	402.223
RECTA	840.000	280.107912	0.000	719378.947	4370485.142	249.370169	242.718	364.365004	177.208191	129.851	92.203025	401.303
RECTA	858.218	280.107912	0.000	719361.611	4370479.541	251.449702	258.992	366.444536	186.129397	130.298	101.124231	400.465

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 185 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B14 X: 719333.446 Y: 4370606.759 Z: 400.027 PK: 845.912 Dis= 129.716 K : 1.000000000
Distancia: 211.257 Azimut: 283.325031
BO : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 1045.900 Dis= 152.081 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	840.000	280.107912	0.000	719378.947	4370485.142	177.208191	129.851	293.882260	116.678281	258.369	33.352350	401.303
RECTA	858.218	280.107912	0.000	719361.611	4370479.541	186.129397	130.298	302.803466	119.269510	243.277	35.943579	400.465
RECTA	860.000	280.107912	0.000	719359.916	4370478.993	186.994790	130.479	303.668859	119.540170	241.824	36.214239	400.389
RECTA	872.018	280.107912	0.000	719348.479	4370475.299	192.751286	132.317	309.425355	121.453874	232.143	38.127944	400.148
RECTA	880.000	280.107912	0.000	719340.884	4370472.845	196.467495	134.120	313.141564	122.814648	225.838	39.488718	400.254
RECTA	883.418	280.107912	0.000	719337.631	4370471.795	198.026404	135.029	314.700473	123.420847	223.170	40.094917	400.364
CIRC.	896.583	280.107912	0.000	719325.104	4370467.748	203.815705	139.261	320.489774	125.895552	213.098	42.569621	400.865
CIRC.	900.000	279.020304	0.000	719321.862	4370466.670	205.252331	140.568	321.926400	126.582762	210.559	43.256831	400.995
RECTA	913.222	274.811616	0.000	719309.502	4370461.980	210.434265	146.745	327.108334	129.523400	201.377	46.197470	401.497
RECTA	920.000	274.811616	0.000	719303.247	4370459.368	212.865474	150.453	329.539543	131.182538	197.019	47.856608	401.755
RECTA	940.000	274.811616	0.000	719284.793	4370451.660	219.351359	162.551	336.025428	136.516936	185.010	53.191005	402.515
RECTA	960.000	274.811616	0.000	719266.338	4370443.951	224.890166	176.096	341.564236	142.542627	174.472	59.216697	403.275
RECTA	962.905	274.811616	0.000	719263.657	4370442.832	225.623373	178.165	342.297443	143.476957	173.081	60.151026	403.385
RECTA	974.305	274.811616	0.000	719253.138	4370438.438	228.340558	186.498	345.014628	147.286484	167.994	63.960553	403.602
RECTA	980.000	274.811616	0.000	719247.883	4370436.243	229.607811	190.779	346.281880	149.273468	165.689	65.947537	403.547
RECTA	985.705	274.811616	0.000	719242.618	4370434.044	230.821236	195.141	347.495305	151.318416	163.545	67.992485	403.385
CIRC.	987.660	274.811616	0.000	719240.815	4370433.291	231.224435	196.651	347.898505	152.030968	162.850	68.705037	403.311
RECTA	988.054	275.314222	0.000	719240.450	4370433.140	231.305517	196.956	347.979586	152.175417	162.711	68.849486	403.296
RECTA	1000.000	275.314222	0.000	719229.391	4370428.623	233.656158	206.300	350.330227	156.653549	158.857	73.327618	402.842
RECTA	1009.084	275.314222	0.000	719220.982	4370425.189	235.304419	213.579	351.978488	160.193653	156.474	76.867722	402.497
RECTA	1020.000	275.314222	0.000	719210.876	4370421.061	237.140848	222.502	353.814917	164.575210	154.271	81.249280	402.268
RECTA	1021.244	275.314222	0.000	719209.724	4370420.591	237.340817	223.530	354.014886	165.082023	154.067	81.756092	402.265
RECTA	1029.244	275.314222	0.000	719202.318	4370417.566	238.583729	230.192	355.257798	168.369511	152.991	85.043580	402.365
RECTA	1040.000	275.314222	0.000	719192.361	4370413.499	240.144866	239.279	356.818936	172.845511	152.196	89.519581	402.634
RECTA	1048.900	275.314222	0.000	719184.122	4370410.134	241.349121	246.899	358.023190	176.569493	152.111	93.243563	402.857

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 185 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B15 X: 719129.394 Y: 4370552.058 Z: 402.092 PK: 1045.900 Dis= 152.081 K : 1.000000000
Distancia: 190.802 Azimut: 281.452411
BO : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 1235.816 Dis= 170.450 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1040.000	275.314222	0.000	719192.361	4370413.499	172.845511	152.196	291.393101	120.912242	259.609	39.459831	402.634
RECTA	1048.900	275.314222	0.000	719184.122	4370410.134	176.569493	152.111	295.117082	122.382869	252.964	40.930458	402.857
RECTA	1060.000	275.314222	0.000	719173.846	4370405.936	181.199547	152.733	299.747137	124.327693	244.876	42.875282	403.073
RECTA	1068.900	275.314222	0.000	719165.607	4370402.571	184.869350	153.811	303.416939	125.980930	238.567	44.528519	403.157
RECTA	1080.000	275.314222	0.000	719155.331	4370398.374	189.356226	155.857	307.903815	128.167687	230.936	46.715276	403.212
RECTA	1100.000	275.314222	0.000	719136.816	4370390.812	197.071882	161.417	315.619471	132.482916	217.943	51.030505	403.312
RECTA	1100.613	275.314222	0.000	719136.248	4370390.580	197.299305	161.624	315.846894	132.623160	217.561	51.170749	403.315
RECTA	1120.000	275.314222	0.000	719118.301	4370383.249	204.177595	169.173	322.725185	137.319725	206.074	55.867314	403.726
RECTA	1122.813	275.314222	0.000	719115.697	4370382.186	205.122206	170.424	323.669795	138.043991	204.506	56.591581	403.837
RECTA	1137.329	275.314222	0.000	719102.258	4370376.697	209.773635	177.448	328.321224	141.959045	196.857	60.506634	404.447
RECTA	1140.000	275.314222	0.000	719099.785	4370375.687	210.588610	178.839	329.136199	142.712092	195.535	61.259681	404.552
RECTA	1158.329	275.314222	0.000	719082.817	4370368.756	215.841122	189.127	334.388711	148.151168	187.236	66.698757	404.888
RECTA	1160.000	275.314222	0.000	719081.270	4370368.124	216.291113	190.125	334.838702	148.670363	186.551	67.217952	404.885
RECTA	1169.579	275.314222	0.000	719072.403	4370364.503	218.780145	196.023	337.327734	151.718394	182.867	70.265983	404.761
RECTA	1180.000	275.314222	0.000	719062.755	4370360.562	221.319371	202.760	339.866960	155.167895	179.356	73.715484	404.527
RECTA	1192.674	275.314222	0.000	719051.022	4370355.770	224.183738	211.356	342.731327	159.532481	175.825	78.080070	404.242
RECTA	1200.000	275.314222	0.000	719044.240	4370353.000	225.733859	216.507	344.281448	162.129006	174.172	80.676595	404.115
RECTA	1208.424	275.314222	0.000	719036.441	4370349.814	227.426539	222.582	345.974128	165.170315	172.637	83.717904	404.064
RECTA	1214.024	275.314222	0.000	719031.257	4370347.697	228.501065	226.703	347.048654	167.219069	171.837	85.766658	404.087
RECTA	1220.000	275.314222	0.000	719025.725	4370345.437	229.605102	231.170	348.152691	169.423938	171.182	87.971527	404.135

Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 185 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 2

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* * * DATOS PARA REPLANTEO DE PUNTOS * * *
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Compensaciones:
Z : Esfericidad y Refraccion :NO
D : Reduccion al nivel del mar:NO
D : Paso de la cuerda al arco :NO
D : Paso al plano de la U.T.M.:SI K' POR ESTACION

BR : B16 X: 718946.633 Y: 4370497.252 Z: 407.027 PK: 1235.816 Dis= 170.450 K : 1.000000000
Distancia: 212.806 Azimut: 272.653571
BO : B17 X: 718753.160 Y: 4370408.625 Z: 404.457 PK: 1474.524 Dis= 145.005 K : 1.000000000

TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
RECTA	1220.000	275.314222	0.000	719025.725	4370345.437	169.423938	171.182	296.770367	114.502330	279.793	41.848759	404.135
RECTA	1240.000	275.314222	0.000	719007.210	4370337.875	176.876646	170.501	304.223075	117.291033	263.717	44.637462	404.295
RECTA	1255.396	275.314222	0.000	718992.957	4370332.053	182.595417	171.571	309.941846	119.676962	251.725	47.023390	404.418
CIRC.	1257.888	275.314222	0.000	718990.649	4370331.111	183.512534	171.873	310.858963	120.084570	249.819	47.430999	404.445
CIRC.	1260.000	275.421767	0.000	718988.694	4370330.314	184.287050	172.155	311.633478	120.434478	248.211	47.780907	404.481
CIRC.	1278.196	276.348489	0.000	718971.788	4370323.585	190.842537	175.479	318.188966	123.616155	234.584	50.962584	405.250
CIRC.	1280.000	276.440359	0.000	718970.107	4370322.932	191.478684	175.894	318.825113	123.948760	233.258	51.295189	405.367
CIRC.	1300.000	277.458951	0.000	718951.403	4370315.847	198.326236	181.467	325.672665	127.866100	218.879	55.212529	406.667
CIRC.	1303.836	277.654331	0.000	718947.803	4370314.523	199.592339	182.733	326.938767	128.668775	216.197	56.015203	406.917
CIRC.	1320.000	278.477542	0.000	718932.589	4370309.063	204.741978	188.712	332.088407	132.249958	205.201	59.596387	407.565
CIRC.	1324.961	278.730219	0.000	718927.906	4370307.427	206.260347	190.746	333.606776	133.417509	201.933	60.763938	407.603
CIRC.	1340.000	279.496134	0.000	718913.669	4370302.581	210.678627	197.442	338.025056	137.168411	192.376	64.514840	407.255
CIRC.	1342.836	279.640585	0.000	718910.978	4370301.686	211.480651	198.789	338.827080	137.913171	190.637	65.259600	407.112
CIRC.	1360.000	280.514726	0.000	718894.648	4370296.403	216.123582	207.468	343.470011	142.688922	180.590	70.035350	406.168
CIRC.	1380.000	281.533317	0.000	718875.530	4370290.529	221.089806	218.609	348.436234	148.868603	170.062	76.215031	405.068
CIRC.	1382.968	281.684456	0.000	718872.685	4370289.684	221.787546	220.347	349.133975	149.844106	168.622	77.190535	404.904
CIRC.	1400.000	282.551909	0.000	718856.321	4370284.962	225.606547	230.702	352.952976	155.738738	161.042	83.085167	404.258
CIRC.	1407.968	282.957695	0.000	718848.644	4370282.830	227.289010	235.751	354.635439	158.666663	157.929	86.013091	404.154
CIRC.	1420.000	283.570501	0.000	718837.025	4370279.703	229.711691	243.601	357.058119	163.284106	153.799	90.630535	404.094
CIRC.	1440.000	284.589092	0.000	718817.647	4370274.754	233.446253	257.183	360.792682	171.421658	148.594	98.768087	403.994
CIRC.	1460.000	285.607684	0.000	718798.192	4370270.115	236.850850	271.341	364.197278	179.988415	145.647	107.334843	403.894

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Istram 18.07
PROYECTO : modificaciones alegaciones Informacion Publica para PC
EJE : 185 (Derecha): Rep. Cam. Natural Cáceres - Badajoz 2


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                              * * *  DATOS PARA REPLANTEO DE PUNTOS  * * *
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Compensaciones:               Z : Esfericidad y Refraccion  :NO
                              D : Reduccion al nivel del mar:NO
                              D : Paso de la cuerda al arco :NO
                              D : Paso al plano de la U.T.M.:SI  K' POR ESTACION

BR : B17                   X:  718753.160  Y: 4370408.625  Z: 404.457  PK:    1474.524 Dis= 145.005  K : 1.000000000
                                                                         Distancia:   233.771  Azimut: 292.420961
BO : B18                   X:  718521.044  Y: 4370380.860  Z: 406.104  PK:    1694.453 Dis= 148.629  K : 1.000000000
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TIPO	PK Estac.	Azimut	Dis.Eje	X	Y	Ang.Azimu.	Dis.Redu	Angulo 1-2	Ang.Az(BO)	Dis.R(BO)	Ang1-2(BO)	COTA
CIRC.	1460.000	285.607684	0.000	718798.192	4370270.115	179.988415	145.647	287.567453	124.201128	298.456	31.780166	403.894
CIRC.	1480.000	286.626275	0.000	718778.666	4370265.788	188.750458	145.096	296.329497	126.743148	282.154	34.322187	403.794
CIRC.	1500.000	287.644867	0.000	718759.074	4370261.774	197.437781	146.970	305.016820	129.531943	266.157	37.110982	403.694
CIRC.	1520.000	288.663459	0.000	718739.419	4370258.074	205.794473	151.177	313.373511	132.608648	250.527	40.187687	403.594
CIRC.	1540.000	289.682050	0.000	718719.708	4370254.689	213.622750	157.529	321.201789	136.021728	235.343	43.600766	403.494
CIRC.	1560.000	290.700642	0.000	718699.945	4370251.620	220.803886	165.778	328.382925	139.827579	220.700	47.406618	403.394
CIRC.	1563.998	290.904264	0.000	718695.988	4370251.044	222.156857	167.632	329.735896	140.641019	217.848	48.220058	403.374
CIRC.	1580.000	291.719234	0.000	718680.135	4370248.867	227.294342	175.656	334.873381	144.090421	206.718	51.669460	403.320
CIRC.	1588.998	292.177504	0.000	718671.209	4370247.732	229.991126	180.562	337.570165	146.175970	200.680	53.755009	403.312
CIRC.	1600.000	292.737825	0.000	718660.284	4370246.432	233.107128	186.902	340.686167	148.880693	193.543	56.459731	403.324
CIRC.	1620.000	293.756417	0.000	718640.397	4370244.314	238.289948	199.282	345.868987	154.270746	181.356	61.849785	403.408
CIRC.	1640.000	294.775009	0.000	718620.478	4370242.515	242.907112	212.596	350.486151	160.326188	170.372	67.905227	403.572
CIRC.	1660.000	295.793600	0.000	718600.533	4370241.035	247.027302	226.674	354.606341	167.091209	160.840	74.670248	403.816
CIRC.	1668.998	296.251871	0.000	718591.553	4370240.473	248.736683	233.221	356.315722	170.368907	157.099	77.947946	403.952
CIRC.	1680.000	296.812192	0.000	718580.567	4370239.874	250.716493	241.382	358.295532	174.567563	153.036	82.146602	404.128
CIRC.	1694.453	297.548261	0.000	718566.129	4370239.234	253.148248	252.337	360.727286	180.379676	148.629	87.958715	404.359