

ANEJO Nº 18 – REPLANTEO

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ÍNDICE

1.-	REPLANTEO DE LOS EJES DE TRAZADO.....	3
2.-	BASES DE REPLANTEO	4
3.-	LISTADOS DE REPLANTEO DE LOS EJES	4

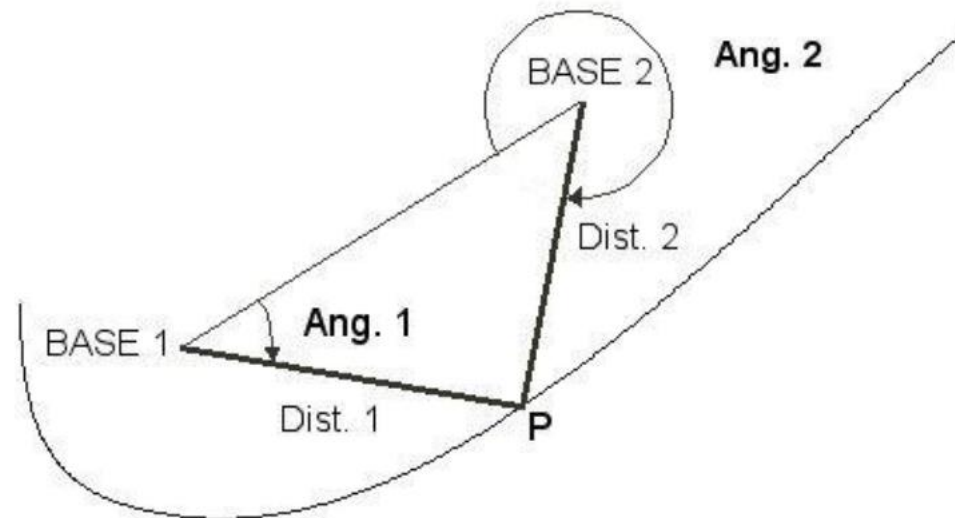
ANEJO Nº 18 – REPLANTEO

1.- REPLANTEO DE LOS EJES DE TRAZADO

En los listados que se integran en el presente anejo se incluye información para efectuar el replanteo de los ejes definidos en el Proyecto por diferentes métodos.

En los Planos **2.4.1** del Documento nº2 Planos se incluyen los ejes de replanteo de todos los ejes del proyecto.

La información necesaria para la realización del replanteo, la cual se incluye en los citados listados, junto con la simbología empleada se recoge en la imagen y los datos siguientes:



Estación (1): Datos de las Base de Replanteo en la que estacionamos el instrumento

Orientac. (2): Datos de la Base de Replanteo a la que orientaremos la base de replanteo

Acim.: Acimut desde la Base de Replanteo hacia la base de orientación

Dist.: Distancia entre la Base de Replanteo hacia la base de orientación

Estación: Punto kilométrico a replantear

Acim1.: Acimut desde la Base de Replanteo (1) hacia el punto a replantear.

Dist1.: Distancia desde la Base de Replanteo (1) hacia el punto a replantear.

Coor. X – Coor Y: Coordenadas del punto a replantear

Acim2.: Acimut desde la Base de Orientación (2) hacia el punto a replantear.

Dist2.: Distancia desde la Orientación (2) hacia el punto a replantear.

2.- BASES DE REPLANTEO

A continuación, se incluyen los datos de las bases de replanteo implantadas en el proyecto.

BASE	X	Y	Z
BR-56	585137,820	4747057,171	463,063
BR-57	585130,838	4747314,362	462,320
BR-58	585143,195	4747531,318	462,450
BR-59	585156,505	4747647,671	463,543
BR-60	585258,293	4747798,415	463,855
BR-61	585348,895	4748005,267	467,733
BR-62	585407,156	4748087,467	469,778
BR-63	585476,113	4748213,305	468,744
BR-64	585531,551	4748175,890	466,224
BR-65	585532,681	4748440,342	470,127
BR-66	585510,547	4748527,631	466,210
BR-67	585494,775	4748590,729	468,255

3.- LISTADOS DE REPLANTEO DE LOS EJES

A continuación, figuran los listados para el replanteo de los ejes que componen el proyecto con datos cada 20 metros.

EJES CONEXIÓN N-547

Istram 22.03.03.08 13/07/22 12:45:24 2229 pagina 0
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 1 : RAMAL DE CONEXIÓN N-547

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-56			585137.820	4747057.171	398.2921	260.285
*BASE 2: BR-57			585130.838	4747317.362		
0.000	7.9013	217.651	585164.764	4747273.148	158.3339	55.730
20.000	7.4579	237.588	585165.589	4747293.131	138.7632	42.365
40.000	7.0831	257.535	585166.415	4747313.114	107.5658	35.829
*BASE 1: BR-57			585130.838	4747317.362	3.6727	214.313
*BASE 2: BR-58			585143.195	4747531.318		
40.000	107.5658	35.829	585166.415	4747313.114	193.2509	219.436
60.000	74.0261	39.657	585167.240	4747333.097	192.3151	199.674
80.000	51.3174	51.591	585168.066	4747353.080	191.1739	179.965
100.000	38.1551	67.458	585168.891	4747373.063	189.7526	160.328
120.000	30.2103	85.086	585169.716	4747393.046	187.9358	140.793
140.000	25.0438	103.578	585170.542	4747413.029	185.5364	121.409
160.000	21.4587	122.546	585171.367	4747433.012	182.2323	102.263
180.000	18.8405	141.797	585172.192	4747452.995	177.4267	83.519
200.000	16.8508	161.231	585173.018	4747472.978	169.9161	65.521
220.000	15.2903	180.788	585173.843	4747492.961	157.0829	49.098
240.000	14.0350	200.433	585174.669	4747512.944	133.6407	36.445
*BASE 1: BR-58			585143.195	4747531.318	7.2510	117.112
*BASE 2: BR-59			585156.505	4747647.671		
240.000	133.6407	36.445	585174.669	4747512.944	191.4687	135.946
260.000	96.8322	32.339	585175.494	4747532.926	189.5593	116.305
280.000	63.2250	39.540	585176.319	4747552.909	186.8775	96.811
300.000	43.5946	53.675	585177.145	4747572.892	182.8554	77.575
320.000	32.7367	70.701	585177.970	4747592.875	176.2313	58.850
335.394	27.4599	84.696	585178.605	4747608.256	167.4666	45.188
340.000	26.2069	88.973	585178.796	4747612.858	163.7427	41.338
360.000	21.9474	107.869	585179.650	4747632.840	136.2785	27.489
*BASE 1: BR-59			585156.505	4747647.671	37.8097	181.892
*BASE 2: BR-60			585258.293	4747798.415		
360.000	136.2785	27.489	585179.650	4747632.840	228.2291	183.302
380.000	86.6183	24.660	585180.622	4747652.816	231.1979	165.020
400.000	50.2402	35.646	585181.805	4747672.781	234.8151	147.086
420.000	34.1519	52.418	585183.295	4747692.725	239.2884	129.595
440.000	26.4680	71.014	585185.186	4747712.635	244.9329	112.706
460.000	22.3511	90.331	585187.572	4747732.492	252.2344	96.682
464.779	21.6714	95.007	585188.225	4747737.226	254.2996	93.025
480.000	20.0257	109.996	585190.538	4747752.270	261.9366	81.976
500.000	18.7063	129.842	585194.111	4747771.947	275.0997	69.426
520.000	17.9976	149.780	585198.287	4747791.506	292.7019	60.402
540.000	17.6861	169.764	585203.063	4747810.926	314.1821	56.629
*BASE 1: BR-60			585258.293	4747798.415	26.2818	225.824
*BASE 2: BR-61			585348.895	4748005.267		
540.000	314.1821	56.629	585203.063	4747810.926	240.9825	242.972

560.000	336.1223	59.123	585208.435	4747830.191	243.0438	224.457
580.000	354.6732	67.188	585214.396	4747849.281	245.2994	205.965
600.000	368.7062	79.133	585220.942	4747868.178	247.8065	187.524
620.000	379.0365	93.473	585228.066	4747886.866	250.6459	169.170
640.000	386.7769	109.258	585235.762	4747905.325	253.9361	150.955
658.452	392.3544	124.620	585243.363	4747922.138	257.5245	134.341
660.000	392.7702	125.935	585244.022	4747923.539	257.8560	132.958
680.000	397.5664	143.188	585252.821	4747941.498	262.6957	115.311
700.000	1.4978	160.856	585262.077	4747959.227	268.9586	98.270
720.000	4.7775	178.847	585271.702	4747976.758	277.4779	82.289
740.000	7.5483	197.101	585281.608	4747994.132	289.5599	68.202
760.000	9.9085	215.584	585291.712	4748011.393	306.7939	57.511
780.000	11.9276	234.271	585301.929	4748028.586	329.3386	52.436
787.836	12.6371	241.645	585305.946	4748035.314	338.8631	52.416
*BASE 1: BR-61			585348.895	4748005.267	39.2532	100.753
*BASE 2: BR-62			585407.156	4748087.467		
780.000	329.3386	52.436	585301.929	4748028.586	267.5224	120.581
787.836	338.8631	52.416	585305.946	4748035.314	269.7094	113.857
800.000	353.1127	54.657	585312.182	4748045.758	273.6565	103.729
820.000	372.6121	63.444	585322.435	4748062.930	282.0530	88.203
840.000	386.4228	76.569	585332.689	4748080.101	293.7237	74.831
860.000	395.8867	92.199	585342.942	4748097.273	309.6474	64.958
880.000	2.5063	109.263	585353.195	4748114.445	329.5144	60.329
*BASE 1: BR-62			585407.156	4748087.467	60.6598	152.620
*BASE 2: BR-64			585531.551	4748175.890		
880.000	329.5144	60.329	585353.195	4748114.445	278.8786	188.643
900.000	350.3206	62.125	585363.449	4748131.617	283.6055	173.835
920.000	368.2060	69.853	585373.702	4748148.788	289.1752	160.158
940.000	381.7042	81.850	585383.956	4748165.960	295.7234	147.929
960.000	391.4362	96.537	585394.209	4748183.132	303.3536	137.533
980.000	398.4806	112.869	585404.462	4748200.303	312.0821	129.412
1000.000	3.6977	130.228	585414.716	4748217.475	321.7691	124.015
1015.325	6.8289	143.993	585422.572	4748230.633	329.6349	121.955
1020.000	7.6681	148.254	585424.970	4748234.646	332.0747	121.704
*BASE 1: BR-64			585531.551	4748175.890	337.7948	66.882
*BASE 2: BR-63			585476.113	4748213.305		
1020.000	332.0747	121.704	585424.970	4748234.646	325.1669	55.417
*BASE 1: BR-63			585476.113	4748213.305	15.5453	233.978
*BASE 2: BR-65			585532.681	4748440.342		
1020.000	325.1669	55.417	585424.970	4748234.646	230.7094	232.190
1040.000	348.1236	56.056	585435.325	4748251.757	230.3388	212.232
1060.000	368.3315	62.943	585446.078	4748268.619	229.7364	192.325
1080.000	383.8618	74.071	585457.537	4748285.008	228.6843	172.555
1081.028	384.5438	74.719	585458.150	4748285.833	228.6127	171.546
1100.000	395.5095	87.608	585469.939	4748300.695	226.8822	153.095
1120.000	4.4640	102.523	585483.296	4748315.576	223.9941	134.184
1140.000	11.6090	118.249	585497.557	4748329.594	219.5518	116.185
1146.304	13.5858	123.317	585502.230	4748333.824	217.7266	110.785
1160.000	17.5199	134.464	585512.652	4748342.709	212.8811	99.666
1180.000	22.4870	151.087	585528.378	4748355.064	203.2097	85.386
1200.000	26.6526	168.153	585544.473	4748366.936	189.8599	74.347
1212.007	28.8081	178.629	585554.215	4748373.955	180.0318	69.793
1220.000	30.1060	185.707	585560.698	4748378.630	172.8692	67.774
*BASE 1: BR-65			585532.681	4748440.342	384.1904	90.052
*BASE 2: BR-66			585510.547	4748527.631		
1220.000	172.8692	67.774	585560.698	4748378.630	179.3309	157.214

1240.000	153.8547	66.247	585576.604	4748390.750	171.3763	151.987
1260.000	135.1279	68.933	585591.384	4748404.206	163.0858	147.541
1261.238	134.0144	69.203	585592.239	4748405.101	162.5645	147.266
1280.000	117.9861	74.383	585604.115	4748419.605	154.5578	142.914
1300.000	102.7805	81.733	585614.336	4748436.773	145.7767	137.940
1320.000	89.4109	90.372	585621.806	4748455.305	136.6963	132.701
1340.000	77.5811	99.791	585626.348	4748474.762	127.2657	127.299
1360.000	66.9709	109.595	585627.854	4748494.685	117.4304	121.846
1380.000	57.3045	119.489	585626.290	4748514.604	107.1350	116.474
1400.000	48.3642	129.243	585621.691	4748534.048	96.3283	111.330
1419.532	40.1746	138.466	585614.376	4748552.139	85.2430	106.682
1420.000	39.9841	138.681	585614.168	4748552.558	84.9711	106.577
1440.000	32.0849	147.858	585604.085	4748569.816	73.0276	102.611
1460.000	24.7869	157.557	585592.488	4748586.107	60.5411	100.667
1468.763	21.8264	162.198	585587.207	4748593.101	55.0022	100.812
*BASE 1: BR-66			585510.547	4748527.631	384.4065	65.039
*BASE 2: BR-67			585494.775	4748590.729		
1460.000	60.5411	100.667	585592.488	4748586.107	103.0090	97.822
1468.763	55.0022	100.812	585587.207	4748593.101	98.3670	92.463
1480.000	47.9923	102.083	585580.418	4748602.054	91.6299	86.389
1486.055	44.3100	103.269	585576.760	4748606.880	87.6174	83.560

Istram 22.03.03.08 13/07/22 12:45:24 2229 pagina 1
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 2 : GLORIETA EN N-547

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-67			585494.775	4748590.729	184.4065	65.039
*BASE 2: BR-66			585510.547	4748527.631		
0.000	44.8853	102.938	585561.486	4748669.124	21.9996	150.383
20.000	37.1705	86.916	585542.689	4748663.246	14.8149	139.372
40.000	35.7218	67.298	585530.586	4748647.708	10.5275	121.737
60.000	47.7050	50.966	585529.491	4748628.043	11.8712	102.183
80.000	72.7640	49.477	585539.793	4748611.256	21.4176	88.592
*BASE 1: BR-66			585510.547	4748527.631	221.2020	771.614
*BASE 2: BR-60			585258.293	4747798.415		
80.000	21.4176	88.592	585539.793	4748611.256	21.2242	860.205
*BASE 1: BR-60			585258.293	4747798.415	26.2818	225.824
*BASE 2: BR-61			585348.895	4748005.267		
80.000	21.2242	860.205	585539.793	4748611.256	19.4282	635.346
*BASE 1: BR-61			585348.895	4748005.267	39.2532	100.753
*BASE 2: BR-62			585407.156	4748087.467		
80.000	19.4282	635.346	585539.793	4748611.256	15.7889	540.322
*BASE 1: BR-62			585407.156	4748087.467	31.9133	143.493
*BASE 2: BR-63			585476.113	4748213.305		
80.000	15.7889	540.322	585539.793	4748611.256	10.1015	403.014
*BASE 1: BR-63			585476.113	4748213.305	15.5453	233.978
*BASE 2: BR-65			585532.681	4748440.342		
80.000	10.1015	403.014	585539.793	4748611.256	2.6474	171.062
*BASE 1: BR-65			585532.681	4748440.342	200.2720	264.454

*BASE 2: BR-64				585531.551	4748175.890		
80.000	2.6474	171.062		585539.793	4748611.256	1.2050	435.444
100.000	9.7430	164.913		585557.821	4748603.328	3.9078	428.244
120.000	16.5944	172.569		585577.156	4748607.081	6.7083	433.596
140.000	19.8311	189.981		585590.909	4748621.179	8.4365	449.228
160.000	18.9688	209.490		585594.181	4748640.601	8.5285	468.912
180.000	15.2121	224.463		585585.808	4748658.428	7.1283	485.578
200.000	9.9955	230.807		585568.771	4748668.310	4.8028	493.824
207.345	7.9736	230.588		585561.486	4748669.124	3.8591	494.141

Istram 22.03.03.08 13/07/22 12:45:24 2229 pagina 2
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 3 : REPOSICIÓN CAMINO EN N-547

REPLANTEO POR BISECCION

PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-67			585494.775	4748590.729	184.4065	65.039
*BASE 2: BR-66			585510.547	4748527.631		
0.000	4.3862	219.462	585509.884	4748809.671	399.8503	282.040
20.000	2.7985	200.157	585503.571	4748790.693	398.3122	263.155
40.000	0.8734	181.003	585497.258	4748771.715	396.5374	244.446
60.000	398.4955	162.054	585490.946	4748752.738	394.4705	225.959
66.448	397.6062	156.001	585488.910	4748746.620	393.7304	220.055
80.000	394.7023	144.364	585482.775	4748734.593	391.5081	208.817
92.921	390.1804	136.200	585473.850	4748725.312	388.3149	201.058
100.000	387.4693	132.057	585468.949	4748720.236	386.4587	197.046
120.000	383.0240	114.582	585464.582	4748701.261	383.5246	179.611
129.997	383.6689	104.714	585468.207	4748692.016	383.9515	169.750
140.000	386.4267	95.722	585474.520	4748684.284	385.6094	160.742
160.000	397.4197	83.210	585491.403	4748673.871	391.7134	147.488
175.258	9.1012	81.541	585506.392	4748671.438	398.1613	143.867
180.000	12.7700	82.020	585511.117	4748671.105	0.2531	143.475
193.114	22.9102	80.877	585523.256	4748666.425	5.8132	139.374
200.000	28.2823	79.612	585528.991	4748662.613	8.6454	136.237
208.986	35.4799	78.841	585536.475	4748657.640	12.5319	132.569

Istram 22.03.03.08 13/07/22 12:45:25 2229 pagina 3
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 4 : ACCESO OESTE A GLORIETA N-547

REPLANTEO POR BISECCION

PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-62			585407.156	4748087.467	31.9133	143.493
*BASE 2: BR-63			585476.113	4748213.305		
0.000	397.2271	487.473	585385.930	4748574.478	384.4225	372.262
0.042	397.2326	487.478	585385.972	4748574.485	384.4297	372.258

20.000	399.8062	490.265	585405.664	4748577.729	387.8430	371.171
25.042	0.4496	491.177	585410.624	4748578.632	388.7079	371.150
*BASE 1: BR-63			585476.113	4748213.305	137.7948	66.882
*BASE 2: BR-64			585531.551	4748175.890		
20.000	387.8430	371.171	585405.664	4748577.729	380.6727	421.097
25.042	388.7079	371.150	585410.624	4748578.632	381.4302	420.505
40.000	391.2687	371.816	585425.278	4748581.630	383.6917	419.427
*BASE 1: BR-64			585531.551	4748175.890	0.2720	264.454
*BASE 2: BR-65			585532.681	4748440.342		
40.000	383.6917	419.427	585425.278	4748581.630	358.6210	177.476
60.000	386.7267	419.593	585444.700	4748586.396	365.4842	170.506
80.000	389.7388	421.595	585463.891	4748592.020	372.8940	166.548
*BASE 1: BR-65			585532.681	4748440.342	384.1904	90.052
*BASE 2: BR-66			585510.547	4748527.631		
80.000	372.8940	166.548	585463.891	4748592.020	360.0815	79.516
100.000	380.5545	165.825	585482.814	4748598.492	376.2507	76.095
*BASE 1: BR-66			585510.547	4748527.631	384.4065	65.039
*BASE 2: BR-67			585494.775	4748590.729		
100.000	376.2507	76.095	585482.814	4748598.492	336.6475	14.260
120.000	392.6079	78.696	585501.430	4748605.797	26.4752	16.473
140.000	6.7295	86.777	585519.703	4748613.923	52.2925	34.049
154.399	14.8944	95.235	585532.626	4748620.272	57.8084	48.015

Istram 22.03.03.08 13/07/22 12:45:25 2229 pagina 4
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 5 : ACCESO ESTE GLORIETA N-547

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-66			585510.547	4748527.631	384.4065	65.039
*BASE 2: BR-67			585494.775	4748590.729		
0.000	35.2749	149.045	585588.971	4748654.376	62.1709	113.683
20.000	38.3453	167.536	585605.467	4748665.684	62.1066	133.682
40.000	40.8009	186.340	585621.962	4748676.993	62.0591	153.682
60.000	42.8040	205.369	585638.458	4748688.302	62.0225	173.682
80.000	44.4659	224.567	585654.954	4748699.611	61.9935	193.682
100.000	45.8654	243.894	585671.450	4748710.919	61.9699	213.681
120.000	47.0588	263.322	585687.946	4748722.228	61.9503	233.681
127.149	47.4437	270.287	585693.842	4748726.271	61.9441	240.830

Istram 22.03.03.08 13/07/22 12:45:25 2229 pagina 5
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 6 : CONEXIÓN CON REPOSICIÓN DE CAMINO EN N-547

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
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*BASE 1: BR-60			585258.293	4747798.415	26.2818	225.824
*BASE 2: BR-61			585348.895	4748005.267		
	0.000	10.6375	971.342	585419.843	4748756.229	5.9968 754.306
*BASE 1: BR-61			585348.895	4748005.267	39.2532	100.753
*BASE 2: BR-62			585407.156	4748087.467		
	0.000	5.9968	754.306	585419.843	4748756.229	1.2076 668.882
*BASE 1: BR-62			585407.156	4748087.467	31.9133	143.493
*BASE 2: BR-63			585476.113	4748213.305		
	0.000	1.2076	668.882	585419.843	4748756.229	393.4254 545.832
*BASE 1: BR-63			585476.113	4748213.305	137.7948	66.882
*BASE 2: BR-64			585531.551	4748175.890		
	0.000	393.4254	545.832	585419.843	4748756.229	387.8939 590.992
	0.352	393.4491	545.545	585420.075	4748755.964	387.9131 590.688
	20.000	395.4494	537.384	585437.733	4748749.317	389.6758 581.051
	31.591	396.7122	541.405	585448.165	4748753.988	390.8801 584.081
*BASE 1: BR-64			585531.551	4748175.890	0.2720	264.454
*BASE 2: BR-65			585532.681	4748440.342		
	20.000	389.6758	581.051	585437.733	4748749.317	381.0198 323.235
*BASE 1: BR-65			585532.681	4748440.342	384.1904	90.052
*BASE 2: BR-66			585510.547	4748527.631		
	20.000	381.0198	323.235	585437.733	4748749.317	379.7966 233.338
*BASE 1: BR-66			585510.547	4748527.631	384.4065	65.039
*BASE 2: BR-67			585494.775	4748590.729		
	20.000	379.7966	233.338	585437.733	4748749.317	378.0189 168.535
	31.591	382.8802	234.795	585448.165	4748753.988	382.2956 169.782
	40.000	384.9094	238.512	585454.538	4748759.474	385.0980 173.476
	60.000	389.4770	248.274	585469.695	4748772.521	391.2724 183.514
	70.832	391.7979	254.063	585477.904	4748779.588	394.3282 189.611
	80.000	393.9081	257.344	585485.959	4748783.797	397.0951 193.269
	91.469	396.6971	256.122	585497.265	4748783.408	0.8227 192.695
	93.378	397.1402	255.432	585499.076	4748782.806	1.4254 192.125

Istram 22.03.03.08 13/07/22 12:45:25 2229 pagina 9
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 25 : Entrada Suroeste

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-65			585532.681	4748440.342	384.1904	90.052
*BASE 2: BR-66			585510.547	4748527.631		
	0.000	380.6178	162.329	585484.019	4748595.206	376.1850 72.595
*BASE 1: BR-66			585510.547	4748527.631	384.4065	65.039
*BASE 2: BR-67			585494.775	4748590.729		
	0.000	376.1850	72.595	585484.019	4748595.206	325.1091 11.650
	20.000	393.2992	75.294	585502.636	4748602.508	37.4653 14.162
	40.000	7.9111	83.639	585520.914	4748610.625	58.5813 32.849
	42.460	9.4656	84.985	585523.137	4748611.678	59.4982 35.260
	60.000	21.2418	90.671	585540.242	4748613.301	70.6646 50.762
	66.859	26.0468	90.520	585546.558	4748610.680	76.5883 55.493

Istram 22.03.03.08 13/07/22 12:45:26 2229 pagina 10

PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 26 : Salida suroeste

REPLANTEO POR BISECCION

PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-67			585494.775	4748590.729	184.4065	65.039
*BASE 2: BR-66			585510.547	4748527.631		
0.000	37.7052	61.173	585528.924	4748641.482	10.1882	115.325
20.000	43.0777	41.846	585520.979	4748623.355	6.9104	96.291
39.945	30.2952	23.117	585505.365	4748611.278	396.0615	83.807
40.000	30.1990	23.075	585505.315	4748611.256	396.0221	83.788
60.000	364.9149	15.245	585486.792	4748603.717	380.7345	79.708
*BASE 1: BR-66			585510.547	4748527.631	184.1904	90.052
*BASE 2: BR-65			585532.681	4748440.342		
60.000	380.7345	79.708	585486.792	4748603.717	382.5678	169.697
65.536	376.3101	79.594	585481.607	4748601.777	380.4934	169.322

Istram 22.03.03.08 13/07/22 12:45:26 2229 pagina 11
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 27 : Entrada Noreste

REPLANTEO POR BISECCION

PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-64			585531.551	4748175.890	0.2720	264.454
*BASE 2: BR-65			585532.681	4748440.342		
0.000	12.7884	525.873	585636.479	4748691.189	24.9771	271.474
20.000	11.0579	511.689	585619.983	4748679.880	22.2499	254.951
40.000	9.2301	497.905	585603.488	4748668.571	19.1513	238.960
46.240	8.6391	493.692	585598.341	4748665.043	18.0988	234.098
60.000	7.0512	487.794	585585.468	4748660.695	14.9687	226.587
*BASE 1: BR-65			585532.681	4748440.342	215.5453	233.978
*BASE 2: BR-63			585476.113	4748213.305		
60.000	14.9687	226.587	585585.468	4748660.695	15.2617	460.561
*BASE 1: BR-63			585476.113	4748213.305	231.9133	143.493
*BASE 2: BR-62			585407.156	4748087.467		
60.000	15.2617	460.561	585585.468	4748660.695	19.1991	600.321
*BASE 1: BR-62			585407.156	4748087.467	239.2532	100.753
*BASE 2: BR-61			585348.895	4748005.267		
60.000	19.1991	600.321	585585.468	4748660.695	22.0520	696.816
*BASE 1: BR-61			585348.895	4748005.267	226.2818	225.824
*BASE 2: BR-60			585258.293	4747798.415		
60.000	22.0520	696.816	585585.468	4748660.695	23.0870	922.263
*BASE 1: BR-60			585258.293	4747798.415	18.4653	826.853
*BASE 2: BR-67			585494.775	4748590.729		
60.000	23.0870	922.263	585585.468	4748660.695	58.1684	114.545
72.013	22.2762	920.291	585573.784	4748662.938	52.8606	107.035

Istram 22.03.03.08 13/07/22 12:45:26 2229 pagina 12
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 28 : Salida noreste

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-66			585510.547	4748527.631	384.4065	65.039
*BASE 2: BR-67			585494.775	4748590.729		
0.000	42.3403	135.962	585594.452	4748634.615	73.5967	108.910
20.000	39.3967	154.584	585600.220	4748653.548	65.7952	122.739
36.964	40.2635	171.275	585611.793	4748665.778	63.6957	139.016
40.000	40.6309	174.143	585614.297	4748667.494	63.6540	142.051
60.000	42.7772	193.163	585630.793	4748678.803	63.4179	162.043
71.693	43.8464	204.371	585640.437	4748685.415	63.3051	173.732

Istram 22.03.03.08 13/07/22 12:45:26 2229 pagina 13
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 29 : Entrada Sur

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-65			585532.681	4748440.342	384.1904	90.052
*BASE 2: BR-66			585510.547	4748527.631		
0.000	36.6994	146.543	585612.557	4748563.202	78.6403	108.034
5.892	34.4299	149.177	585609.484	4748568.229	75.2106	106.942
20.000	29.2750	155.998	585601.915	4748580.135	66.7963	105.379
*BASE 1: BR-66			585510.547	4748527.631	384.4065	65.039
*BASE 2: BR-67			585494.775	4748590.729		
20.000	66.7963	105.379	585601.915	4748580.135	106.2748	107.663
40.000	54.7678	106.378	585591.185	4748597.013	95.8566	96.615
42.846	53.0892	106.825	585589.658	4748599.414	94.1887	95.280
60.000	45.0296	116.018	585585.936	4748615.817	82.9032	94.550
68.045	43.3190	123.355	585588.155	4748623.513	78.5052	98.968

Istram 22.03.03.08 13/07/22 12:45:26 2229 pagina 14
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 30 : Salida sur

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
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*BASE 1: BR-67			585494.775	4748590.729	184.2810	155.091
*BASE 2: BR-65			585532.681	4748440.342		
	0.000	87.3649	64.048	585557.566	4748603.357	9.6437 164.904
	0.000	87.3649	64.048	585557.566	4748603.357	9.6437 164.904
	20.000	95.7066	81.435	585576.025	4748596.217	17.2662 161.789
	26.607	99.0940	86.299	585581.065	4748591.957	19.6658 159.148
	40.000	105.7345	95.757	585590.143	4748582.115	24.5148 152.976
	60.000	114.3582	110.120	585602.106	4748566.103	32.1115 143.651
	67.800	117.4058	115.743	585606.219	4748559.477	35.2062 140.003

CAMINOS LATERALES

Istram 22.03.03.08 13/07/22 12:45:25 2229 pagina 6
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 16 : CAMINO PARALELO M.D.

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-56			585137.820	4747057.171	398.2921	260.285
*BASE 2: BR-57			585130.838	4747317.362		
0.000	84.6585	111.343	585245.946	4747083.744	170.8552	260.437
20.000	73.5003	113.848	585241.946	4747103.204	169.5323	241.265
37.527	63.7114	112.365	585232.419	4747117.809	170.0243	223.920
40.000	62.3270	111.956	585230.739	4747119.623	170.2182	221.542
60.000	50.9345	111.762	585218.000	4747135.030	171.6115	202.094
80.000	40.1813	117.003	585206.862	4747151.632	172.6200	182.335
100.000	31.1187	126.960	585197.438	4747169.263	173.0963	162.385
120.000	24.1271	140.549	585189.821	4747187.747	172.8130	142.404
140.000	19.0794	156.713	585184.087	4747206.899	171.4041	122.628
160.000	15.6434	174.601	585180.294	4747226.527	168.2596	103.425
180.000	13.4714	193.583	585178.479	4747246.436	162.3452	85.441
195.478	12.4700	208.731	585178.445	4747261.910	154.8367	73.084
200.000	12.2560	213.197	585178.611	4747266.429	152.0373	69.831
220.000	11.4146	232.979	585179.370	4747286.415	136.1382	57.559
240.000	10.7150	252.800	585180.168	4747306.399	113.9218	50.534
*BASE 1: BR-57			585130.838	4747317.362	3.6727	214.313
*BASE 2: BR-58			585143.195	4747531.318		
240.000	113.9218	50.534	585180.168	4747306.399	189.6277	227.938
260.000	88.6758	50.973	585181.007	4747326.381	188.3846	208.396
280.000	67.1102	58.710	585181.886	4747346.362	186.8720	188.959
300.000	51.8834	71.410	585182.804	4747366.341	184.9994	169.665
310.008	46.2702	78.919	585183.279	4747376.338	183.8876	160.080
320.000	41.6712	86.922	585183.758	4747386.318	182.6349	150.567
340.000	34.6763	103.981	585184.716	4747406.295	179.5868	131.737
353.210	31.2127	115.765	585185.349	4747419.490	177.0508	119.510
360.000	29.6221	121.872	585185.521	4747426.277	175.6144	113.248
368.758	27.5915	129.657	585185.289	4747435.031	173.7626	105.086
379.950	25.7219	140.101	585185.917	4747446.182	170.3912	95.253
380.000	25.7167	140.149	585185.925	4747446.231	170.3716	95.213
392.248	24.2125	151.894	585187.225	4747458.403	165.4159	85.178
400.000	23.1982	159.240	585187.589	4747466.146	161.9313	78.856
420.000	21.0126	178.384	585188.653	4747486.117	149.8192	64.106
440.000	19.3090	197.743	585189.899	4747506.079	131.5416	53.088
443.797	19.0289	201.436	585190.156	4747509.866	127.2787	51.628
460.000	17.8699	217.185	585191.004	4747526.047	106.9907	48.099
*BASE 1: BR-58			585143.195	4747531.318	7.2510	117.112
*BASE 2: BR-59			585156.505	4747647.671		
460.000	106.9907	48.099	585191.004	4747526.047	182.4041	126.422
480.000	81.1001	50.335	585191.328	4747546.043	178.9841	107.429
494.639	64.9712	56.151	585191.058	4747560.679	175.9300	93.604
500.000	59.9537	59.010	585190.910	4747566.038	174.6075	88.587

520.000	45.6228	72.569	585190.863	4747586.036	167.6255	70.564
540.000	36.6112	89.023	585191.615	4747606.021	155.4108	54.474
544.745	35.0210	93.186	585191.911	4747610.756	151.3277	51.149
560.000	30.7999	106.932	585192.934	4747625.977	134.1931	42.399
*BASE 1: BR-59			585156.505	4747647.671	37.8097	181.892
*BASE 2: BR-60			585258.293	4747798.415		
560.000	134.1931	42.399	585192.934	4747625.977	223.0646	184.409
580.000	102.9285	37.811	585194.276	4747645.932	225.3047	165.376
600.000	72.2519	43.146	585195.618	4747665.887	228.1229	146.601
620.000	51.8479	55.620	585196.959	4747685.842	231.7591	128.197
630.871	44.4844	64.022	585197.688	4747696.689	234.2055	118.411
640.000	41.0130	72.308	585199.932	4747705.486	235.6994	109.736
646.946	40.6070	79.215	585203.675	4747711.310	235.6546	102.812

Istram 22.03.03.08 13/07/22 12:45:25 2229 pagina 7
 PROYECTO : RAMAL DE CONEXION DEL ENLACE DE REMONDE CON LA CARRETERA N-547
 EJE : 17 : CAMINO PARALELO M.I.

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-56			585137.820	4747057.171	398.2921	260.285
*BASE 2: BR-57			585130.838	4747317.362		
0.000	342.4179	55.646	585094.076	4747091.565	210.2746	228.770
15.920	360.4723	51.485	585107.868	4747099.047	206.6738	219.520
20.000	365.2919	50.124	585111.826	4747100.029	205.5548	218.163
40.000	389.8147	52.774	585129.413	4747109.271	200.4360	208.096
60.000	3.9506	67.591	585142.012	4747124.632	196.3133	193.054
80.000	7.1910	87.070	585147.634	4747143.686	193.8623	174.486
87.020	6.7348	94.055	585147.752	4747150.700	193.5614	167.518
100.000	5.6008	106.911	585147.214	4747163.668	193.2425	154.564
109.274	5.0487	116.134	585147.020	4747172.940	192.8964	145.326
120.000	4.5563	126.819	585146.889	4747183.665	192.3936	134.657
140.000	3.8298	146.758	585146.643	4747203.664	191.2065	114.791
160.000	3.2772	166.712	585146.398	4747223.662	189.5236	94.983
179.255	2.8572	185.932	585146.162	4747242.916	187.0763	76.007
180.000	2.8429	186.676	585146.153	4747243.661	186.9564	75.276
200.000	2.6247	206.663	585146.338	4747263.659	182.1119	55.895
215.501	2.6402	222.163	585147.031	4747279.143	174.4867	41.508
220.000	2.6639	226.662	585147.302	4747283.634	171.0901	37.531
225.201	2.6902	231.862	585147.615	4747288.826	166.1644	33.103
240.000	2.7494	246.659	585148.469	4747303.600	142.1924	22.366
*BASE 1: BR-57			585130.838	4747317.362	3.6727	214.313
*BASE 2: BR-58			585143.195	4747531.318		
240.000	142.1924	22.366	585148.469	4747303.600	198.5258	227.779
260.000	79.5539	19.676	585149.508	4747323.573	198.0660	207.841
280.000	40.8615	32.698	585150.414	4747343.553	197.5537	187.904
292.386	30.5463	43.477	585150.908	4747355.929	197.2023	175.558
300.000	26.4350	50.464	585151.196	4747363.537	196.9666	167.971
320.000	19.6661	69.448	585151.952	4747383.523	196.2323	148.054
340.000	15.8278	88.880	585152.709	4747403.509	195.2700	128.163
360.000	13.3723	108.518	585153.465	4747423.494	193.9546	108.312

380.000	11.6710	128.268	585154.221	4747443.480	192.0500	88.527
400.000	10.4243	148.085	585154.978	4747463.466	189.0539	68.868
420.000	9.4722	167.945	585155.734	4747483.451	183.6892	49.482
440.000	8.7216	187.835	585156.491	4747503.437	171.6715	30.889
460.000	8.1149	207.746	585157.247	4747523.423	132.5877	16.118
474.819	7.7353	222.510	585157.808	4747538.232	71.8668	16.166
*BASE 1: BR-58			585143.195	4747531.318	7.2510	117.112
*BASE 2: BR-59			585156.505	4747647.671		
460.000	132.5877	16.118	585157.247	4747523.423	199.6196	124.250
474.819	71.8668	16.166	585157.808	4747538.232	199.2422	109.447
480.000	56.5603	19.168	585158.071	4747543.405	199.0440	104.277
493.626	35.8775	30.337	585159.401	4747556.964	197.9681	90.754
500.000	31.0195	36.188	585160.138	4747563.295	197.2604	84.455
515.105	23.1234	50.333	585161.078	4747578.367	195.8058	69.455
520.000	21.2459	54.975	585161.203	4747583.260	195.3646	64.582
540.000	16.1473	74.309	585161.841	4747603.250	192.3885	44.740
560.000	13.2986	93.957	585162.680	4747623.232	184.2451	25.207
580.000	11.5486	113.754	585163.717	4747643.205	135.2940	8.483
*BASE 1: BR-59			585156.505	4747647.671	37.8097	181.892
*BASE 2: BR-60			585258.293	4747798.415		
580.000	135.2940	8.483	585163.717	4747643.205	234.8396	181.754
600.000	31.7822	17.650	585164.955	4747663.167	238.4561	164.329
620.000	17.3182	36.797	585166.392	4747683.115	242.8410	147.444
637.446	13.4183	54.028	585167.808	4747700.503	247.4914	133.320
640.000	13.0652	56.564	585168.032	4747703.048	248.2492	131.309
660.000	11.4037	76.489	585170.133	4747722.936	254.9235	116.057
680.000	10.8414	96.474	585172.855	4747742.749	263.2383	101.972
700.000	10.8136	116.473	585176.194	4747762.468	273.7263	89.624
720.000	11.0855	136.465	585180.148	4747782.072	286.8753	79.836
735.393	11.4243	151.838	585183.607	4747797.071	298.8546	74.698
740.000	11.5405	156.437	585184.708	4747801.544	302.7058	73.651
*BASE 1: BR-60			585258.293	4747798.415	26.2818	225.824
*BASE 2: BR-61			585348.895	4748005.267		
740.000	302.7058	73.651	585184.708	4747801.544	243.1849	261.649
760.000	320.1796	72.107	585189.778	4747820.891	245.3269	243.542
780.000	337.2281	75.531	585195.312	4747840.109	247.6891	225.532
800.000	352.0476	83.311	585201.308	4747859.189	250.3271	207.655
820.000	364.0285	94.372	585207.762	4747878.119	253.3156	189.961
840.000	373.4517	107.702	585214.670	4747896.887	256.7567	172.519
860.000	380.8757	122.557	585222.028	4747915.484	260.7925	155.423
880.000	386.8180	138.440	585229.832	4747933.898	265.6230	138.815
900.000	391.6746	155.027	585238.077	4747952.119	271.5307	122.904
920.000	395.7304	172.107	585246.759	4747970.135	278.9093	108.009
940.000	399.1870	189.538	585255.873	4747987.938	288.2748	94.623
960.000	2.1877	207.223	585265.413	4748005.515	300.1894	83.483
980.000	4.8354	225.092	585275.373	4748022.858	314.9508	75.597
991.731	6.2553	235.639	585281.409	4748032.917	324.7553	72.931
*BASE 1: BR-61			585348.895	4748005.267	39.2532	100.753
*BASE 2: BR-62			585407.156	4748087.467		
980.000	314.9508	75.597	585275.373	4748022.858	270.9808	146.769
991.731	324.7553	72.931	585281.409	4748032.917	273.9427	137.069
1000.000	331.9046	73.448	585284.479	4748040.555	276.7476	131.341
1008.307	338.0357	77.407	585284.897	4748048.812	280.5051	128.224

EJE : 18 : CONEXION CAMINO SERVICIO MD

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REPLANTEO POR BISECCION

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PK	AZ1	d1	X	Y	AZ2	d2
*BASE 1: BR-56			585137.820	4747057.171	398.2921	260.285
*BASE 2: BR-57			585130.838	4747317.362		
0.000	89.6820	69.941	585206.844	4747068.457	181.1326	260.251
*BASE 1: BR-57			585130.838	4747317.362	3.6727	214.313
*BASE 2: BR-58			585143.195	4747531.318		
0.000	181.1326	260.251	585206.844	4747068.457	191.3003	467.217
1.055	180.9183	259.662	585207.508	4747069.277	191.1953	466.496
20.000	176.4574	254.705	585222.897	4747079.876	188.8751	458.424
20.926	176.2266	254.769	585223.781	4747080.151	188.7475	458.307
*BASE 1: BR-58			585143.195	4747531.318	7.2510	117.112
*BASE 2: BR-59			585156.505	4747647.671		
20.000	188.8751	458.424	585222.897	4747079.876	192.5897	571.664
20.926	188.7475	458.307	585223.781	4747080.151	192.4883	571.493
40.000	186.1395	460.669	585242.701	4747081.524	190.3813	572.671
45.926	185.3605	462.463	585248.607	4747081.029	189.7421	574.079
60.000	183.5200	466.650	585262.651	4747080.216	188.2277	577.297
70.927	182.0552	468.445	585273.497	4747081.360	187.0308	578.269
80.000	180.8254	468.051	585282.047	4747084.338	186.0407	577.153
87.078	179.8873	466.450	585288.121	4747087.954	185.2972	574.983
100.000	178.1937	462.677	585298.596	4747095.520	183.9651	570.141
115.336	176.1492	458.631	585311.029	4747104.499	182.3553	564.724