

	619.48320	0+619.48320	198049.12621	220311.64725	158° 55' 18.89"
	620.00000	0+620.00000	198048.64375	220311.83249	159° 4' 11.87"
	621.65160	0+621.65160	198047.09871	220312.41611	159° 32' 35.21"
	621.87620	0+621.87620	198046.88823	220312.49449	159° 36' 26.84"
	625.09080	0+625.09080	198043.86623	220313.59035	160° 31' 42.14"
	626.52670	0+626.52670	198042.51074	220314.06413	160° 56' 23.02"
	630.86880	0+630.86880	198038.39163	220315.43744	162° 11' 1.13"
	631.37220	0+631.37220	198037.91218	220315.59086	162° 19' 40.30"
	635.21930	0+635.21930	198034.23562	220316.72340	163° 25' 47.90"
	639.35190	0+639.35190	198030.26274	220317.86096	164° 36' 49.95"
	640.00000	0+640.00000	198029.63759	220318.03190	164° 47' 58.35"
	641.06970	0+641.06970	198028.60457	220318.30961	165° 6' 21.56"
	646.07920	0+646.07920	198023.74776	220319.53645	166° 32' 27.98"
	650.65240	0+650.65240	198019.28837	220320.54991	167° 51' 4.43"
	652.07360	0+652.07360	198017.89795	220320.84407	168° 15' 30.15"
	655.25350	0+655.25350	198014.77957	220321.46639	169° 10' 9.66"
	658.05040	0+658.05040	198012.02891	220321.97273	169° 58' 14.17"
	660.00000	0+660.00000	198010.10748	220322.30289	170° 31' 44.84"
	660.38050	0+660.38050	198009.73211	220322.36515	170° 38' 17.25"
	660.64510	0+660.64510	198009.47100	220322.40802	170° 42' 50.14"
	662.10640	0+662.10640	198008.02800	220322.63855	171° 7' 57.22"
	664.80370	0+664.80370	198005.36022	220323.03635	171° 54' 19.01"
	669.11420	0+669.11420	198001.08646	220323.59728	173° 8' 24.53"
	669.55470	0+669.55470	198000.64905	220323.64941	173° 15' 58.83"
	670.98430	0+670.98430	197999.22873	220323.81196	173° 40' 33.21"
	679.78860	0+679.78860	197990.45949	220324.58888	176° 11' 53.29"
	680.00000	0+680.00000	197990.24854	220324.60279	176° 15' 31.32"
	680.29220	0+680.29220	197989.95695	220324.62164	176° 20' 32.67"
	681.38750	0+681.38750	197988.86370	220324.68852	176° 39' 22.28"
	682.31250	0+682.31250	197987.94015	220324.74034	176° 55' 16.25"
	682.68910	0+682.68910	197987.56408	220324.76021	177° 1' 44.65"
	683.99000	0+683.99000	197986.26471	220324.82341	177° 24' 6.30"
	688.11720	0+688.11720	197982.14012	220324.96796	178° 35' 2.78"
	691.65830	0+691.65830	197978.59951	220325.02411	179° 35' 54.80"
	696.01700	0+696.01700	197974.24093	220325.00716	180° 50' 50.03"
	698.80070	0+698.80070	197971.45791	220324.94663	181° 38' 40.93"
	700.00000	0+700.00000	197970.25922	220324.90861	181° 59' 17.80"
	700.18300	0+700.18300	197970.07633	220324.90218	182° 2' 26.53"
	703.25660	0+703.25660	197967.00564	220324.76913	182° 55' 16.41"
	706.39110	0+706.39110	197963.87659	220324.58486	183° 49' 9.09"
	709.13780	0+709.13780	197961.13734	220324.38310	184° 36' 21.83"
	713.02240	0+713.02240	197957.26855	220324.03356	185° 43' 8.11"
	714.50460	0+714.50460	197955.79429	220323.88040	186° 8' 36.74"
	718.16340	0+718.16340	197952.16029	220323.45559	187° 11' 30.15"
EC	719.26633	0+719.26633	197951.06642	220323.31449	187° 30' 27.62"

IP7 (우향)

구분	크로소이드		교각(IA)	20° 0' 19.00"	
IP좌표	X	197904.36841	방위각	1	187° 30' 27.62"
	Y	220317.16022		2	207° 30' 46.63"

R 1	200.00000	A	167.13060	R 2	0.00000
L 1	139.66319	원중심 좌표 1		L 2	0.00000
X 1	137.97012	X	197977.19822	X 2	0.00000
Y 1	16.11384	Y 2	220125.02902	Y 2	0.00000
T 1	0.34916	원중심 좌표 2		T 2	0.00000
TL1	93.71039	X	0.00000	TL2	0.00000
TK1	47.10179	Y 2	0.00000	TK2	0.00000

구분	누가거리	X 좌표	Y 좌표
K E	719.26633	197951.06642	220323.31449
K A	858.92952	197821.25606	220273.87079

구분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KE	719.26633	0+719.26633	197951.06642	220323.31449	187° 30' 27.62"
	720.00000	0+720.00000	197950.33922	220323.21730	187° 43' 2.29"
	720.55560	0+720.55560	197949.78876	220323.14193	187° 52' 31.14"
	721.98730	0+721.98730	197948.37126	220322.94076	188° 16' 46.49"
	722.09160	0+722.09160	197948.26805	220322.92571	188° 18' 31.92"
	724.43750	0+724.43750	197945.94877	220322.57345	188° 57' 42.04"
	727.69270	0+727.69270	197942.73737	220322.04140	189° 50' 55.78"
	734.15160	0+734.15160	197936.39109	220320.84181	191° 32' 41.08"
	734.91840	0+734.91840	197935.64007	220320.68706	191° 44' 25.44"
	736.90550	0+736.90550	197933.69634	220320.27420	192° 14' 30.54"
	739.62520	0+739.62520	197931.04194	220319.68186	192° 54' 53.87"
	740.00000	0+740.00000	197930.67669	220319.59780	193° 0' 23.54"
	740.02310	0+740.02310	197930.65418	220319.59260	193° 0' 43.83"
	740.03850	0+740.03850	197930.63918	220319.58913	193° 0' 57.35"
	741.93450	0+741.93450	197928.79362	220319.15470	193° 28' 28.64"
	747.66300	0+747.66300	197923.23908	220317.75426	194° 48' 56.52"
	751.66910	0+751.66910	197919.37440	220316.69937	195° 42' 48.81"
	754.29790	0+754.29790	197916.84745	220315.97476	196° 17' 5.44"
	754.72430	0+754.72430	197916.43826	220315.85487	196° 22' 34.22"
	758.63110	0+758.63110	197912.69800	220314.72644	197° 11' 44.11"
	760.00000	0+760.00000	197911.39129	220314.31855	197° 28' 31.05"
	760.38400	0+760.38400	197911.02509	220314.20299	197° 33' 11.03"
	763.19100	0+763.19100	197908.35298	220313.34332	198° 6' 44.58"
	764.00000	0+764.00000	197907.58442	220313.09075	198° 16' 14.10"
	765.50000	0+765.50000	197906.16124	220312.61688	198° 33' 37.29"

제6장 선형계산부

	767.30000	0+767.30000	197904.45658	220312.03884	198° 54' 7.18"
	768.10000	0+768.10000	197903.70006	220311.77869	199° 3' 6.11"
	768.60000	0+768.60000	197903.22758	220311.61509	199° 8' 40.55"
	768.70000	0+768.70000	197903.13312	220311.58228	199° 9' 47.22"
	770.69220	0+770.69220	197901.25341	220310.92232	199° 31' 39.94"
	773.15590	0+773.15590	197898.93462	220310.08985	199° 58' 2.82"
	774.65760	0+774.65760	197897.52438	220309.57381	200° 13' 45.64"
	774.89520	0+774.89520	197897.30146	220309.49157	200° 16' 13.29"
	774.98380	0+774.98380	197897.21835	220309.46086	200° 17' 8.24"
	780.00000	0+780.00000	197892.52630	220307.68705	201° 7' 24.81"
	786.15280	0+786.15280	197886.80598	220305.42121	202° 4' 51.16"
	786.50570	0+786.50570	197886.47902	220305.28840	202° 8' 0.35"
	787.07050	0+787.07050	197885.95600	220305.07522	202° 13' 1.23"
	790.61840	0+790.61840	197882.67756	220303.71898	202° 43' 37.39"
	795.08330	0+795.08330	197878.56863	220301.97204	203° 19' 56.04"
	800.00000	0+800.00000	197874.06475	220300.00005	203° 57' 4.83"
	801.06130	0+801.06130	197873.09532	220299.56812	204° 4' 42.50"
	801.34340	0+801.34340	197872.83780	220299.45295	204° 6' 42.75"
	802.01430	0+802.01430	197872.22562	220299.17846	204° 11' 26.38"
	804.44950	0+804.44950	197870.00671	220298.17515	204° 28' 7.96"
	809.26340	0+809.26340	197865.63431	220296.16130	204° 58' 59.03"
	815.11210	0+815.11210	197860.34529	220293.66465	205° 32' 37.76"
	819.39850	0+819.39850	197856.48390	220291.80379	205° 54' 36.85"
	820.00000	0+820.00000	197855.94297	220291.54073	205° 57' 31.10"
	820.16460	0+820.16460	197855.79499	220291.46866	205° 58' 18.31"
	820.27020	0+820.27020	197855.70005	220291.42241	205° 58' 48.50"
	825.00330	0+825.00330	197851.45179	220289.33567	206° 19' 56.97"
	830.25700	0+830.25700	197846.75032	220286.99101	206° 40' 11.23"
	835.11700	0+835.11700	197842.41254	220284.79939	206° 55' 53.03"
	839.48040	0+839.48040	197838.52581	220282.81632	207° 7' 29.99"
	840.00000	0+840.00000	197838.06340	220282.57933	207° 8' 43.62"
	840.57210	0+840.57210	197837.55437	220282.31821	207° 10' 2.38"
	840.59400	0+840.59400	197837.53488	220282.30821	207° 10' 5.35"
	846.09530	0+846.09530	197832.64463	220279.78835	207° 20' 38.46"
	849.99270	0+849.99270	197829.18415	220277.99537	207° 25' 51.74"
	855.11730	0+855.11730	197824.63730	220275.63155	207° 29' 52.97"
KA	858.92951	0+858.92951	197821.25607	220273.87079	207° 30' 46.63"

EP

EP 좌표	X	197821.25607	방위각	207° 30' 46.63"
	Y	220273.87079		

다. RAMP-C

BP

BP 좌표	X	197425.09478	방위각	27 ° 30' 46.45"
	Y	220108.70414		

IP1 (좌향)

구 분	원 곡 선		교각(IA)	0 ° 0' 0.00"	
IP좌표	X	197488.55236	방위각	1	27 ° 30' 46.45"
	Y	220141.75623		2	27 ° 30' 46.45"

원 중심 좌표	X	0.00000	R	0.00000	C L	0.00000
	Y	0.00000	T L	0.00000	S L	0.00000

구분	누가거리	X 좌표	Y 좌표
B C	-80.00000	197425.09478	220108.70414
E C	63.09863	197552.00993	220174.80832

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BP	-80.00000	0- 80.00000	197425.09478	220108.70414	27 ° 30' 46.45"
	-60.00000	0- 60.00000	197442.83292	220117.94311	27 ° 30' 46.45"
	-40.00000	0- 40.00000	197460.57105	220127.18207	27 ° 30' 46.45"
	-20.00000	0- 20.00000	197478.30919	220136.42104	27 ° 30' 46.45"
	0.00000	0+ 0.00000	197496.04733	220145.66001	27 ° 30' 46.45"
	20.00000	0+ 20.00000	197513.78546	220154.89897	27 ° 30' 46.45"
	40.00000	0+ 40.00000	197531.52360	220164.13794	27 ° 30' 46.45"
	60.00000	0+ 60.00000	197549.26174	220173.37691	27 ° 30' 46.45"
EC	63.09863	0+ 63.09863	197552.00993	220174.80832	27 ° 30' 46.45"

IP2 (우향)

구 분	원 곡 선		교각(IA)	7 ° 29' 41.75"	
IP좌표	X	197592.67401	방위각	1	27 ° 30' 46.45"
	Y	220195.98834		2	35 ° 0' 28.20"

원 중심 좌표	X	197228.64609	R	700.00000	C L	91.56786
	Y	220795.64310	T L	45.84933	S L	1.49994

구분	누가거리	X 좌표	Y 좌표
B C	63.09863	197552.00993	220174.80832
E C	154.66649	197630.22799	220222.29157

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
EC	63.09863	0+ 63.09863	197552.00993	220174.80832	27 ° 30' 46.45"
	80.00000	0+ 80.00000	197566.90416	220182.79607	28 ° 53' 46.67"
	100.00000	0+100.00000	197584.27364	220192.70940	30 ° 31' 59.95"
	120.00000	0+120.00000	197601.35283	220203.11488	32 ° 10' 13.23"
	121.70000	0+121.70000	197602.79073	220204.02177	32 ° 18' 34.16"
	121.80000	0+121.80000	197602.87524	220204.07523	32 ° 19' 3.63"
	122.30000	0+122.30000	197603.29769	220204.34269	32 ° 21' 30.96"
	122.30000	0+122.30000	197603.29769	220204.34269	32 ° 21' 30.96"
	140.00000	0+140.00000	197618.12779	220214.00403	33 ° 48' 26.51"
	144.60000	0+144.60000	197621.94155	220216.57602	34 ° 11' 1.97"
	144.60000	0+144.60000	197621.94155	220216.57602	34 ° 11' 1.97"
	145.10000	0+145.10000	197622.35507	220216.85709	34 ° 13' 29.30"
	145.10000	0+145.10000	197622.35507	220216.85709	34 ° 13' 29.30"
EC	154.66649	0+154.66649	197630.22799	220222.29157	35 ° 0' 28.20"

IP3 (좌향)

구 분	원 곡 선		교각(IA)	0 ° 0' 0.00"	
IP좌표	X	197719.86147	방위각	1	35 ° 0' 28.20"
	Y	220285.07187		2	35 ° 0' 28.20"

원 중심 좌표	X	0.00000	R	0.00000	C L	0.00000
	Y	0.00000	T L	0.00000	S L	0.00000

구분	누가거리	X 좌표	Y 좌표
B C	154.66649	197630.22799	220222.29157
E C	373.53200	197809.49495	220347.85218

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
EC	154.66649	0+154.66649	197630.22799	220222.29157	35° 0' 28.20"
	160.00000	0+160.00000	197634.59653	220225.35134	35° 0' 28.20"
	180.00000	0+180.00000	197650.97800	220236.82511	35° 0' 28.20"
	200.00000	0+200.00000	197667.35947	220248.29888	35° 0' 28.20"
	220.00000	0+220.00000	197683.74094	220259.77265	35° 0' 28.20"
	240.00000	0+240.00000	197700.12242	220271.24641	35° 0' 28.20"
	260.00000	0+260.00000	197716.50389	220282.72018	35° 0' 28.20"
	270.60000	0+270.60000	197725.18607	220288.80128	35° 0' 28.20"
	270.80000	0+270.80000	197725.34988	220288.91602	35° 0' 28.20"
	271.40000	0+271.40000	197725.84133	220289.26023	35° 0' 28.20"
	271.60000	0+271.60000	197726.00514	220289.37497	35° 0' 28.20"
	272.50000	0+272.50000	197726.74231	220289.89129	35° 0' 28.20"
	280.00000	0+280.00000	197732.88536	220294.19395	35° 0' 28.20"

부산외곽순환 고속도로 건설공사 실시설계

	298.45070	0+298.45070	197747.99784	220304.77890	35° 0' 28.20"
	300.00000	0+300.00000	197749.26683	220305.66772	35° 0' 28.20"
	318.55740	0+318.55740	197764.46671	220316.31389	35° 0' 28.20"
	320.00000	0+320.00000	197765.64830	220317.14149	35° 0' 28.20"
	338.69610	0+338.69610	197780.96179	220327.86722	35° 0' 28.20"
	340.00000	0+340.00000	197782.02978	220328.61526	35° 0' 28.20"
	349.58280	0+349.58280	197789.87880	220334.11280	35° 0' 28.20"
	353.44580	0+353.44580	197793.04288	220336.32896	35° 0' 28.20"
	358.69630	0+358.69630	197797.34342	220339.34111	35° 0' 28.20"
	358.89690	0+358.89690	197797.50773	220339.45619	35° 0' 28.20"
	360.00000	0+360.00000	197798.41125	220340.08903	35° 0' 28.20"
	362.73470	0+362.73470	197800.65117	220341.65789	35° 0' 28.20"
	368.50370	0+368.50370	197805.37641	220344.96750	35° 0' 28.20"
	369.13150	0+369.13150	197805.89062	220345.32766	35° 0' 28.20"
	369.68150	0+369.68150	197806.34111	220345.64319	35° 0' 28.20"
EC	373.53200	0+373.53200	197809.49495	220347.85218	35° 0' 28.20"

IP4 (좌향)

구분	크로소이드		교각(IA)	6° 41' 2.41"	
IP좌표	X	197837.54336	방위각	1	35° 0' 28.20"
	Y	220367.49760		2	28° 19' 25.79"

R 1	0.00000	A	106.26608	R 2	220.00000
L 1	0.00000	원중심 좌표 1		L 2	51.32945
X 1	0.00000	X	0.00000	X 2	51.25964
Y 1	0.00000	Y 2	0.00000	Y 2	1.99406
T 1	0.00000	원중심 좌표 2		T 2	0.11666
TL1	0.00000	X	197957.00431	TL2	34.24406
TK1	0.00000	Y 2	220181.96434	TK2	17.13202

구분	누가거리	X 좌표	Y 좌표
K A	373.53200	197809.49495	220347.85218
K E	424.86145	197852.62434	220375.62596

구분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KA	373.53200	0+373.53200	197809.49495	220347.85218	35° 0' 28.20"
	374.32950	0+374.32950	197810.14817	220348.30969	35° 0' 22.39"
	379.10420	0+379.10420	197814.06046	220351.04679	34° 55' 44.63"
	379.56970	0+379.56970	197814.44214	220351.31327	34° 54' 55.27"
	380.00000	0+380.00000	197814.79501	220351.55952	34° 54' 6.13"
	385.30970	0+385.30970	197819.15555	220354.58913	34° 39' 21.35"
	389.90000	0+389.90000	197822.93849	220357.18917	34° 19' 41.41"

	390.10000	0+390.10000	197823.10367	220357.30193	34° 18' 41.25"
	390.54800	0+390.54800	197823.47380	220357.55434	34° 16' 23.84"
	390.60000	0+390.60000	197823.51677	220357.58362	34° 16' 7.65"
	390.80000	0+390.80000	197823.68207	220357.69621	34° 15' 4.94"
	390.84890	0+390.84890	197823.72249	220357.72373	34° 14' 49.49"
	391.51970	0+391.51970	197824.27718	220358.10094	34° 11' 13.20"
	396.32900	0+396.32900	197828.26670	220360.78664	33° 41' 21.84"
	399.19730	0+399.19730	197830.65807	220362.37045	33° 20' 12.33"
	400.00000	0+400.00000	197831.32910	220362.81096	33° 13' 50.15"
	401.99790	0+401.99790	197833.00291	220363.90182	32° 57' 7.79"
	402.20430	0+402.20430	197833.17613	220364.01404	32° 55' 20.09"
	402.71930	0+402.71930	197833.60861	220364.29366	32° 50' 47.95"
	402.92490	0+402.92490	197833.78137	220364.40513	32° 48' 57.95"
	402.97520	0+402.97520	197833.82364	220364.43239	32° 48' 30.92"
	408.51760	0+408.51760	197838.50482	220367.39956	31° 54' 9.68"
	411.34600	0+411.34600	197840.91268	220368.88348	31° 22' 49.17"
	412.12810	0+412.12810	197841.58092	220369.28985	31° 13' 43.39"
	413.69800	0+413.69800	197842.92555	220370.10012	30° 54' 54.12"
	417.00000	0+417.00000	197845.76860	220371.77945	30° 12' 52.00"
	417.20000	0+417.20000	197845.94147	220371.88003	30° 10' 12.84"
	417.80000	0+417.80000	197846.46054	220372.18097	30° 2' 10.98"
	418.00000	0+418.00000	197846.63372	220372.28101	29° 59' 28.90"
	418.66980	0+418.66980	197847.21428	220372.61505	29° 50' 20.76"
	419.48620	0+419.48620	197847.92311	220373.02010	29° 39' 1.58"
	420.00000	0+420.00000	197848.36990	220373.27381	29° 31' 47.89"
	420.70000	0+420.70000	197848.97947	220373.61794	29° 21' 49.28"
	423.20000	0+423.20000	197851.16475	220374.83222	28° 44' 58.31"
	424.80030	0+424.80030	197852.57051	220375.59694	28° 20' 23.09"
KE	424.86145	0+424.86145	197852.62434	220375.62596	28° 19' 25.79"

IP5 (좌향)

구 분	원 국 선		교각(IA)	67° 37' 24.46"	
IP좌표	X	197982.32692	방위각	1	28° 19' 25.79"
	Y	220445.53321		2	320° 42' 1.33"

원 중심 좌표	X	197957.00431	R	220.00000	C L	259.65545
	Y	220181.96434	T L	147.34240	S L	44.78252

구분	누가거리	X 좌표	Y 좌표
B C	424.86145	197852.62434	220375.62596
E C	684.51690	198096.34700	220352.21009

부산외곽순환 고속도로 건설공사 실시설계

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	424.86145	0+424.86145	197852.62434	220375.62596	28° 19' 25.79"
	427.65170	0+427.65170	197855.08887	220376.93420	27° 35' 49.75"
	427.82180	0+427.82180	197855.23965	220377.01294	27° 33' 10.27"
	428.33010	0+428.33010	197855.69057	220377.24754	27° 25' 13.70"
	428.49900	0+428.49900	197855.84052	220377.32526	27° 22' 35.35"
	429.06210	0+429.06210	197856.34089	220377.58356	27° 13' 47.40"
	429.74370	0+429.74370	197856.94743	220377.89449	27° 3' 8.36"
	430.17010	0+430.17010	197857.32737	220378.08805	26° 56' 28.58"
	430.74770	0+430.74770	197857.84263	220378.34907	26° 47' 27.04"
	432.77880	0+432.77880	197859.65990	220379.25618	26° 15' 42.75"
	437.28990	0+437.28990	197863.72555	220381.21061	25° 5' 13.29"
	437.65990	0+437.65990	197864.06078	220381.36721	24° 59' 26.39"
	440.00000	0+440.00000	197866.18701	220382.34453	24° 22' 52.39"
	443.84550	0+443.84550	197869.70326	220383.90128	23° 22' 46.97"
	443.95550	0+443.95550	197869.80424	220383.94491	23° 21' 3.84"
	444.25030	0+444.25030	197870.07497	220384.06158	23° 16' 27.44"
	445.80000	0+445.80000	197871.50071	220384.66889	22° 52' 14.50"
	446.11750	0+446.11750	197871.79334	220384.79208	22° 47' 16.82"
	447.20000	0+447.20000	197872.79237	220385.20890	22° 30' 21.90"
	449.19500	0+449.19500	197874.63887	220385.96418	21° 59' 11.46"
	450.76360	0+450.76360	197876.09547	220386.54626	21° 34' 40.79"
	451.69630	0+451.69630	197876.96352	220386.88744	21° 20' 6.32"
	451.82220	0+451.82220	197877.08081	220386.93321	21° 18' 8.28"
	451.88910	0+451.88910	197877.14314	220386.95750	21° 17' 5.56"
	452.45190	0+452.45190	197877.66781	220387.16113	21° 8' 17.89"
	453.46090	0+453.46090	197878.60975	220387.52284	20° 52' 31.89"
	455.51540	0+455.51540	197880.53278	220388.24596	20° 20' 25.66"
	455.59300	0+455.59300	197880.60554	220388.27292	20° 19' 12.90"
	455.61720	0+455.61720	197880.62824	220388.28132	20° 18' 50.21"
	455.73810	0+455.73810	197880.74163	220388.32326	20° 16' 56.86"
	456.12650	0+456.12650	197881.10607	220388.45758	20° 10' 52.71"
	456.94340	0+456.94340	197881.87333	220388.73798	19° 58' 6.81"
	457.64290	0+457.64290	197882.53116	220388.97582	19° 47' 10.98"
	458.67290	0+458.67290	197883.50116	220389.32222	19° 31' 5.29"
	458.79070	0+458.79070	197883.61220	220389.36155	19° 29' 14.84"
	460.00000	0+460.00000	197884.75333	220389.76183	19° 10' 21.04"
	460.33970	0+460.33970	197885.07428	220389.87315	19° 5' 2.55"
	460.90000	0+460.90000	197885.60401	220390.05567	18° 56' 17.23"
	462.26150	0+462.26150	197886.89317	220390.49355	18° 35' 0.73"
	462.40000	0+462.40000	197887.02447	220390.53765	18° 32' 50.88"
	462.75420	0+462.75420	197887.36036	220390.65004	18° 27' 18.79"
	462.99670	0+462.99670	197887.59043	220390.72668	18° 23' 31.43"
	464.22390	0+464.22390	197888.75602	220391.11064	18° 4' 20.85"
	464.51400	0+464.51400	197889.03187	220391.20045	17° 59' 48.86"

	469.56640	0+469.56640	197893.85457	220392.70615	16° 40' 51.90"
	470.12040	0+470.12040	197894.38546	220392.86451	16° 32' 12.48"
	473.54790	0+473.54790	197897.67865	220393.81445	15° 38' 38.97"
	473.70050	0+473.70050	197897.82561	220393.85555	15° 36' 15.90"
	478.80940	0+478.80940	197902.76172	220395.17256	14° 16' 25.96"
	480.00000	0+480.00000	197903.91635	220395.46298	13° 57' 49.69"
	486.41200	0+486.41200	197910.16053	220396.91937	12° 17' 38.01"
	487.60370	0+487.60370	197911.32559	220397.16995	11° 59' 0.71"
	488.94860	0+488.94860	197912.64202	220397.44517	11° 37' 59.78"
	488.96920	0+488.96920	197912.66220	220397.44933	11° 37' 40.47"
	489.00020	0+489.00020	197912.69257	220397.45557	11° 37' 11.40"
	489.50290	0+489.50290	197913.18508	220397.55626	11° 29' 20.09"
	490.40000	0+490.40000	197914.06457	220397.73315	11° 15' 18.99"
	491.97580	0+491.97580	197915.61115	220398.03518	10° 50' 41.58"
	492.00000	0+492.00000	197915.63492	220398.03973	10° 50' 18.89"
	492.62420	0+492.62420	197916.24815	220398.15624	10° 40' 33.66"
	493.16200	0+493.16200	197916.77676	220398.25522	10° 32' 9.43"
	495.84840	0+495.84840	197919.42080	220398.73030	9° 50' 10.75"
	496.88790	0+496.88790	197920.44543	220398.90546	9° 33' 56.15"
	500.00000	0+500.00000	197923.51782	220399.40090	8° 45' 18.35"
	505.70730	0+505.70730	197929.16925	220400.19635	7° 16' 7.37"
	509.87850	0+509.87850	197933.31169	220400.68485	6° 10' 56.59"
	510.19410	0+510.19410	197933.62548	220400.71861	6° 6' 0.69"
	511.28720	0+511.28720	197934.71267	220400.83207	5° 48' 55.84"
	511.48040	0+511.48040	197934.90488	220400.85157	5° 45' 54.70"
	511.74790	0+511.74790	197935.17105	220400.87827	5° 41' 43.90"
	511.83700	0+511.83700	197935.25971	220400.88710	5° 40' 20.36"
	513.44480	0+513.44480	197936.86020	220401.04016	5° 15' 12.94"
	516.00000	0+516.00000	197939.40597	220401.25935	4° 35' 17.27"
	516.35500	0+516.35500	197939.75986	220401.28746	4° 29' 44.44"
	517.80000	0+517.80000	197941.20077	220401.39599	4° 7' 9.65"
	518.10000	0+518.10000	197941.50001	220401.41734	4° 2' 28.38"
	518.20000	0+518.20000	197941.59976	220401.42436	4° 0' 54.62"
	518.91790	0+518.91790	197942.31598	220401.47346	3° 49' 41.54"
	520.00000	0+520.00000	197943.39584	220401.54305	3° 32' 47.00"
	524.02190	0+524.02190	197947.41209	220401.75513	2° 29' 56.20"
	525.52150	0+525.52150	197948.91048	220401.81541	2° 6' 30.22"
	525.61200	0+525.61200	197949.00091	220401.81872	2° 5' 5.38"
	526.08850	0+526.08850	197949.47712	220401.83554	1° 57' 38.62"
	529.77760	0+529.77760	197953.16494	220401.93084	0° 59' 59.84"
	530.14020	0+530.14020	197953.52749	220401.93687	0° 54' 19.88"
	530.95640	0+530.95640	197954.34361	220401.94825	0° 41' 34.64"
	531.41000	0+531.41000	197954.79719	220401.95327	0° 34' 29.36"
	531.50080	0+531.50080	197954.88798	220401.95416	0° 33' 4.23"
	531.74160	0+531.74160	197955.12877	220401.95635	0° 29' 18.46"

부산외곽순환 고속도로 건설공사 실시설계

	533.40000	0+533.40000	197956.78715	220401.96424	0° 3' 23.60"
	533.50000	0+533.50000	197956.88715	220401.96431	0° 1' 49.84"
	535.32450	0+535.32450	197958.71163	220401.95772	359° 33' 19.25"
	536.04280	0+536.04280	197959.42990	220401.95097	359° 22' 5.80"
	538.10000	0+538.10000	197961.48684	220401.91867	358° 49' 57.03"
	538.50000	0+538.50000	197961.88675	220401.91016	358° 43' 42.01"
	539.40000	0+539.40000	197962.78648	220401.88835	358° 29' 38.20"
	539.68450	0+539.68450	197963.07088	220401.88068	358° 25' 11.46"
	539.90000	0+539.90000	197963.28629	220401.87464	358° 21' 49.41"
	540.00000	0+540.00000	197963.38625	220401.87176	358° 20' 15.66"
	543.95590	0+543.95590	197967.33924	220401.72146	357° 18' 26.73"
	544.21010	0+544.21010	197967.59316	220401.70937	357° 14' 28.40"
	545.00000	0+545.00000	197968.38207	220401.66993	357° 2' 7.82"
	545.06990	0+545.06990	197968.45188	220401.66631	357° 1' 2.28"
	545.87570	0+545.87570	197969.25651	220401.62291	356° 48' 26.79"
	546.35020	0+546.35020	197969.73024	220401.59597	356° 41' 1.92"
	546.53320	0+546.53320	197969.91293	220401.58531	356° 38' 10.34"
	546.62470	0+546.62470	197970.00427	220401.57992	356° 36' 44.55"
	549.00000	0+549.00000	197972.37462	220401.42676	355° 59' 37.55"
	549.73910	0+549.73910	197973.11182	220401.37389	355° 48' 4.60"
	553.68120	0+553.68120	197977.04055	220401.05006	354° 46' 28.61"
	554.90000	0+554.90000	197978.25397	220400.93569	354° 27' 25.90"
	555.78130	0+555.78130	197979.13097	220400.84881	354° 13' 39.63"
	556.30000	0+556.30000	197979.64698	220400.79604	354° 5' 33.31"
	556.30000	0+556.30000	197979.64698	220400.79604	354° 5' 33.31"
	556.50000	0+556.50000	197979.84591	220400.77536	354° 2' 25.80"
	556.60000	0+556.60000	197979.94537	220400.76496	354° 0' 52.04"
	560.00000	0+560.00000	197983.32396	220400.38430	353° 7' 44.31"
	560.68340	0+560.68340	197984.00232	220400.30149	352° 57' 3.58"
	566.38890	0+566.38890	197989.65498	220399.52797	351° 27' 54.29"
	568.18540	0+568.18540	197991.43048	220399.25410	350° 59' 49.95"
	571.89600	0+571.89600	197995.09030	220398.64258	350° 1' 51.01"
	572.18750	0+572.18750	197995.37736	220398.59192	349° 57' 17.71"
	578.06310	0+578.06310	198001.14852	220397.48995	348° 25' 28.94"
	580.00000	0+580.00000	198003.04429	220397.09296	347° 55' 12.96"
	584.30610	0+584.30610	198007.24596	220396.15066	346° 47' 55.71"
	586.26950	0+586.26950	198009.15545	220395.69375	346° 17' 14.89"
	586.87420	0+586.87420	198009.74271	220395.54960	346° 7' 47.94"
	591.11570	0+591.11570	198013.85048	220394.49319	345° 1' 31.25"
	592.78490	0+592.78490	198015.46135	220394.05577	344° 35' 26.26"
	593.38390	0+593.38390	198016.03860	220393.89583	344° 26' 4.66"
	596.47730	0+596.47730	198019.01261	220393.04483	343° 37' 44.39"
	596.98300	0+596.98300	198019.49764	220392.90173	343° 29' 50.26"
	599.35730	0+599.35730	198021.77045	220392.21502	342° 52' 44.19"
	600.00000	0+600.00000	198022.38440	220392.02492	342° 42' 41.62"

제6장 선형계산부

	602.02020	0+602.02020	198024.31054	220391.41570	342° 11' 7.55"
	604.50000	0+604.50000	198026.66711	220390.64375	341° 32' 22.57"
	604.50000	0+604.50000	198026.66711	220390.64375	341° 32' 22.57"
	605.83580	0+605.83580	198027.93288	220390.21692	341° 11' 30.16"
	606.26680	0+606.26680	198028.34073	220390.07757	341° 4' 46.07"
	606.90000	0+606.90000	198028.93943	220389.87139	340° 54' 52.40"
	607.93920	0+607.93920	198029.92070	220389.52927	340° 38' 38.08"
	608.22630	0+608.22630	198030.19151	220389.43394	340° 34' 8.91"
	608.41780	0+608.41780	198030.37207	220389.37016	340° 31' 9.36"
	610.16680	0+610.16680	198032.01861	220388.78033	340° 3' 49.56"
	610.70000	0+610.70000	198032.51964	220388.59792	339° 55' 29.65"
	612.10010	0+612.10010	198033.83313	220388.11315	339° 33' 36.96"
	616.00000	0+616.00000	198037.47523	220386.71890	338° 32' 40.54"
	618.31060	0+618.31060	198039.62124	220385.86246	337° 56' 34.20"
	620.00000	0+620.00000	198041.18454	220385.22203	337° 30' 10.27"
	622.20000	0+622.20000	198043.21287	220384.37008	336° 55' 47.62"
	622.20000	0+622.20000	198043.21287	220384.37008	336° 55' 47.62"
	622.50000	0+622.50000	198043.48880	220384.25234	336° 51' 6.35"
	622.70000	0+622.70000	198043.67266	220384.17363	336° 47' 58.84"
	625.09460	0+625.09460	198045.86844	220383.21833	336° 10' 33.74"
	625.77430	0+625.77430	198046.48980	220382.94282	335° 59' 56.48"
	626.54060	0+626.54060	198047.18930	220382.62990	335° 47' 58.02"
	627.03790	0+627.03790	198047.64267	220382.42553	335° 40' 11.77"
	627.41630	0+627.41630	198047.98732	220382.26934	335° 34' 16.99"
	627.42680	0+627.42680	198047.99688	220382.26500	335° 34' 7.15"
	631.32350	0+631.32350	198051.53021	220380.62198	334° 33' 13.73"
	632.99140	0+632.99140	198053.03357	220379.89964	334° 7' 9.96"
	638.16830	0+638.16830	198057.66424	220377.58535	332° 46' 16.27"
	638.84480	0+638.84480	198058.26530	220377.27490	332° 35' 42.00"
	640.00000	0+640.00000	198059.28946	220376.74049	332° 17' 38.93"
	640.70000	0+640.70000	198059.90868	220376.41405	332° 6' 42.63"
	642.00000	0+642.00000	198061.05590	220375.80259	331° 46' 23.79"
	642.38920	0+642.38920	198061.39865	220375.61821	331° 40' 18.89"
	642.40000	0+642.40000	198061.40816	220375.61309	331° 40' 8.77"
	642.40000	0+642.40000	198061.40816	220375.61309	331° 40' 8.77"
	644.67010	0+644.67010	198063.40076	220374.52549	331° 4' 40.39"
	646.40000	0+646.40000	198064.91160	220373.68293	330° 37' 38.50"
	653.39390	0+653.39390	198070.95087	220370.15622	328° 48' 21.24"
	654.08290	0+654.08290	198071.53969	220369.79844	328° 37' 35.26"
	657.56960	0+657.56960	198074.50210	220367.95969	327° 43' 6.24"
	658.15990	0+658.15990	198075.00073	220367.64376	327° 33' 52.80"
	660.00000	0+660.00000	198076.54963	220366.65034	327° 5' 7.58"
	664.43990	0+664.43990	198080.25224	220364.20031	325° 55' 44.88"
	664.57350	0+664.57350	198080.36289	220364.12543	325° 53' 39.62"
	666.58220	0+666.58220	198082.02094	220362.99153	325° 22' 16.33"

부산외곽순환 고속도로 건설공사 실시설계

	673.00000	0+673.00000	198087.24789	220359.26806	323° 41' 59.21"
	673.16490	0+673.16490	198087.38075	220359.17039	323° 39' 24.60"
	673.59170	0+673.59170	198087.72428	220358.91713	323° 32' 44.45"
	676.43140	0+676.43140	198089.99739	220357.21514	322° 48' 22.04"
	679.86690	0+679.86690	198092.71776	220355.11705	321° 54' 41.02"
	680.00000	0+680.00000	198092.82250	220355.03491	321° 52' 36.23"
	682.00000	0+682.00000	198094.39023	220353.79306	321° 21' 21.10"
EC	684.51690	0+684.51690	198096.34700	220352.21009	320° 42' 1.33"

IP6 (좌향)

구 분	크 로 소 이 드		교각(FA)	11° 17' 51.92"	
IP좌표	X	198118.48101	방위각	1	320° 42' 1.33"
	Y	220334.09385		2	309° 24' 9.41"

R 1	220.00000	A	139.48169	R 2	1600.00000
L 1	88.43246	원중심 좌표 1		L 2	12.15946
X 1	88.07592	X	197957.00431	X 2	12.15945
Y 1	5.90740	Y 2	220181.96434	Y 2	0.01540
T 1	0.20098	원중심 좌표 2		T 2	0.00380
TL1	59.08020	X	196912.55250	TL2	8.10632
TK1	29.59136	Y 2	219281.46387	TK2	4.05316

구분	누가거리	X 좌표	Y 좌표
K E	684.51690	198096.34700	220352.21009
K A E	760.78990	198148.87988	220297.08911

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KE	684.51690	0+684.51690	198096.34700	220352.21009	320° 42' 1.33"
	685.26680	0+685.26680	198096.92649	220351.73414	320° 30' 21.24"
	688.50000	0+688.50000	198099.40664	220349.65994	319° 41' 11.01"
	689.06080	0+689.06080	198099.83382	220349.29660	319° 32' 50.58"
	689.68960	0+689.68960	198100.31174	220348.88798	319° 23' 33.42"
	691.37530	0+691.37530	198101.58756	220347.78623	318° 59' 0.47"
	691.65980	0+691.65980	198101.80211	220347.59939	318° 54' 54.85"
	691.68500	0+691.68500	198101.82111	220347.58283	318° 54' 33.14"
	693.47310	0+693.47310	198103.16437	220346.40261	318° 29' 9.51"
	694.46850	0+694.46850	198103.90838	220345.74135	318° 15' 16.03"
	694.78250	0+694.78250	198104.14253	220345.53213	318° 10' 55.28"
	695.22650	0+695.22650	198104.47317	220345.23579	318° 4' 48.37"
	697.16400	0+697.16400	198105.90984	220343.93584	317° 38' 31.73"
	697.85780	0+697.85780	198106.42189	220343.46770	317° 29' 16.82"
	700.00000	0+700.00000	198107.99504	220342.01367	317° 1' 15.69"

	703.50000	0+703.50000	198110.54018	220339.61115	316° 17' 13.67"
	704.07580	0+704.07580	198110.95596	220339.21282	316° 10' 11.47"
	705.61420	0+705.61420	198112.06287	220338.14445	315° 51' 40.67"
	705.89590	0+705.89590	198112.26494	220337.94817	315° 48' 19.98"
	707.51770	0+707.51770	198113.42460	220336.81441	315° 29' 20.98"
	708.41690	0+708.41690	198114.06488	220336.18306	315° 19' 1.48"
	708.70000	0+708.70000	198114.26608	220335.98390	315° 15' 48.22"
	708.70000	0+708.70000	198114.26608	220335.98390	315° 15' 48.22"
	709.10000	0+709.10000	198114.55003	220335.70217	315° 11' 16.59"
	709.10000	0+709.10000	198114.55003	220335.70217	315° 11' 16.59"
	712.07150	0+712.07150	198116.64799	220333.59782	314° 38' 31.89"
	715.36430	0+715.36430	198118.94988	220331.24330	314° 4' 4.09"
	717.06350	0+717.06350	198120.12864	220330.01946	313° 47' 2.00"
	717.89720	0+717.89720	198120.70479	220329.41687	313° 38' 51.71"
	719.06030	0+719.06030	198121.50621	220328.57395	313° 27' 40.02"
	719.87770	0+719.87770	198122.06780	220327.98001	313° 19' 56.55"
	720.00000	0+720.00000	198122.15172	220327.89104	313° 18' 47.81"
	720.50650	0+720.50650	198122.49891	220327.52226	313° 14' 4.84"
	720.88880	0+720.88880	198122.76064	220327.24360	313° 10' 33.05"
	721.08470	0+721.08470	198122.89465	220327.10071	313° 8' 45.13"
	721.73660	0+721.73660	198123.34004	220326.62469	313° 2' 48.92"
	722.55140	0+722.55140	198123.89559	220326.02864	312° 55' 30.03"
	723.96760	0+723.96760	198124.85819	220324.98988	312° 43' 3.96"
	724.75900	0+724.75900	198125.39449	220324.40791	312° 36' 16.30"
	729.00000	0+729.00000	198128.24940	220321.27176	312° 1' 44.84"
	729.95110	0+729.95110	198128.88542	220320.56460	311° 54' 26.47"
	730.00000	0+730.00000	198128.91808	220320.52821	311° 54' 4.19"
	730.70260	0+730.70260	198129.38690	220320.00490	311° 48' 46.87"
	731.24300	0+731.24300	198129.74695	220319.60192	311° 44' 46.37"
	731.57150	0+731.57150	198129.96559	220319.35675	311° 42' 21.69"
	731.73990	0+731.73990	198130.07761	220319.23101	311° 41' 7.97"
	732.30000	0+732.30000	198130.44985	220318.81250	311° 37' 4.92"
	733.00000	0+733.00000	198130.91439	220318.28885	311° 32' 5.84"
	733.87970	0+733.87970	198131.49710	220317.62983	311° 25' 57.35"
	739.35470	0+739.35470	198135.09854	220313.50612	310° 50' 48.40"
	740.00000	0+740.00000	198135.52033	220313.01774	310° 47' 0.77"
	742.72830	0+742.72830	198137.29781	220310.94792	310° 31' 47.14"
	746.94230	0+746.94230	198140.02624	220307.73647	310° 10' 51.09"
	748.61950	0+748.61950	198141.10696	220306.45388	310° 3' 23.55"
	748.61970	0+748.61970	198141.10709	220306.45373	310° 3' 23.50"
	752.76880	0+752.76880	198143.76944	220303.27144	309° 47' 4.52"
	752.76900	0+752.76900	198143.76956	220303.27129	309° 47' 4.47"
	753.22050	0+753.22050	198144.05840	220302.92427	309° 45' 28.95"
	753.95740	0+753.95740	198144.52947	220302.35760	309° 42' 57.70"
	754.46210	0+754.46210	198144.85187	220301.96929	309° 41' 17.42"

부산외곽순환 고속도로 건설공사 실시설계

	754.80940	0+754.80940	198145.07362	220301.70200	309° 40' 9.99"
	755.19360	0+755.19360	198145.31882	220301.40622	309° 38' 56.88"
	755.40120	0+755.40120	198145.45127	220301.24636	309° 38' 18.03"
	755.40140	0+755.40140	198145.45140	220301.24621	309° 38' 17.99"
	758.97550	0+758.97550	198147.72732	220298.49042	309° 28' 20.77"
	758.97570	0+758.97570	198147.72745	220298.49027	309° 28' 20.74"
	759.36480	0+759.36480	198147.97476	220298.18987	309° 27' 23.90"
	759.93110	0+759.93110	198148.33456	220297.75256	309° 26' 4.04"
	760.00000	0+760.00000	198148.37832	220297.69935	309° 25' 54.55"
	760.43510	0+760.43510	198148.65463	220297.36324	309° 24' 55.82"
	760.73450	0+760.73450	198148.84471	220297.13192	309° 24' 16.57"
KAE	760.78990	0+760.78990	198148.87988	220297.08911	309° 24' 9.41"

IP7 (좌향)

구 분	원 곡 선		교각(IA)	13° 34' 8.95"	
IP좌표	X	198269.70857	방위각	1	309° 24' 9.41"
	Y	220150.00354		2	295° 50' 0.47"

원 중심 좌표	X	196912.55250	R	1600.00000	C L	378.92220
	Y	219281.46387	T L	190.35162	S L	11.28326

구분	누가거리	X 좌표	Y 좌표
B C	760.78990	198148.87988	220297.08911
E C	1139.71210	198352.65559	219978.67482

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	760.78990	0+760.78990	198148.87988	220297.08911	309° 24' 9.41"
	761.06590	0+761.06590	198149.05505	220296.87583	309° 23' 33.83"
	762.39340	0+762.39340	198149.89710	220295.84957	309° 20' 42.70"
	764.67640	0+764.67640	198151.34324	220294.08300	309° 15' 48.38"
	765.17450	0+765.17450	198151.65842	220293.69730	309° 14' 44.17"
	769.33100	0+769.33100	198154.28383	220290.47493	309° 5' 48.33"
	772.48520	0+772.48520	198156.27056	220288.02505	308° 59' 1.71"
	772.94370	0+772.94370	198156.55895	220287.66860	308° 58' 2.60"
	774.39270	0+774.39270	198157.46968	220286.54159	308° 54' 55.80"
	774.99420	0+774.99420	198157.84744	220286.07351	308° 53' 38.26"
	775.01230	0+775.01230	198157.85881	220286.05942	308° 53' 35.93"
	776.11330	0+776.11330	198158.54980	220285.20225	308° 51' 13.99"
	776.25450	0+776.25450	198158.63837	220285.09229	308° 50' 55.79"
	776.66410	0+776.66410	198158.89526	220284.77326	308° 50' 2.98"
	777.96080	0+777.96080	198159.70797	220283.76285	308° 47' 15.82"
	778.50000	0+778.50000	198160.04568	220283.34250	308° 46' 6.31"

	778.51630	0+778.51630	198160.05588	220283.32979	308° 46' 4.21"
	779.43700	0+779.43700	198160.63219	220282.61177	308° 44' 5.51"
	779.50480	0+779.50480	198160.67461	220282.55888	308° 43' 56.77"
	779.61440	0+779.61440	198160.74318	220282.47338	308° 43' 42.64"
	780.00000	0+780.00000	198160.98439	220282.17254	308° 42' 52.93"
	780.65310	0+780.65310	198161.39276	220281.66286	308° 41' 28.74"
	782.21580	0+782.21580	198162.36905	220280.44265	308° 38' 7.28"
	782.50000	0+782.50000	198162.54647	220280.22064	308° 37' 30.64"
	782.85790	0+782.85790	198162.76985	220279.94101	308° 36' 44.51"
	783.05420	0+783.05420	198162.89234	220279.78761	308° 36' 19.20"
	783.60000	0+783.60000	198163.23282	220279.36103	308° 35' 8.84"
	784.68590	0+784.68590	198163.90979	220278.51198	308° 32' 48.85"
	785.35400	0+785.35400	198164.32601	220277.98938	308° 31' 22.72"
	785.59730	0+785.59730	198164.47753	220277.79902	308° 30' 51.35"
	785.60000	0+785.60000	198164.47921	220277.79690	308° 30' 51.01"
	786.13150	0+786.13150	198164.81011	220277.38097	308° 29' 42.49"
	788.58230	0+788.58230	198166.33414	220275.46166	308° 24' 26.54"
	792.35350	0+792.35350	198168.67351	220272.50374	308° 16' 20.38"
	793.16840	0+793.16840	198169.17810	220271.86385	308° 14' 35.32"
	794.29140	0+794.29140	198169.87292	220270.98161	308° 12' 10.55"
	796.66550	0+796.66550	198171.33980	220269.11490	308° 7' 4.49"
	796.92590	0+796.92590	198171.50052	220268.91002	308° 6' 30.92"
	798.51970	0+798.51970	198172.48352	220267.65546	308° 3' 5.46"
	798.60820	0+798.60820	198172.53806	220267.58577	308° 2' 54.05"
	799.41680	0+799.41680	198173.03626	220266.94888	308° 1' 9.81"
	800.00000	0+800.00000	198173.39539	220266.48936	307° 59' 54.62"
	800.08220	0+800.08220	198173.44599	220266.42459	307° 59' 44.03"
	800.83450	0+800.83450	198173.90897	220265.83162	307° 58' 7.04"
	801.08120	0+801.08120	198174.06073	220265.63712	307° 57' 35.24"
	802.38570	0+802.38570	198174.86272	220264.60827	307° 54' 47.07"
	802.79300	0+802.79300	198175.11295	220264.28691	307° 53' 54.56"
	803.98460	0+803.98460	198175.84456	220263.34634	307° 51' 20.95"
	810.74030	0+810.74030	198179.97910	220258.00359	307° 36' 50.03"
	810.74050	0+810.74050	198179.97922	220258.00343	307° 36' 50.01"
	811.45560	0+811.45560	198180.41555	220257.43687	307° 35' 17.82"
	811.45580	0+811.45580	198180.41567	220257.43672	307° 35' 17.79"
	814.14340	0+814.14340	198182.05327	220255.30565	307° 29' 31.32"
	814.67840	0+814.67840	198182.37883	220254.88110	307° 28' 22.35"
	815.00840	0+815.00840	198182.57957	220254.61918	307° 27' 39.81"
	815.26380	0+815.26380	198182.73489	220254.41644	307° 27' 6.88"
	815.49970	0+815.49970	198182.87833	220254.22916	307° 26' 36.47"
	815.74240	0+815.74240	198183.02587	220254.03645	307° 26' 5.18"
	815.96890	0+815.96890	198183.16354	220253.85659	307° 25' 35.98"
	816.41290	0+816.41290	198183.43333	220253.50396	307° 24' 38.75"
	819.44930	0+819.44930	198185.27573	220251.09040	307° 18' 7.31"

부산외곽순환 고속도로 건설공사 실시설계

	819.73090	0+819.73090	198185.44636	220250.86638	307° 17' 31.00"
	820.00000	0+820.00000	198185.60938	220250.65228	307° 16' 56.31"
	822.35250	0+822.35250	198187.03302	220248.77945	307° 11' 53.04"
	822.50990	0+822.50990	198187.12817	220248.65406	307° 11' 32.75"
	825.12760	0+825.12760	198188.70885	220246.56748	307° 5' 55.29"
	825.17570	0+825.17570	198188.73786	220246.52912	307° 5' 49.09"
	826.80730	0+826.80730	198189.72132	220245.22723	307° 2' 18.75"
	826.82130	0+826.82130	198189.72976	220245.21605	307° 2' 16.94"
	827.09770	0+827.09770	198189.89622	220244.99541	307° 1' 41.31"
	827.12240	0+827.12240	198189.91110	220244.97569	307° 1' 38.13"
	827.34890	0+827.34890	198190.04748	220244.79485	307° 1' 8.93"
	827.38270	0+827.38270	198190.06783	220244.76786	307° 1' 4.57"
	828.18410	0+828.18410	198190.55017	220244.12787	306° 59' 21.26"
	829.04630	0+829.04630	198191.06874	220243.43905	306° 57' 30.10"
	829.12240	0+829.12240	198191.11449	220243.37824	306° 57' 20.29"
	829.13970	0+829.13970	198191.12489	220243.36441	306° 57' 18.06"
	830.53350	0+830.53350	198191.96234	220242.25025	306° 54' 18.38"
	831.26250	0+831.26250	198192.39997	220241.66722	306° 52' 44.40"
	831.52790	0+831.52790	198192.55922	220241.45491	306° 52' 10.19"
	832.35290	0+832.35290	198193.05405	220240.79478	306° 50' 23.83"
	832.36820	0+832.36820	198193.06322	220240.78254	306° 50' 21.86"
	832.56700	0+832.56700	198193.18241	220240.62343	306° 49' 56.23"
	832.68080	0+832.68080	198193.25062	220240.53234	306° 49' 41.56"
	835.46380	0+835.46380	198194.91687	220238.30327	306° 43' 42.79"
	835.64830	0+835.64830	198195.02719	220238.15540	306° 43' 19.00"
	835.74730	0+835.74730	198195.08639	220238.07604	306° 43' 6.24"
	835.93640	0+835.93640	198195.19944	220237.92445	306° 42' 41.86"
	837.18070	0+837.18070	198195.94288	220236.92667	306° 40' 1.45"
	837.49190	0+837.49190	198196.12869	220236.67703	306° 39' 21.34"
	837.50570	0+837.50570	198196.13693	220236.66596	306° 39' 19.56"
	837.82390	0+837.82390	198196.32687	220236.41067	306° 38' 38.54"
	839.61270	0+839.61270	198197.39370	220234.97481	306° 34' 47.93"
	839.98970	0+839.98970	198197.61833	220234.67204	306° 33' 59.33"
	840.00000	0+840.00000	198197.62447	220234.66377	306° 33' 58.00"
	840.38450	0+840.38450	198197.85350	220234.35492	306° 33' 8.43"
	840.77630	0+840.77630	198198.08680	220234.04016	306° 32' 17.93"
	843.60680	0+843.60680	198199.76995	220231.76448	306° 26' 13.03"
	844.05190	0+844.05190	198200.03426	220231.40635	306° 25' 15.65"
	852.52210	0+852.52210	198205.04508	220224.57731	306° 7' 3.71"
	853.04170	0+853.04170	198205.35128	220224.15752	306° 5' 56.73"
	853.54670	0+853.54670	198205.64876	220223.74943	306° 4' 51.62"
	854.06780	0+854.06780	198205.95558	220223.32824	306° 3' 44.45"
	854.09530	0+854.09530	198205.97177	220223.30601	306° 3' 40.90"
	854.61670	0+854.61670	198206.27862	220222.88446	306° 2' 33.68"
	855.00740	0+855.00740	198206.50847	220222.56852	306° 1' 43.32"

	855.52850	0+855.52850	198206.81490	220222.14705	306° 0' 36.14"
	860.00000	0+860.00000	198209.43876	220218.52632	305° 50' 59.69"
	860.49860	0+860.49860	198209.73071	220218.12213	305° 49' 55.42"
	860.99310	0+860.99310	198210.02013	220217.72118	305° 48' 51.67"
	863.20940	0+863.20940	198211.31578	220215.92305	305° 44' 5.95"
	863.67560	0+863.67560	198211.58800	220215.54458	305° 43' 5.85"
	864.13710	0+864.13710	198211.85737	220215.16985	305° 42' 6.36"
	864.59130	0+864.59130	198212.12238	220214.80097	305° 41' 7.80"
	864.72660	0+864.72660	198212.20130	220214.69107	305° 40' 50.36"
	864.92410	0+864.92410	198212.31648	220214.53064	305° 40' 24.90"
	864.92520	0+864.92520	198212.31712	220214.52975	305° 40' 24.76"
	864.98070	0+864.98070	198212.34949	220214.48466	305° 40' 17.60"
	865.17250	0+865.17250	198212.46133	220214.32884	305° 39' 52.88"
	865.36710	0+865.36710	198212.57478	220214.17073	305° 39' 27.79"
	865.36820	0+865.36820	198212.57542	220214.16984	305° 39' 27.65"
	865.58610	0+865.58610	198212.70243	220213.99278	305° 38' 59.56"
	865.65510	0+865.65510	198212.74264	220213.93671	305° 38' 50.66"
	867.44920	0+867.44920	198213.78742	220212.47821	305° 34' 59.38"
	867.62960	0+867.62960	198213.89238	220212.33149	305° 34' 36.12"
	867.77260	0+867.77260	198213.97557	220212.21518	305° 34' 17.68"
	868.16820	0+868.16820	198214.20566	220211.89337	305° 33' 26.69"
	868.39430	0+868.39430	198214.33713	220211.70942	305° 32' 57.54"
	868.90800	0+868.90800	198214.63573	220211.29142	305° 31' 51.31"
	868.99600	0+868.99600	198214.68687	220211.21981	305° 31' 39.97"
	869.28160	0+869.28160	198214.85281	220210.98736	305° 31' 3.15"
	869.36780	0+869.36780	198214.90289	220210.91720	305° 30' 52.04"
	871.73290	0+871.73290	198216.27537	220208.99106	305° 25' 47.14"
	872.04400	0+872.04400	198216.45569	220208.73755	305° 25' 7.03"
	872.99920	0+872.99920	198217.00904	220207.95896	305° 23' 3.89"
	873.27890	0+873.27890	198217.17098	220207.73091	305° 22' 27.84"
	874.59650	0+874.59650	198217.93332	220206.65624	305° 19' 37.98"
	874.69510	0+874.69510	198217.99033	220206.57580	305° 19' 25.27"
	874.83630	0+874.83630	198218.07197	220206.46059	305° 19' 7.06"
	874.93240	0+874.93240	198218.12752	220206.38217	305° 18' 54.67"
	879.13890	0+879.13890	198220.55468	220202.94654	305° 9' 52.39"
	879.26520	0+879.26520	198220.62741	220202.84329	305° 9' 36.11"
	880.00000	0+880.00000	198221.05042	220202.24246	305° 8' 1.38"
	880.10470	0+880.10470	198221.11067	220202.15683	305° 7' 47.89"
	880.20680	0+880.20680	198221.16942	220202.07333	305° 7' 34.72"
	881.79350	0+881.79350	198222.08173	220200.77514	305° 4' 10.17"
	881.85330	0+881.85330	198222.11609	220200.72619	305° 4' 2.46"
	882.42040	0+882.42040	198222.44183	220200.26198	305° 2' 49.36"
	882.79400	0+882.79400	198222.65633	220199.95609	305° 2' 1.19"
	884.18900	0+884.18900	198223.45664	220198.81350	304° 59' 1.36"
	884.18920	0+884.18920	198223.45676	220198.81333	304° 59' 1.33"

부산외곽순환 고속도로 건설공사 실시설계

	884.61710	0+884.61710	198223.70205	220198.46271	304° 58' 6.17"
	885.05990	0+885.05990	198223.95578	220198.09982	304° 57' 9.08"
	885.08240	0+885.08240	198223.96867	220198.08138	304° 57' 6.18"
	885.97190	0+885.97190	198224.47804	220197.35217	304° 55' 11.51"
	886.01780	0+886.01780	198224.50432	220197.31453	304° 55' 5.60"
	886.41160	0+886.41160	198224.72969	220196.99160	304° 54' 14.83"
	886.46880	0+886.46880	198224.76242	220196.94469	304° 54' 7.45"
	889.24750	0+889.24750	198226.35035	220194.66441	304° 48' 9.24"
	889.37750	0+889.37750	198226.42454	220194.55766	304° 47' 52.48"
	889.89530	0+889.89530	198226.71997	220194.13241	304° 46' 45.73"
	889.94880	0+889.94880	198226.75049	220194.08847	304° 46' 38.83"
	890.09690	0+890.09690	198226.83496	220193.96682	304° 46' 19.74"
	891.01440	0+891.01440	198227.35800	220193.21301	304° 44' 21.46"
	892.06460	0+892.06460	198227.95617	220192.34981	304° 42' 6.07"
	892.26690	0+892.26690	198228.07133	220192.18349	304° 41' 39.99"
	895.63790	0+895.63790	198229.98718	220189.40983	304° 34' 25.42"
	895.93180	0+895.93180	198230.15394	220189.16782	304° 33' 47.53"
	896.09940	0+896.09940	198230.24901	220189.02980	304° 33' 25.92"
	897.70630	0+897.70630	198231.15983	220187.70596	304° 29' 58.77"
	897.82110	0+897.82110	198231.22485	220187.61135	304° 29' 43.97"
	898.34730	0+898.34730	198231.52278	220187.17762	304° 28' 36.13"
	898.37220	0+898.37220	198231.53688	220187.15710	304° 28' 32.92"
	898.48520	0+898.48520	198231.60084	220187.06394	304° 28' 18.35"
	898.85190	0+898.85190	198231.80836	220186.76161	304° 27' 31.08"
	899.21920	0+899.21920	198232.01615	220186.45873	304° 26' 43.73"
	899.60470	0+899.60470	198232.23415	220186.14080	304° 25' 54.03"
	899.86540	0+899.86540	198232.38154	220185.92576	304° 25' 20.42"
	899.89740	0+899.89740	198232.39963	220185.89936	304° 25' 16.30"
	900.00000	0+900.00000	198232.45763	220185.81473	304° 25' 3.07"
	900.30020	0+900.30020	198232.62728	220185.56706	304° 24' 24.37"
	900.41720	0+900.41720	198232.69339	220185.47053	304° 24' 9.29"
	900.72840	0+900.72840	198232.86920	220185.21374	304° 23' 29.17"
	901.15240	0+901.15240	198233.10864	220184.86383	304° 22' 34.51"
	903.08100	0+903.08100	198234.19662	220183.27141	304° 18' 25.88"
	903.16200	0+903.16200	198234.24227	220183.20450	304° 18' 15.44"
	903.56500	0+903.56500	198234.46936	220182.87157	304° 17' 23.49"
	903.64800	0+903.64800	198234.51611	220182.80299	304° 17' 12.79"
	903.69030	0+903.69030	198234.53994	220182.76804	304° 17' 7.34"
	904.18970	0+904.18970	198234.82120	220182.35537	304° 16' 2.96"
	906.81010	0+906.81010	198236.29486	220180.18862	304° 10' 25.15"
	907.19820	0+907.19820	198236.51282	220179.86751	304° 9' 35.11"
	907.38880	0+907.38880	198236.61983	220179.70978	304° 9' 10.54"
	907.78670	0+907.78670	198236.84317	220179.38048	304° 8' 19.25"
	908.47410	0+908.47410	198237.22882	220178.81144	304° 6' 50.63"
	908.98760	0+908.98760	198237.51674	220178.38626	304° 5' 44.43"

	909.24970	0+909.24970	198237.66365	220178.16920	304° 5' 10.64"
	909.62140	0+909.62140	198237.87193	220177.86134	304° 4' 22.73"
	909.69630	0+909.69630	198237.91389	220177.79930	304° 4' 13.07"
	909.99270	0+909.99270	198238.07991	220177.55376	304° 3' 34.86"
	910.06640	0+910.06640	198238.12119	220177.49270	304° 3' 25.36"
	910.14840	0+910.14840	198238.16711	220177.42476	304° 3' 14.79"
	910.34800	0+910.34800	198238.27887	220177.25938	304° 2' 49.06"
	910.46250	0+910.46250	198238.34297	220177.16451	304° 2' 34.29"
	910.47430	0+910.47430	198238.34958	220177.15473	304° 2' 32.77"
	910.72750	0+910.72750	198238.49130	220176.94491	304° 2' 0.13"
	910.99670	0+910.99670	198238.64195	220176.72181	304° 1' 25.43"
	911.68350	0+911.68350	198239.02612	220176.15251	303° 59' 56.89"
	911.99460	0+911.99460	198239.20005	220175.89457	303° 59' 16.78"
	912.38550	0+912.38550	198239.41853	220175.57043	303° 58' 26.39"
	913.95300	0+913.95300	198240.29384	220174.27009	303° 55' 4.31"
	914.00830	0+914.00830	198240.32470	220174.22420	303° 54' 57.19"
	914.19260	0+914.19260	198240.42753	220174.07125	303° 54' 33.43"
	914.78760	0+914.78760	198240.75937	220173.57738	303° 53' 16.72"
	914.89040	0+914.89040	198240.81669	220173.49204	303° 53' 3.47"
	915.20190	0+915.20190	198240.99033	220173.23343	303° 52' 23.31"
	915.64650	0+915.64650	198241.23808	220172.86426	303° 51' 26.00"
	915.79110	0+915.79110	198241.31863	220172.74417	303° 51' 7.36"
	915.99240	0+915.99240	198241.43076	220172.57699	303° 50' 41.40"
	916.14760	0+916.14760	198241.51719	220172.44808	303° 50' 21.40"
	916.19730	0+916.19730	198241.54486	220172.40680	303° 50' 14.99"
	916.42710	0+916.42710	198241.67281	220172.21592	303° 49' 45.36"
	916.59630	0+916.59630	198241.76700	220172.07536	303° 49' 23.55"
	916.71820	0+916.71820	198241.83485	220171.97409	303° 49' 7.84"
	916.96170	0+916.96170	198241.97036	220171.77177	303° 48' 36.45"
	917.19090	0+917.19090	198242.09788	220171.58133	303° 48' 6.90"
	917.36630	0+917.36630	198242.19545	220171.43557	303° 47' 44.29"
	917.50570	0+917.50570	198242.27299	220171.31972	303° 47' 26.32"
	918.03120	0+918.03120	198242.56518	220170.88294	303° 46' 18.57"
	918.24530	0+918.24530	198242.68418	220170.70496	303° 45' 50.97"
	918.75040	0+918.75040	198242.96484	220170.28501	303° 44' 45.86"
	918.85700	0+918.85700	198243.02405	220170.19637	303° 44' 32.11"
	919.11180	0+919.11180	198243.16557	220169.98448	303° 43' 59.27"
	919.15050	0+919.15050	198243.18706	220169.95230	303° 43' 54.28"
	919.54400	0+919.54400	198243.40553	220169.62502	303° 43' 3.55"
	919.67710	0+919.67710	198243.47941	220169.51431	303° 42' 46.39"
	920.00000	0+920.00000	198243.65860	220169.24569	303° 42' 4.76"
	920.44290	0+920.44290	198243.90430	220168.87719	303° 41' 7.67"
	920.57940	0+920.57940	198243.98000	220168.76360	303° 40' 50.07"
	920.92880	0+920.92880	198244.17373	220168.47283	303° 40' 5.03"
	921.51610	0+921.51610	198244.49923	220167.98398	303° 38' 49.31"

부산외곽순환 고속도로 건설공사 실시설계

	921.63150	0+921.63150	198244.56317	220167.88792	303° 38' 34.44"
	921.86900	0+921.86900	198244.69473	220167.69019	303° 38' 3.82"
	922.30760	0+922.30760	198244.93762	220167.32498	303° 37' 7.28"
	922.46410	0+922.46410	198245.02426	220167.19465	303° 36' 47.10"
	922.77020	0+922.77020	198245.19369	220166.93972	303° 36' 7.64"
	922.82570	0+922.82570	198245.22440	220166.89349	303° 36' 0.49"
	922.91540	0+922.91540	198245.27404	220166.81878	303° 35' 48.92"
	923.01290	0+923.01290	198245.32799	220166.73756	303° 35' 36.35"
	923.20370	0+923.20370	198245.43355	220166.57862	303° 35' 11.76"
	923.84890	0+923.84890	198245.79036	220166.04107	303° 33' 48.58"
	923.84960	0+923.84960	198245.79075	220166.04048	303° 33' 48.49"
	923.93750	0+923.93750	198245.83934	220165.96724	303° 33' 37.16"
	923.99800	0+923.99800	198245.87279	220165.91682	303° 33' 29.36"
	924.13960	0+924.13960	198245.95106	220165.79882	303° 33' 11.10"
	924.19340	0+924.19340	198245.98079	220165.75398	303° 33' 4.17"
	924.42280	0+924.42280	198246.10756	220165.56279	303° 32' 34.60"
	924.72120	0+924.72120	198246.27242	220165.31407	303° 31' 56.13"
	924.78830	0+924.78830	198246.30949	220165.25814	303° 31' 47.48"
	925.15260	0+925.15260	198246.51068	220164.95443	303° 31' 0.51"
	925.25060	0+925.25060	198246.56480	220164.87273	303° 30' 47.88"
	926.90480	0+926.90480	198247.47742	220163.49305	303° 27' 14.63"
	927.50160	0+927.50160	198247.80632	220162.99506	303° 25' 57.69"
	927.98580	0+927.98580	198248.07303	220162.59094	303° 24' 55.27"
	928.33990	0+928.33990	198248.26801	220162.29535	303° 24' 9.62"
	928.59720	0+928.59720	198248.40964	220162.08054	303° 23' 36.45"
	929.53090	0+929.53090	198248.92330	220161.30084	303° 21' 36.08"
	930.18240	0+930.18240	198249.28145	220160.75661	303° 20' 12.09"
	930.26030	0+930.26030	198249.32426	220160.69153	303° 20' 2.05"
	931.27940	0+931.27940	198249.88400	220159.83991	303° 17' 50.67"
	931.42330	0+931.42330	198249.96300	220159.71963	303° 17' 32.12"
	931.54620	0+931.54620	198250.03045	220159.61690	303° 17' 16.28"
	931.64950	0+931.64950	198250.08715	220159.53054	303° 17' 2.96"
	931.96300	0+931.96300	198250.25917	220159.26845	303° 16' 22.55"
	931.99890	0+931.99890	198250.27886	220159.23844	303° 16' 17.92"
	932.35370	0+932.35370	198250.47348	220158.94178	303° 15' 32.18"
	932.64820	0+932.64820	198250.63496	220158.69550	303° 14' 54.21"
	932.66390	0+932.66390	198250.64357	220158.68237	303° 14' 52.19"
	933.39100	0+933.39100	198251.04207	220158.07420	303° 13' 18.46"
	933.39150	0+933.39150	198251.04235	220158.07378	303° 13' 18.39"
	933.56760	0+933.56760	198251.13882	220157.92646	303° 12' 55.69"
	933.88540	0+933.88540	198251.31288	220157.66057	303° 12' 14.72"
	934.11080	0+934.11080	198251.43630	220157.47196	303° 11' 45.66"
	934.17970	0+934.17970	198251.47403	220157.41430	303° 11' 36.78"
	934.33450	0+934.33450	198251.55877	220157.28476	303° 11' 16.82"
	934.33580	0+934.33580	198251.55948	220157.28367	303° 11' 16.66"

	934.83480	0+934.83480	198251.83256	220156.86602	303° 10' 12.33"
	934.89000	0+934.89000	198251.86276	220156.81982	303° 10' 5.21"
	936.45790	0+936.45790	198252.71991	220155.50696	303° 6' 43.08"
	936.63140	0+936.63140	198252.81468	220155.36163	303° 6' 20.72"
	936.78560	0+936.78560	198252.89890	220155.23246	303° 6' 0.84"
	937.12000	0+937.12000	198253.08149	220154.95231	303° 5' 17.73"
	937.28360	0+937.28360	198253.17079	220154.81523	303° 4' 56.64"
	937.30190	0+937.30190	198253.18078	220154.79990	303° 4' 54.28"
	937.75910	0+937.75910	198253.43028	220154.41678	303° 3' 55.34"
	937.82000	0+937.82000	198253.46351	220154.36574	303° 3' 47.49"
	938.16680	0+938.16680	198253.65268	220154.07508	303° 3' 2.78"
	938.53310	0+938.53310	198253.85242	220153.76803	303° 2' 15.56"
	938.63500	0+938.63500	198253.90797	220153.68260	303° 2' 2.42"
	938.72220	0+938.72220	198253.95550	220153.60950	303° 1' 51.18"
	938.79540	0+938.79540	198253.99540	220153.54813	303° 1' 41.74"
	938.89940	0+938.89940	198254.05209	220153.46093	303° 1' 28.34"
	939.01800	0+939.01800	198254.11672	220153.36149	303° 1' 13.05"
	939.10310	0+939.10310	198254.16309	220153.29013	303° 1' 2.08"
	939.14540	0+939.14540	198254.18614	220153.25466	303° 0' 56.62"
	939.55840	0+939.55840	198254.41113	220152.90833	303° 0' 3.38"
	939.99940	0+939.99940	198254.65127	220152.53844	302° 59' 6.53"
	940.00000	0+940.00000	198254.65159	220152.53794	302° 59' 6.45"
	940.16420	0+940.16420	198254.74098	220152.40020	302° 58' 45.28"
	940.26890	0+940.26890	198254.79797	220152.31237	302° 58' 31.79"
	940.59990	0+940.59990	198254.97810	220152.03468	302° 57' 49.12"
	940.60440	0+940.60440	198254.98055	220152.03090	302° 57' 48.54"
	940.71600	0+940.71600	198255.04127	220151.93726	302° 57' 34.15"
	940.71690	0+940.71690	198255.04175	220151.93651	302° 57' 34.03"
	941.07720	0+941.07720	198255.23774	220151.63417	302° 56' 47.58"
	941.11710	0+941.11710	198255.25944	220151.60069	302° 56' 42.44"
	941.67140	0+941.67140	198255.56081	220151.13547	302° 55' 30.98"
	941.95130	0+941.95130	198255.71292	220150.90052	302° 54' 54.90"
	942.01620	0+942.01620	198255.74819	220150.84604	302° 54' 46.53"
	942.13040	0+942.13040	198255.81024	220150.75016	302° 54' 31.81"
	942.25660	0+942.25660	198255.87880	220150.64421	302° 54' 15.54"
	942.42280	0+942.42280	198255.96908	220150.50467	302° 53' 54.12"
	942.50010	0+942.50010	198256.01106	220150.43976	302° 53' 44.15"
	942.53190	0+942.53190	198256.02833	220150.41306	302° 53' 40.05"
	942.74110	0+942.74110	198256.14194	220150.23740	302° 53' 13.08"
	942.84690	0+942.84690	198256.19938	220150.14855	302° 52' 59.44"
	942.94040	0+942.94040	198256.25014	220150.07003	302° 52' 47.39"
	942.98750	0+942.98750	198256.27571	220150.03047	302° 52' 41.32"
	943.19180	0+943.19180	198256.38661	220149.85889	302° 52' 14.98"
	943.25530	0+943.25530	198256.42107	220149.80555	302° 52' 6.79"
	943.51080	0+943.51080	198256.55972	220149.59094	302° 51' 33.86"

부산외곽순환 고속도로 건설공사 실시설계

	943.70750	0+943.70750	198256.66643	220149.42571	302° 51' 8.50"
	943.90240	0+943.90240	198256.77215	220149.26197	302° 50' 43.37"
	944.08510	0+944.08510	198256.87123	220149.10847	302° 50' 19.82"
	944.20330	0+944.20330	198256.93533	220149.00916	302° 50' 4.58"
	944.23470	0+944.23470	198256.95235	220148.98278	302° 50' 0.53"
	944.86970	0+944.86970	198257.29654	220148.44915	302° 48' 38.67"
	944.94040	0+944.94040	198257.33485	220148.38973	302° 48' 29.56"
	944.99110	0+944.99110	198257.36232	220148.34711	302° 48' 23.02"
	945.07080	0+945.07080	198257.40550	220148.28012	302° 48' 12.75"
	945.32290	0+945.32290	198257.54206	220148.06822	302° 47' 40.25"
	945.34650	0+945.34650	198257.55484	220148.04838	302° 47' 37.21"
	945.59620	0+945.59620	198257.69007	220147.83846	302° 47' 5.02"
	945.72150	0+945.72150	198257.75791	220147.73312	302° 46' 48.86"
	945.86470	0+945.86470	198257.83544	220147.61272	302° 46' 30.40"
	946.12220	0+946.12220	198257.97482	220147.39620	302° 45' 57.21"
	946.24000	0+946.24000	198258.03857	220147.29714	302° 45' 42.02"
	946.33300	0+946.33300	198258.08889	220147.21893	302° 45' 30.03"
	946.38200	0+946.38200	198258.11540	220147.17773	302° 45' 23.71"
	946.77150	0+946.77150	198258.32611	220146.85014	302° 44' 33.50"
	947.00990	0+947.00990	198258.45504	220146.64961	302° 44' 2.77"
	947.08080	0+947.08080	198258.49338	220146.58997	302° 43' 53.63"
	947.11650	0+947.11650	198258.51268	220146.55994	302° 43' 49.03"
	947.27150	0+947.27150	198258.59648	220146.42954	302° 43' 29.04"
	947.66360	0+947.66360	198258.80841	220146.09965	302° 42' 38.50"
	947.81230	0+947.81230	198258.88876	220145.97453	302° 42' 19.33"
	948.32800	0+948.32800	198259.16733	220145.54055	302° 41' 12.84"
	948.62440	0+948.62440	198259.32738	220145.29107	302° 40' 34.63"
	948.64460	0+948.64460	198259.33829	220145.27407	302° 40' 32.03"
	948.83970	0+948.83970	198259.44361	220145.10984	302° 40' 6.88"
	948.89940	0+948.89940	198259.47583	220145.05958	302° 39' 59.18"
	949.15860	0+949.15860	198259.61572	220144.84137	302° 39' 25.77"
	949.20610	0+949.20610	198259.64135	220144.80138	302° 39' 19.64"
	949.31650	0+949.31650	198259.70091	220144.70843	302° 39' 5.41"
	949.60600	0+949.60600	198259.85709	220144.46466	302° 38' 28.09"
	950.19350	0+950.19350	198260.17388	220143.96989	302° 37' 12.35"
	950.49840	0+950.49840	198260.33821	220143.71307	302° 36' 33.05"
	950.49880	0+950.49880	198260.33843	220143.71273	302° 36' 32.99"
	951.22820	0+951.22820	198260.73137	220143.09822	302° 34' 58.96"
	951.87870	0+951.87870	198261.08156	220142.55003	302° 33' 35.10"
	952.43550	0+952.43550	198261.38114	220142.08069	302° 32' 23.32"
	952.63380	0+952.63380	198261.48779	220141.91351	302° 31' 57.76"
	952.63410	0+952.63410	198261.48795	220141.91326	302° 31' 57.72"
	952.69340	0+952.69340	198261.51984	220141.86326	302° 31' 50.08"
	952.85170	0+952.85170	198261.60496	220141.72980	302° 31' 29.67"
	952.85220	0+952.85220	198261.60523	220141.72937	302° 31' 29.60"

	952.93440	0+952.93440	198261.64943	220141.66007	302° 31' 19.01"
	952.93470	0+952.93470	198261.64959	220141.65981	302° 31' 18.97"
	953.96350	0+953.96350	198262.20241	220140.79217	302° 29' 6.34"
	953.96380	0+953.96380	198262.20258	220140.79191	302° 29' 6.30"
	954.47420	0+954.47420	198262.47663	220140.36133	302° 28' 0.50"
	954.63270	0+954.63270	198262.56171	220140.22760	302° 27' 40.07"
	954.63300	0+954.63300	198262.56187	220140.22735	302° 27' 40.03"
	954.83860	0+954.83860	198262.67221	220140.05386	302° 27' 13.53"
	954.99820	0+954.99820	198262.75785	220139.91918	302° 26' 52.95"
	955.24800	0+955.24800	198262.89186	220139.70837	302° 26' 20.75"
	955.48390	0+955.48390	198263.01838	220139.50927	302° 25' 50.34"
	955.70010	0+955.70010	198263.13431	220139.32678	302° 25' 22.47"
	955.70040	0+955.70040	198263.13447	220139.32653	302° 25' 22.43"
	956.40670	0+956.40670	198263.51304	220138.73025	302° 23' 51.37"
	956.53600	0+956.53600	198263.58231	220138.62107	302° 23' 34.71"
	956.68310	0+956.68310	198263.66111	220138.49686	302° 23' 15.74"
	956.73850	0+956.73850	198263.69078	220138.45008	302° 23' 8.60"
	956.92990	0+956.92990	198263.79329	220138.28844	302° 22' 43.93"
	957.02130	0+957.02130	198263.84223	220138.21125	302° 22' 32.14"
	957.15670	0+957.15670	198263.91473	220138.09689	302° 22' 14.69"
	957.18280	0+957.18280	198263.92870	220138.07485	302° 22' 11.32"
	957.31510	0+957.31510	198263.99953	220137.96310	302° 21' 54.27"
	957.56280	0+957.56280	198264.13211	220137.75387	302° 21' 22.34"
	957.90680	0+957.90680	198264.31618	220137.46326	302° 20' 37.99"
	958.18350	0+958.18350	198264.46420	220137.22948	302° 20' 2.32"
	958.31570	0+958.31570	198264.53490	220137.11777	302° 19' 45.27"
	958.52270	0+958.52270	198264.64559	220136.94285	302° 19' 18.59"
	958.62730	0+958.62730	198264.70151	220136.85446	302° 19' 5.10"
	958.82850	0+958.82850	198264.80907	220136.68442	302° 18' 39.17"
	958.88600	0+958.88600	198264.83980	220136.63582	302° 18' 31.75"
	958.98560	0+958.98560	198264.89303	220136.55164	302° 18' 18.91"
	959.32080	0+959.32080	198265.07214	220136.26831	302° 17' 35.70"
	959.50360	0+959.50360	198265.16980	220136.11378	302° 17' 12.14"
	959.65650	0+959.65650	198265.25146	220135.98451	302° 16' 52.42"
	959.66970	0+959.66970	198265.25851	220135.97335	302° 16' 50.72"
	959.71720	0+959.71720	198265.28388	220135.93319	302° 16' 44.60"
	960.00000	0+960.00000	198265.43489	220135.69409	302° 16' 8.14"
	960.35540	0+960.35540	198265.62460	220135.39356	302° 15' 22.33"
	960.36370	0+960.36370	198265.62903	220135.38654	302° 15' 21.26"
	960.94310	0+960.94310	198265.93817	220134.89650	302° 14' 6.56"
	961.05430	0+961.05430	198265.99748	220134.80244	302° 13' 52.23"
	961.11190	0+961.11190	198266.02820	220134.75371	302° 13' 44.80"
	961.43120	0+961.43120	198266.19845	220134.48359	302° 13' 3.64"
	961.51930	0+961.51930	198266.24542	220134.40905	302° 12' 52.28"
	961.83460	0+961.83460	198266.41348	220134.14228	302° 12' 11.63"

부산외곽순환 고속도로 건설공사 실시설계

	961.89120	0+961.89120	198266.44364	220134.09438	302° 12' 4.34"
	961.93240	0+961.93240	198266.46560	220134.05952	302° 11' 59.03"
	962.00390	0+962.00390	198266.50369	220133.99902	302° 11' 49.81"
	962.09410	0+962.09410	198266.55175	220133.92269	302° 11' 38.18"
	962.22010	0+962.22010	198266.61888	220133.81606	302° 11' 21.94"
	962.31470	0+962.31470	198266.66927	220133.73599	302° 11' 9.74"
	962.39050	0+962.39050	198266.70965	220133.67184	302° 10' 59.97"
	962.60580	0+962.60580	198266.82431	220133.48962	302° 10' 32.21"
	962.63300	0+962.63300	198266.83880	220133.46659	302° 10' 28.71"
	962.68290	0+962.68290	198266.86537	220133.42436	302° 10' 22.28"
	962.82080	0+962.82080	198266.93879	220133.30763	302° 10' 4.50"
	962.88580	0+962.88580	198266.97340	220133.25261	302° 9' 56.12"
	963.60310	0+963.60310	198267.35513	220132.64532	302° 8' 23.65"
	963.66280	0+963.66280	198267.38689	220132.59476	302° 8' 15.95"
	963.69080	0+963.69080	198267.40178	220132.57105	302° 8' 12.34"
	963.73190	0+963.73190	198267.42364	220132.53625	302° 8' 7.04"
	963.86260	0+963.86260	198267.49316	220132.42557	302° 7' 50.19"
	963.88250	0+963.88250	198267.50374	220132.40872	302° 7' 47.63"
	963.95610	0+963.95610	198267.54289	220132.34639	302° 7' 38.14"
	963.96180	0+963.96180	198267.54592	220132.34156	302° 7' 37.41"
	964.22260	0+964.22260	198267.68459	220132.12069	302° 7' 3.78"
	964.25820	0+964.25820	198267.70352	220132.09054	302° 6' 59.19"
	964.26340	0+964.26340	198267.70628	220132.08613	302° 6' 58.52"
	964.30000	0+964.30000	198267.72574	220132.05513	302° 6' 53.81"
	964.34750	0+964.34750	198267.75099	220132.01490	302° 6' 47.68"
	964.80610	0+964.80610	198267.99473	220131.62643	302° 5' 48.56"
	964.93070	0+964.93070	198268.06093	220131.52088	302° 5' 32.50"
	964.96820	0+964.96820	198268.08085	220131.48911	302° 5' 27.66"
	965.01160	0+965.01160	198268.10391	220131.45234	302° 5' 22.07"
	965.13980	0+965.13980	198268.17201	220131.34372	302° 5' 5.54"
	965.14920	0+965.14920	198268.17700	220131.33576	302° 5' 4.33"
	965.19070	0+965.19070	198268.19904	220131.30059	302° 4' 58.98"
	965.35200	0+965.35200	198268.28471	220131.16392	302° 4' 38.19"
	965.60000	0+965.60000	198268.41640	220130.95378	302° 4' 6.22"
	965.81110	0+965.81110	198268.52847	220130.77488	302° 3' 39.00"
	965.82460	0+965.82460	198268.53563	220130.76344	302° 3' 37.26"
	965.84210	0+965.84210	198268.54492	220130.74861	302° 3' 35.01"
	965.90560	0+965.90560	198268.57863	220130.69479	302° 3' 26.82"
	966.09920	0+966.09920	198268.68137	220130.53070	302° 3' 1.86"
	966.12590	0+966.12590	198268.69554	220130.50807	302° 2' 58.42"
	966.14170	0+966.14170	198268.70393	220130.49468	302° 2' 56.38"
	966.19180	0+966.19180	198268.73051	220130.45222	302° 2' 49.92"
	966.40350	0+966.40350	198268.84283	220130.27277	302° 2' 22.63"
	966.50750	0+966.50750	198268.89800	220130.18461	302° 2' 9.22"
	966.81620	0+966.81620	198269.06173	220129.92290	302° 1' 29.43"

	966.93720	0+966.93720	198269.12589	220129.82032	302° 1' 13.83"
	967.55710	0+967.55710	198269.45447	220129.29466	301° 59' 53.92"
	967.70550	0+967.70550	198269.53310	220129.16881	301° 59' 34.78"
	967.79490	0+967.79490	198269.58046	220129.09299	301° 59' 23.26"
	967.81010	0+967.81010	198269.58852	220129.08009	301° 59' 21.30"
	968.15400	0+968.15400	198269.77067	220128.78840	301° 58' 36.97"
	968.32560	0+968.32560	198269.86154	220128.64283	301° 58' 14.84"
	968.34050	0+968.34050	198269.86943	220128.63019	301° 58' 12.92"
	968.40000	0+968.40000	198269.90093	220128.57971	301° 58' 5.25"
	968.44630	0+968.44630	198269.92544	220128.54044	301° 57' 59.28"
	968.60750	0+968.60750	198270.01078	220128.40368	301° 57' 38.50"
	968.60770	0+968.60770	198270.01088	220128.40351	301° 57' 38.48"
	969.02400	0+969.02400	198270.23120	220128.05028	301° 56' 44.81"
	969.36480	0+969.36480	198270.41149	220127.76108	301° 56' 0.87"
	969.36500	0+969.36500	198270.41160	220127.76091	301° 56' 0.85"
	969.49030	0+969.49030	198270.47787	220127.65457	301° 55' 44.70"
	969.51700	0+969.51700	198270.49199	220127.63191	301° 55' 41.25"
	969.72990	0+969.72990	198270.60457	220127.45121	301° 55' 13.81"
	970.37710	0+970.37710	198270.94666	220126.90181	301° 53' 50.37"
	970.40770	0+970.40770	198270.96283	220126.87583	301° 53' 46.43"
	970.51810	0+970.51810	198271.02116	220126.78210	301° 53' 32.20"
	970.65110	0+970.65110	198271.09142	220126.66917	301° 53' 15.05"
	970.65130	0+970.65130	198271.09153	220126.66900	301° 53' 15.02"
	971.32990	0+971.32990	198271.44988	220126.09274	301° 51' 47.54"
	971.43570	0+971.43570	198271.50573	220126.00288	301° 51' 33.90"
	971.54700	0+971.54700	198271.56447	220125.90834	301° 51' 19.56"
	971.54720	0+971.54720	198271.56458	220125.90817	301° 51' 19.53"
	971.58000	0+971.58000	198271.58189	220125.88031	301° 51' 15.30"
	972.09700	0+972.09700	198271.85467	220125.44113	301° 50' 8.65"
	972.47150	0+972.47150	198272.05218	220125.12295	301° 49' 20.37"
	972.57930	0+972.57930	198272.10902	220125.03135	301° 49' 6.48"
	972.59130	0+972.59130	198272.11534	220125.02115	301° 49' 4.93"
	972.75480	0+972.75480	198272.20154	220124.88222	301° 48' 43.85"
	972.94890	0+972.94890	198272.30384	220124.71727	301° 48' 18.83"
	973.14050	0+973.14050	198272.40481	220124.55443	301° 47' 54.13"
	973.33900	0+973.33900	198272.50940	220124.38572	301° 47' 28.54"
	973.53910	0+973.53910	198272.61481	220124.21563	301° 47' 2.74"
	973.93900	0+973.93900	198272.82540	220123.87568	301° 46' 11.19"
	974.29840	0+974.29840	198273.01459	220123.57010	301° 45' 24.86"
	974.51370	0+974.51370	198273.12790	220123.38703	301° 44' 57.10"
	974.68170	0+974.68170	198273.21629	220123.24416	301° 44' 35.44"
	974.74060	0+974.74060	198273.24728	220123.19407	301° 44' 27.85"
	974.96090	0+974.96090	198273.36316	220123.00672	301° 43' 59.45"
	975.40850	0+975.40850	198273.59853	220122.62600	301° 43' 1.75"
	975.57690	0+975.57690	198273.68705	220122.48274	301° 42' 40.04"

부산외곽순환 고속도로 건설공사 실시설계

	975.61000	0+975.61000	198273.70445	220122.45458	301° 42' 35.77"
	975.71550	0+975.71550	198273.75990	220122.36483	301° 42' 22.17"
	975.98580	0+975.98580	198273.90194	220122.13486	301° 41' 47.33"
	976.23760	0+976.23760	198274.03423	220121.92061	301° 41' 14.86"
	976.75960	0+976.75960	198274.30835	220121.47638	301° 40' 7.57"
	977.23280	0+977.23280	198274.55673	220121.07360	301° 39' 6.57"
	977.26960	0+977.26960	198274.57604	220121.04228	301° 39' 1.82"
	977.38660	0+977.38660	198274.63743	220120.94268	301° 38' 46.74"
	977.57030	0+977.57030	198274.73380	220120.78629	301° 38' 23.06"
	977.68610	0+977.68610	198274.79454	220120.68770	301° 38' 8.13"
	977.76610	0+977.76610	198274.83650	220120.61958	301° 37' 57.82"
	977.80000	0+977.80000	198274.85428	220120.59072	301° 37' 53.45"
	977.90760	0+977.90760	198274.91071	220120.49910	301° 37' 39.58"
	978.28960	0+978.28960	198275.11099	220120.17381	301° 36' 50.33"
	978.40600	0+978.40600	198275.17200	220120.07469	301° 36' 35.32"
	978.54150	0+978.54150	198275.24302	220119.95929	301° 36' 17.86"
	978.97310	0+978.97310	198275.46915	220119.59167	301° 35' 22.22"
	979.07190	0+979.07190	198275.52090	220119.50751	301° 35' 9.48"
	979.33360	0+979.33360	198275.65796	220119.28457	301° 34' 35.74"
	979.37000	0+979.37000	198275.67702	220119.25356	301° 34' 31.05"
	979.43420	0+979.43420	198275.71063	220119.19886	301° 34' 22.77"
	979.48590	0+979.48590	198275.73770	220119.15481	301° 34' 16.11"
	979.64940	0+979.64940	198275.82330	220119.01551	301° 33' 55.03"
	979.80020	0+979.80020	198275.90223	220118.88702	301° 33' 35.59"
	979.80460	0+979.80460	198275.90453	220118.88327	301° 33' 35.02"
	980.00000	0+980.00000	198276.00679	220118.71676	301° 33' 9.83"
	980.03100	0+980.03100	198276.02301	220118.69034	301° 33' 5.84"
	980.22350	0+980.22350	198276.12373	220118.52630	301° 32' 41.02"
	980.35100	0+980.35100	198276.19043	220118.41763	301° 32' 24.58"
	980.39510	0+980.39510	198276.21350	220118.38005	301° 32' 18.90"
	980.46630	0+980.46630	198276.25074	220118.31936	301° 32' 9.72"
	980.51100	0+980.51100	198276.27412	220118.28126	301° 32' 3.96"
	980.62840	0+980.62840	198276.33552	220118.18120	301° 31' 48.82"
	980.97110	0+980.97110	198276.51470	220117.88908	301° 31' 4.64"
	981.07900	0+981.07900	198276.57111	220117.79709	301° 30' 50.73"
	981.11400	0+981.11400	198276.58940	220117.76725	301° 30' 46.22"
	981.32640	0+981.32640	198276.70041	220117.58617	301° 30' 18.84"
	981.33210	0+981.33210	198276.70339	220117.58131	301° 30' 18.10"
	981.51150	0+981.51150	198276.79713	220117.42835	301° 29' 54.98"
	981.55270	0+981.55270	198276.81865	220117.39322	301° 29' 49.67"
	981.72450	0+981.72450	198276.90840	220117.24673	301° 29' 27.52"
	981.78560	0+981.78560	198276.94032	220117.19462	301° 29' 19.64"
	981.87270	0+981.87270	198276.98581	220117.12035	301° 29' 8.41"
	981.93700	0+981.93700	198277.01939	220117.06552	301° 29' 0.12"
	982.12370	0+982.12370	198277.11689	220116.90629	301° 28' 36.05"

	982.39340	0-982.39340	198277.25769	220116.67627	301° 28' 1.29"
	982.51920	0-982.51920	198277.32336	220116.56897	301° 27' 45.07"
	982.56900	0+982.56900	198277.34935	220116.52649	301° 27' 38.65"
	982.59650	0+982.59650	198277.36370	220116.50303	301° 27' 35.10"
	982.64500	0+982.64500	198277.38901	220116.46166	301° 27' 28.85"
	982.67530	0+982.67530	198277.40483	220116.43581	301° 27' 24.94"
	982.80000	0+982.80000	198277.46990	220116.32943	301° 27' 8.87"
	983.13880	0+983.13880	198277.64665	220116.04040	301° 26' 25.19"
	983.15860	0-983.15860	198277.65698	220116.02350	301° 26' 22.64"
	983.29810	0-983.29810	198277.72974	220115.90448	301° 26' 4.66"
	983.41500	0+983.41500	198277.79070	220115.80473	301° 25' 49.59"
	983.52780	0+983.52780	198277.84952	220115.70848	301° 25' 35.04"
	983.53390	0+983.53390	198277.85270	220115.70328	301° 25' 34.26"
	983.62810	0+983.62810	198277.90181	220115.62289	301° 25' 22.11"
	983.77230	0-983.77230	198277.97698	220115.49984	301° 25' 3.52"
	983.94550	0+983.94550	198278.06726	220115.35203	301° 24' 41.20"
	983.95370	0+983.95370	198278.07153	220115.34503	301° 24' 40.14"
	984.02370	0-984.02370	198278.10801	220115.28529	301° 24' 31.12"
	984.10000	0+984.10000	198278.14777	220115.22016	301° 24' 21.28"
	984.18690	0+984.18690	198278.19306	220115.14599	301° 24' 10.08"
	984.19730	0+984.19730	198278.19848	220115.13712	301° 24' 8.74"
	984.25440	0+984.25440	198278.22823	220115.08838	301° 24' 1.37"
	984.67840	0+984.67840	198278.44909	220114.72645	301° 23' 6.71"
	984.68810	0+984.68810	198278.45414	220114.71817	301° 23' 5.46"
	984.86730	0+984.86730	198278.54746	220114.56518	301° 22' 42.36"
	984.89880	0-984.89880	198278.56386	220114.53829	301° 22' 38.30"
	984.98150	0+984.98150	198278.60692	220114.46768	301° 22' 27.64"
	985.33430	0+985.33430	198278.79056	220114.16644	301° 21' 42.16"
	985.50000	0+985.50000	198278.87679	220114.02495	301° 21' 20.80"
	985.50040	0+985.50040	198278.87700	220114.02461	301° 21' 20.75"
	985.77520	0+985.77520	198279.01997	220113.78993	301° 20' 45.32"
	986.00340	0+986.00340	198279.13867	220113.59503	301° 20' 15.90"
	986.04160	0+986.04160	198279.15853	220113.56240	301° 20' 10.98"
	986.04170	0-986.04170	198279.15858	220113.56232	301° 20' 10.96"
	986.04430	0+986.04430	198279.15994	220113.56009	301° 20' 10.63"
	986.04470	0+986.04470	198279.16014	220113.55975	301° 20' 10.58"
	986.05220	0+986.05220	198279.16404	220113.55335	301° 20' 9.61"
	986.13810	0+986.13810	198279.20872	220113.47998	301° 19' 58.54"
	986.21370	0+986.21370	198279.24303	220113.41540	301° 19' 48.79"
	986.34290	0+986.34290	198279.31520	220113.30504	301° 19' 32.13"
	986.35170	0+986.35170	198279.31978	220113.29752	301° 19' 31.00"
	986.55900	0-986.55900	198279.42754	220113.12043	301° 19' 4.28"
	986.61190	0+986.61190	198279.45504	220113.07524	301° 18' 57.46"
	986.67290	0+986.67290	198279.48674	220113.02312	301° 18' 49.59"
	986.70770	0-986.70770	198279.50483	220112.99339	301° 18' 45.11"

부산외곽순환 고속도로 건설공사 실시설계

	986.88670	0+986.88670	198279.59785	220112.84046	301° 18' 22.03"
	987.45040	0+987.45040	198279.89067	220112.35878	301° 17' 9.36"
	987.51300	0+987.51300	198279.92317	220112.30528	301° 17' 1.29"
	987.69750	0+987.69750	198280.01897	220112.14760	301° 16' 37.51"
	987.74530	0+987.74530	198280.04379	220112.10675	301° 16' 31.34"
	987.80310	0+987.80310	198280.07379	220112.05735	301° 16' 23.89"
	988.42350	0+988.42350	198280.39575	220111.52703	301° 15' 3.91"
	988.44180	0+988.44180	198280.40525	220111.51139	301° 15' 1.55"
	988.50170	0+988.50170	198280.43632	220111.46018	301° 14' 53.83"
	988.53740	0+988.53740	198280.45484	220111.42965	301° 14' 49.23"
	988.57380	0+988.57380	198280.47372	220111.39853	301° 14' 44.54"
	988.57390	0+988.57390	198280.47377	220111.39845	301° 14' 44.52"
	988.57680	0+988.57680	198280.47528	220111.39597	301° 14' 44.15"
	988.57720	0+988.57720	198280.47548	220111.39563	301° 14' 44.10"
	988.61270	0+988.61270	198280.49390	220111.36528	301° 14' 39.52"
	988.67620	0+988.67620	198280.52683	220111.31099	301° 14' 31.34"
	988.68590	0+988.68590	198280.53186	220111.30269	301° 14' 30.09"
	989.00900	0+989.00900	198280.69941	220111.02643	301° 13' 48.43"
	989.12170	0+989.12170	198280.75784	220110.93006	301° 13' 33.90"
	989.27900	0+989.27900	198280.83938	220110.79554	301° 13' 13.63"
	989.30390	0+989.30390	198280.85229	220110.77425	301° 13' 10.42"
	989.37130	0+989.37130	198280.88722	220110.71661	301° 13' 1.73"
	989.60130	0+989.60130	198281.00641	220110.51990	301° 12' 32.08"
	989.81050	0+989.81050	198281.11480	220110.34097	301° 12' 5.11"
	989.87480	0+989.87480	198281.14811	220110.28597	301° 11' 56.82"
	990.05990	0+990.05990	198281.24398	220110.12763	301° 11' 32.96"
	990.06290	0+990.06290	198281.24554	220110.12507	301° 11' 32.57"
	990.17540	0+990.17540	198281.30380	220110.02883	301° 11' 18.07"
	990.23430	0+990.23430	198281.33430	220109.97844	301° 11' 10.47"
	990.32320	0+990.32320	198281.38033	220109.90239	301° 10' 59.01"
	990.37350	0+990.37350	198281.40638	220109.85936	301° 10' 52.53"
	990.38120	0+990.38120	198281.41036	220109.85277	301° 10' 51.53"
	990.43450	0+990.43450	198281.43796	220109.80717	301° 10' 44.66"
	990.55670	0+990.55670	198281.50122	220109.70262	301° 10' 28.91"
	990.64140	0+990.64140	198281.54506	220109.63015	301° 10' 17.99"
	990.64820	0+990.64820	198281.54858	220109.62433	301° 10' 17.11"
	990.65500	0+990.65500	198281.55210	220109.61851	301° 10' 16.24"
	990.94620	0+990.94620	198281.70280	220109.36934	301° 9' 38.70"
	991.08680	0+991.08680	198281.77535	220109.24902	301° 9' 20.57"
	991.13380	0+991.13380	198281.79986	220109.20880	301° 9' 14.51"
	991.15710	0+991.15710	198281.81192	220109.18886	301° 9' 11.51"
	991.16880	0+991.16880	198281.81797	220109.17885	301° 9' 10.00"
	991.20630	0+991.20630	198281.83737	220109.14675	301° 9' 5.17"
	991.36200	0+991.36200	198281.91791	220109.01350	301° 8' 45.09"
	991.70080	0+991.70080	198282.09311	220108.72352	301° 8' 1.42"

	991.83210	0+991.83210	198282.16099	220108.61113	301° 7' 44.49"
	991.93820	0+991.93820	198282.21584	220108.52031	301° 7' 30.81"
	992.00970	0+992.00970	198282.25280	220108.45910	301° 7' 21.60"
	992.02700	0+992.02700	198282.26174	220108.44429	301° 7' 19.37"
	992.06660	0+992.06660	198282.28221	220108.41039	301° 7' 14.26"
	992.08020	0+992.08020	198282.28924	220108.39874	301° 7' 12.51"
	992.20510	0+992.20510	198282.35378	220108.29182	301° 6' 56.41"
	992.32090	0+992.32090	198282.41362	220108.19268	301° 6' 41.48"
	992.33450	0+992.33450	198282.42065	220108.18103	301° 6' 39.72"
	992.36730	0+992.36730	198282.43760	220108.15295	301° 6' 35.50"
	992.36740	0+992.36740	198282.43765	220108.15286	301° 6' 35.48"
	992.36990	0+992.36990	198282.43894	220108.15072	301° 6' 35.16"
	992.39480	0+992.39480	198282.45181	220108.12940	301° 6' 31.95"
	992.48080	0+992.48080	198282.49624	220108.05577	301° 6' 20.86"
	992.53940	0+992.53940	198282.52651	220108.00560	301° 6' 13.31"
	992.60660	0+992.60660	198282.56122	220107.94806	301° 6' 4.65"
	992.77780	0+992.77780	198282.64965	220107.80146	301° 5' 42.58"
	992.79990	0+992.79990	198282.66106	220107.78254	301° 5' 39.73"
	992.86100	0+992.86100	198282.69262	220107.73021	301° 5' 31.85"
	992.91830	0+992.91830	198282.72221	220107.68115	301° 5' 24.46"
	992.92030	0+992.92030	198282.72324	220107.67943	301° 5' 24.21"
	993.12140	0+993.12140	198282.82707	220107.50721	301° 4' 58.28"
	993.12620	0+993.12620	198282.82955	220107.50310	301° 4' 57.66"
	993.13310	0+993.13310	198282.83311	220107.49719	301° 4' 56.77"
	993.13490	0+993.13490	198282.83404	220107.49565	301° 4' 56.54"
	993.31260	0+993.31260	198282.92578	220107.34346	301° 4' 33.63"
	993.40620	0+993.40620	198282.97409	220107.26329	301° 4' 21.57"
	993.41320	0+993.41320	198282.97770	220107.25730	301° 4' 20.66"
	993.53810	0+993.53810	198283.04216	220107.15031	301° 4' 4.56"
	993.72340	0+993.72340	198283.13778	220106.99159	301° 3' 40.67"
	993.73900	0+993.73900	198283.14582	220106.97823	301° 3' 38.66"
	993.92300	0+993.92300	198283.24075	220106.82060	301° 3' 14.94"
	993.94270	0+993.94270	198283.25091	220106.80373	301° 3' 12.40"
	994.02310	0+994.02310	198283.29238	220106.73485	301° 3' 2.04"
	994.26130	0+994.26130	198283.41523	220106.53077	301° 2' 31.33"
	994.34270	0+994.34270	198283.45720	220106.46103	301° 2' 20.84"
	994.47360	0+994.47360	198283.52469	220106.34887	301° 2' 3.96"
	994.64100	0+994.64100	198283.61099	220106.20542	301° 1' 42.38"
	994.75360	0+994.75360	198283.66903	220106.10893	301° 1' 27.86"
	994.83050	0+994.83050	198283.70866	220106.04303	301° 1' 17.95"
	994.88410	0+994.88410	198283.73628	220105.99710	301° 1' 11.04"
	994.88420	0+994.88420	198283.73634	220105.99701	301° 1' 11.03"
	994.88670	0+994.88670	198283.73762	220105.99487	301° 1' 10.71"
	995.03020	0+995.03020	198283.81157	220105.87189	301° 0' 52.21"
	995.06690	0+995.06690	198283.83048	220105.84044	301° 0' 47.48"

부산외곽순환 고속도로 건설공사 실시설계

	995.07650	0+995.07650	198283.83542	220105.83221	301° 0' 46.24"
	995.19800	0+995.19800	198283.89802	220105.72807	301° 0' 30.57"
	995.19810	0+995.19810	198283.89807	220105.72799	301° 0' 30.56"
	995.20070	0+995.20070	198283.89941	220105.72576	301° 0' 30.23"
	995.31550	0+995.31550	198283.95855	220105.62736	301° 0' 15.43"
	995.33540	0+995.33540	198283.96880	220105.61031	301° 0' 12.86"
	995.34230	0+995.34230	198283.97235	220105.60439	301° 0' 11.97"
	995.42120	0+995.42120	198284.01299	220105.53676	301° 0' 1.80"
	995.44520	0+995.44520	198284.02535	220105.51619	300° 59' 58.71"
	995.49970	0+995.49970	198284.05342	220105.46947	300° 59' 51.68"
	995.62260	0+995.62260	198284.11671	220105.36412	300° 59' 35.84"
	995.68800	0+995.68800	198284.15039	220105.30806	300° 59' 27.41"
	995.70830	0+995.70830	198284.16084	220105.29066	300° 59' 24.79"
	995.70860	0+995.70860	198284.16099	220105.29040	300° 59' 24.75"
	995.76780	0+995.76780	198284.19147	220105.23965	300° 59' 17.12"
	995.89710	0+995.89710	198284.25804	220105.12880	300° 59' 0.45"
	995.98960	0+995.98960	198284.30566	220105.04950	300° 58' 48.53"
	996.28090	0+996.28090	198284.45558	220104.79974	300° 58' 10.97"
	996.40740	0+996.40740	198284.52067	220104.69127	300° 57' 54.66"
	996.61440	0+996.61440	198284.62716	220104.51377	300° 57' 27.98"
	996.62760	0+996.62760	198284.63395	220104.50245	300° 57' 26.28"
	996.80390	0+996.80390	198284.72463	220104.35126	300° 57' 3.55"
	996.89560	0+996.89560	198284.77179	220104.27261	300° 56' 51.73"
	997.05350	0+997.05350	198284.85299	220104.13719	300° 56' 31.37"
	997.10860	0+997.10860	198284.88132	220104.08993	300° 56' 24.27"
	997.10870	0+997.10870	198284.88137	220104.08984	300° 56' 24.26"
	997.11130	0+997.11130	198284.88270	220104.08761	300° 56' 23.92"
	997.23580	0+997.23580	198284.94671	220103.98083	300° 56' 7.87"
	997.28420	0+997.28420	198284.97159	220103.93931	300° 56' 1.63"
	997.37030	0+997.37030	198285.01585	220103.86546	300° 55' 50.53"
	997.39220	0+997.39220	198285.02711	220103.84667	300° 55' 47.71"
	997.40170	0+997.40170	198285.03199	220103.83852	300° 55' 46.48"
	997.40180	0+997.40180	198285.03204	220103.83844	300° 55' 46.47"
	997.50880	0+997.50880	198285.08703	220103.74665	300° 55' 32.68"
	997.54230	0+997.54230	198285.10425	220103.71791	300° 55' 28.36"
	997.64270	0+997.64270	198285.15584	220103.63178	300° 55' 15.41"
	997.67250	0+997.67250	198285.17116	220103.60622	300° 55' 11.57"
	997.73680	0+997.73680	198285.20419	220103.55105	300° 55' 3.28"
	997.74110	0+997.74110	198285.20640	220103.54737	300° 55' 2.73"
	997.79180	0+997.79180	198285.23245	220103.50387	300° 54' 56.19"
	997.79190	0+997.79190	198285.23250	220103.50378	300° 54' 56.18"
	997.85620	0+997.85620	198285.26554	220103.44862	300° 54' 47.89"
	997.94940	0+997.94940	198285.31342	220103.36866	300° 54' 35.88"
	997.98910	0+997.98910	198285.33381	220103.33459	300° 54' 30.76"
	997.99140	0+997.99140	198285.33499	220103.33262	300° 54' 30.46"

	998.07360	0+998.07360	198285.37721	220103.26209	300° 54' 19.87"
	998.28590	0+998.28590	198285.48624	220103.07993	300° 53' 52.50"
	998.34250	0+998.34250	198285.51531	220103.03136	300° 53' 45.20"
	998.36710	0+998.36710	198285.52794	220103.01025	300° 53' 42.03"
	998.42280	0+998.42280	198285.55654	220102.96245	300° 53' 34.85"
	998.51050	0+998.51050	198285.60156	220102.88720	300° 53' 23.54"
	998.61570	0+998.61570	198285.65557	220102.79692	300° 53' 9.98"
	998.63350	0+998.63350	198285.66471	220102.78164	300° 53' 7.69"
	998.63640	0+998.63640	198285.66620	220102.77915	300° 53' 7.31"
	998.82960	0+998.82960	198285.76536	220102.61334	300° 52' 42.41"
	998.95910	0+998.95910	198285.83182	220102.50219	300° 52' 25.71"
	999.12540	0+999.12540	198285.91715	220102.35945	300° 52' 4.27"
	999.22180	0+999.22180	198285.96660	220102.27671	300° 51' 51.84"
	999.36220	0+999.36220	198286.03862	220102.15619	300° 51' 33.74"
	999.42550	0+999.42550	198286.07109	220102.10185	300° 51' 25.58"
	999.56740	0+999.56740	198286.14387	220101.98003	300° 51' 7.29"
	999.57580	0+999.57580	198286.14817	220101.97282	300° 51' 6.21"
	999.62130	0+999.62130	198286.17151	220101.93376	300° 51' 0.34"
	999.84910	0+999.84910	198286.28831	220101.73818	300° 50' 30.98"
	999.87120	0+999.87120	198286.29964	220101.71921	300° 50' 28.13"
	999.89000	0+999.89000	198286.30928	220101.70306	300° 50' 25.70"
	1000.00000	1+ 0.00000	198286.36566	220101.60862	300° 50' 11.52"
	1000.01000	1+ 0.01000	198286.37079	220101.60003	300° 50' 10.23"
	1000.11860	1+ 0.11860	198286.42645	220101.50678	300° 49' 56.23"
	1000.22980	1+ 0.22980	198286.48344	220101.41129	300° 49' 41.90"
	1000.24500	1+ 0.24500	198286.49123	220101.39824	300° 49' 39.94"
	1000.30050	1+ 0.30050	198286.51967	220101.35058	300° 49' 32.78"
	1000.35500	1+ 0.35500	198286.54760	220101.30378	300° 49' 25.76"
	1000.36460	1+ 0.36460	198286.55252	220101.29554	300° 49' 24.52"
	1000.36470	1+ 0.36470	198286.55257	220101.29545	300° 49' 24.51"
	1000.45670	1+ 0.45670	198286.59971	220101.21645	300° 49' 12.65"
	1000.47360	1+ 0.47360	198286.60837	220101.20193	300° 49' 10.47"
	1000.50650	1+ 0.50650	198286.62522	220101.17368	300° 49' 6.23"
	1000.51190	1+ 0.51190	198286.62799	220101.16904	300° 49' 5.53"
	1000.60980	1+ 0.60980	198286.67814	220101.08496	300° 48' 52.91"
	1000.63460	1+ 0.63460	198286.69085	220101.06366	300° 48' 49.71"
	1000.70990	1+ 0.70990	198286.72942	220100.99899	300° 48' 40.01"
	1000.82680	1+ 0.82680	198286.78929	220100.89859	300° 48' 24.93"
	1000.92170	1+ 0.92170	198286.83789	220100.81708	300° 48' 12.70"
	1000.96430	1+ 0.96430	198286.85970	220100.78049	300° 48' 7.21"
	1001.04780	1+ 1.04780	198286.90246	220100.70876	300° 47' 56.44"
	1001.26320	1+ 1.26320	198287.01274	220100.52374	300° 47' 28.68"
	1001.44200	1+ 1.44200	198287.10426	220100.37013	300° 47' 5.63"
	1001.59450	1+ 1.59450	198287.18231	220100.23912	300° 46' 45.97"
	1001.61590	1+ 1.61590	198287.19326	220100.22073	300° 46' 43.21"

부산외곽순환 고속도로 건설공사 실시설계

	1001.62040	1+ 1.62040	198287.19556	220100.21687	300° 46' 42.63"
	1001.91790	1+ 1.91790	198287.34777	220099.96126	300° 46' 4.28"
	1001.91800	1+ 1.91800	198287.34782	220099.96117	300° 46' 4.26"
	1001.94590	1+ 1.94590	198287.36210	220099.93720	300° 46' 0.67"
	1001.95780	1+ 1.95780	198287.36818	220099.92697	300° 45' 59.13"
	1002.06910	1+ 2.06910	198287.42512	220099.83133	300° 45' 44.78"
	1002.10450	1+ 2.10450	198287.44322	220099.80091	300° 45' 40.22"
	1002.21340	1+ 2.21340	198287.49892	220099.70733	300° 45' 26.18"
	1002.30670	1+ 2.30670	198287.54663	220099.62716	300° 45' 14.15"
	1002.33080	1+ 2.33080	198287.55895	220099.60644	300° 45' 11.05"
	1002.35390	1+ 2.35390	198287.57076	220099.58659	300° 45' 8.07"
	1002.38650	1+ 2.38650	198287.58743	220099.55858	300° 45' 3.87"
	1002.41790	1+ 2.41790	198287.60349	220099.53159	300° 44' 59.82"
	1002.48670	1+ 2.48670	198287.63866	220099.47246	300° 44' 50.95"
	1002.56140	1+ 2.56140	198287.67685	220099.40826	300° 44' 41.32"
	1002.56470	1+ 2.56470	198287.67854	220099.40543	300° 44' 40.89"
	1002.81670	1+ 2.81670	198287.80735	220099.18883	300° 44' 8.41"
	1002.88740	1+ 2.88740	198287.84348	220099.12806	300° 43' 59.29"
	1003.11820	1+ 3.11820	198287.96141	220098.92967	300° 43' 29.54"
	1003.23040	1+ 3.23040	198288.01873	220098.83322	300° 43' 15.07"
	1003.29920	1+ 3.29920	198288.05388	220098.77407	300° 43' 6.20"
	1003.45920	1+ 3.45920	198288.13560	220098.63652	300° 42' 45.58"
	1003.46190	1+ 3.46190	198288.13698	220098.63420	300° 42' 45.23"
	1003.50950	1+ 3.50950	198288.16129	220098.59327	300° 42' 39.09"
	1003.59820	1+ 3.59820	198288.20659	220098.51701	300° 42' 27.66"
	1003.63860	1+ 3.63860	198288.22722	220098.48228	300° 42' 22.45"
	1003.70370	1+ 3.70370	198288.26046	220098.42630	300° 42' 14.06"
	1003.78860	1+ 3.78860	198288.30381	220098.35330	300° 42' 3.11"
	1003.86950	1+ 3.86950	198288.34511	220098.28374	300° 41' 52.68"
	1004.25610	1+ 4.25610	198288.54244	220097.95129	300° 41' 2.85"
	1004.30200	1+ 4.30200	198288.56586	220097.91182	300° 40' 56.93"
	1004.36810	1+ 4.36810	198288.59959	220097.85497	300° 40' 48.41"
	1004.39820	1+ 4.39820	198288.61495	220097.82908	300° 40' 44.53"
	1004.58310	1+ 4.58310	198288.70928	220097.67006	300° 40' 20.69"
	1004.60460	1+ 4.60460	198288.72024	220097.65156	300° 40' 17.92"
	1004.60470	1+ 4.60470	198288.72030	220097.65148	300° 40' 17.91"
	1004.63050	1+ 4.63050	198288.73346	220097.62929	300° 40' 14.58"
	1004.92940	1+ 4.92940	198288.88590	220097.37218	300° 39' 36.05"
	1004.92950	1+ 4.92950	198288.88595	220097.37210	300° 39' 36.03"
	1004.96950	1+ 4.96950	198288.90635	220097.33769	300° 39' 30.88"
	1005.00000	1+ 5.00000	198288.92190	220097.31145	300° 39' 26.94"
	1005.06070	1+ 5.06070	198288.95285	220097.25924	300° 39' 19.12"
	1005.08120	1+ 5.08120	198288.96331	220097.24160	300° 39' 16.48"
	1005.28740	1+ 5.28740	198289.06843	220097.06421	300° 38' 49.89"
	1005.31950	1+ 5.31950	198289.08479	220097.03659	300° 38' 45.76"

	1005.39950	1+ 5.39950	198289.12557	220096.96777	300° 38' 35.44"
	1005.46500	1+ 5.46500	198289.15895	220096.91141	300° 38' 27.00"
	1005.50000	1+ 5.50000	198289.17679	220096.88130	300° 38' 22.49"
	1005.83650	1+ 5.83650	198289.34825	220096.59176	300° 37' 39.11"
	1006.14760	1+ 6.14760	198289.50672	220096.32404	300° 36' 59.00"
	1006.29430	1+ 6.29430	198289.58142	220096.19779	300° 36' 40.09"
	1006.31350	1+ 6.31350	198289.59120	220096.18126	300° 36' 37.61"
	1006.44760	1+ 6.44760	198289.65948	220096.06585	300° 36' 20.33"
	1006.61230	1+ 6.61230	198289.74332	220095.92409	300° 35' 59.09"
	1006.68280	1+ 6.68280	198289.77921	220095.86341	300° 35' 50.01"
	1006.71770	1+ 6.71770	198289.79697	220095.83336	300° 35' 45.51"
	1006.74360	1+ 6.74360	198289.81016	220095.81107	300° 35' 42.17"
	1006.74370	1+ 6.74370	198289.81021	220095.81098	300° 35' 42.15"
	1006.88330	1+ 6.88330	198289.88125	220095.69082	300° 35' 24.16"
	1007.13000	1+ 7.13000	198290.00678	220095.47844	300° 34' 52.35"
	1007.20930	1+ 7.20930	198290.04712	220095.41017	300° 34' 42.13"
	1007.24590	1+ 7.24590	198290.06574	220095.37866	300° 34' 37.41"
	1007.31490	1+ 7.31490	198290.10084	220095.31925	300° 34' 28.52"
	1007.35050	1+ 7.35050	198290.11895	220095.28860	300° 34' 23.93"
	1007.38080	1+ 7.38080	198290.13436	220095.26251	300° 34' 20.02"
	1007.49450	1+ 7.49450	198290.19219	220095.16462	300° 34' 5.37"
	1007.59510	1+ 7.59510	198290.24335	220095.07800	300° 33' 52.40"
	1007.92830	1+ 7.92830	198290.41275	220094.79107	300° 33' 9.44"
	1008.41100	1+ 8.41100	198290.65806	220094.37535	300° 32' 7.21"
	1008.58910	1+ 8.58910	198290.74854	220094.22195	300° 31' 44.25"
	1008.84210	1+ 8.84210	198290.87704	220094.00401	300° 31' 11.64"
	1008.89680	1+ 8.89680	198290.90482	220093.95689	300° 31' 4.59"
	1009.05450	1+ 9.05450	198290.98489	220093.82103	300° 30' 44.26"
	1009.15090	1+ 9.15090	198291.03383	220093.73798	300° 30' 31.83"
	1009.29650	1+ 9.29650	198291.10774	220093.61253	300° 30' 13.06"
	1009.38470	1+ 9.38470	198291.15251	220093.53654	300° 30' 1.69"
	1009.48090	1+ 9.48090	198291.20133	220093.45365	300° 29' 49.29"
	1009.68170	1+ 9.68170	198291.30323	220093.28062	300° 29' 23.40"
	1009.68180	1+ 9.68180	198291.30328	220093.28054	300° 29' 23.39"
	1009.94930	1+ 9.94930	198291.43899	220093.05002	300° 28' 48.90"
	1010.12800	1+ 10.12800	198291.52962	220092.89601	300° 28' 25.87"
	1010.23940	1+ 10.23940	198291.58611	220092.79999	300° 28' 11.50"
	1010.27440	1+ 10.27440	198291.60386	220092.76983	300° 28' 6.99"
	1010.34290	1+ 10.34290	198291.63859	220092.71079	300° 27' 58.16"
	1010.44250	1+ 10.44250	198291.68909	220092.62494	300° 27' 45.32"
	1010.48540	1+ 10.48540	198291.71084	220092.58796	300° 27' 39.79"
	1010.61080	1+ 10.61080	198291.77441	220092.47986	300° 27' 23.63"
	1010.62050	1+ 10.62050	198291.77932	220092.47150	300° 27' 22.38"
	1010.71530	1+ 10.71530	198291.82737	220092.38978	300° 27' 10.15"
	1010.91420	1+ 10.91420	198291.92817	220092.21831	300° 26' 44.51"

부산외곽순환 고속도로 건설공사 실시설계

	1011.02640	1+ 11.02640	198291.98502	220092.12158	300° 26' 30.05"
	1011.07100	1+ 11.07100	198292.00762	220092.08313	300° 26' 24.30"
	1011.49450	1+ 11.49450	198292.22213	220091.71798	300° 25' 29.70"
	1011.56650	1+ 11.56650	198292.25859	220091.65589	300° 25' 20.42"
	1011.82180	1+ 11.82180	198292.38785	220091.43573	300° 24' 47.51"
	1011.86990	1+ 11.86990	198292.41220	220091.39425	300° 24' 41.31"
	1011.89270	1+ 11.89270	198292.42374	220091.37459	300° 24' 38.37"
	1012.07470	1+ 12.07470	198292.51586	220091.21762	300° 24' 14.91"
	1012.10820	1+ 12.10820	198292.53281	220091.18873	300° 24' 10.59"
	1012.24950	1+ 12.24950	198292.60432	220091.06686	300° 23' 52.37"
	1012.29290	1+ 12.29290	198292.62628	220091.02942	300° 23' 46.78"
	1012.44520	1+ 12.44520	198292.70333	220090.89805	300° 23' 27.14"
	1012.58420	1+ 12.58420	198292.77365	220090.77815	300° 23' 9.22"
	1012.64270	1+ 12.64270	198292.80324	220090.72768	300° 23' 1.68"
	1012.67460	1+ 12.67460	198292.81937	220090.70016	300° 22' 57.57"
	1012.76870	1+ 12.76870	198292.86696	220090.61899	300° 22' 45.44"
	1012.90580	1+ 12.90580	198292.93629	220090.50071	300° 22' 27.76"
	1013.08150	1+ 13.08150	198293.02512	220090.34912	300° 22' 5.11"
	1013.10130	1+ 13.10130	198293.03513	220090.33204	300° 22' 2.56"
	1013.26980	1+ 13.26980	198293.12031	220090.18665	300° 21' 40.84"
	1013.39040	1+ 13.39040	198293.18126	220090.08259	300° 21' 25.29"
	1013.40400	1+ 13.40400	198293.18814	220090.07085	300° 21' 23.54"
	1013.55570	1+ 13.55570	198293.26480	220089.93995	300° 21' 3.98"
	1013.77150	1+ 13.77150	198293.37383	220089.75372	300° 20' 36.16"
	1013.96340	1+ 13.96340	198293.47076	220089.58810	300° 20' 11.42"
	1014.18560	1+ 14.18560	198293.58298	220089.39631	300° 19' 42.78"
	1014.19260	1+ 14.19260	198293.58651	220089.39027	300° 19' 41.88"
	1014.42220	1+ 14.42220	198293.70243	220089.19209	300° 19' 12.28"
	1014.47550	1+ 14.47550	198293.72934	220089.14608	300° 19' 5.41"
	1014.64950	1+ 14.64950	198293.81717	220088.99587	300° 18' 42.97"
	1014.69960	1+ 14.69960	198293.84245	220088.95262	300° 18' 36.52"
	1014.74280	1+ 14.74280	198293.86426	220088.91532	300° 18' 30.95"
	1014.81210	1+ 14.81210	198293.89923	220088.85549	300° 18' 22.01"
	1014.99020	1+ 14.99020	198293.98909	220088.70173	300° 17' 59.05"
	1015.13020	1+ 15.13020	198294.05972	220088.58085	300° 17' 41.00"
	1015.20370	1+ 15.20370	198294.09679	220088.51738	300° 17' 31.53"
	1015.44500	1+ 15.44500	198294.21849	220088.30902	300° 17' 0.42"
	1015.48830	1+ 15.48830	198294.24033	220088.27163	300° 16' 54.84"
	1015.66860	1+ 15.66860	198294.33124	220088.11593	300° 16' 31.60"
	1015.99340	1+ 15.99340	198294.49496	220087.83541	300° 15' 49.73"
	1016.13350	1+ 16.13350	198294.56556	220087.71440	300° 15' 31.66"
	1016.15780	1+ 16.15780	198294.57781	220087.69341	300° 15' 28.53"
	1016.27760	1+ 16.27760	198294.63817	220087.58993	300° 15' 13.09"
	1016.28870	1+ 16.28870	198294.64376	220087.58034	300° 15' 11.66"
	1016.52400	1+ 16.52400	198294.76229	220087.37708	300° 14' 41.32"

	1016.52430	1+ 16.52430	198294.76245	220087.37682	300° 14' 41.28"
	1016.54050	1+ 16.54050	198294.77061	220087.36282	300° 14' 39.20"
	1016.64720	1+ 16.64720	198294.82435	220087.27064	300° 14' 25.44"
	1016.65070	1+ 16.65070	198294.82611	220087.26762	300° 14' 24.99"
	1016.92570	1+ 16.92570	198294.96459	220087.03003	300° 13' 49.54"
	1017.05050	1+ 17.05050	198295.02742	220086.92220	300° 13' 33.45"
	1017.07110	1+ 17.07110	198295.03779	220086.90440	300° 13' 30.79"
	1017.21140	1+ 17.21140	198295.10841	220086.78317	300° 13' 12.71"
	1017.23610	1+ 17.23610	198295.12084	220086.76183	300° 13' 9.52"
	1017.33280	1+ 17.33280	198295.16951	220086.67827	300° 12' 57.06"
	1017.34850	1+ 17.34850	198295.17741	220086.66470	300° 12' 55.03"
	1017.36540	1+ 17.36540	198295.18591	220086.65010	300° 12' 52.85"
	1017.55080	1+ 17.55080	198295.27920	220086.48988	300° 12' 28.95"
	1017.59290	1+ 17.59290	198295.30039	220086.45349	300° 12' 23.52"
	1017.92650	1+ 17.92650	198295.46820	220086.16517	300° 11' 40.52"
	1018.00580	1+ 18.00580	198295.50808	220086.09663	300° 11' 30.30"
	1018.00670	1+ 18.00670	198295.50853	220086.09585	300° 11' 30.18"
	1018.21080	1+ 18.21080	198295.61116	220085.91943	300° 11' 3.87"
	1018.27540	1+ 18.27540	198295.64364	220085.86359	300° 10' 55.54"
	1018.36130	1+ 18.36130	198295.68682	220085.78934	300° 10' 44.47"
	1018.55640	1+ 18.55640	198295.78489	220085.62067	300° 10' 19.31"
	1018.59230	1+ 18.59230	198295.80293	220085.58964	300° 10' 14.69"
	1018.76170	1+ 18.76170	198295.88806	220085.44318	300° 9' 52.85"
	1018.94370	1+ 18.94370	198295.97951	220085.28582	300° 9' 29.39"
	1019.04190	1+ 19.04190	198296.02884	220085.20091	300° 9' 16.73"
	1019.04840	1+ 19.04840	198296.03210	220085.19529	300° 9' 15.89"
	1019.16200	1+ 19.16200	198296.08916	220085.09706	300° 9' 1.24"
	1019.18560	1+ 19.18560	198296.10102	220085.07666	300° 8' 58.20"
	1019.25830	1+ 19.25830	198296.13753	220085.01379	300° 8' 48.83"
	1019.32230	1+ 19.32230	198296.16967	220084.95845	300° 8' 40.58"
	1019.32260	1+ 19.32260	198296.16982	220084.95819	300° 8' 40.54"
	1019.44480	1+ 19.44480	198296.23119	220084.85251	300° 8' 24.79"
	1019.44510	1+ 19.44510	198296.23134	220084.85225	300° 8' 24.75"
	1019.69480	1+ 19.69480	198296.35670	220084.63630	300° 7' 52.56"
	1019.71150	1+ 19.71150	198296.36508	220084.62186	300° 7' 50.40"
	1019.85240	1+ 19.85240	198296.43580	220084.49999	300° 7' 32.24"
	1020.00000	1+ 20.00000	198296.50988	220084.37233	300° 7' 13.21"
	1020.01200	1+ 20.01200	198296.51590	220084.36195	300° 7' 11.67"
	1020.12080	1+ 20.12080	198296.57049	220084.26784	300° 6' 57.64"
	1020.13720	1+ 20.13720	198296.57872	220084.25365	300° 6' 55.53"
	1020.16740	1+ 20.16740	198296.59387	220084.22753	300° 6' 51.63"
	1020.28140	1+ 20.28140	198296.65107	220084.12891	300° 6' 36.94"
	1020.54360	1+ 20.54360	198296.78259	220083.90208	300° 6' 3.13"
	1020.68450	1+ 20.68450	198296.85325	220083.78018	300° 5' 44.97"
	1020.80990	1+ 20.80990	198296.91612	220083.67168	300° 5' 28.80"

부산외곽순환 고속도로 건설공사 실시설계

	1020.86800	1+ 20.86800	198296.94525	220083.62141	300° 5' 21.31"
	1020.94930	1+ 20.94930	198296.98601	220083.55107	300° 5' 10.83"
	1021.15640	1+ 21.15640	198297.08982	220083.37186	300° 4' 44.13"
	1021.30530	1+ 21.30530	198297.16444	220083.24301	300° 4' 24.94"
	1021.37750	1+ 21.37750	198297.20062	220083.18053	300° 4' 15.63"
	1021.50710	1+ 21.50710	198297.26555	220083.06837	300° 3' 58.92"
	1021.51650	1+ 21.51650	198297.27026	220083.06023	300° 3' 57.71"
	1021.54350	1+ 21.54350	198297.28379	220083.03687	300° 3' 54.23"
	1021.87240	1+ 21.87240	198297.44853	220082.75220	300° 3' 11.83"
	1022.12150	1+ 22.12150	198297.57327	220082.53658	300° 2' 39.72"
	1022.14540	1+ 22.14540	198297.58523	220082.51589	300° 2' 36.64"
	1022.23500	1+ 22.23500	198297.63009	220082.43833	300° 2' 25.09"
	1022.41820	1+ 22.41820	198297.72179	220082.27973	300° 2' 1.47"
	1022.57090	1+ 22.57090	198297.79821	220082.14753	300° 1' 41.78"
	1022.66200	1+ 22.66200	198297.84380	220082.06866	300° 1' 30.04"
	1023.18350	1+ 23.18350	198298.10467	220081.61710	300° 0' 22.81"
	1023.52290	1+ 23.52290	198298.27438	220081.32317	299° 59' 39.06"
	1023.57080	1+ 23.57080	198298.29832	220081.28168	299° 59' 32.88"
	1023.66580	1+ 23.66580	198298.34581	220081.19940	299° 59' 20.63"
	1023.77750	1+ 23.77750	198298.40164	220081.10265	299° 59' 6.23"
	1023.79290	1+ 23.79290	198298.40933	220081.08932	299° 59' 4.25"
	1023.84660	1+ 23.84660	198298.43617	220081.04280	299° 58' 57.33"
	1024.29530	1+ 24.29530	198298.66035	220080.65412	299° 57' 59.48"
	1024.31990	1+ 24.31990	198298.67263	220080.63281	299° 57' 56.31"
	1024.36850	1+ 24.36850	198298.69691	220080.59070	299° 57' 50.04"
	1024.46630	1+ 24.46630	198298.74575	220080.50597	299° 57' 37.44"
	1024.49240	1+ 24.49240	198298.75879	220080.48336	299° 57' 34.07"
	1024.50950	1+ 24.50950	198298.76733	220080.46855	299° 57' 31.87"
	1024.54630	1+ 24.54630	198298.78570	220080.43666	299° 57' 27.12"
	1024.84140	1+ 24.84140	198298.93304	220080.18097	299° 56' 49.08"
	1024.87040	1+ 24.87040	198298.94752	220080.15585	299° 56' 45.34"
	1025.00710	1+ 25.00710	198299.01575	220080.03739	299° 56' 27.72"
	1025.02630	1+ 25.02630	198299.02533	220080.02076	299° 56' 25.24"
	1025.23810	1+ 25.23810	198299.13103	220079.83721	299° 55' 57.94"
	1025.42390	1+ 25.42390	198299.22373	220079.67619	299° 55' 33.99"
	1025.57860	1+ 25.57860	198299.30090	220079.54212	299° 55' 14.04"
	1026.03190	1+ 26.03190	198299.52695	220079.14920	299° 54' 15.61"
	1026.19970	1+ 26.19970	198299.61060	220079.00374	299° 53' 53.97"
	1026.68860	1+ 26.68860	198299.85423	220078.57987	299° 52' 50.95"
	1026.80190	1+ 26.80190	198299.91068	220078.48163	299° 52' 36.34"
	1026.87090	1+ 26.87090	198299.94505	220078.42180	299° 52' 27.45"
	1026.87190	1+ 26.87190	198299.94554	220078.42093	299° 52' 27.32"
	1027.35170	1+ 27.35170	198300.18447	220078.00485	299° 51' 25.46"
	1027.50000	1+ 27.50000	198300.25829	220077.87623	299° 51' 6.35"
	1027.52650	1+ 27.52650	198300.27148	220077.85324	299° 51' 2.93"

	1027.58110	1+ 27.58110	198300.29866	220077.80589	299° 50' 55.89"
	1027.64890	1+ 27.64890	198300.33240	220077.74708	299° 50' 47.15"
	1027.71730	1+ 27.71730	198300.36644	220077.68775	299° 50' 38.33"
	1027.88030	1+ 27.88030	198300.44755	220077.54637	299° 50' 17.32"
	1028.04820	1+ 28.04820	198300.53108	220077.40072	299° 49' 55.67"
	1029.08670	1+ 29.08670	198301.04740	220076.49967	299° 47' 41.80"
	1029.12810	1+ 29.12810	198301.06797	220076.46374	299° 47' 36.46"
	1029.26030	1+ 29.26030	198301.13366	220076.34901	299° 47' 19.42"
	1029.75210	1+ 29.75210	198301.37792	220075.92216	299° 46' 16.02"
	1029.88460	1+ 29.88460	198301.44370	220075.80714	299° 45' 58.93"
	1029.93680	1+ 29.93680	198301.46962	220075.76183	299° 45' 52.20"
	1030.72490	1+ 30.72490	198301.86069	220075.07761	299° 44' 10.61"
	1030.79430	1+ 30.79430	198301.89511	220075.01734	299° 44' 1.66"
	1030.96700	1+ 30.96700	198301.98076	220074.86738	299° 43' 39.40"
	1031.49760	1+ 31.49760	198302.24380	220074.40656	299° 42' 30.99"
	1032.98930	1+ 32.98930	198302.98246	220073.11059	299° 39' 18.69"
	1033.17300	1+ 33.17300	198303.07334	220072.95095	299° 38' 55.01"
	1033.66100	1+ 33.66100	198303.31468	220072.52680	299° 37' 52.10"
	1034.08530	1+ 34.08530	198303.52441	220072.15796	299° 36' 57.40"
	1034.62250	1+ 34.62250	198303.78981	220071.69090	299° 35' 48.15"
	1035.04490	1+ 35.04490	198303.99838	220071.32358	299° 34' 53.69"
	1035.50520	1+ 35.50520	198304.22556	220070.92325	299° 33' 54.35"
	1036.31830	1+ 36.31830	198304.62657	220070.21592	299° 32' 9.53"
	1036.81220	1+ 36.81220	198304.86998	220069.78616	299° 31' 5.86"
	1038.21240	1+ 38.21240	198305.55933	220068.56741	299° 28' 5.35"
	1038.67800	1+ 38.67800	198305.78832	220068.16201	299° 27' 5.33"
	1039.66090	1+ 39.66090	198306.27133	220067.30598	299° 24' 58.62"
	1040.00000	1+ 40.00000	198306.43785	220067.01058	299° 24' 14.90"
	1041.22100	1+ 41.22100	198307.03692	220065.94665	299° 21' 37.50"
	1041.22880	1+ 41.22880	198307.04074	220065.93985	299° 21' 36.49"
	1042.62660	1+ 42.62660	198307.72555	220064.72129	299° 18' 36.29"
	1042.68910	1+ 42.68910	198307.75614	220064.66679	299° 18' 28.24"
	1042.88030	1+ 42.88030	198307.84972	220064.50006	299° 18' 3.59"
	1044.01460	1+ 44.01460	198308.40450	220063.51068	299° 15' 37.36"
	1044.45710	1+ 44.45710	198308.62073	220063.12461	299° 14' 40.31"
	1044.46510	1+ 44.46510	198308.62464	220063.11763	299° 14' 39.28"
	1045.31400	1+ 45.31400	198309.03916	220062.37682	299° 12' 49.85"
	1045.62540	1+ 45.62540	198309.19112	220062.10501	299° 12' 9.70"
	1045.87740	1+ 45.87740	198309.31405	220061.88503	299° 11' 37.21"
	1045.94050	1+ 45.94050	198309.34483	220061.82995	299° 11' 29.08"
	1047.27940	1+ 47.27940	198309.99736	220060.66082	299° 8' 36.47"
	1048.31090	1+ 48.31090	198310.49940	220059.75974	299° 6' 23.50"
	1048.59170	1+ 48.59170	198310.63597	220059.51439	299° 5' 47.30"
	1050.17730	1+ 50.17730	198311.40634	220058.12851	299° 2' 22.89"
	1053.27580	1+ 53.27580	198312.90777	220055.41809	298° 55' 43.45"

부산외곽순환 고속도로 건설공사 실시설계

	1053.50000	1+ 53.50000	198313.01621	220055.22185	298° 55' 14.54"
	1054.73930	1+ 54.73930	198313.61511	220054.13687	298° 52' 34.78"
	1056.62480	1+ 56.62480	198314.52469	220052.48527	298° 48' 31.71"
	1058.10000	1+ 58.10000	198315.23497	220051.19233	298° 45' 21.53"
	1060.00000	1+ 60.00000	198316.14803	220049.52610	298° 41' 16.59"
	1060.53100	1+ 60.53100	198316.40286	220049.06024	298° 40' 8.14"
	1061.16430	1+ 61.16430	198316.70657	220048.50452	298° 38' 46.50"
	1061.74950	1+ 61.74950	198316.98702	220047.99090	298° 37' 31.05"
	1062.84080	1+ 62.84080	198317.50952	220047.03281	298° 35' 10.37"
	1063.41950	1+ 63.41950	198317.78632	220046.52460	298° 33' 55.77"
	1063.93370	1+ 63.93370	198318.03212	220046.07295	298° 32' 49.48"
	1063.95110	1+ 63.95110	198318.04043	220046.05767	298° 32' 47.23"
	1064.50530	1+ 64.50530	198318.30519	220045.57080	298° 31' 35.79"
	1064.57110	1+ 64.57110	198318.33661	220045.51299	298° 31' 27.31"
	1065.16010	1+ 65.16010	198318.61778	220044.99543	298° 30' 11.38"
	1066.25830	1+ 66.25830	198319.14152	220044.03016	298° 27' 49.80"
	1066.84050	1+ 66.84050	198319.41890	220043.51829	298° 26' 34.75"
	1067.37530	1+ 67.37530	198319.67354	220043.04800	298° 25' 25.80"
	1067.93270	1+ 67.93270	198319.93877	220042.55775	298° 24' 13.94"
	1070.17490	1+ 70.17490	198321.00397	220040.58473	298° 19' 24.89"
	1073.05010	1+ 73.05010	198322.36583	220038.05252	298° 13' 14.23"
	1073.63160	1+ 73.63160	198322.64071	220037.54009	298° 11' 59.27"
	1076.51900	1+ 76.51900	198324.00285	220034.99418	298° 5' 47.04"
	1080.00000	1+ 80.00000	198325.63891	220031.92161	297° 58' 18.28"
	1081.22080	1+ 81.22080	198326.21110	220030.84321	297° 55' 40.90"
	1083.17110	1+ 83.17110	198327.12349	220029.11949	297° 51' 29.48"
	1083.60980	1+ 83.60980	198327.32844	220028.73160	297° 50' 32.92"
	1083.97580	1+ 83.97580	198327.49934	220028.40795	297° 49' 45.74"
	1084.41670	1+ 84.41670	198327.70511	220028.01802	297° 48' 48.90"
	1084.71380	1+ 84.71380	198327.84371	220027.75523	297° 48' 10.60"
	1086.66760	1+ 86.66760	198328.75397	220026.02643	297° 43' 58.72"
	1087.10690	1+ 87.10690	198328.95835	220025.63756	297° 43' 2.09"
	1087.47350	1+ 87.47350	198329.12882	220025.31301	297° 42' 14.83"
	1087.91500	1+ 87.91500	198329.33402	220024.92209	297° 41' 17.92"
	1092.50370	1+ 92.50370	198331.46039	220020.85580	297° 31' 26.36"
	1093.00450	1+ 93.00450	198331.69175	220020.41165	297° 30' 21.80"
	1093.39890	1+ 93.39890	198331.87385	220020.06181	297° 29' 30.96"
	1096.00410	1+ 96.00410	198333.07459	220017.74982	297° 23' 55.11"
	1096.50450	1+ 96.50450	198333.30480	220017.30551	297° 22' 50.60"
	1096.89860	1+ 96.89860	198333.48600	220016.95554	297° 21' 59.79"
	1097.80890	1+ 97.80890	198333.90422	220016.14700	297° 20' 2.44"
	1098.30800	1+ 98.30800	198334.13333	220015.70359	297° 18' 58.10"
	1098.36820	1+ 98.36820	198334.16095	220015.65010	297° 18' 50.34"
	1098.79390	1+ 98.79390	198334.35624	220015.27184	297° 17' 55.46"
	1099.80660	1+ 99.80660	198334.82041	220014.37178	297° 15' 44.90"

	1100.00000	1+100.00000	198334.90899	220014.19986	297° 15' 19.97"
	1100.39200	1+100.39200	198335.08847	220013.85136	297° 14' 29.44"
	1100.80530	1+100.80530	198335.27760	220013.48388	297° 13' 36.16"
	1100.83190	1+100.83190	198335.28977	220013.46022	297° 13' 32.73"
	1101.30200	1+101.30200	198335.50478	220013.04217	297° 12' 32.12"
	1101.40450	1+101.40450	198335.55165	220012.95102	297° 12' 18.91"
	1101.51630	1+101.51630	198335.60276	220012.85158	297° 12' 4.50"
	1101.80000	1+101.80000	198335.73242	220012.59925	297° 11' 27.92"
	1101.85190	1+101.85190	198335.75613	220012.55308	297° 11' 21.23"
	1101.86010	1+101.86010	198335.75988	220012.54579	297° 11' 20.18"
	1102.00340	1+102.00340	198335.82535	220012.41832	297° 11' 1.70"
	1102.28490	1+102.28490	198335.95393	220012.16790	297° 10' 25.41"
	1102.61970	1+102.61970	198336.10680	220011.87004	297° 9' 42.25"
	1102.96830	1+102.96830	198336.26590	220011.55986	297° 8' 57.31"
	1103.07670	1+103.07670	198336.31536	220011.46340	297° 8' 43.34"
	1103.29500	1+103.29500	198336.41495	220011.26914	297° 8' 15.20"
	1103.59900	1+103.59900	198336.55359	220010.99860	297° 7' 36.01"
	1103.87890	1+103.87890	198336.68119	220010.74947	297° 6' 59.92"
	1104.06380	1+104.06380	198336.76546	220010.58489	297° 6' 36.09"
	1104.29100	1+104.29100	198336.86898	220010.38265	297° 6' 6.80"
	1104.31760	1+104.31760	198336.88110	220010.35897	297° 6' 3.37"
	1104.70970	1+104.70970	198337.05968	220010.00990	297° 5' 12.82"
	1104.88850	1+104.88850	198337.14108	220009.85070	297° 4' 49.77"
	1105.00000	1+105.00000	198337.19184	220009.75143	297° 4' 35.39"
	1105.33460	1+105.33460	198337.34411	220009.45348	297° 3' 52.26"
	1105.48560	1+105.48560	198337.41281	220009.31901	297° 3' 32.79"
	1106.10000	1+106.10000	198337.69220	220008.77181	297° 2' 13.59"
	1106.44730	1+106.44730	198337.85004	220008.46245	297° 1' 28.81"
	1106.55540	1+106.55540	198337.89915	220008.36615	297° 1' 14.88"
	1107.07590	1+107.07590	198338.13555	220007.90243	297° 0' 7.78"
	1107.53900	1+107.53900	198338.34575	220007.48978	296° 59' 8.08"
	1108.18250	1+108.18250	198338.63763	220006.91629	296° 57' 45.12"
	1112.36630	1+112.36630	198340.52972	220003.18478	296° 48' 45.76"
	1112.96780	1+112.96780	198340.80094	220002.64790	296° 47' 28.22"
	1113.16040	1+113.16040	198340.88774	220002.47597	296° 47' 3.39"
	1113.71390	1+113.71390	198341.13708	220001.98181	296° 45' 52.04"
	1114.27600	1+114.27600	198341.39012	220001.47989	296° 44' 39.57"
	1115.80210	1+115.80210	198342.07623	220000.11672	296° 41' 22.84"
	1116.40000	1+116.40000	198342.34468	219999.58247	296° 40' 5.76"
	1116.59140	1+116.59140	198342.43058	219999.41143	296° 39' 41.08"
	1117.14150	1+117.14150	198342.67733	219998.91977	296° 38' 30.17"
	1117.70000	1+117.70000	198342.92768	219998.42053	296° 37' 18.17"
	1120.00000	1+120.00000	198343.95683	219996.36362	296° 32' 21.66"
	1120.76510	1+120.76510	198344.29852	219995.67906	296° 30' 43.03"
	1121.72980	1+121.72980	198344.72889	219994.81568	296° 28' 38.66"