

부산외곽순환 고속도로 건설공사 실시설계

	327.55080	0+327.55080	198271.67797	220114.07211	104° 51' 18.73"
	327.77670	0+327.77670	198271.62015	220114.29048	104° 48' 12.35"
	327.93320	0+327.93320	198271.58021	220114.44180	104° 46' 3.23"
	328.41820	0+328.41820	198271.45704	220114.91090	104° 39' 23.08"
	328.46580	0+328.46580	198271.44500	220114.95695	104° 38' 43.80"
	328.54160	0+328.54160	198271.42585	220115.03029	104° 37' 41.26"
	328.92940	0+328.92940	198271.32820	220115.40560	104° 32' 21.31"
	329.17530	0+329.17530	198271.26659	220115.64365	104° 28' 58.42"
	329.32050	0+329.32050	198271.23032	220115.78425	104° 26' 58.63"
	329.52890	0+329.52890	198271.17840	220115.98608	104° 24' 6.68"
	329.95190	0+329.95190	198271.07354	220116.39587	104° 18' 17.68"
	330.05730	0+330.05730	198271.04751	220116.49801	104° 16' 50.72"
	330.39210	0+330.39210	198270.96515	220116.82252	104° 12' 14.49"
	330.66280	0+330.66280	198270.89886	220117.08498	104° 8' 31.15"
	330.78710	0+330.78710	198270.86852	220117.20552	104° 6' 48.59"
	331.19540	0+331.19540	198270.76929	220117.60158	104° 1' 11.72"
	331.34660	0+331.34660	198270.73270	220117.74828	103° 59' 6.97"
	331.50580	0+331.50580	198270.69428	220117.90278	103° 56' 55.62"
	331.55610	0+331.55610	198270.68216	220117.95160	103° 56' 14.12"
	331.61850	0+331.61850	198270.66713	220118.01216	103° 55' 22.64"
	331.65400	0+331.65400	198270.65859	220118.04662	103° 54' 53.35"
	332.42380	0+332.42380	198270.47462	220118.79411	103° 44' 18.22"
	333.25330	0+333.25330	198270.27896	220119.60021	103° 32' 53.83"
	333.54320	0+333.54320	198270.21121	220119.88208	103° 28' 54.65"
	333.65640	0+333.65640	198270.18485	220119.99216	103° 27' 21.25"
	333.69200	0+333.69200	198270.17657	220120.02679	103° 26' 51.88"
	334.65350	0+334.65350	198269.95476	220120.96235	103° 13' 38.58"
	335.45240	0+335.45240	198269.77320	220121.74035	103° 2' 39.44"
	335.88290	0+335.88290	198269.67640	220122.15982	102° 56' 44.26"
	336.09460	0+336.09460	198269.62906	220122.36616	102° 53' 49.59"
	336.31250	0+336.31250	198269.58052	220122.57859	102° 50' 49.81"
	336.51910	0+336.51910	198269.53466	220122.78003	102° 47' 59.35"
	337.43840	0+337.43840	198269.33264	220123.67686	102° 35' 20.88"
	337.99690	0+337.99690	198269.21152	220124.22207	102° 27' 40.08"
	338.15300	0+338.15300	198269.17789	220124.37450	102° 25' 31.29"
	338.16450	0+338.16450	198269.17541	220124.38573	102° 25' 21.80"
	338.26740	0+338.26740	198269.15330	220124.48623	102° 23' 56.90"
	339.14840	0+339.14840	198268.96565	220125.34701	102° 11' 50.03"
	339.14860	0+339.14860	198268.96560	220125.34721	102° 11' 49.86"
	340.00000	0+340.00000	198268.78714	220126.17969	102° 0' 7.41"
	340.00020	0+340.00020	198268.78710	220126.17989	102° 0' 7.24"
	340.12640	0+340.12640	198268.76089	220126.30334	101° 58' 23.12"
	340.23120	0+340.23120	198268.73917	220126.40586	101° 56' 56.65"
	340.26020	0+340.26020	198268.73316	220126.43423	101° 56' 32.73"
	341.21880	0+341.21880	198268.53660	220127.37246	101° 43' 21.82"

	341.21900	0+341.21900	198268.53656	220127.37266	101° 43' 21.66"
	341.54110	0+341.54110	198268.47132	220127.68808	101° 38' 55.91"
	342.08640	0+342.08640	198268.36180	220128.22227	101° 31' 26.00"
	342.18610	0+342.18610	198268.34190	220128.31997	101° 30' 3.74"
	342.20020	0+342.20020	198268.33909	220128.33378	101° 29' 52.11"
	342.36190	0+342.36190	198268.30691	220128.49225	101° 27' 38.70"
	342.70000	0+342.70000	198268.23996	220128.82365	101° 22' 59.75"
	343.50620	0+343.50620	198268.08211	220129.61425	101° 11' 54.58"
	343.61980	0+343.61980	198268.06007	220129.72569	101° 10' 20.86"
	344.20510	0+344.20510	198267.94734	220130.30003	101° 2' 17.95"
	344.25200	0+344.25200	198267.93836	220130.34606	101° 1' 39.25"
	344.26680	0+344.26680	198267.93553	220130.36059	101° 1' 27.04"
	344.29180	0+344.29180	198267.93075	220130.38513	101° 1' 6.42"
	344.53240	0+344.53240	198267.88488	220130.62132	100° 57' 47.91"
	344.99060	0+344.99060	198267.79815	220131.07123	100° 51' 29.86"
	345.14120	0+345.14120	198267.76983	220131.21915	100° 49' 25.61"
	345.18870	0+345.18870	198267.76091	220131.26580	100° 48' 46.42"
	345.38380	0+345.38380	198267.72438	220131.45745	100° 46' 5.45"
	345.50000	0+345.50000	198267.70270	220131.57161	100° 44' 29.58"
	345.92730	0+345.92730	198267.62342	220131.99149	100° 38' 37.03"
	346.00560	0+346.00560	198267.60897	220132.06845	100° 37' 32.43"
	346.01050	0+346.01050	198267.60807	220132.07326	100° 37' 28.39"
	346.29150	0+346.29150	198267.55641	220132.34947	100° 33' 36.55"
	346.37850	0+346.37850	198267.54048	220132.43500	100° 32' 24.77"
	346.50000	0+346.50000	198267.51829	220132.55446	100° 30' 44.52"
	346.53810	0+346.53810	198267.51134	220132.59192	100° 30' 13.09"
	346.61960	0+346.61960	198267.49649	220132.67206	100° 29' 5.84"
	347.47310	0+347.47310	198267.34261	220133.51157	100° 17' 21.66"
	347.51930	0+347.51930	198267.33436	220133.55703	100° 16' 43.54"
	347.54450	0+347.54450	198267.32987	220133.58182	100° 16' 22.75"
	348.01790	0+348.01790	198267.24588	220134.04771	100° 9' 52.16"
	348.10130	0+348.10130	198267.23118	220134.12981	100° 8' 43.35"
	348.16730	0+348.16730	198267.21956	220134.19478	100° 7' 48.90"
	348.20540	0+348.20540	198267.21286	220134.23228	100° 7' 17.46"
	348.63000	0+348.63000	198267.13860	220134.65034	100° 1' 27.14"
	348.92440	0+348.92440	198267.08752	220134.94027	99° 57' 24.25"
	348.97750	0+348.97750	198267.07835	220134.99257	99° 56' 40.44"
	349.61300	0+349.61300	198266.96940	220135.61867	99° 47' 56.11"
	350.26220	0+350.26220	198266.85974	220136.25854	99° 39' 0.48"
	350.56990	0+350.56990	198266.80835	220136.56191	99° 34' 46.61"
	350.87680	0+350.87680	198266.75746	220136.86457	99° 30' 33.40"
	350.96790	0+350.96790	198266.74242	220136.95442	99° 29' 18.24"
	351.02050	0+351.02050	198266.73376	220137.00630	99° 28' 34.84"
	351.20440	0+351.20440	198266.70355	220137.18770	99° 26' 3.11"
	351.30000	0+351.30000	198266.68790	220137.28201	99° 24' 44.24"

부산외곽순환 고속도로 건설공사 실시설계

	352.17550	0+352.17550	198266.54623	220138.14597	99° 12' 41.90"
	352.40100	0+352.40100	198266.51023	220138.36858	99° 9' 35.85"
	352.52130	0+352.52130	198266.49111	220138.48735	99° 7' 56.59"
	352.54500	0+352.54500	198266.48735	220138.51075	99° 7' 37.04"
	352.66810	0+352.66810	198266.46785	220138.63230	99° 5' 55.47"
	352.97540	0+352.97540	198266.41945	220138.93576	99° 1' 41.93"
	354.06190	0+354.06190	198266.25128	220140.00917	98° 46' 45.51"
	354.27510	0+354.27510	198266.21883	220140.21988	98° 43' 49.60"
	354.50070	0+354.50070	198266.18469	220140.44288	98° 40' 43.47"
	354.64470	0+354.64470	198266.16300	220140.58524	98° 38' 44.66"
	355.43270	0+355.43270	198266.04577	220141.36447	98° 27' 54.51"
	355.43300	0+355.43300	198266.04573	220141.36477	98° 27' 54.27"
	356.43060	0+356.43060	198265.90084	220142.35179	98° 14' 11.19"
	356.43100	0+356.43100	198265.90079	220142.35219	98° 14' 10.86"
	356.62590	0+356.62590	198265.87294	220142.54509	98° 11' 30.05"
	356.62620	0+356.62620	198265.87290	220142.54538	98° 11' 29.81"
	356.80360	0+356.80360	198265.84768	220142.72098	98° 9' 3.44"
	358.53030	0+358.53030	198265.60877	220144.43107	97° 45' 18.81"
	358.53070	0+358.53070	198265.60872	220144.43147	97° 45' 18.48"
	358.80140	0+358.80140	198265.57234	220144.69971	97° 41' 35.14"
	359.71820	0+359.71820	198265.45127	220145.60848	97° 28' 58.72"
	360.00000	0+360.00000	198265.41473	220145.88790	97° 25' 6.22"
	360.19010	0+360.19010	198265.39026	220146.07642	97° 22' 29.38"
	360.45150	0+360.45150	198265.35684	220146.33568	97° 18' 53.71"
	362.28510	0+362.28510	198265.13005	220148.15519	96° 53' 40.88"
	362.61320	0+362.61320	198265.09088	220148.48095	96° 49' 10.18"
	362.73830	0+362.73830	198265.07606	220148.60517	96° 47' 26.96"
	362.84770	0+362.84770	198265.06315	220148.71380	96° 45' 56.70"
	363.06550	0+363.06550	198265.03758	220148.93010	96° 42' 57.00"
	363.08610	0+363.08610	198265.03517	220148.95055	96° 42' 40.01"
	363.37520	0+363.37520	198265.00155	220149.23769	96° 38' 41.48"
	363.41930	0+363.41930	198264.99645	220149.28150	96° 38' 5.10"
	364.16270	0+364.16270	198264.91166	220150.02005	96° 27' 51.75"
	364.32120	0+364.32120	198264.89387	220150.17754	96° 25' 40.98"
	364.49020	0+364.49020	198264.87500	220150.34549	96° 23' 21.54"
	364.93670	0+364.93670	198264.82571	220150.78926	96° 17' 13.15"
	365.11330	0+365.11330	198264.80643	220150.96480	96° 14' 47.45"
	365.15400	0+365.15400	198264.80201	220151.00526	96° 14' 13.87"
	365.23480	0+365.23480	198264.79324	220151.08558	96° 13' 7.20"
	365.50670	0+365.50670	198264.76394	220151.35590	96° 9' 22.87"
	365.60080	0+365.60080	198264.75386	220151.44946	96° 8' 5.23"
	365.85280	0+365.85280	198264.72706	220151.70003	96° 4' 37.31"
	365.95120	0+365.95120	198264.71666	220151.79788	96° 3' 16.13"
	366.00710	0+366.00710	198264.71077	220151.85347	96° 2' 30.01"
	366.24790	0+366.24790	198264.68554	220152.09294	95° 59' 11.33"

	367.16740	0+367.16740	198264.59132	220153.00760	95° 46' 32.69"
	367.45070	0+367.45070	198264.56297	220153.28948	95° 42' 38.95"
	367.68110	0+367.68110	198264.54015	220153.51875	95° 39' 28.86"
	368.05760	0+368.05760	198264.50332	220153.89344	95° 34' 18.22"
	368.40960	0+368.40960	198264.46939	220154.24380	95° 29' 27.80"
	368.44560	0+368.44560	198264.46594	220154.27964	95° 28' 58.10"
	368.61900	0+368.61900	198264.44944	220154.45225	95° 26' 35.04"
	369.24140	0+369.24140	198264.39117	220155.07192	95° 18' 1.52"
	369.53540	0+369.53540	198264.36418	220155.36467	95° 13' 58.95"
	369.98940	0+369.98940	198264.32318	220155.81682	95° 7' 44.37"
	370.12770	0+370.12770	198264.31086	220155.95457	95° 5' 50.27"
	370.41000	0+370.41000	198264.28594	220156.23577	95° 1' 57.35"
	370.54010	0+370.54010	198264.27456	220156.36537	95° 0' 10.01"
	370.68640	0+370.68640	198264.26184	220156.51111	94° 58' 9.31"
	372.00360	0+372.00360	198264.15120	220157.82366	94° 40' 2.54"
	372.04980	0+372.04980	198264.14745	220157.86971	94° 39' 24.42"
	372.46720	0+372.46720	198264.11391	220158.28576	94° 33' 40.04"
	372.46830	0+372.46830	198264.11382	220158.28685	94° 33' 39.14"
	372.59760	0+372.59760	198264.10357	220158.41575	94° 31' 52.45"
	372.65520	0+372.65520	198264.09903	220158.47317	94° 31' 4.93"
	372.84330	0+372.84330	198264.08428	220158.66069	94° 28' 29.74"
	373.10820	0+373.10820	198264.06375	220158.92479	94° 24' 51.18"
	373.87270	0+373.87270	198264.00608	220159.68711	94° 14' 20.42"
	374.41100	0+374.41100	198263.96687	220160.22398	94° 6' 56.29"
	374.44070	0+374.44070	198263.96474	220160.25360	94° 6' 31.79"
	374.70000	0+374.70000	198263.94629	220160.51225	94° 2' 57.85"
	374.78540	0+374.78540	198263.94027	220160.59744	94° 1' 47.39"
	374.88690	0+374.88690	198263.93316	220160.69869	94° 0' 23.65"
	375.00570	0+375.00570	198263.92489	220160.81720	93° 58' 45.63"
	375.90920	0+375.90920	198263.86382	220161.71863	93° 46' 20.19"
	376.44390	0+376.44390	198263.82921	220162.25221	93° 38' 59.03"
	379.92110	0+379.92110	198263.63200	220165.72378	92° 51' 10.13"
	380.00000	0+380.00000	198263.62809	220165.80259	92° 50' 5.04"
	380.29300	0+380.29300	198263.61377	220166.09524	92° 46' 3.29"
	381.04580	0+381.04580	198263.57855	220166.84721	92° 35' 42.19"
	381.04640	0+381.04640	198263.57853	220166.84781	92° 35' 41.69"
	381.90790	0+381.90790	198263.54100	220167.70849	92° 23' 50.91"
	382.27610	0+382.27610	198263.52587	220168.07638	92° 18' 47.12"
	382.81300	0+382.81300	198263.50478	220168.61287	92° 11' 24.14"
	384.76990	0+384.76990	198263.43765	220170.56861	91° 44' 29.59"
	385.00000	0+385.00000	198263.43077	220170.79861	91° 41' 19.74"
	386.16430	0+386.16430	198263.39916	220171.96248	91° 25' 19.12"
	386.76280	0+386.76280	198263.38503	220172.56081	91° 17' 5.33"
	386.89400	0+386.89400	198263.38212	220172.69198	91° 15' 17.08"
	387.07210	0+387.07210	198263.37828	220172.87004	91° 12' 50.14"

부산외곽순환 고속도로 건설공사 실시설계

	387.23070	0+387.23070	198263.37497	220173.02860	91° 10' 39.28"
	387.49820	0+387.49820	198263.36962	220173.29605	91° 6' 58.58"
	388.08150	0+388.08150	198263.35894	220173.87925	90° 58' 57.32"
	388.80190	0+388.80190	198263.34762	220174.59956	90° 49' 2.95"
	390.00000	0+390.00000	198263.33340	220175.79758	90° 32' 34.44"
	390.29750	0+390.29750	198263.33075	220176.09507	90° 28' 28.99"
	391.44960	0+391.44960	198263.32386	220177.24714	90° 12' 38.44"
	391.45850	0+391.45850	198263.32383	220177.25604	90° 12' 31.10"
	391.69550	0+391.69550	198263.32308	220177.49304	90° 9' 15.56"
	391.81290	0+391.81290	198263.32279	220177.61044	90° 7' 38.69"
	392.09250	0+392.09250	198263.32233	220177.89004	90° 3' 48.01"
	393.76380	0+393.76380	198263.32607	220179.56133	89° 40' 49.09"
	396.52650	0+396.52650	198263.35674	220182.32385	89° 2' 49.70"
	396.58730	0+396.58730	198263.35776	220182.38464	89° 1' 59.53"
	398.34350	0+398.34350	198263.39356	220184.14047	88° 37' 50.56"
	400.00000	0+400.00000	198263.43863	220185.79636	88° 15' 3.85"
	400.34320	0+400.34320	198263.44934	220186.13939	88° 10' 20.69"
	400.36100	0+400.36100	198263.44991	220186.15718	88° 10' 6.01"
	400.73650	0+400.73650	198263.46220	220186.53248	88° 4' 56.20"
	400.81830	0+400.81830	198263.46495	220186.61423	88° 3' 48.71"
	401.02320	0+401.02320	198263.47195	220186.81901	88° 0' 59.65"
	408.61540	0+408.61540	198263.84989	220194.40151	86° 16' 35.64"
	408.91970	0+408.91970	198263.86983	220194.70515	86° 12' 24.57"
EC	416.21187	0+416.21187	198264.45829	220201.97329	84° 32' 8.10"

IP6 (좌향)

구 분	크 로 소 이 드		교각(IA)	7° 42' 2.74"	
IP좌표	X	198266.59512	방위각	1	84° 32' 8.10"
	Y	220224.31053		2	76° 50' 5.36"

R 1	250.00000	A	129.61656	R 2	0.00000
L 1	67.20181	원중심 좌표 1		L 2	0.00000
X 1	67.08052	X	198513.32217	X 2	0.00000
Y 1	3.00684	Y 2	220178.16640	Y 2	0.00000
T 1	0.13440	원중심 좌표 2		T 2	0.00000
TL1	44.84367	X	0.00000	TL2	0.00000
TK1	22.43921	Y 2	0.00000	TK2	0.00000

구분	누가거리	X 좌표	Y 좌표
K E	416.21187	198264.45829	220201.97329
K A	483.41368	198276.80868	220267.97559

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KE	416.21187	0+416.21187	198264.45829	220201.97329	84° 32' 8.10"
	417.42290	0+417.42290	198264.57652	220203.17853	84° 15' 37.93"
	420.00000	0+420.00000	198264.84704	220205.74138	83° 41' 30.76"
	420.91070	0+420.91070	198264.94866	220206.64639	83° 29' 46.82"
	422.02490	0+422.02490	198265.07714	220207.75316	83° 15' 39.44"
	422.06770	0+422.06770	198265.08216	220207.79566	83° 15' 7.19"
	422.44220	0+422.44220	198265.12642	220208.16754	83° 10' 25.99"
	422.47650	0+422.47650	198265.13050	220208.20159	83° 10' 0.32"
	422.59920	0+422.59920	198265.14513	220208.32342	83° 8' 28.62"
	423.53410	0+423.53410	198265.25834	220209.25144	82° 56' 55.95"
	428.51810	0+428.51810	198265.91283	220214.19222	81° 58' 24.39"
	430.00670	0+430.00670	198266.12424	220215.66573	81° 41' 54.72"
	437.60130	0+437.60130	198267.30707	220223.16749	80° 24' 49.04"
	440.00000	0+440.00000	198267.71414	220225.53139	80° 2' 55.20"
	441.59950	0+441.59950	198267.99376	220227.10626	79° 48' 58.37"
	441.78750	0+441.78750	198268.02705	220227.29129	79° 47' 22.07"
	442.26010	0+442.26010	198268.11109	220227.75636	79° 43' 21.92"
	442.41200	0+442.41200	198268.13822	220227.90582	79° 42' 5.31"
	443.63470	0+443.63470	198268.35859	220229.10849	79° 31' 58.99"
	443.67810	0+443.67810	198268.36648	220229.15117	79° 31' 37.80"
	444.95340	0+444.95340	198268.60016	220230.40488	79° 21' 25.64"
	450.83260	0+450.83260	198269.72284	220236.17585	78° 38' 41.72"
	451.21000	0+451.21000	198269.79728	220236.54584	78° 36' 11.63"
	451.34660	0+451.34660	198269.82429	220236.67974	78° 35' 17.74"
	460.00000	0+460.00000	198271.60012	220245.14889	77° 46' 10.58"
	461.91880	0+461.91880	198272.00905	220247.02361	77° 37' 21.61"
	463.88640	0+463.88640	198272.43314	220248.94496	77° 29' 6.13"
	468.16730	0+468.16730	198273.37043	220253.12199	77° 13' 52.31"
	468.30550	0+468.30550	198273.40098	220253.25677	77° 13' 26.56"
	470.09250	0+470.09250	198273.79750	220254.99922	77° 8' 14.69"
	472.53040	0+472.53040	198274.34237	220257.37545	77° 2' 12.46"
	480.00000	0+480.00000	198276.03157	220264.65154	76° 51' 16.90"
	481.66210	0+481.66210	198276.40979	220266.27003	76° 50' 24.19"
	482.46130	0+482.46130	198276.59177	220267.04824	76° 50' 10.93"
KA	483.41368	0+483.41368	198276.80868	220267.97559	76° 50' 5.36"

IP7 (좌향)

구 분	원 곡 선		교각(IA)	0° 0' 0.00"	
IP좌표	X	198308.75003	방위각	1	76° 50' 5.36"
	Y	220404.53149		2	76° 50' 5.36"

부산외곽순환 고속도로 건설공사 실시설계

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	483.41368	198276.80868	220267.97559
E C	763.89729	198340.69138	220541.08740

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	483.41368	0+483.41368	198276.80868	220267.97559	76° 50' 5.36"
	493.48220	0+493.48220	198279.10187	220277.77949	76° 50' 5.36"
	500.00000	0+500.00000	198280.58636	220284.12598	76° 50' 5.36"
	509.06520	0+509.06520	198282.65105	220292.95293	76° 50' 5.36"
	514.21640	0+514.21640	198283.82428	220297.96874	76° 50' 5.36"
	515.00460	0+515.00460	198284.00380	220298.73622	76° 50' 5.36"
	520.00000	0+520.00000	198285.14155	220303.60033	76° 50' 5.36"
	522.21280	0+522.21280	198285.64553	220305.75497	76° 50' 5.36"
	522.51940	0+522.51940	198285.71536	220306.05352	76° 50' 5.36"
	527.67680	0+527.67680	198286.89001	220311.07537	76° 50' 5.36"
	530.00000	0+530.00000	198287.41914	220313.33751	76° 50' 5.36"
	533.23770	0+533.23770	198288.15655	220316.49011	76° 50' 5.36"
	534.80230	0+534.80230	198288.51290	220318.01359	76° 50' 5.36"
	540.00000	0+540.00000	198289.69673	220323.07468	76° 50' 5.36"
	544.26090	0+544.26090	198290.66719	220327.22359	76° 50' 5.36"
	548.52260	0+548.52260	198291.63783	220331.37329	76° 50' 5.36"
	548.98050	0+548.98050	198291.74212	220331.81915	76° 50' 5.36"
	554.64160	0+554.64160	198293.03149	220337.33146	76° 50' 5.36"
	555.30970	0+555.30970	198293.18365	220337.98200	76° 50' 5.36"
	555.78900	0+555.78900	198293.29282	220338.44871	76° 50' 5.36"
	556.20470	0+556.20470	198293.38750	220338.85348	76° 50' 5.36"
	557.61230	0+557.61230	198293.70809	220340.22409	76° 50' 5.36"
	560.00000	0+560.00000	198294.25191	220342.54903	76° 50' 5.36"
	562.00000	0+562.00000	198294.70743	220344.49647	76° 50' 5.36"
	563.15260	0+563.15260	198294.96994	220345.61877	76° 50' 5.36"
	563.15300	0+563.15300	198294.97004	220345.61916	76° 50' 5.36"
	565.50000	0+565.50000	198295.50459	220347.90448	76° 50' 5.36"
	580.00000	0+580.00000	198298.80709	220362.02338	76° 50' 5.36"
	590.00000	0+590.00000	198301.08468	220371.76056	76° 50' 5.36"
	600.00000	0+600.00000	198303.36228	220381.49773	76° 50' 5.36"
	620.00000	0+620.00000	198307.91746	220400.97208	76° 50' 5.36"
	627.60000	0+627.60000	198309.64843	220408.37234	76° 50' 5.36"
	627.75000	0+627.75000	198309.68259	220408.51839	76° 50' 5.36"
	628.20000	0+628.20000	198309.78508	220408.95657	76° 50' 5.36"
	628.35000	0+628.35000	198309.81925	220409.10262	76° 50' 5.36"
	630.90000	0+630.90000	198310.40003	220411.58560	76° 50' 5.36"

	631.00000	0+631.00000	198310.42281	220411.68297	76° 50' 5.36"
	631.60000	0+631.60000	198310.55946	220412.26721	76° 50' 5.36"
	631.70000	0+631.70000	198310.58224	220412.36458	76° 50' 5.36"
	640.00000	0+640.00000	198312.47264	220420.44643	76° 50' 5.36"
	650.00000	0+650.00000	198314.75023	220430.18361	76° 50' 5.36"
	660.00000	0+660.00000	198317.02782	220439.92078	76° 50' 5.36"
	680.00000	0+680.00000	198321.58301	220459.39513	76° 50' 5.36"
	700.00000	0+700.00000	198326.13819	220478.86948	76° 50' 5.36"
	720.00000	0+720.00000	198330.69337	220498.34383	76° 50' 5.36"
	731.10000	0+731.10000	198333.22150	220509.15210	76° 50' 5.36"
	731.40000	0+731.40000	198333.28982	220509.44421	76° 50' 5.36"
	732.30000	0+732.30000	198333.49481	220510.32056	76° 50' 5.36"
	732.60000	0+732.60000	198333.56314	220510.61267	76° 50' 5.36"
	734.30000	0+734.30000	198333.95033	220512.26799	76° 50' 5.36"
	734.30000	0+734.30000	198333.95033	220512.26799	76° 50' 5.36"
	735.20000	0+735.20000	198334.15531	220513.14434	76° 50' 5.36"
	735.20000	0+735.20000	198334.15531	220513.14434	76° 50' 5.36"
	735.90000	0+735.90000	198334.31474	220513.82594	76° 50' 5.36"
	736.70000	0+736.70000	198334.49695	220514.60491	76° 50' 5.36"
	740.00000	0+740.00000	198335.24855	220517.81818	76° 50' 5.36"
	753.70000	0+753.70000	198338.36885	220531.15811	76° 50' 5.36"
	754.40000	0+754.40000	198338.52828	220531.83971	76° 50' 5.36"
	760.00000	0+760.00000	198339.80374	220537.29253	76° 50' 5.36"
EC	763.89729	0+763.89729	198340.69138	220541.08740	76° 50' 5.36"

IP8 (좌향)

구분	크로소이드		교각(IA)	7° 41' 21.39"	
IP좌표	X	198347.21829	방위각	1	76° 50' 5.36"
	Y	220568.99128		2	69° 8' 43.97"

R 1	0.00000	A	82.89271	R 2	160.00000
L 1	0.00000	원중심 좌표 1		L 2	42.94501
X 1	0.00000	X	0.00000	X 2	42.86773
Y 1	0.00000	Y 2	0.00000	Y 2	1.91865
T 1	0.00000	원중심 좌표 2		T 2	0.13420
TL1	0.00000	X	198501.84116	TL2	28.65706
TK1	0.00000	Y 2	220525.43223	TK2	14.33960

구분	누가거리	X 좌표	Y 좌표
K A	763.89729	198340.69138	220541.08740
K E	806.84230	198352.32312	220582.39146

부산외곽순환 고속도로 건설공사 실시설계

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KA	763.89729	0+763.89729	198340.69138	220541.08740	76° 50' 5.36"
	764.40000	0+764.40000	198340.80588	220541.57689	76° 50' 1.57"
	765.00000	0+765.00000	198340.94256	220542.16111	76° 49' 47.11"
	765.30000	0+765.30000	198341.01092	220542.45322	76° 49' 35.83"
	766.30000	0+766.30000	198341.23895	220543.42688	76° 48' 38.71"
	767.20000	0+767.20000	198341.44445	220544.30310	76° 47' 21.64"
	774.80000	0+774.80000	198343.20516	220551.69631	76° 20' 21.21"
	780.00000	0+780.00000	198344.45740	220556.74326	75° 45' 13.47"
	782.20000	0+782.20000	198345.00454	220558.87413	75° 26' 17.39"
	784.30000	0+784.30000	198345.53843	220560.90513	75° 5' 57.40"
	800.00000	0+800.00000	198350.01739	220575.94983	71° 24' 2.07"
KE	806.84230	0+806.84230	198352.32312	220582.39146	69° 8' 43.97"

IP9 (좌향)

구 분	원 곡 선		교각(IA)	38° 59' 18.39"	
IP좌표	X	198372.48698	방위각	1	69° 8' 43.97"
	Y	220635.32161		2	30° 9' 25.58"

원 중심 좌표	X	198501.84116	R	160.00000	C L	108.87627
	Y	220525.43223	T L	56.64081	S L	9.72973

구분	누가거리	X 좌표	Y 좌표
B C	806.84230	198352.32312	220582.39146
E C	915.71857	198421.46152	220663.77641

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	806.84230	0+806.84230	198352.32312	220582.39146	69° 8' 43.97"
	820.00000	0+820.00000	198357.50720	220594.48083	64° 26' 1.66"
	835.00000	0+835.00000	198364.60485	220607.68911	59° 3' 44.33"
	840.00000	0+840.00000	198367.24196	220611.93688	57° 16' 18.56"
	860.00000	0+860.00000	198379.07709	220628.04306	50° 6' 35.46"
	878.90000	0+878.90000	198392.02533	220641.79581	43° 20' 30.43"
	880.00000	0+880.00000	198392.82792	220642.54804	42° 56' 52.36"
	883.60000	0+883.60000	198395.49040	220644.97098	41° 39' 31.40"
	895.00000	0+895.00000	198404.27016	220652.23877	37° 34' 35.03"
	900.00000	0+900.00000	198408.27986	220655.22546	35° 47' 9.26"
	901.20000	0+901.20000	198409.25593	220655.92351	35° 21' 22.27"
	910.80000	0+910.80000	198417.24732	220661.24048	31° 55' 6.38"
	912.80000	0+912.80000	198418.95148	220662.28726	31° 12' 8.07"
	915.00000	0+915.00000	198420.84102	220663.41402	30° 24' 51.93"
	915.00000	0+915.00000	198420.84102	220663.41402	30° 24' 51.93"

	915.00000	0+915.00000	198420.84102	220663.41402	30° 24' 51.93"
	915.00000	0+915.00000	198420.84102	220663.41402	30° 24' 51.93"
	915.00000	0+915.00000	198420.84102	220663.41402	30° 24' 51.93"
	915.30000	0+915.30000	198421.09987	220663.56566	30° 18' 25.18"
	915.30000	0+915.30000	198421.09987	220663.56566	30° 18' 25.18"
EC	915.71857	0+915.71857	198421.46152	220663.77641	30° 9' 25.58"

IP10 (좌향)

구분	크로소이드		교각(IA)	11° 46' 47.85"	
IP좌표	X	198440.50048	방위각	1	30° 9' 25.58"
	Y	220674.83828		2	18° 22' 37.73"

R 1	160.00000	A	102.59957	R 2	0.00000
L 1	65.79170	원중심 좌표 1		L 2	0.00000
X 1	65.51413	X	198501.84116	X 2	0.00000
Y 1	4.49531	Y 2	220525.43223	Y 2	0.00000
T 1	0.20560	원중심 좌표 2		T 2	0.00000
TL1	43.95864	X	0.00000	TL2	0.00000
TK1	22.01924	Y 2	0.00000	TK2	0.00000

구분	누가거리	X 좌표	Y 좌표
K E	915.71857	198421.46152	220663.77641
K A	981.51027	198482.21731	220688.69714

구분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KE	915.71857	0+915.71857	198421.46152	220663.77641	30° 9' 25.58"
	920.00000	0+920.00000	198425.19119	220665.87858	28° 40' 25.75"
	922.70000	0+922.70000	198427.57005	220667.15564	27° 47' 22.96"
	923.70000	0+923.70000	198428.45601	220667.61941	27° 28' 20.40"
	924.20000	0+924.20000	198428.89994	220667.84946	27° 18' 56.47"
	924.50000	0+924.50000	198429.16660	220667.98691	27° 13' 20.46"
	924.50000	0+924.50000	198429.16660	220667.98691	27° 13' 20.46"
	924.50000	0+924.50000	198429.16660	220667.98691	27° 13' 20.46"
	935.00000	0+935.00000	198438.62739	220672.53872	24° 15' 51.19"
	935.00000	0+935.00000	198438.62739	220672.53872	24° 15' 51.19"
	936.40000	0+936.40000	198439.90547	220673.11013	23° 54' 54.51"
	936.40000	0+936.40000	198439.90547	220673.11013	23° 54' 54.51"
	936.70000	0+936.70000	198440.17979	220673.23157	23° 50' 30.21"
	940.00000	0+940.00000	198443.20723	220674.54474	23° 3' 59.39"
	941.30000	0+941.30000	198444.40458	220675.05105	22° 46' 38.56"
	945.00000	0+945.00000	198447.82575	220676.46009	22° 0' 17.46"
	960.00000	0+960.00000	198461.85469	220681.76638	19° 38' 10.84"

부산외곽순환 고속도로 건설공사 실시설계

	980.00000	0+980.00000	198480.78408	220688.22095	18° 23' 0.08"
KA	981.51027	0+981.51027	198482.21731	220688.69714	18° 22' 37.73"

IP11 (좌향)

구 분	원 곡 선		교각(IA)	0° 0' 0.00"	
IP좌표	X	198585.77595	방위각	1	18° 22' 37.73"
	Y	220723.10065		2	18° 22' 37.73"

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	981.51027	198482.21731	220688.69714
E C	1199.75777	198689.33459	220757.50415

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	981.51027	0+981.51027	198482.21731	220688.69714	18° 22' 37.73"
	990.00000	0+990.00000	198490.27408	220691.37370	18° 22' 37.73"
	1000.00000	1+ 0.00000	198499.76410	220694.52641	18° 22' 37.73"
	1002.80000	1+ 2.80000	198502.42130	220695.40917	18° 22' 37.73"
	1002.80000	1+ 2.80000	198502.42130	220695.40917	18° 22' 37.73"
	1003.30000	1+ 3.30000	198502.89581	220695.56680	18° 22' 37.73"
	1003.30000	1+ 3.30000	198502.89581	220695.56680	18° 22' 37.73"
	1020.00000	1+ 20.00000	198518.74414	220700.83182	18° 22' 37.73"
	1037.20000	1+ 37.20000	198535.06697	220706.25447	18° 22' 37.73"
	1037.20000	1+ 37.20000	198535.06697	220706.25447	18° 22' 37.73"
	1037.70000	1+ 37.70000	198535.54147	220706.41211	18° 22' 37.73"
	1037.70000	1+ 37.70000	198535.54147	220706.41211	18° 22' 37.73"
	1040.00000	1+ 40.00000	198537.72417	220707.13723	18° 22' 37.73"
	1060.00000	1+ 60.00000	198556.70421	220713.44264	18° 22' 37.73"
	1080.00000	1+ 80.00000	198575.68425	220719.74805	18° 22' 37.73"
	1100.00000	1+100.00000	198594.66428	220726.05346	18° 22' 37.73"
	1120.00000	1+120.00000	198613.64432	220732.35887	18° 22' 37.73"
	1140.00000	1+140.00000	198632.62436	220738.66429	18° 22' 37.73"
	1160.00000	1+160.00000	198651.60439	220744.96970	18° 22' 37.73"
	1180.00000	1+180.00000	198670.58443	220751.27511	18° 22' 37.73"
EC	1199.75777	1+199.75777	198689.33459	220757.50415	18° 22' 37.73"

IP12 (좌향)

구분	원 곡 선		교각(1A)	6° 56' 14.32"	
IP좌표	X	198729.60023	방위각	1	18° 22' 37.73"
	Y	220770.88091		2	11° 26' 23.41"

원 중심 좌표	X	198910.02398	R	700.00000	C L	84.75524
	Y	220093.20287	T L	42.42947	S L	1.28472

구분	누가거리	X 좌표	Y 좌표
B C	1199.75777	198689.33459	220757.50415
E C	1284.51301	198771.18678	220779.29632

구분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
EC	1199.75777	1+199.75777	198689.33459	220757.50415	18° 22' 37.73"
	1200.00000	1+200.00000	198689.56448	220757.58048	18° 21' 26.35"
	1220.00000	1+220.00000	198708.63409	220763.60731	16° 43' 13.07"
	1240.00000	1+240.00000	198727.86809	220769.08691	15° 4' 59.79"
	1241.20000	1+241.20000	198729.02702	220769.39818	14° 59' 6.20"
	1241.20000	1+241.20000	198729.02702	220769.39818	14° 59' 6.20"
	1241.70000	1+241.70000	198729.51006	220769.52729	14° 56' 38.87"
	1241.70000	1+241.70000	198729.51006	220769.52729	14° 56' 38.87"
	1260.00000	1+260.00000	198747.25078	220774.01480	13° 26' 46.51"
	1280.00000	1+280.00000	198766.76634	220778.38697	11° 48' 33.23"
EC	1284.51301	1+284.51301	198771.18678	220779.29632	11° 26' 23.41"

IP13 (좌향)

구분	원 곡 선		교각(1A)	0° 0' 0.00"	
IP좌표	X	198862.74819	방위각	1	11° 26' 23.41"
	Y	220797.82460		2	11° 26' 23.41"

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	1284.51301	198771.18678	220779.29632
E C	1471.34759	198954.30961	220816.35288

구분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
EC	1284.51301	1+284.51301	198771.18678	220779.29632	11° 26' 23.41"
	1300.00000	1+300.00000	198786.36609	220782.36800	11° 26' 23.41"

부산외곽순환 고속도로 건설공사 실시설계

	1320.00000	1+320.00000	198805.96876	220786.33477	11 ° 26' 23.41"
	1340.00000	1+340.00000	198825.57143	220790.30155	11 ° 26' 23.41"
	1360.00000	1+360.00000	198845.17410	220794.26833	11 ° 26' 23.41"
	1365.30000	1+365.30000	198850.36881	220795.31952	11 ° 26' 23.41"
	1369.30000	1+369.30000	198854.28935	220796.11288	11 ° 26' 23.41"
	1369.30000	1+369.30000	198854.28935	220796.11288	11 ° 26' 23.41"
	1380.00000	1+380.00000	198864.77677	220798.23511	11 ° 26' 23.41"
	1400.00000	1+400.00000	198884.37944	220802.20188	11 ° 26' 23.41"
	1420.00000	1+420.00000	198903.98211	220806.16866	11 ° 26' 23.41"
	1440.00000	1+440.00000	198923.58478	220810.13544	11 ° 26' 23.41"
	1460.00000	1+460.00000	198943.18745	220814.10221	11 ° 26' 23.41"
EC	1471.34759	1+471.34759	198954.30961	220816.35288	11 ° 26' 23.41"

IP14 (좌향)

구 분	원 곡 선		교각(IA)	1 ° 57' 15.27"	
IP좌표	X	198987.95716	방위각	1	11 ° 26' 23.41"
	Y	220823.16177		2	9 ° 29' 8.14"

원 중심 좌표	X	199353.52606	R	2012.80000	C L	68.65247
	Y	218843.54015	T L	34.32956	S L	0.29273

구분	누가거리	X 좌표	Y 좌표
B C	1471.34759	198954.30961	220816.35288
E C	1540.00006	199021.81734	220828.81927

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
EC	1471.34759	1+471.34759	198954.30961	220816.35288	11 ° 26' 23.41"
	1480.00000	1+480.00000	198962.79379	220818.05076	11 ° 11' 36.74"
	1500.00000	1+500.00000	198982.43229	220821.83570	10 ° 37' 27.21"
	1520.00000	1+520.00000	199002.10744	220825.42531	10 ° 3' 17.68"
	1540.00000	1+540.00000	199021.81728	220828.81926	9 ° 29' 8.15"
EC	1540.00006	1+540.00006	199021.81734	220828.81927	9 ° 29' 8.14"
	1560.00000	1+560.00000	199041.54382	220832.11525	9 ° 29' 8.14"
	1580.00000	1+580.00000	199061.27036	220835.41124	9 ° 29' 8.14"
	1600.00000	1+600.00000	199080.99691	220838.70724	9 ° 29' 8.14"
EP	1610.00000	1+610.00000	199090.86018	220840.35523	9 ° 29' 8.14"

EP

EP 좌표	X	199090.86018	방위각	9 ° 29' 8.14"
	Y	220840.35523		

나. RAMP-B

BP

BP 좌표	X	198401.35611	방위각	102 ° 44' 54.32"
	Y	219816.33926		

IP1 (우향)

구 분	크 로 소 이 드		교각(IA)	3 ° 16' 58.91"	
IP좌표	X	198396.60111	방위각	1	102 ° 44' 54.32"
	Y	219837.35604		2	106 ° 1' 53.24"

R 1	1694.90000	A	132.00000	R 2	380.00000
L 1	10.28025	원중심 좌표 1		L 2	45.85263
X 1	10.28024	X	196748.23812	X 2	45.83594
Y 1	0.01039	Y 2	219442.32467	Y 2	0.92189
T 1	0.00303	원중심 좌표 2		T 2	0.06033
TL1	6.85350	X	198027.50370	TL2	30.57425
TK1	3.42675	Y 2	219745.90093	TK2	15.28951

구분	누가거리	X 좌표	Y 좌표
K A E	0.00000	198401.35611	219816.33926
K E	35.57238	198392.72558	219850.84365

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KAE	0.00000	0+ 0.00000	198401.35611	219816.33926	102 ° 44' 54.32"
	19.93190	0+ 19.93190	198396.76985	219835.73588	104 ° 4' 31.48"
	19.93200	0+ 19.93200	198396.76983	219835.73598	104 ° 4' 31.52"
	19.93920	0+ 19.93920	198396.76808	219835.74296	104 ° 4' 34.09"
	19.94740	0+ 19.94740	198396.76608	219835.75091	104 ° 4' 37.03"
	19.94750	0+ 19.94750	198396.76606	219835.75101	104 ° 4' 37.06"
	19.94790	0+ 19.94790	198396.76596	219835.75140	104 ° 4' 37.20"
	19.96330	0+ 19.96330	198396.76222	219835.76634	104 ° 4' 42.72"
	19.96340	0+ 19.96340	198396.76219	219835.76643	104 ° 4' 42.75"
	19.97610	0+ 19.97610	198396.75910	219835.77875	104 ° 4' 47.30"
	19.97630	0+ 19.97630	198396.75905	219835.77895	104 ° 4' 47.37"
	19.99170	0+ 19.99170	198396.75531	219835.79388	104 ° 4' 52.89"
	19.99180	0+ 19.99180	198396.75528	219835.79398	104 ° 4' 52.93"
	20.00000	0+ 20.00000	198396.75329	219835.80193	104 ° 4' 55.86"
KE	35.57238	0+ 35.57238	198392.72558	219850.84365	106 ° 1' 53.24"

IP2 (우향)

구 분	원 국 선		교각(IA)	16° 2' 50.96"	
IP좌표	X	198377.93250	방위각	1	106° 1' 53.24"
	Y	219902.32659		2	122° 4' 44.19"

원 중심 좌표	X	198027.50370	R	380.00000	C L	106.43097
	Y	219745.90093	T L	53.56611	S L	3.75686

구분	누가거리	X 좌표	Y 좌표
B C	35.57238	198392.72558	219850.84365
E C	142.00335	198349.48422	219947.71407

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	35.57238	0+ 35.57238	198392.72558	219850.84365	106° 1' 53.24"
	38.81169	0+ 38.81169	198391.81774	219853.95313	106° 31' 11.54"
	38.87280	0+ 38.87280	198391.80036	219854.01172	106° 31' 44.71"
	38.93480	0+ 38.93480	198391.78272	219854.07115	106° 32' 18.37"
	38.98420	0+ 38.98420	198391.76865	219854.11851	106° 32' 45.18"
	39.04590	0+ 39.04590	198391.75107	219854.17765	106° 33' 18.67"
	39.81170	0+ 39.81170	198391.53213	219854.91149	106° 40' 14.35"
	39.81170	0+ 39.81170	198391.53213	219854.91149	106° 40' 14.35"
	39.84080	0+ 39.84080	198391.52378	219854.93936	106° 40' 30.14"
	39.87590	0+ 39.87590	198391.51371	219854.97299	106° 40' 49.20"
	39.87670	0+ 39.87670	198391.51348	219854.97375	106° 40' 49.63"
	39.94110	0+ 39.94110	198391.49499	219855.03544	106° 41' 24.59"
	39.99310	0+ 39.99310	198391.48005	219855.08525	106° 41' 52.81"
	40.00000	0+ 40.00000	198391.47807	219855.09186	106° 41' 56.56"
	40.05790	0+ 40.05790	198391.46142	219855.14732	106° 42' 27.99"
	59.66800	0+ 59.66800	198385.34168	219873.77577	109° 39' 52.39"
	59.72760	0+ 59.72760	198385.32162	219873.83190	109° 40' 24.74"
	59.80420	0+ 59.80420	198385.29583	219873.90402	109° 41' 6.32"
	59.80550	0+ 59.80550	198385.29539	219873.90525	109° 41' 7.03"
	59.94220	0+ 59.94220	198385.24932	219874.03395	109° 42' 21.23"
	60.00000	0+ 60.00000	198385.22983	219874.08836	109° 42' 52.60"
	60.04970	0+ 60.04970	198385.21306	219874.13515	109° 43' 19.58"
	60.18870	0+ 60.18870	198385.16613	219874.26599	109° 44' 35.03"
	70.00000	0+ 70.00000	198381.73300	219883.45674	111° 13' 20.62"
	75.00000	0+ 75.00000	198379.89245	219888.10561	111° 58' 34.63"
	79.51040	0+ 79.51040	198378.17977	219892.27816	112° 39' 22.89"
	79.60900	0+ 79.60900	198378.14178	219892.36915	112° 40' 16.41"
	79.74250	0+ 79.74250	198378.09030	219892.49232	112° 41' 28.87"
	79.74980	0+ 79.74980	198378.08748	219892.49906	112° 41' 32.83"
	79.98320	0+ 79.98320	198377.99737	219892.71436	112° 43' 39.52"

제6장 선형계산부

	80.00000	0+ 80.00000	198377.99088	219892.72986	112° 43' 48.64"
	80.16190	0+ 80.16190	198377.92829	219892.87917	112° 45' 16.52"
	80.40510	0+ 80.40510	198377.83416	219893.10341	112° 47' 28.53"
	82.50000	0+ 82.50000	198377.01732	219895.03250	113° 6' 25.65"
	82.90000	0+ 82.90000	198376.86015	219895.40033	113° 10' 2.77"
	83.46260	0+ 83.46260	198376.63843	219895.91739	113° 15' 8.15"
	83.60690	0+ 83.60690	198376.58144	219896.04996	113° 16' 26.48"
	85.64440	0+ 85.64440	198375.77135	219897.91950	113° 34' 52.44"
	86.00000	0+ 86.00000	198375.62894	219898.24533	113° 38' 5.46"
	86.63420	0+ 86.63420	198375.37420	219898.82612	113° 43' 49.70"
	86.76040	0+ 86.76040	198375.32339	219898.94165	113° 44' 58.20"
	89.40540	0+ 89.40540	198374.24973	219901.35893	114° 8' 53.91"
	90.22780	0+ 90.22780	198373.91248	219902.10899	114° 16' 20.32"
	90.22790	0+ 90.22790	198373.91243	219902.10908	114° 16' 20.37"
	99.33230	0+ 99.33230	198370.07079	219910.36305	115° 38' 42.26"
	99.48260	0+ 99.48260	198370.00571	219910.49853	115° 40' 3.84"
	99.48270	0+ 99.48270	198370.00567	219910.49862	115° 40' 3.89"
	99.69680	0+ 99.69680	198369.91288	219910.69157	115° 42' 0.11"
	99.69690	0+ 99.69690	198369.91283	219910.69166	115° 42' 0.16"
	99.71530	0+ 99.71530	198369.90485	219910.70824	115° 42' 10.15"
	100.00000	0+100.00000	198369.78128	219910.96472	115° 44' 44.69"
	100.08280	0+100.08280	198369.74531	219911.03930	115° 45' 29.63"
	100.35600	0+100.35600	198369.62649	219911.28531	115° 47' 57.92"
	100.38870	0+100.38870	198369.61226	219911.31475	115° 48' 15.67"
	100.74730	0+100.74730	198369.45601	219911.63752	115° 51' 30.32"
	100.76150	0+100.76150	198369.44982	219911.65029	115° 51' 38.03"
	101.03830	0+101.03830	198369.32899	219911.89933	115° 54' 8.28"
	101.43570	0+101.43570	198369.15520	219912.25672	115° 57' 43.99"
	109.19500	0+109.19500	198365.68736	219919.19781	117° 7' 55.75"
	109.66920	0+109.66920	198365.47085	219919.61969	117° 12' 13.15"
	110.12110	0+110.12110	198365.26402	219920.02148	117° 16' 18.44"
	110.45230	0+110.45230	198365.11213	219920.31580	117° 19' 18.22"
	110.93850	0+110.93850	198364.88869	219920.74762	117° 23' 42.13"
	119.12700	0+119.12700	198361.04294	219927.97666	118° 37' 46.86"
	119.34540	0+119.34540	198360.93824	219928.16833	118° 39' 45.41"
	119.34550	0+119.34550	198360.93819	219928.16842	118° 39' 45.46"
	119.67190	0+119.67190	198360.78151	219928.45475	118° 42' 42.64"
	119.67200	0+119.67200	198360.78146	219928.45484	118° 42' 42.69"
	119.70820	0+119.70820	198360.76407	219928.48659	118° 43' 2.34"
	120.00000	0+120.00000	198360.62377	219928.74245	118° 45' 40.73"
	120.25930	0+120.25930	198360.49892	219928.96971	118° 48' 1.48"
	120.59150	0+120.59150	198360.33876	219929.26075	118° 51' 1.80"
	120.65750	0+120.65750	198360.30690	219929.31856	118° 51' 37.62"
	121.15190	0+121.15190	198360.06799	219929.75140	118° 56' 5.98"
	121.25580	0+121.25580	198360.01771	219929.84232	118° 57' 2.38"

부산외곽순환 고속도로 건설공사 실시설계

	121.55650	0+121.55650	198359.87205	219930.10539	118° 59' 45.60"
	122.16570	0+122.16570	198359.57631	219930.63799	119° 5' 16.28"
	128.97360	0+128.97360	198356.21354	219936.55728	120° 6' 51.62"
	129.67760	0+129.67760	198355.85976	219937.16593	120° 13' 13.75"
	130.34250	0+130.34250	198355.52459	219937.74017	120° 19' 14.66"
	130.81670	0+130.81670	198355.28494	219938.14936	120° 23' 32.06"
	131.54470	0+131.54470	198354.91603	219938.77697	120° 30' 7.22"
	138.88790	0+138.88790	198351.12795	219945.06755	121° 36' 33.12"
	139.19460	0+139.19460	198350.96710	219945.32868	121° 39' 19.60"
	139.19470	0+139.19470	198350.96705	219945.32876	121° 39' 19.65"
	139.67280	0+139.67280	198350.71588	219945.73557	121° 43' 39.17"
	139.67290	0+139.67290	198350.71583	219945.73566	121° 43' 39.22"
	139.73410	0+139.73410	198350.68364	219945.78771	121° 44' 12.44"
	140.00000	0+140.00000	198350.54369	219946.01380	121° 46' 36.77"
	140.53070	0+140.53070	198350.26390	219946.46476	121° 51' 24.84"
	140.86330	0+140.86330	198350.08823	219946.74718	121° 54' 25.37"
	141.09180	0+141.09180	198349.96740	219946.94112	121° 56' 29.40"
	141.67580	0+141.67580	198349.65806	219947.43646	122° 1' 46.40"
	141.97110	0+141.97110	198349.50135	219947.68675	122° 4' 26.69"
EC	142.00335	0+142.00335	198349.48422	219947.71407	122° 4' 44.19"

IP3 (우향)

구분	크로소이드		교각(IA)	2° 54' 18.16"	
IP좌표	X	198342.66091	방위각	1	122° 4' 44.19"
	Y	219958.60024		2	124° 59' 2.36"

R 1	380.00000	A	121.00790	R 2	0.00000
L 1	38.53398	원중심 좌표 1		L 2	0.00000
X 1	38.52407	X	198027.50370	X 2	0.00000
Y 1	0.65114	Y 2	219745.90093	Y 2	0.00000
T 1	0.05070	원중심 좌표 2		T 2	0.00000
TL1	25.69278	X	0.00000	TL2	0.00000
TK1	12.84781	Y 2	0.00000	TK2	0.00000

구분	누가거리	X 좌표	Y 좌표
K E	142.00335	198349.48422	219947.71407
K A	180.53733	198327.93002	219979.65065

구분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
KE	142.00335	0+142.00335	198349.48422	219947.71407	122° 4' 44.19"
	142.24750	0+142.24750	198349.35449	219947.92090	122° 6' 56.30"
	143.14500	0+143.14500	198348.87647	219948.68051	122° 14' 54.70"

	148.73810	0+148.73810	198345.86002	219953.39043	123° 0' 20.37"
	149.72890	0+149.72890	198345.31943	219954.22076	123° 7' 37.27"
	150.67440	0+150.67440	198344.80194	219955.01207	123° 14' 21.30"
	151.32270	0+151.32270	198344.44622	219955.55407	123° 18' 51.06"
	152.34830	0+152.34830	198343.88207	219956.41056	123° 25' 45.71"
	158.60340	0+158.60340	198340.40704	219961.61153	124° 2' 33.91"
	158.61239	0+158.61239	198340.40201	219961.61898	124° 2' 36.69"
	159.02190	0+159.02190	198340.17265	219961.95824	124° 4' 41.98"
	159.68170	0+159.68170	198339.80269	219962.50456	124° 7' 58.88"
	159.69060	0+159.69060	198339.79770	219962.51192	124° 8' 1.50"
	159.69430	0+159.69430	198339.79562	219962.51498	124° 8' 2.58"
	160.00000	0+160.00000	198339.62403	219962.76798	124° 9' 31.68"
	160.79090	0+160.79090	198339.17959	219963.42220	124° 13' 16.08"
	160.80000	0+160.80000	198339.17447	219963.42972	124° 13' 18.61"
	161.08430	0+161.08430	198339.01453	219963.66477	124° 14' 37.08"
	161.48970	0+161.48970	198338.78632	219963.99983	124° 16' 27.01"
	161.49890	0+161.49890	198338.78114	219964.00744	124° 16' 29.48"
	162.21760	0+162.21760	198338.37612	219964.60114	124° 19' 38.58"
	162.59410	0+162.59410	198338.16373	219964.91202	124° 21' 14.74"
	162.60310	0+162.60310	198338.15865	219964.91945	124° 21' 17.02"
	162.91970	0+162.91970	198337.97994	219965.18079	124° 22' 36.29"
	164.02820	0+164.02820	198337.35345	219966.09527	124° 27' 2.73"
	168.45490	0+168.45490	198334.84099	219969.73988	124° 41' 54.16"
	169.53520	0+169.53520	198334.22564	219970.62779	124° 44' 49.80"
	170.85260	0+170.85260	198333.47426	219971.70991	124° 48' 1.75"
	171.56430	0+171.56430	198333.06795	219972.29423	124° 49' 35.27"
	172.67400	0+172.67400	198332.43391	219973.20496	124° 51' 46.86"
	178.23540	0+178.23540	198329.24971	219977.76457	124° 58' 25.03"
	178.87030	0+178.87030	198328.88577	219978.28480	124° 58' 42.78"
	179.21210	0+179.21210	198328.68982	219978.56486	124° 58' 49.99"
	179.87550	0+179.87550	198328.30948	219979.10840	124° 58' 59.27"
	180.00000	0+180.00000	198328.23810	219979.21041	124° 59' 0.32"
KA	180.53733	0+180.53733	198327.93002	219979.65065	124° 59' 2.36"

IP4 (좌향)

구 분	원 국 선		교각(1A)	0° 0' 0.00"	
IP좌표	X	198255.97727	방위각	1	124° 59' 2.36"
	Y	220082.47097		2	124° 59' 2.36"

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

부산외곽순환 고속도로 건설공사 실시설계

구분	누가거리	X 좌표	Y 좌표
B C	180.53733	198327.93002	219979.65065
E C	431.52910	198184.02452	220185.29129

구분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	180.53733	0+180.53733	198327.93002	219979.65065	124° 59' 2.36"
	180.89000	0+180.89000	198327.72782	219979.93960	124° 59' 2.36"
	180.94570	0+180.94570	198327.69588	219979.98523	124° 59' 2.36"
	181.54680	0+181.54680	198327.35125	219980.47772	124° 59' 2.36"
	182.53510	0+182.53510	198326.78461	219981.28745	124° 59' 2.36"
	182.69170	0+182.69170	198326.69482	219981.41575	124° 59' 2.36"
	183.33110	0+183.33110	198326.32822	219981.93962	124° 59' 2.36"
	184.28530	0+184.28530	198325.78113	219982.72141	124° 59' 2.36"
	188.41420	0+188.41420	198323.41384	219986.10427	124° 59' 2.36"
	189.19520	0+189.19520	198322.96605	219986.74415	124° 59' 2.36"
	190.70550	0+190.70550	198322.10013	219987.98156	124° 59' 2.36"
	191.26180	0+191.26180	198321.78117	219988.43734	124° 59' 2.36"
	191.80960	0+191.80960	198321.46709	219988.88616	124° 59' 2.36"
	192.00020	0+192.00020	198321.35781	219989.04232	124° 59' 2.36"
	192.59560	0+192.59560	198321.01644	219989.53014	124° 59' 2.36"
	197.83350	0+197.83350	198318.01331	219993.82161	124° 59' 2.36"
	198.45610	0+198.45610	198317.65634	219994.33172	124° 59' 2.36"
	198.80000	0+198.80000	198317.45917	219994.61348	124° 59' 2.36"
	199.40850	0+199.40850	198317.11028	219995.11203	124° 59' 2.36"
	200.00000	0+200.00000	198316.77115	219995.59666	124° 59' 2.36"
	200.17710	0+200.17710	198316.66961	219995.74176	124° 59' 2.36"
	200.59180	0+200.59180	198316.43184	219996.08152	124° 59' 2.36"
	200.81690	0+200.81690	198316.30278	219996.26595	124° 59' 2.36"
	201.00000	0+201.00000	198316.19780	219996.41597	124° 59' 2.36"
	201.27730	0+201.27730	198316.03881	219996.64316	124° 59' 2.36"
	201.57840	0+201.57840	198315.86618	219996.88986	124° 59' 2.36"
	201.79470	0+201.79470	198315.74216	219997.06707	124° 59' 2.36"
	201.90210	0+201.90210	198315.68059	219997.15507	124° 59' 2.36"
	202.24740	0+202.24740	198315.48261	219997.43798	124° 59' 2.36"
	202.85800	0+202.85800	198315.13252	219997.93825	124° 59' 2.36"
	203.00000	0+203.00000	198315.05111	219998.05459	124° 59' 2.36"
	203.00810	0+203.00810	198315.04646	219998.06123	124° 59' 2.36"
	203.34060	0+203.34060	198314.85582	219998.33365	124° 59' 2.36"
	203.45140	0+203.45140	198314.79230	219998.42443	124° 59' 2.36"
	203.55290	0+203.55290	198314.73410	219998.50759	124° 59' 2.36"
	204.01870	0+204.01870	198314.46704	219998.88923	124° 59' 2.36"
	204.04510	0+204.04510	198314.45190	219998.91086	124° 59' 2.36"
	204.45460	0+204.45460	198314.21712	219999.24636	124° 59' 2.36"
	205.03470	0+205.03470	198313.88452	219999.72165	124° 59' 2.36"
	206.03820	0+206.03820	198313.30916	220000.54383	124° 59' 2.36"

	206.46010	0+206.46010	198313.06727	220000.88949	124° 59' 2.36"
	206.51980	0+206.51980	198313.03304	220000.93841	124° 59' 2.36"
	207.01440	0+207.01440	198312.74946	220001.34364	124° 59' 2.36"
	208.30730	0+208.30730	198312.00818	220002.40293	124° 59' 2.36"
	208.80330	0+208.80330	198311.72380	220002.80931	124° 59' 2.36"
	211.38600	0+211.38600	198310.24302	220004.92534	124° 59' 2.36"
	211.77700	0+211.77700	198310.01884	220005.24570	124° 59' 2.36"
	212.27360	0+212.27360	198309.73411	220005.65257	124° 59' 2.36"
	217.62590	0+217.62590	198306.66538	220010.03777	124° 59' 2.36"
	218.06170	0+218.06170	198306.41552	220010.39483	124° 59' 2.36"
	220.00000	0+220.00000	198305.30420	220011.98290	124° 59' 2.36"
	220.29470	0+220.29470	198305.13523	220012.22435	124° 59' 2.36"
	220.73220	0+220.73220	198304.88439	220012.58280	124° 59' 2.36"
	221.09540	0+221.09540	198304.67616	220012.88038	124° 59' 2.36"
	221.53070	0+221.53070	198304.42658	220013.23702	124° 59' 2.36"
	223.46610	0+223.46610	198303.31692	220014.82272	124° 59' 2.36"
	228.13310	0+228.13310	198300.64111	220018.64645	124° 59' 2.36"
	231.00000	0+231.00000	198298.99738	220020.99534	124° 59' 2.36"
	231.57740	0+231.57740	198298.66633	220021.46841	124° 59' 2.36"
	234.43290	0+234.43290	198297.02913	220023.80795	124° 59' 2.36"
	237.74520	0+237.74520	198295.13003	220026.52176	124° 59' 2.36"
	238.32360	0+238.32360	198294.79841	220026.99565	124° 59' 2.36"
	240.00000	0+240.00000	198293.83725	220028.36915	124° 59' 2.36"
	240.06540	0+240.06540	198293.79975	220028.42273	124° 59' 2.36"
	240.61610	0+240.61610	198293.48401	220028.87393	124° 59' 2.36"
	240.63340	0+240.63340	198293.47409	220028.88810	124° 59' 2.36"
	241.14430	0+241.14430	198293.18117	220029.30669	124° 59' 2.36"
	241.71940	0+241.71940	198292.85144	220029.77787	124° 59' 2.36"
	242.80400	0+242.80400	198292.22958	220030.66650	124° 59' 2.36"
	243.38560	0+243.38560	198291.89612	220031.14301	124° 59' 2.36"
	244.01500	0+244.01500	198291.53526	220031.65869	124° 59' 2.36"
	247.89800	0+247.89800	198289.30895	220034.84008	124° 59' 2.36"
	249.77270	0+249.77270	198288.23410	220036.37604	124° 59' 2.36"
	251.22800	0+251.22800	198287.39970	220037.56839	124° 59' 2.36"
	254.30950	0+254.30950	198285.63293	220040.09310	124° 59' 2.36"
	258.52410	0+258.52410	198283.21650	220043.54617	124° 59' 2.36"
	258.83760	0+258.83760	198283.03676	220043.80302	124° 59' 2.36"
	259.14740	0+259.14740	198282.85914	220044.05685	124° 59' 2.36"
	259.99200	0+259.99200	198282.37489	220044.74884	124° 59' 2.36"
	260.00000	0+260.00000	198282.37030	220044.75539	124° 59' 2.36"
	260.44030	0+260.44030	198282.11786	220045.11614	124° 59' 2.36"
	261.56900	0+261.56900	198281.47072	220046.04089	124° 59' 2.36"
	261.75920	0+261.75920	198281.36167	220046.19673	124° 59' 2.36"
	261.82140	0+261.82140	198281.32601	220046.24769	124° 59' 2.36"
	263.21240	0+263.21240	198280.52848	220047.38735	124° 59' 2.36"

부산외곽순환 고속도로 건설공사 실시설계

	263.22020	0+263.22020	198280.52401	220047.39374	124° 59' 2.36"
	264.77290	0+264.77290	198279.63377	220048.66589	124° 59' 2.36"
	267.60840	0+267.60840	198278.00804	220050.98905	124° 59' 2.36"
	268.10000	0+268.10000	198277.72619	220051.39182	124° 59' 2.36"
	268.90950	0+268.90950	198277.26206	220052.05506	124° 59' 2.36"
	269.36770	0+269.36770	198276.99935	220052.43047	124° 59' 2.36"
	269.78830	0+269.78830	198276.75820	220052.77507	124° 59' 2.36"
	270.32310	0+270.32310	198276.45158	220053.21324	124° 59' 2.36"
	270.74550	0+270.74550	198276.20939	220053.55931	124° 59' 2.36"
	271.23140	0+271.23140	198275.93081	220053.95742	124° 59' 2.36"
	272.89960	0+272.89960	198274.97435	220055.32419	124° 59' 2.36"
	273.42800	0+273.42800	198274.67139	220055.75712	124° 59' 2.36"
	273.60000	0+273.60000	198274.57277	220055.89804	124° 59' 2.36"
	274.50590	0+274.50590	198274.05338	220056.64026	124° 59' 2.36"
	276.33480	0+276.33480	198273.00478	220058.13870	124° 59' 2.36"
	276.66430	0+276.66430	198272.81587	220058.40866	124° 59' 2.36"
	276.73250	0+276.73250	198272.77676	220058.46454	124° 59' 2.36"
	276.80000	0+276.80000	198272.73806	220058.51984	124° 59' 2.36"
	277.50740	0+277.50740	198272.33248	220059.09942	124° 59' 2.36"
	277.68890	0+277.68890	198272.22841	220059.24813	124° 59' 2.36"
	278.34300	0+278.34300	198271.85339	220059.78404	124° 59' 2.36"
	278.94870	0+278.94870	198271.50611	220060.28030	124° 59' 2.36"
	279.36380	0+279.36380	198271.26811	220060.62039	124° 59' 2.36"
	279.50000	0+279.50000	198271.19002	220060.73198	124° 59' 2.36"
	279.52890	0+279.52890	198271.17345	220060.75566	124° 59' 2.36"
	279.82290	0+279.82290	198271.00489	220060.99654	124° 59' 2.36"
	279.85950	0+279.85950	198270.98391	220061.02653	124° 59' 2.36"
	279.87660	0+279.87660	198270.97410	220061.04054	124° 59' 2.36"
	279.90260	0+279.90260	198270.95919	220061.06184	124° 59' 2.36"
	280.00000	0+280.00000	198270.90335	220061.14164	124° 59' 2.36"
	280.04840	0+280.04840	198270.87560	220061.18129	124° 59' 2.36"
	280.07290	0+280.07290	198270.86155	220061.20137	124° 59' 2.36"
	280.51990	0+280.51990	198270.60527	220061.56760	124° 59' 2.36"
	280.58870	0+280.58870	198270.56582	220061.62397	124° 59' 2.36"
	280.70000	0+280.70000	198270.50201	220061.71516	124° 59' 2.36"
	280.79460	0+280.79460	198270.44777	220061.79267	124° 59' 2.36"
	280.84240	0+280.84240	198270.42036	220061.83183	124° 59' 2.36"
	281.18050	0+281.18050	198270.22651	220062.10884	124° 59' 2.36"
	281.70000	0+281.70000	198269.92866	220062.53447	124° 59' 2.36"
	281.79080	0+281.79080	198269.87660	220062.60886	124° 59' 2.36"
	281.94290	0+281.94290	198269.78939	220062.73348	124° 59' 2.36"
	282.12540	0+282.12540	198269.68476	220062.88301	124° 59' 2.36"
	282.23850	0+282.23850	198269.61991	220062.97567	124° 59' 2.36"
	282.48670	0+282.48670	198269.47761	220063.17902	124° 59' 2.36"
	282.84130	0+282.84130	198269.27430	220063.46955	124° 59' 2.36"

	282.85060	0+282.85060	198269.26897	220063.47717	124° 59' 2.36"
	282.97980	0+282.97980	198269.19489	220063.58303	124° 59' 2.36"
	283.05170	0+283.05170	198269.15367	220063.64194	124° 59' 2.36"
	283.20000	0+283.20000	198269.06864	220063.76344	124° 59' 2.36"
	283.40640	0+283.40640	198268.95030	220063.93255	124° 59' 2.36"
	283.48740	0+283.48740	198268.90386	220063.99891	124° 59' 2.36"
	283.54530	0+283.54530	198268.87066	220064.04635	124° 59' 2.36"
	283.67020	0+283.67020	198268.79905	220064.14868	124° 59' 2.36"
	283.81060	0+283.81060	198268.71855	220064.26371	124° 59' 2.36"
	284.18540	0+284.18540	198268.50366	220064.57079	124° 59' 2.36"
	284.65630	0+284.65630	198268.23367	220064.95660	124° 59' 2.36"
	284.90550	0+284.90550	198268.09079	220065.16078	124° 59' 2.36"
	285.16370	0+285.16370	198267.94276	220065.37232	124° 59' 2.36"
	285.18720	0+285.18720	198267.92928	220065.39158	124° 59' 2.36"
	285.30040	0+285.30040	198267.86438	220065.48432	124° 59' 2.36"
	285.54610	0+285.54610	198267.72351	220065.68563	124° 59' 2.36"
	285.75490	0+285.75490	198267.60379	220065.85670	124° 59' 2.36"
	285.79070	0+285.79070	198267.58327	220065.88603	124° 59' 2.36"
	286.13510	0+286.13510	198267.38581	220066.16820	124° 59' 2.36"
	286.33850	0+286.33850	198267.26919	220066.33485	124° 59' 2.36"
	286.41840	0+286.41840	198267.22338	220066.40031	124° 59' 2.36"
	286.97750	0+286.97750	198266.90282	220066.85839	124° 59' 2.36"
	286.99440	0+286.99440	198266.89313	220066.87224	124° 59' 2.36"
	287.10640	0+287.10640	198266.82891	220066.96400	124° 59' 2.36"
	287.27080	0+287.27080	198266.73466	220067.09870	124° 59' 2.36"
	287.41570	0+287.41570	198266.65158	220067.21741	124° 59' 2.36"
	287.68980	0+287.68980	198266.49442	220067.44199	124° 59' 2.36"
	287.81570	0+287.81570	198266.42224	220067.54514	124° 59' 2.36"
	287.81600	0+287.81600	198266.42207	220067.54538	124° 59' 2.36"
	288.20520	0+288.20520	198266.19892	220067.86426	124° 59' 2.36"
	288.89140	0+288.89140	198265.80549	220068.42647	124° 59' 2.36"
	289.59120	0+289.59120	198265.40426	220068.99983	124° 59' 2.36"
	289.63430	0+289.63430	198265.37955	220069.03514	124° 59' 2.36"
	289.85770	0+289.85770	198265.25146	220069.21817	124° 59' 2.36"
	290.14660	0+290.14660	198265.08582	220069.45487	124° 59' 2.36"
	290.55930	0+290.55930	198264.84920	220069.79300	124° 59' 2.36"
	290.92560	0+290.92560	198264.63919	220070.09312	124° 59' 2.36"
	291.05940	0+291.05940	198264.56247	220070.20274	124° 59' 2.36"
	291.22730	0+291.22730	198264.46621	220070.34030	124° 59' 2.36"
	291.24640	0+291.24640	198264.45526	220070.35595	124° 59' 2.36"
	291.37300	0+291.37300	198264.38267	220070.45968	124° 59' 2.36"
	291.55890	0+291.55890	198264.27608	220070.61199	124° 59' 2.36"
	291.72290	0+291.72290	198264.18206	220070.74636	124° 59' 2.36"
	291.74280	0+291.74280	198264.17065	220070.76266	124° 59' 2.36"
	292.03310	0+292.03310	198264.00420	220071.00051	124° 59' 2.36"

부산외곽순환 고속도로 건설공사 실시설계

	292.17570	0+292.17570	198263.92244	220071.11734	124° 59' 2.36"
	292.17600	0+292.17600	198263.92227	220071.11759	124° 59' 2.36"
	292.25060	0+292.25060	198263.87950	220071.17871	124° 59' 2.36"
	292.43210	0+292.43210	198263.77544	220071.32741	124° 59' 2.36"
	292.50270	0+292.50270	198263.73496	220071.38526	124° 59' 2.36"
	292.61700	0+292.61700	198263.66943	220071.47890	124° 59' 2.36"
	292.82900	0+292.82900	198263.54788	220071.65260	124° 59' 2.36"
	293.29560	0+293.29560	198263.28035	220072.03489	124° 59' 2.36"
	293.39570	0+293.39570	198263.22296	220072.11690	124° 59' 2.36"
	293.70990	0+293.70990	198263.04281	220072.37433	124° 59' 2.36"
	293.87770	0+293.87770	198262.94661	220072.51181	124° 59' 2.36"
	294.19120	0+294.19120	198262.76686	220072.76866	124° 59' 2.36"
	294.24030	0+294.24030	198262.73871	220072.80889	124° 59' 2.36"
	294.36940	0+294.36940	198262.66469	220072.91467	124° 59' 2.36"
	294.49450	0+294.49450	198262.59297	220073.01716	124° 59' 2.36"
	294.63610	0+294.63610	198262.51178	220073.13318	124° 59' 2.36"
	294.82370	0+294.82370	198262.40422	220073.28688	124° 59' 2.36"
	294.83630	0+294.83630	198262.39700	220073.29720	124° 59' 2.36"
	295.29410	0+295.29410	198262.13452	220073.67228	124° 59' 2.36"
	295.41860	0+295.41860	198262.06314	220073.77429	124° 59' 2.36"
	295.71230	0+295.71230	198261.89474	220074.01492	124° 59' 2.36"
	295.72540	0+295.72540	198261.88723	220074.02565	124° 59' 2.36"
	295.86510	0+295.86510	198261.80714	220074.14011	124° 59' 2.36"
	296.05690	0+296.05690	198261.69717	220074.29726	124° 59' 2.36"
	296.38420	0+296.38420	198261.50951	220074.56542	124° 59' 2.36"
	296.43610	0+296.43610	198261.47975	220074.60794	124° 59' 2.36"
	296.64650	0+296.64650	198261.35912	220074.78032	124° 59' 2.36"
	296.81670	0+296.81670	198261.26154	220074.91977	124° 59' 2.36"
	296.96030	0+296.96030	198261.17921	220075.03742	124° 59' 2.36"
	296.97880	0+296.97880	198261.16860	220075.05258	124° 59' 2.36"
	297.06460	0+297.06460	198261.11941	220075.12288	124° 59' 2.36"
	297.22810	0+297.22810	198261.02566	220075.25683	124° 59' 2.36"
	297.43620	0+297.43620	198260.90635	220075.42733	124° 59' 2.36"
	297.51710	0+297.51710	198260.85997	220075.49362	124° 59' 2.36"
	297.62600	0+297.62600	198260.79753	220075.58284	124° 59' 2.36"
	297.89150	0+297.89150	198260.64530	220075.80037	124° 59' 2.36"
	298.01340	0+298.01340	198260.57541	220075.90024	124° 59' 2.36"
	298.15970	0+298.15970	198260.49153	220076.02011	124° 59' 2.36"
	298.42750	0+298.42750	198260.33799	220076.23952	124° 59' 2.36"
	298.46990	0+298.46990	198260.31368	220076.27426	124° 59' 2.36"
	298.90400	0+298.90400	198260.06479	220076.62992	124° 59' 2.36"
	299.09720	0+299.09720	198259.95402	220076.78821	124° 59' 2.36"
	299.45840	0+299.45840	198259.74693	220077.08415	124° 59' 2.36"
	299.66380	0+299.66380	198259.62916	220077.25243	124° 59' 2.36"
	299.71970	0+299.71970	198259.59711	220077.29823	124° 59' 2.36"

	299.93410	0+299.93410	198259.47418	220077.47389	124° 59' 2.36"
	299.97150	0+299.97150	198259.45274	220077.50454	124° 59' 2.36"
	300.00000	0+300.00000	198259.43640	220077.52789	124° 59' 2.36"
	300.20250	0+300.20250	198259.32030	220077.69380	124° 59' 2.36"
	300.43130	0+300.43130	198259.18912	220077.88126	124° 59' 2.36"
	300.59660	0+300.59660	198259.09434	220078.01669	124° 59' 2.36"
	300.70180	0+300.70180	198259.03403	220078.10288	124° 59' 2.36"
	300.87540	0+300.87540	198258.93449	220078.24511	124° 59' 2.36"
	301.00000	0+301.00000	198258.86305	220078.34720	124° 59' 2.36"
	301.23040	0+301.23040	198258.73095	220078.53597	124° 59' 2.36"
	301.81030	0+301.81030	198258.39847	220079.01109	124° 59' 2.36"
	301.91020	0+301.91020	198258.34119	220079.09294	124° 59' 2.36"
	301.98980	0+301.98980	198258.29555	220079.15815	124° 59' 2.36"
	301.99390	0+301.99390	198258.29320	220079.16151	124° 59' 2.36"
	302.22670	0+302.22670	198258.15973	220079.35225	124° 59' 2.36"
	302.33770	0+302.33770	198258.09609	220079.44319	124° 59' 2.36"
	302.37740	0+302.37740	198258.07332	220079.47572	124° 59' 2.36"
	302.37750	0+302.37750	198258.07327	220079.47580	124° 59' 2.36"
	302.49590	0+302.49590	198258.00538	220079.57281	124° 59' 2.36"
	302.66270	0+302.66270	198257.90975	220079.70947	124° 59' 2.36"
	302.67420	0+302.67420	198257.90316	220079.71889	124° 59' 2.36"
	302.70000	0+302.70000	198257.88836	220079.74003	124° 59' 2.36"
	302.78400	0+302.78400	198257.84020	220079.80885	124° 59' 2.36"
	303.43700	0+303.43700	198257.46581	220080.34386	124° 59' 2.36"
	303.65740	0+303.65740	198257.33944	220080.52444	124° 59' 2.36"
	303.78510	0+303.78510	198257.26622	220080.62906	124° 59' 2.36"
	303.83480	0+303.83480	198257.23773	220080.66978	124° 59' 2.36"
	303.88850	0+303.88850	198257.20694	220080.71378	124° 59' 2.36"
	304.05910	0+304.05910	198257.10913	220080.85356	124° 59' 2.36"
	304.06110	0+304.06110	198257.10798	220080.85520	124° 59' 2.36"
	304.17200	0+304.17200	198257.04440	220080.94606	124° 59' 2.36"
	304.40000	0+304.40000	198256.91367	220081.13286	124° 59' 2.36"
	304.42100	0+304.42100	198256.90163	220081.15007	124° 59' 2.36"
	304.72180	0+304.72180	198256.72917	220081.39651	124° 59' 2.36"
	304.86330	0+304.86330	198256.64804	220081.51245	124° 59' 2.36"
	304.92640	0+304.92640	198256.61186	220081.56415	124° 59' 2.36"
	305.32850	0+305.32850	198256.38132	220081.89359	124° 59' 2.36"
	305.65330	0+305.65330	198256.19510	220082.15970	124° 59' 2.36"
	305.88310	0+305.88310	198256.06334	220082.34798	124° 59' 2.36"
	306.00000	0+306.00000	198255.99632	220082.44376	124° 59' 2.36"
	306.13440	0+306.13440	198255.91926	220082.55388	124° 59' 2.36"
	306.21170	0+306.21170	198255.87494	220082.61721	124° 59' 2.36"
	306.29370	0+306.29370	198255.82792	220082.68439	124° 59' 2.36"
	306.33560	0+306.33560	198255.80390	220082.71872	124° 59' 2.36"
	306.42860	0+306.42860	198255.75058	220082.79492	124° 59' 2.36"

부산외곽순환 고속도로 건설공사 실시설계

	306.54340	0+306.54340	198255.68476	220082.88897	124° 59' 2.36"
	306.64160	0+306.64160	198255.62846	220082.96943	124° 59' 2.36"
	306.71800	0+306.71800	198255.58465	220083.03203	124° 59' 2.36"
	306.77510	0+306.77510	198255.55191	220083.07881	124° 59' 2.36"
	306.88190	0+306.88190	198255.49068	220083.16631	124° 59' 2.36"
	306.88200	0+306.88200	198255.49062	220083.16639	124° 59' 2.36"
	306.89140	0+306.89140	198255.48523	220083.17409	124° 59' 2.36"
	306.91230	0+306.91230	198255.47325	220083.19122	124° 59' 2.36"
	306.99920	0+306.99920	198255.42343	220083.26242	124° 59' 2.36"
	307.03600	0+307.03600	198255.40233	220083.29257	124° 59' 2.36"
	307.22930	0+307.22930	198255.29150	220083.45094	124° 59' 2.36"
	307.38680	0+307.38680	198255.20120	220083.57998	124° 59' 2.36"
	307.65410	0+307.65410	198255.04794	220083.79898	124° 59' 2.36"
	308.00000	0+308.00000	198254.84962	220084.08238	124° 59' 2.36"
	308.34180	0+308.34180	198254.65365	220084.36243	124° 59' 2.36"
	308.38280	0+308.38280	198254.63014	220084.39602	124° 59' 2.36"
	308.45980	0+308.45980	198254.58600	220084.45910	124° 59' 2.36"
	308.55370	0+308.55370	198254.53216	220084.53604	124° 59' 2.36"
	308.57120	0+308.57120	198254.52212	220084.55038	124° 59' 2.36"
	308.59140	0+308.59140	198254.51054	220084.56693	124° 59' 2.36"
	308.77930	0+308.77930	198254.40281	220084.72087	124° 59' 2.36"
	308.83360	0+308.83360	198254.37168	220084.76536	124° 59' 2.36"
	308.85760	0+308.85760	198254.35792	220084.78503	124° 59' 2.36"
	308.96480	0+308.96480	198254.29646	220084.87286	124° 59' 2.36"
	309.01180	0+309.01180	198254.26951	220084.91136	124° 59' 2.36"
	309.01190	0+309.01190	198254.26945	220084.91145	124° 59' 2.36"
	309.20150	0+309.20150	198254.16074	220085.06679	124° 59' 2.36"
	309.36290	0+309.36290	198254.06821	220085.19903	124° 59' 2.36"
	309.39330	0+309.39330	198254.05078	220085.22393	124° 59' 2.36"
	309.39340	0+309.39340	198254.05072	220085.22401	124° 59' 2.36"
	309.44690	0+309.44690	198254.02004	220085.26785	124° 59' 2.36"
	309.63590	0+309.63590	198253.91168	220085.42270	124° 59' 2.36"
	309.80290	0+309.80290	198253.81593	220085.55952	124° 59' 2.36"
	309.93350	0+309.93350	198253.74105	220085.66652	124° 59' 2.36"
	310.35220	0+310.35220	198253.50099	220086.00957	124° 59' 2.36"
	310.52850	0+310.52850	198253.39991	220086.15402	124° 59' 2.36"
	310.53580	0+310.53580	198253.39573	220086.16000	124° 59' 2.36"
	310.68030	0+310.68030	198253.31288	220086.27839	124° 59' 2.36"
	310.73620	0+310.73620	198253.28083	220086.32419	124° 59' 2.36"
	310.73940	0+310.73940	198253.27899	220086.32681	124° 59' 2.36"
	311.00840	0+311.00840	198253.12476	220086.54720	124° 59' 2.36"
	311.14030	0+311.14030	198253.04914	220086.65527	124° 59' 2.36"
	311.35460	0+311.35460	198252.92627	220086.83085	124° 59' 2.36"
	311.41170	0+311.41170	198252.89353	220086.87763	124° 59' 2.36"
	311.49480	0+311.49480	198252.84589	220086.94572	124° 59' 2.36"

	311.79110	0+311.79110	198252.67600	220087.18848	124° 59' 2.36"
	311.79500	0+311.79500	198252.67377	220087.19167	124° 59' 2.36"
	311.90170	0+311.90170	198252.61259	220087.27910	124° 59' 2.36"
	311.90420	0+311.90420	198252.61116	220087.28114	124° 59' 2.36"
	311.90430	0+311.90430	198252.61110	220087.28123	124° 59' 2.36"
	311.96380	0+311.96380	198252.57699	220087.32997	124° 59' 2.36"
	312.03910	0+312.03910	198252.53381	220087.39167	124° 59' 2.36"
	312.06610	0+312.06610	198252.51833	220087.41379	124° 59' 2.36"
	312.20430	0+312.20430	198252.43910	220087.52702	124° 59' 2.36"
	312.33240	0+312.33240	198252.36565	220087.63197	124° 59' 2.36"
	312.51900	0+312.51900	198252.25866	220087.78486	124° 59' 2.36"
	312.90720	0+312.90720	198252.03609	220088.10291	124° 59' 2.36"
	313.11180	0+313.11180	198251.91878	220088.27054	124° 59' 2.36"
	313.32220	0+313.32220	198251.79815	220088.44293	124° 59' 2.36"
	313.57570	0+313.57570	198251.65281	220088.65062	124° 59' 2.36"
	313.61950	0+313.61950	198251.62769	220088.68651	124° 59' 2.36"
	313.62630	0+313.62630	198251.62380	220088.69208	124° 59' 2.36"
	313.67400	0+313.67400	198251.59645	220088.73116	124° 59' 2.36"
	313.72420	0+313.72420	198251.56767	220088.77229	124° 59' 2.36"
	313.83580	0+313.83580	198251.50368	220088.86373	124° 59' 2.36"
	313.88600	0+313.88600	198251.47490	220088.90486	124° 59' 2.36"
	313.97350	0+313.97350	198251.42473	220088.97655	124° 59' 2.36"
	314.09130	0+314.09130	198251.35719	220089.07306	124° 59' 2.36"
	314.20650	0+314.20650	198251.29114	220089.16745	124° 59' 2.36"
	314.25160	0+314.25160	198251.26528	220089.20440	124° 59' 2.36"
	314.37980	0+314.37980	198251.19178	220089.30943	124° 59' 2.36"
	314.37990	0+314.37990	198251.19172	220089.30951	124° 59' 2.36"
	314.39120	0+314.39120	198251.18524	220089.31877	124° 59' 2.36"
	314.45540	0+314.45540	198251.14843	220089.37137	124° 59' 2.36"
	314.52080	0+314.52080	198251.11094	220089.42496	124° 59' 2.36"
	314.66410	0+314.66410	198251.02878	220089.54236	124° 59' 2.36"
	314.79750	0+314.79750	198250.95229	220089.65166	124° 59' 2.36"
	314.89370	0+314.89370	198250.89714	220089.73048	124° 59' 2.36"
	314.96090	0+314.96090	198250.85861	220089.78554	124° 59' 2.36"
	314.98690	0+314.98690	198250.84370	220089.80684	124° 59' 2.36"
	315.25520	0+315.25520	198250.68987	220090.02666	124° 59' 2.36"
	315.30880	0+315.30880	198250.65914	220090.07057	124° 59' 2.36"
	315.57760	0+315.57760	198250.50502	220090.29081	124° 59' 2.36"
	315.72580	0+315.72580	198250.42005	220090.41223	124° 59' 2.36"
	315.76140	0+315.76140	198250.39964	220090.44139	124° 59' 2.36"
	315.83940	0+315.83940	198250.35492	220090.50530	124° 59' 2.36"
	316.18790	0+316.18790	198250.15511	220090.79083	124° 59' 2.36"
	316.41550	0+316.41550	198250.02462	220090.97731	124° 59' 2.36"
	316.43990	0+316.43990	198250.01063	220090.99730	124° 59' 2.36"
	316.45850	0+316.45850	198249.99996	220091.01254	124° 59' 2.36"

부산외곽순환 고속도로 건설공사 실시설계

	316.51620	0+316.51620	198249.96688	220091.05981	124° 59' 2.36"
	316.56390	0+316.56390	198249.93953	220091.09889	124° 59' 2.36"
	316.66720	0+316.66720	198249.88030	220091.18353	124° 59' 2.36"
	316.73290	0+316.73290	198249.84263	220091.23736	124° 59' 2.36"
	316.76190	0+316.76190	198249.82601	220091.26112	124° 59' 2.36"
	316.81050	0+316.81050	198249.79814	220091.30094	124° 59' 2.36"
	317.17830	0+317.17830	198249.58727	220091.60228	124° 59' 2.36"
	317.41080	0+317.41080	198249.45396	220091.79277	124° 59' 2.36"
	317.41090	0+317.41090	198249.45391	220091.79285	124° 59' 2.36"
	317.47580	0+317.47580	198249.41669	220091.84602	124° 59' 2.36"
	317.55160	0+317.55160	198249.37324	220091.90813	124° 59' 2.36"
	317.70000	0+317.70000	198249.28815	220092.02971	124° 59' 2.36"
	317.70510	0+317.70510	198249.28523	220092.03389	124° 59' 2.36"
	317.90790	0+317.90790	198249.16895	220092.20005	124° 59' 2.36"
	318.06650	0+318.06650	198249.07802	220092.32999	124° 59' 2.36"
	318.12010	0+318.12010	198249.04729	220092.37391	124° 59' 2.36"
	318.21330	0+318.21330	198248.99385	220092.45027	124° 59' 2.36"
	318.21370	0+318.21370	198248.99362	220092.45059	124° 59' 2.36"
	318.21630	0+318.21630	198248.99213	220092.45272	124° 59' 2.36"
	318.21640	0+318.21640	198248.99207	220092.45281	124° 59' 2.36"
	318.57570	0+318.57570	198248.78607	220092.74719	124° 59' 2.36"
	318.79920	0+318.79920	198248.65793	220092.93030	124° 59' 2.36"
	319.04340	0+319.04340	198248.51792	220093.13038	124° 59' 2.36"
	319.53630	0+319.53630	198248.23531	220093.53422	124° 59' 2.36"
	319.79800	0+319.79800	198248.08527	220093.74863	124° 59' 2.36"
	319.86780	0+319.86780	198248.04525	220093.80582	124° 59' 2.36"
	319.96930	0+319.96930	198247.98705	220093.88898	124° 59' 2.36"
	320.00000	0+320.00000	198247.96945	220093.91413	124° 59' 2.36"
	320.05700	0+320.05700	198247.93677	220093.96083	124° 59' 2.36"
	320.30010	0+320.30010	198247.79739	220094.16001	124° 59' 2.36"
	320.30830	0+320.30830	198247.79269	220094.16673	124° 59' 2.36"
	320.33170	0+320.33170	198247.77927	220094.18590	124° 59' 2.36"
	320.46720	0+320.46720	198247.70158	220094.29691	124° 59' 2.36"
	320.47020	0+320.47020	198247.69986	220094.29937	124° 59' 2.36"
	320.47040	0+320.47040	198247.69975	220094.29954	124° 59' 2.36"
	320.62510	0+320.62510	198247.61105	220094.42628	124° 59' 2.36"
	320.66850	0+320.66850	198247.58617	220094.46184	124° 59' 2.36"
	320.83780	0+320.83780	198247.48910	220094.60055	124° 59' 2.36"
	320.99500	0+320.99500	198247.39897	220094.72935	124° 59' 2.36"
	321.09370	0+321.09370	198247.34238	220094.81021	124° 59' 2.36"
	321.57610	0+321.57610	198247.06580	220095.20545	124° 59' 2.36"
	321.68220	0+321.68220	198247.00497	220095.29238	124° 59' 2.36"
	321.85750	0+321.85750	198246.90446	220095.43600	124° 59' 2.36"
	321.95240	0+321.95240	198246.85005	220095.51376	124° 59' 2.36"
	322.21140	0+322.21140	198246.70155	220095.72596	124° 59' 2.36"

	322.31300	0+322.31300	198246.64330	220095.80920	124° 59' 2.36"
	322.46410	0+322.46410	198246.55667	220095.93300	124° 59' 2.36"
	322.57770	0+322.57770	198246.49153	220096.02607	124° 59' 2.36"
	322.58600	0+322.58600	198246.48677	220096.03287	124° 59' 2.36"
	322.69660	0+322.69660	198246.42336	220096.12349	124° 59' 2.36"
	322.90650	0+322.90650	198246.30302	220096.29546	124° 59' 2.36"
	322.91680	0+322.91680	198246.29711	220096.30390	124° 59' 2.36"
	322.92250	0+322.92250	198246.29384	220096.30857	124° 59' 2.36"
	323.13450	0+323.13450	198246.17229	220096.48227	124° 59' 2.36"
	323.16000	0+323.16000	198246.15767	220096.50316	124° 59' 2.36"
	323.30230	0+323.30230	198246.07609	220096.61975	124° 59' 2.36"
	323.53070	0+323.53070	198245.94513	220096.80688	124° 59' 2.36"
	323.61000	0+323.61000	198245.89967	220096.87185	124° 59' 2.36"
	323.73640	0+323.73640	198245.82720	220096.97541	124° 59' 2.36"
	323.78100	0+323.78100	198245.80162	220097.01195	124° 59' 2.36"
	323.85210	0+323.85210	198245.76086	220097.07020	124° 59' 2.36"
	323.86830	0+323.86830	198245.75157	220097.08348	124° 59' 2.36"
	324.15280	0+324.15280	198245.58845	220097.31657	124° 59' 2.36"
	324.21550	0+324.21550	198245.55250	220097.36794	124° 59' 2.36"
	324.23600	0+324.23600	198245.54075	220097.38474	124° 59' 2.36"
	324.44590	0+324.44590	198245.42041	220097.55671	124° 59' 2.36"
	324.60110	0+324.60110	198245.33142	220097.68387	124° 59' 2.36"
	325.00160	0+325.00160	198245.10180	220098.01200	124° 59' 2.36"
	325.17290	0+325.17290	198245.00358	220098.15235	124° 59' 2.36"
	325.18580	0+325.18580	198244.99619	220098.16292	124° 59' 2.36"
	325.23010	0+325.23010	198244.97079	220098.19922	124° 59' 2.36"
	325.27150	0+325.27150	198244.94705	220098.23314	124° 59' 2.36"
	325.32710	0+325.32710	198244.91517	220098.27869	124° 59' 2.36"
	325.83760	0+325.83760	198244.62248	220098.69695	124° 59' 2.36"
	325.95380	0+325.95380	198244.55585	220098.79215	124° 59' 2.36"
	326.09850	0+326.09850	198244.47289	220098.91071	124° 59' 2.36"
	326.17050	0+326.17050	198244.43161	220098.96970	124° 59' 2.36"
	326.23000	0+326.23000	198244.39750	220099.01845	124° 59' 2.36"
	326.33520	0+326.33520	198244.33718	220099.10464	124° 59' 2.36"
	326.47640	0+326.47640	198244.25622	220099.22033	124° 59' 2.36"
	326.53790	0+326.53790	198244.22096	220099.27071	124° 59' 2.36"
	326.67190	0+326.67190	198244.14413	220099.38050	124° 59' 2.36"
	327.46540	0+327.46540	198243.68918	220100.03063	124° 59' 2.36"
	327.48120	0+327.48120	198243.68012	220100.04357	124° 59' 2.36"
	327.65140	0+327.65140	198243.58254	220100.18302	124° 59' 2.36"
	328.17870	0+328.17870	198243.28021	220100.61504	124° 59' 2.36"
	328.25380	0+328.25380	198243.23716	220100.67657	124° 59' 2.36"
	328.29590	0+328.29590	198243.21302	220100.71106	124° 59' 2.36"
	328.29640	0+328.29640	198243.21273	220100.71147	124° 59' 2.36"
	328.29970	0+328.29970	198243.21084	220100.71418	124° 59' 2.36"

부산외곽순환 고속도로 건설공사 실시설계

	328.29980	0+328.29980	198243.21078	220100.71426	124° 59' 2.36"
	328.52360	0+328.52360	198243.08247	220100.89762	124° 59' 2.36"
	328.62890	0+328.62890	198243.02209	220100.98390	124° 59' 2.36"
	328.66200	0+328.66200	198243.00312	220101.01102	124° 59' 2.36"
	329.55570	0+329.55570	198242.49071	220101.74323	124° 59' 2.36"
	330.29730	0+330.29730	198242.06552	220102.35084	124° 59' 2.36"
	330.55060	0+330.55060	198241.92029	220102.55837	124° 59' 2.36"
	330.62290	0+330.62290	198241.87884	220102.61760	124° 59' 2.36"
	330.69650	0+330.69650	198241.83664	220102.67791	124° 59' 2.36"
	330.93110	0+330.93110	198241.70213	220102.87012	124° 59' 2.36"
	330.94150	0+330.94150	198241.69617	220102.87864	124° 59' 2.36"
	331.09450	0+331.09450	198241.60845	220103.00399	124° 59' 2.36"
	331.28580	0+331.28580	198241.49877	220103.16073	124° 59' 2.36"
	331.34370	0+331.34370	198241.46557	220103.20817	124° 59' 2.36"
	331.61410	0+331.61410	198241.31054	220103.42971	124° 59' 2.36"
	331.93970	0+331.93970	198241.12385	220103.69648	124° 59' 2.36"
	332.13640	0+332.13640	198241.01108	220103.85763	124° 59' 2.36"
	332.55460	0+332.55460	198240.77130	220104.20027	124° 59' 2.36"
	332.65260	0+332.65260	198240.71511	220104.28056	124° 59' 2.36"
	332.69000	0+332.69000	198240.69367	220104.31121	124° 59' 2.36"
	332.79670	0+332.79670	198240.63250	220104.39863	124° 59' 2.36"
	332.90240	0+332.90240	198240.57189	220104.48523	124° 59' 2.36"
	332.91390	0+332.91390	198240.56530	220104.49465	124° 59' 2.36"
	333.49650	0+333.49650	198240.23127	220104.97198	124° 59' 2.36"
	333.69010	0+333.69010	198240.12027	220105.13060	124° 59' 2.36"
	333.98810	0+333.98810	198239.94941	220105.37475	124° 59' 2.36"
	334.27080	0+334.27080	198239.78732	220105.60637	124° 59' 2.36"
	334.27800	0+334.27800	198239.78320	220105.61227	124° 59' 2.36"
	334.50000	0+334.50000	198239.65591	220105.79416	124° 59' 2.36"
	334.55040	0+334.55040	198239.62702	220105.83545	124° 59' 2.36"
	334.71260	0+334.71260	198239.53402	220105.96835	124° 59' 2.36"
	334.73930	0+334.73930	198239.51871	220105.99022	124° 59' 2.36"
	335.32510	0+335.32510	198239.18284	220106.47018	124° 59' 2.36"
	335.38260	0+335.38260	198239.14988	220106.51729	124° 59' 2.36"
	335.47430	0+335.47430	198239.09730	220106.59242	124° 59' 2.36"
	335.62070	0+335.62070	198239.01336	220106.71236	124° 59' 2.36"
	335.62090	0+335.62090	198239.01325	220106.71253	124° 59' 2.36"
	335.94340	0+335.94340	198238.82834	220106.97676	124° 59' 2.36"
	336.24120	0+336.24120	198238.65760	220107.22075	124° 59' 2.36"
	336.41720	0+336.41720	198238.55669	220107.36495	124° 59' 2.36"
	336.52160	0+336.52160	198238.49683	220107.45048	124° 59' 2.36"
	336.66980	0+336.66980	198238.41186	220107.57190	124° 59' 2.36"
	337.18310	0+337.18310	198238.11756	220107.99246	124° 59' 2.36"
	337.31110	0+337.31110	198238.04418	220108.09733	124° 59' 2.36"
	337.71800	0+337.71800	198237.81088	220108.43071	124° 59' 2.36"

제6장 선형계산부

	337.82190	0+337.82190	198237.75131	220108.51583	124° 59' 2.36"
	338.04730	0+338.04730	198237.62208	220108.70051	124° 59' 2.36"
	338.19860	0+338.19860	198237.53533	220108.82447	124° 59' 2.36"
	338.40000	0+338.40000	198237.41986	220108.98948	124° 59' 2.36"
	338.41350	0+338.41350	198237.41212	220109.00054	124° 59' 2.36"
	338.69590	0+338.69590	198237.25020	220109.23191	124° 59' 2.36"
	338.88030	0+338.88030	198237.14448	220109.38299	124° 59' 2.36"
	339.07450	0+339.07450	198237.03313	220109.54210	124° 59' 2.36"
	339.13580	0+339.13580	198236.99799	220109.59233	124° 59' 2.36"
	339.21200	0+339.21200	198236.95430	220109.65476	124° 59' 2.36"
	339.25530	0+339.25530	198236.92947	220109.69024	124° 59' 2.36"
	340.00000	0+340.00000	198236.50250	220110.30038	124° 59' 2.36"
	340.19600	0+340.19600	198236.39013	220110.46096	124° 59' 2.36"
	340.26040	0+340.26040	198236.35320	220110.51373	124° 59' 2.36"
	340.33960	0+340.33960	198236.30779	220110.57862	124° 59' 2.36"
	340.55910	0+340.55910	198236.18194	220110.75846	124° 59' 2.36"
	341.21230	0+341.21230	198235.80743	220111.29363	124° 59' 2.36"
	341.33510	0+341.33510	198235.73703	220111.39424	124° 59' 2.36"
	341.40000	0+341.40000	198235.69981	220111.44742	124° 59' 2.36"
	341.56800	0+341.56800	198235.60349	220111.58506	124° 59' 2.36"
	341.70700	0+341.70700	198235.52380	220111.69894	124° 59' 2.36"
	341.75080	0+341.75080	198235.49868	220111.73483	124° 59' 2.36"
	341.82980	0+341.82980	198235.45339	220111.79956	124° 59' 2.36"
	341.90550	0+341.90550	198235.40999	220111.86158	124° 59' 2.36"
	342.00000	0+342.00000	198235.35581	220111.93900	124° 59' 2.36"
	342.38510	0+342.38510	198235.13501	220112.25452	124° 59' 2.36"
	342.70000	0+342.70000	198234.95446	220112.51252	124° 59' 2.36"
	342.93370	0+342.93370	198234.82047	220112.70399	124° 59' 2.36"
	343.27550	0+343.27550	198234.62450	220112.98404	124° 59' 2.36"
	343.86260	0+343.86260	198234.28789	220113.46505	124° 59' 2.36"
	343.91930	0+343.91930	198234.25538	220113.51151	124° 59' 2.36"
	344.45140	0+344.45140	198233.95030	220113.94746	124° 59' 2.36"
	344.50000	0+344.50000	198233.92244	220113.98728	124° 59' 2.36"
	344.54750	0+344.54750	198233.89520	220114.02620	124° 59' 2.36"
	344.71340	0+344.71340	198233.80009	220114.16212	124° 59' 2.36"
	344.98320	0+344.98320	198233.64540	220114.38318	124° 59' 2.36"
	345.23920	0+345.23920	198233.49862	220114.59292	124° 59' 2.36"
	345.90000	0+345.90000	198233.11975	220115.13432	124° 59' 2.36"
	346.03210	0+346.03210	198233.04401	220115.24255	124° 59' 2.36"
	346.30850	0+346.30850	198232.88554	220115.46901	124° 59' 2.36"
	346.38050	0+346.38050	198232.84426	220115.52800	124° 59' 2.36"
	347.07550	0+347.07550	198232.44578	220116.09742	124° 59' 2.36"
	347.27000	0+347.27000	198232.33427	220116.25678	124° 59' 2.36"
	347.28440	0+347.28440	198232.32601	220116.26858	124° 59' 2.36"
	347.41260	0+347.41260	198232.25251	220116.37361	124° 59' 2.36"

부산외곽순환 고속도로 건설공사 실시설계

	347.47560	0+347.47560	198232.21638	220116.42523	124° 59' 2.36"
	347.67790	0+347.67790	198232.10040	220116.59098	124° 59' 2.36"
	347.80700	0+347.80700	198232.02638	220116.69675	124° 59' 2.36"
	348.51260	0+348.51260	198231.62182	220117.27486	124° 59' 2.36"
	348.51290	0+348.51290	198231.62165	220117.27510	124° 59' 2.36"
	349.57900	0+349.57900	198231.01041	220118.14857	124° 59' 2.36"
	349.57930	0+349.57930	198231.01023	220118.14882	124° 59' 2.36"
	349.73760	0+349.73760	198230.91947	220118.27851	124° 59' 2.36"
	349.86910	0+349.86910	198230.84408	220118.38625	124° 59' 2.36"
	349.90550	0+349.90550	198230.82321	220118.41608	124° 59' 2.36"
	351.11060	0+351.11060	198230.13227	220119.40343	124° 59' 2.36"
	351.11080	0+351.11080	198230.13215	220119.40359	124° 59' 2.36"
	351.27570	0+351.27570	198230.03761	220119.53870	124° 59' 2.36"
	351.27600	0+351.27600	198230.03744	220119.53894	124° 59' 2.36"
	351.51670	0+351.51670	198229.89943	220119.73615	124° 59' 2.36"
	352.20480	0+352.20480	198229.50491	220120.29992	124° 59' 2.36"
	352.33070	0+352.33070	198229.43273	220120.40307	124° 59' 2.36"
	352.34850	0+352.34850	198229.42252	220120.41766	124° 59' 2.36"
	352.55290	0+352.55290	198229.30533	220120.58512	124° 59' 2.36"
	352.98060	0+352.98060	198229.06011	220120.93554	124° 59' 2.36"
	354.00250	0+354.00250	198228.47420	220121.77280	124° 59' 2.36"
	354.14670	0+354.14670	198228.39153	220121.89094	124° 59' 2.36"
	354.60140	0+354.60140	198228.13083	220122.26348	124° 59' 2.36"
	354.89070	0+354.89070	198227.96496	220122.50051	124° 59' 2.36"
	354.95040	0+354.95040	198227.93073	220122.54942	124° 59' 2.36"
	354.96920	0+354.96920	198227.91995	220122.56483	124° 59' 2.36"
	355.00100	0+355.00100	198227.90172	220122.59088	124° 59' 2.36"
	355.30740	0+355.30740	198227.72604	220122.84192	124° 59' 2.36"
	355.56200	0+355.56200	198227.58007	220123.05052	124° 59' 2.36"
	355.89160	0+355.89160	198227.39109	220123.32056	124° 59' 2.36"
	356.08380	0+356.08380	198227.28090	220123.47803	124° 59' 2.36"
	356.14450	0+356.14450	198227.24609	220123.52777	124° 59' 2.36"
	356.39370	0+356.39370	198227.10321	220123.73194	124° 59' 2.36"
	356.54220	0+356.54220	198227.01807	220123.85361	124° 59' 2.36"
	356.93400	0+356.93400	198226.79344	220124.17461	124° 59' 2.36"
	357.08890	0+357.08890	198226.70462	220124.30152	124° 59' 2.36"
	357.12460	0+357.12460	198226.68415	220124.33077	124° 59' 2.36"
	357.18910	0+357.18910	198226.64717	220124.38362	124° 59' 2.36"
	357.19540	0+357.19540	198226.64356	220124.38878	124° 59' 2.36"
	357.43370	0+357.43370	198226.50693	220124.58402	124° 59' 2.36"
	357.55550	0+357.55550	198226.43710	220124.68382	124° 59' 2.36"
	357.66700	0+357.66700	198226.37317	220124.77517	124° 59' 2.36"
	357.82290	0+357.82290	198226.28379	220124.90290	124° 59' 2.36"
	357.87180	0+357.87180	198226.25575	220124.94296	124° 59' 2.36"
	357.97640	0+357.97640	198226.19578	220125.02866	124° 59' 2.36"

	358.08250	0+358.08250	198226.13495	220125.11559	124° 59' 2.36"
	359.07360	0+359.07360	198225.56670	220125.92761	124° 59' 2.36"
	359.13310	0+359.13310	198225.53259	220125.97636	124° 59' 2.36"
	359.16560	0+359.16560	198225.51395	220126.00299	124° 59' 2.36"
	359.33400	0+359.33400	198225.41740	220126.14096	124° 59' 2.36"
	359.77580	0+359.77580	198225.16410	220126.50293	124° 59' 2.36"
	359.88340	0+359.88340	198225.10240	220126.59109	124° 59' 2.36"
	359.96860	0+359.96860	198225.05355	220126.66090	124° 59' 2.36"
	360.00000	0+360.00000	198225.03555	220126.68662	124° 59' 2.36"
	360.01780	0+360.01780	198225.02535	220126.70121	124° 59' 2.36"
	360.56640	0+360.56640	198224.71081	220127.15068	124° 59' 2.36"
	360.69200	0+360.69200	198224.63880	220127.25359	124° 59' 2.36"
	360.94730	0+360.94730	198224.49242	220127.46276	124° 59' 2.36"
	361.01610	0+361.01610	198224.45297	220127.51913	124° 59' 2.36"
	361.46120	0+361.46120	198224.19778	220127.88380	124° 59' 2.36"
	361.83990	0+361.83990	198223.98065	220128.19408	124° 59' 2.36"
	361.94530	0+361.94530	198223.92022	220128.28043	124° 59' 2.36"
	362.68350	0+362.68350	198223.49697	220128.88525	124° 59' 2.36"
	363.08410	0+363.08410	198223.26729	220129.21347	124° 59' 2.36"
	363.12400	0+363.12400	198223.24441	220129.24616	124° 59' 2.36"
	363.48410	0+363.48410	198223.03795	220129.54119	124° 59' 2.36"
	363.48500	0+363.48500	198223.03744	220129.54193	124° 59' 2.36"
	363.59650	0+363.59650	198222.97351	220129.63328	124° 59' 2.36"
	363.60290	0+363.60290	198222.96984	220129.63852	124° 59' 2.36"
	363.67150	0+363.67150	198222.93051	220129.69473	124° 59' 2.36"
	363.91160	0+363.91160	198222.79285	220129.89145	124° 59' 2.36"
	364.03640	0+364.03640	198222.72129	220129.99370	124° 59' 2.36"
	365.18190	0+365.18190	198222.06452	220130.93222	124° 59' 2.36"
	365.40440	0+365.40440	198221.93695	220131.11452	124° 59' 2.36"
	365.47760	0+365.47760	198221.89498	220131.17449	124° 59' 2.36"
	365.56470	0+365.56470	198221.84504	220131.24585	124° 59' 2.36"
	365.63540	0+365.63540	198221.80451	220131.30378	124° 59' 2.36"
	365.66650	0+365.66650	198221.78668	220131.32926	124° 59' 2.36"
	365.82810	0+365.82810	198221.69403	220131.46166	124° 59' 2.36"
	366.23190	0+366.23190	198221.46251	220131.79250	124° 59' 2.36"
	366.44010	0+366.44010	198221.34314	220131.96308	124° 59' 2.36"
	366.89710	0+366.89710	198221.08112	220132.33750	124° 59' 2.36"
	367.66340	0+367.66340	198220.64176	220132.96534	124° 59' 2.36"
	367.94500	0+367.94500	198220.48031	220133.19606	124° 59' 2.36"
	368.24320	0+368.24320	198220.30933	220133.44038	124° 59' 2.36"
	368.43370	0+368.43370	198220.20011	220133.59646	124° 59' 2.36"
	369.47810	0+369.47810	198219.60131	220134.45215	124° 59' 2.36"
	369.47850	0+369.47850	198219.60108	220134.45248	124° 59' 2.36"
	370.80550	0+370.80550	198218.84025	220135.53970	124° 59' 2.36"
	370.80600	0+370.80600	198218.83996	220135.54011	124° 59' 2.36"

부산외곽순환 고속도로 건설공사 실시설계

	371.06590	0+371.06590	198218.69095	220135.75305	124° 59' 2.36"
	371.06630	0+371.06630	198218.69072	220135.75338	124° 59' 2.36"
	371.30300	0+371.30300	198218.55500	220135.94731	124° 59' 2.36"
	371.53270	0+371.53270	198218.42331	220136.13551	124° 59' 2.36"
	371.84280	0+371.84280	198218.24551	220136.38958	124° 59' 2.36"
	373.61600	0+373.61600	198217.22885	220137.84238	124° 59' 2.36"
	373.61650	0+373.61650	198217.22857	220137.84279	124° 59' 2.36"
	373.93530	0+373.93530	198217.04578	220138.10399	124° 59' 2.36"
	373.98060	0+373.98060	198217.01981	220138.14110	124° 59' 2.36"
	375.21680	0+375.21680	198216.31104	220139.15394	124° 59' 2.36"
	375.59770	0+375.59770	198216.09265	220139.46601	124° 59' 2.36"
	375.85490	0+375.85490	198215.94518	220139.67674	124° 59' 2.36"
	376.20890	0+376.20890	198215.74222	220139.96678	124° 59' 2.36"
	376.69290	0+376.69290	198215.46472	220140.36332	124° 59' 2.36"
	377.28950	0+377.28950	198215.12266	220140.85212	124° 59' 2.36"
	378.70310	0+378.70310	198214.31218	220142.01030	124° 59' 2.36"
	379.15150	0+379.15150	198214.05509	220142.37768	124° 59' 2.36"
	379.32260	0+379.32260	198213.95699	220142.51787	124° 59' 2.36"
	379.47230	0+379.47230	198213.87116	220142.64052	124° 59' 2.36"
	379.77060	0+379.77060	198213.70013	220142.88492	124° 59' 2.36"
	379.79890	0+379.79890	198213.68390	220142.90811	124° 59' 2.36"
	380.00000	0+380.00000	198213.56860	220143.07287	124° 59' 2.36"
	380.05370	0+380.05370	198213.53781	220143.11687	124° 59' 2.36"
	380.19530	0+380.19530	198213.45663	220143.23288	124° 59' 2.36"
	380.25580	0+380.25580	198213.42194	220143.28245	124° 59' 2.36"
	380.98940	0+380.98940	198213.00133	220143.88350	124° 59' 2.36"
	381.18010	0+381.18010	198212.89199	220144.03974	124° 59' 2.36"
	381.27760	0+381.27760	198212.83609	220144.11962	124° 59' 2.36"
	381.36720	0+381.36720	198212.78472	220144.19303	124° 59' 2.36"
	381.49580	0+381.49580	198212.71099	220144.29840	124° 59' 2.36"
	381.72870	0+381.72870	198212.57746	220144.48922	124° 59' 2.36"
	382.32370	0+382.32370	198212.23631	220144.97671	124° 59' 2.36"
	382.34490	0+382.34490	198212.22416	220144.99408	124° 59' 2.36"
	382.58900	0+382.58900	198212.08421	220145.19407	124° 59' 2.36"
	382.64520	0+382.64520	198212.05198	220145.24012	124° 59' 2.36"
	382.67650	0+382.67650	198212.03404	220145.26576	124° 59' 2.36"
	382.75700	0+382.75700	198211.98788	220145.33171	124° 59' 2.36"
	383.13330	0+383.13330	198211.77213	220145.64002	124° 59' 2.36"
	383.26360	0+383.26360	198211.69742	220145.74678	124° 59' 2.36"
	383.61290	0+383.61290	198211.49715	220146.03296	124° 59' 2.36"
	383.74940	0+383.74940	198211.41889	220146.14480	124° 59' 2.36"
	383.82700	0+383.82700	198211.37440	220146.20838	124° 59' 2.36"
	384.16140	0+384.16140	198211.18267	220146.48236	124° 59' 2.36"
	384.51500	0+384.51500	198210.97994	220146.77207	124° 59' 2.36"
	384.64810	0+384.64810	198210.90363	220146.88112	124° 59' 2.36"

	385.08020	0+385.08020	198210.65588	220147.23514	124° 59' 2.36"
	385.44150	0+385.44150	198210.44873	220147.53116	124° 59' 2.36"
	385.83700	0+385.83700	198210.22197	220147.85520	124° 59' 2.36"
	385.94650	0+385.94650	198210.15919	220147.94491	124° 59' 2.36"
	386.15900	0+386.15900	198210.03735	220148.11902	124° 59' 2.36"
	386.68590	0+386.68590	198209.73526	220148.55071	124° 59' 2.36"
	387.00060	0+387.00060	198209.55483	220148.80855	124° 59' 2.36"
	387.17930	0+387.17930	198209.45237	220148.95496	124° 59' 2.36"
	387.22980	0+387.22980	198209.42341	220148.99633	124° 59' 2.36"
	387.47320	0+387.47320	198209.28386	220149.19576	124° 59' 2.36"
	388.04370	0+388.04370	198208.95677	220149.66317	124° 59' 2.36"
	388.34840	0+388.34840	198208.78207	220149.91282	124° 59' 2.36"
	388.40010	0+388.40010	198208.75243	220149.95518	124° 59' 2.36"
	388.76270	0+388.76270	198208.54453	220150.25226	124° 59' 2.36"
	388.98920	0+388.98920	198208.41467	220150.43783	124° 59' 2.36"
	389.40350	0+389.40350	198208.17713	220150.77727	124° 59' 2.36"
	389.59900	0+389.59900	198208.06504	220150.93745	124° 59' 2.36"
	389.99840	0+389.99840	198207.83604	220151.26468	124° 59' 2.36"
	390.18260	0+390.18260	198207.73043	220151.41560	124° 59' 2.36"
	390.39000	0+390.39000	198207.61152	220151.58553	124° 59' 2.36"
	392.26290	0+392.26290	198206.53770	220153.12002	124° 59' 2.36"
	392.32880	0+392.32880	198206.49992	220153.17401	124° 59' 2.36"
	392.50700	0+392.50700	198206.39774	220153.32001	124° 59' 2.36"
	392.92480	0+392.92480	198206.15820	220153.66232	124° 59' 2.36"
	392.92640	0+392.92640	198206.15728	220153.66363	124° 59' 2.36"
	393.11130	0+393.11130	198206.05127	220153.81512	124° 59' 2.36"
	393.19370	0+393.19370	198206.00403	220153.88263	124° 59' 2.36"
	393.46290	0+393.46290	198205.84968	220154.10319	124° 59' 2.36"
	393.84240	0+393.84240	198205.63210	220154.41412	124° 59' 2.36"
	394.12390	0+394.12390	198205.47070	220154.64476	124° 59' 2.36"
	394.49400	0+394.49400	198205.25850	220154.94798	124° 59' 2.36"
	394.94050	0+394.94050	198205.00250	220155.31381	124° 59' 2.36"
	395.20260	0+395.20260	198204.85223	220155.52855	124° 59' 2.36"
	395.71600	0+395.71600	198204.55787	220155.94918	124° 59' 2.36"
	395.75890	0+395.75890	198204.53328	220155.98433	124° 59' 2.36"
	396.13320	0+396.13320	198204.31867	220156.29100	124° 59' 2.36"
	396.25660	0+396.25660	198204.24792	220156.39210	124° 59' 2.36"
	396.40330	0+396.40330	198204.16381	220156.51230	124° 59' 2.36"
	396.57510	0+396.57510	198204.06531	220156.65305	124° 59' 2.36"
	396.99180	0+396.99180	198203.82640	220156.99446	124° 59' 2.36"
	397.37980	0+397.37980	198203.60394	220157.31235	124° 59' 2.36"
	397.88510	0+397.88510	198203.31422	220157.72635	124° 59' 2.36"
	398.66310	0+398.66310	198202.86816	220158.36378	124° 59' 2.36"
	400.00000	0+400.00000	198202.10165	220159.45912	124° 59' 2.36"
	400.49940	0+400.49940	198201.81532	220159.86828	124° 59' 2.36"

부산외곽순환 고속도로 건설공사 실시설계

	401.02760	0+401.02760	198201.51248	220160.30104	124° 59' 2.36"
	401.10860	0+401.10860	198201.46604	220160.36741	124° 59' 2.36"
	403.46110	0+403.46110	198200.11724	220162.29484	124° 59' 2.36"
	403.77230	0+403.77230	198199.93881	220162.54981	124° 59' 2.36"
	403.88930	0+403.88930	198199.87173	220162.64567	124° 59' 2.36"
	404.29200	0+404.29200	198199.64084	220162.97561	124° 59' 2.36"
	404.32400	0+404.32400	198199.62250	220163.00182	124° 59' 2.36"
	404.58470	0+404.58470	198199.47303	220163.21542	124° 59' 2.36"
	404.97020	0+404.97020	198199.25200	220163.53126	124° 59' 2.36"
	405.44400	0+405.44400	198198.98035	220163.91945	124° 59' 2.36"
	405.44480	0+405.44480	198198.97989	220163.92011	124° 59' 2.36"
	405.70420	0+405.70420	198198.83116	220164.13264	124° 59' 2.36"
	406.73180	0+406.73180	198198.24199	220164.97456	124° 59' 2.36"
	407.28350	0+407.28350	198197.92568	220165.42658	124° 59' 2.36"
	408.08990	0+408.08990	198197.46333	220166.08727	124° 59' 2.36"
	408.25750	0+408.25750	198197.36724	220166.22459	124° 59' 2.36"
	408.55140	0+408.55140	198197.19873	220166.46538	124° 59' 2.36"
	411.04820	0+411.04820	198195.76719	220168.51104	124° 59' 2.36"
	411.39810	0+411.39810	198195.56658	220168.79772	124° 59' 2.36"
	412.12460	0+412.12460	198195.15004	220169.39295	124° 59' 2.36"
	413.17480	0+413.17480	198194.54791	220170.25339	124° 59' 2.36"
	414.09230	0+414.09230	198194.02187	220171.00511	124° 59' 2.36"
	414.24040	0+414.24040	198193.93695	220171.12645	124° 59' 2.36"
	414.29390	0+414.29390	198193.90628	220171.17028	124° 59' 2.36"
	414.81170	0+414.81170	198193.60940	220171.59452	124° 59' 2.36"
	414.94170	0+414.94170	198193.53487	220171.70104	124° 59' 2.36"
	417.77760	0+417.77760	198191.90891	220174.02452	124° 59' 2.36"
	418.21730	0+418.21730	198191.65681	220174.38477	124° 59' 2.36"
	419.10680	0+419.10680	198191.14682	220175.11355	124° 59' 2.36"
	419.12930	0+419.12930	198191.13392	220175.13199	124° 59' 2.36"
	419.57210	0+419.57210	198190.88004	220175.49478	124° 59' 2.36"
	420.00000	0+420.00000	198190.63470	220175.84536	124° 59' 2.36"
	420.00020	0+420.00020	198190.63459	220175.84553	124° 59' 2.36"
	421.39520	0+421.39520	198189.83477	220176.98847	124° 59' 2.36"
	421.76880	0+421.76880	198189.62057	220177.29456	124° 59' 2.36"
	422.33590	0+422.33590	198189.29542	220177.75919	124° 59' 2.36"
	422.39570	0+422.39570	198189.26113	220177.80819	124° 59' 2.36"
	423.98240	0+423.98240	198188.35140	220179.10819	124° 59' 2.36"
	424.08450	0+424.08450	198188.29286	220179.19184	124° 59' 2.36"
	424.92400	0+424.92400	198187.81154	220179.87966	124° 59' 2.36"
	425.05030	0+425.05030	198187.73913	220179.98314	124° 59' 2.36"
	429.25670	0+429.25670	198185.32740	220183.42949	124° 59' 2.36"
	429.35280	0+429.35280	198185.27230	220183.50823	124° 59' 2.36"
	429.49400	0+429.49400	198185.19134	220183.62391	124° 59' 2.36"
	429.59260	0+429.59260	198185.13481	220183.70470	124° 59' 2.36"

	430.91020	0+430.91020	198184.37937	220184.78422	124° 59' 2.36"
EC	431.52910	0+431.52910	198184.02452	220185.29129	124° 59' 2.36"

IP5 (우향)

구 분	크 로 소 아 드		교각(IA)	19° 54' 25.05"	
IP좌표	X	198130.56337	방위각	1	124° 59' 2.36"
	Y	220261.68717		2	144° 53' 27.41"

R 1	0.00000	A	166.71940	R 2	200.00000
L 1	0.00000	원 중심 좌표 1		L 2	138.97679
X 1	0.00000	X	0.00000	X 2	137.30847
Y 1	0.00000	Y 2	0.00000	Y 2	15.95720
T 1	0.00000	원 중심 좌표 2		T 2	0.34744
TL1	0.00000	X	197977.19822	TL2	93.24390
TK1	0.00000	Y 2	220125.02902	TK2	46.86490

구 분	누가거리	X 좌표	Y 좌표
K A	431.52910	198184.02452	220185.29129
K E	570.50589	198092.22512	220288.64079

구 분	누가거리	측정(STA.)	X좌표	Y좌표	방위각
KA	431.52910	0+431.52910	198184.02452	220185.29129	124° 59' 2.36"
	432.14480	0+432.14480	198183.67151	220185.79575	124° 59' 3.76"
	432.45550	0+432.45550	198183.49337	220186.05030	124° 59' 5.54"
	434.81340	0+434.81340	198182.14130	220187.98204	124° 59' 42.38"
	434.89920	0+434.89920	198182.09210	220188.05233	124° 59' 44.50"
	435.18340	0+435.18340	198181.92910	220188.28514	124° 59' 51.90"
	435.78160	0+435.78160	198181.58598	220188.77516	125° 0' 9.45"
	436.00630	0+436.00630	198181.45709	220188.95921	125° 0' 16.73"
	436.39920	0+436.39920	198181.23169	220189.28103	125° 0' 30.36"
	436.54120	0+436.54120	198181.15023	220189.39734	125° 0' 35.57"
	438.78270	0+438.78270	198179.86381	220191.23295	125° 2' 17.58"
	438.78380	0+438.78380	198179.86318	220191.23385	125° 2' 17.64"
	438.97640	0+438.97640	198179.75260	220191.39154	125° 2' 28.14"
	439.55120	0+439.55120	198179.42254	220191.86213	125° 3' 1.14"
	440.00000	0+440.00000	198179.16477	220192.22952	125° 3' 28.60"
	440.45580	0+440.45580	198178.90293	220192.60260	125° 3' 58.02"
	443.09920	0+443.09920	198177.38323	220194.76549	125° 7' 19.06"
	443.58540	0+443.58540	198177.10347	220195.16314	125° 8' 1.68"
	448.45400	0+448.45400	198174.29688	220199.14137	125° 16' 45.21"
	449.34350	0+449.34350	198173.78294	220199.86737	125° 18' 39.87"
	449.85170	0+449.85170	198173.48912	220200.28203	125° 19' 48.01"

부산외곽순환 고속도로 건설공사 실시설계

	449.87850	0+449.87850	198173.47363	220200.30389	125° 19' 51.66"
	450.38610	0+450.38610	198173.18001	220200.71795	125° 21' 1.73"
	450.87760	0+450.87760	198172.89557	220201.11879	125° 22' 11.40"
	459.57210	0+459.57210	198167.83812	220208.19100	125° 47' 40.27"
	460.00000	0+460.00000	198167.58777	220208.53802	125° 49' 9.99"
	462.71470	0+462.71470	198165.99589	220210.73699	125° 59' 10.89"
	463.08970	0+463.08970	198165.77547	220211.04038	126° 0' 38.20"
	463.46740	0+463.46740	198165.55335	220211.34586	126° 2' 7.19"
	465.53580	0+465.53580	198164.33451	220213.01700	126° 10' 33.29"
	465.83930	0+465.83930	198164.15532	220213.26195	126° 11' 50.22"
	465.85240	0+465.85240	198164.14758	220213.27253	126° 11' 53.56"
	466.14900	0+466.14900	198163.97237	220213.51184	126° 13' 9.43"
	467.33380	0+467.33380	198163.27159	220214.46717	126° 18' 19.03"
	467.51370	0+467.51370	198163.16505	220214.61214	126° 19' 6.95"
	470.53270	0+470.53270	198161.37209	220217.04105	126° 33' 6.94"
	470.72100	0+470.72100	198161.25993	220217.19230	126° 34' 1.58"
	472.45660	0+472.45660	198160.22420	220218.58498	126° 42' 37.53"
	473.77250	0+473.77250	198159.43656	220219.63912	126° 49' 23.62"
	474.67330	0+474.67330	198158.89617	220220.35983	126° 54' 9.01"
	475.42790	0+475.42790	198158.44271	220220.96299	126° 58' 12.72"
	475.45970	0+475.45970	198158.42358	220220.98839	126° 58' 23.08"
	475.67290	0+475.67290	198158.29533	220221.15870	126° 59' 32.76"
	475.69610	0+475.69610	198158.28137	220221.17723	126° 59' 40.36"
	475.95610	0+475.95610	198158.12487	220221.38486	127° 1' 5.83"
	477.50220	0+477.50220	198157.19247	220222.61817	127° 9' 44.42"
	477.54730	0+477.54730	198157.16522	220222.65411	127° 9' 59.82"
	480.00000	0+480.00000	198155.67943	220224.60555	127° 24' 19.72"
	480.14720	0+480.14720	198155.59000	220224.72247	127° 25' 12.74"
	482.59500	0+482.59500	198154.09835	220226.66327	127° 40' 18.11"
	482.85740	0+482.85740	198153.93794	220226.87093	127° 41' 57.80"
	486.09340	0+486.09340	198151.95126	220229.42530	128° 3' 9.25"
	486.74730	0+486.74730	198151.54788	220229.93995	128° 7' 35.61"
	486.98400	0+486.98400	198151.40170	220230.12611	128° 9' 12.81"
	487.28970	0+487.28970	198151.21277	220230.36644	128° 11' 18.95"
	487.78510	0+487.78510	198150.90629	220230.75567	128° 14' 44.86"
	490.26860	0+490.26860	198149.36395	220232.70218	128° 32' 24.52"
	490.26870	0+490.26870	198149.36389	220232.70226	128° 32' 24.56"
	490.92810	0+490.92810	198148.95268	220233.21774	128° 37' 13.61"
	490.92830	0+490.92830	198148.95255	220233.21790	128° 37' 13.70"
	498.21560	0+498.21560	198144.35818	220238.87433	129° 34' 2.92"
	498.58710	0+498.58710	198144.12141	220239.16060	129° 37' 7.27"
	499.77550	0+499.77550	198143.36228	220240.07494	129° 47' 3.89"
	500.00000	0+500.00000	198143.21857	220240.24742	129° 48' 57.78"
	501.28880	0+501.28880	198142.39174	220241.23603	129° 59' 58.79"
	502.02280	0+502.02280	198141.91942	220241.79787	130° 6' 20.77"

	502.10300	0+502.10300	198141.86775	220241.85921	130° 7' 2.75"
	503.54730	0+503.54730	198140.93507	220242.96198	130° 19' 46.89"
	505.92790	0+505.92790	198139.38873	220244.77198	130° 41' 20.19"
	507.67350	0+507.67350	198138.24757	220246.09291	130° 57' 35.25"
	511.05730	0+511.05730	198136.01740	220248.63778	131° 30' 9.77"
	513.24670	0+513.24670	198134.56141	220250.27288	131° 51' 59.66"
	514.53450	0+514.53450	198133.70011	220251.23027	132° 5' 6.75"
	515.98480	0+515.98480	198132.72573	220252.30449	132° 20' 7.90"
	519.03090	0+519.03090	198130.66376	220254.54657	132° 52' 31.42"
	519.12770	0+519.12770	198130.59788	220254.61749	132° 53' 34.31"
	520.00000	0+520.00000	198130.00329	220255.25575	133° 3' 4.17"
	521.63090	0+521.63090	198128.88685	220256.44460	133° 21' 4.77"
	521.99090	0+521.99090	198128.63956	220256.70624	133° 25' 5.96"
	522.11500	0+522.11500	198128.55425	220256.79636	133° 26' 29.33"
	523.08140	0+523.08140	198127.88863	220257.49699	133° 37' 22.43"
	523.62450	0+523.62450	198127.51359	220257.88980	133° 43' 32.50"
	524.89260	0+524.89260	198126.63514	220258.80435	133° 58' 5.12"
	525.29320	0+525.29320	198126.35683	220259.09249	134° 2' 43.26"
	532.07010	0+532.07010	198121.58875	220263.90806	135° 24' 9.09"
	535.45670	0+535.45670	198119.16263	220266.27086	136° 6' 58.38"
	535.71290	0+535.71290	198118.97789	220266.44837	136° 10' 16.22"
	536.14400	0+536.14400	198118.66665	220266.74666	136° 15' 50.20"
	536.62780	0+536.62780	198118.31679	220267.08081	136° 22' 6.66"
	536.96000	0+536.96000	198118.07620	220267.30988	136° 26' 26.16"
	536.96010	0+536.96010	198118.07613	220267.30995	136° 26' 26.24"
	540.00000	0+540.00000	198115.86109	220269.39189	137° 6' 38.90"
	540.17610	0+540.17610	198115.73202	220269.51170	137° 9' 0.77"
	540.50150	0+540.50150	198115.49332	220269.73285	137° 13' 23.51"
	540.79550	0+540.79550	198115.27740	220269.93239	137° 17' 21.58"
	541.22230	0+541.22230	198114.96355	220270.22162	137° 23' 8.33"
	541.84480	0+541.84480	198114.50492	220270.64253	137° 31' 36.49"
	542.22580	0+542.22580	198114.22370	220270.89959	137° 36' 48.93"
	542.22600	0+542.22600	198114.22356	220270.89972	137° 36' 49.09"
	545.71160	0+545.71160	198111.63264	220273.23132	138° 25' 17.47"
	545.71180	0+545.71180	198111.63249	220273.23146	138° 25' 17.64"
	547.11280	0+547.11280	198110.58180	220274.15819	138° 45' 12.03"
	553.39280	0+553.39280	198105.80552	220278.23535	140° 17' 24.89"
	557.86450	0+557.86450	198102.33736	220281.05799	141° 26' 2.98"
	559.59850	0+559.59850	198100.97729	220282.13361	141° 53' 19.79"
	560.00000	0+560.00000	198100.66116	220282.38112	141° 59' 41.96"
	560.43630	0+560.43630	198100.31710	220282.64942	142° 6' 38.62"
	561.04210	0+561.04210	198099.83848	220283.02079	142° 16' 19.49"
	565.20170	0+565.20170	198096.52383	220285.53371	143° 24' 1.46"
	565.83170	0+565.83170	198096.01748	220285.90856	143° 34' 27.87"
	568.11780	0+568.11780	198094.17052	220287.25575	144° 12' 45.67"

부산외곽순환 고속도로 건설공사 실시설계

	568.27270	0+568.27270	198094.04483	220287.34629	144° 15' 22.77"
	568.57470	0+568.57470	198093.79959	220287.52252	144° 20' 29.56"
	569.07080	0+569.07080	198093.39615	220287.81123	144° 28' 55.01"
KE	570.50589	0+570.50589	198092.22512	220288.64079	144° 53' 27.41"

IP6 (우향)

구 분	원 곡 선		교각(IA)	42° 37' 0.22"	
IP좌표	X	198028.40804	방위각	1	144° 53' 27.41"
	Y	220333.50725		2	187° 30' 27.62"

원 중심 좌표	X	197977.19822	R	200.00000	C L	148.76044
	Y	220125.02902	T L	78.01038	S L	14.67561

구분	누가거리	X 좌표	Y 좌표
B C	570.50589	198092.22512	220288.64079
E C	719.26633	197951.06642	220323.31449

구 분	누가거리	측점(STA.)	X좌표	Y좌표	방위각
BC	570.50589	0+570.50589	198092.22512	220288.64079	144° 53' 27.41"
	571.28380	0+571.28380	198091.58788	220289.08696	145° 6' 49.69"
	575.19150	0+575.19150	198088.36080	220291.29050	146° 13' 59.79"
	578.04040	0+578.04040	198085.98129	220292.85704	147° 2' 57.93"
	578.73990	0+578.73990	198085.39365	220293.23648	147° 14' 59.34"
	580.00000	0+580.00000	198084.33172	220293.91482	147° 36' 38.91"
	580.71150	0+580.71150	198083.73023	220294.29488	147° 48' 52.70"
	586.21900	0+586.21900	198079.02927	220297.16396	149° 23' 32.72"
	586.75380	0+586.75380	198078.56862	220297.43564	149° 32' 44.27"
	588.82890	0+588.82890	198076.77439	220298.47811	150° 8' 24.37"
	589.59410	0+589.59410	198076.11005	220298.85782	150° 21' 33.54"
	590.96720	0+590.96720	198074.91430	220299.53279	150° 45' 9.65"
	590.98650	0+590.98650	198074.89746	220299.54222	150° 45' 29.55"
	591.20480	0+591.20480	198074.70692	220299.64876	150° 49' 14.69"
	592.49740	0+592.49740	198073.57633	220300.27530	151° 11' 27.78"
	595.88140	0+595.88140	198070.59751	220301.88086	152° 9' 37.78"
	600.00000	0+600.00000	198066.93605	220303.76660	153° 20' 25.39"
	601.62950	0+601.62950	198065.47682	220304.49180	153° 48' 25.94"
	602.61300	0+602.61300	198064.59325	220304.92373	154° 5' 20.24"
	604.76880	0+604.76880	198062.64913	220305.85530	154° 42' 23.57"
	611.59100	0+611.59100	198056.43245	220308.66436	156° 39' 39.47"
	611.69180	0+611.69180	198056.33989	220308.70427	156° 41' 23.43"
	616.42140	0+616.42140	198051.97461	220310.52428	158° 2' 41.18"
	616.86520	0+616.86520	198051.56281	220310.68975	158° 10' 18.88"