REPUBLIC OF KENYA



MINISTRY OF PUBLIC WORKS

DETAILED DESIGN STUDY ON THE NAIROBI BYPASS PROJECT

GEOMETRIC DESIGN RESULTS

SECTEMBER 1992

JAPAN INTERNATIONAL COOPERATION AGENCY

à	5.0		400	1.7.	177	10	627
ì	14.		.,	e.	0.1	'n	10
Y	180	3		S	- V		ć.:
i	34		17.74	. I	:11	Pri	
1		23			15		
	1.57	€.		ο.		1	Ų.
		•				ψ,	/
	5/	7.					21.
1	Ć.,	2.17	dis.	10.1	100		
Į	167	1:1	1.1	ាក		700	ė.
1			1.50	: U		- 1	Ł.,

川(京) LIBRARY 1104143[1]

24837

REPUBLIC OF KENYA



MINISTRY OF PUBLIC WORKS

DETAILED DESIGN STUDY ON THE NAIROBI BYPASS PROJECT

GEOMETRIC DESIGN RESULTS

SEPTEMBER 1992

Japan International Cooperation Agency The Permanent Secretary
Ministry of Public Works
P.O.Box 30260
NAIROBI

The Chief Engineer (Roads) Ministry of Public Works P.O.Box 30260 NAIROBI

.

国際協力事業団 24834

The second of th

CONTENTS

MAIN ROAD

1) CENTRAL RESERVE WIDENNING	1 4
2) VERTICAL ALIGNMENT	1 2
3) ROAD LEVEL	1-36
4) SUPERELEVATION	1-23
SLIP ROAD	
1) VERTICAL ALIGNMENT	1-11
2) ROAD LEVEL	1-65
3) SUPERELEVATION	19 0
	1 - 2 8

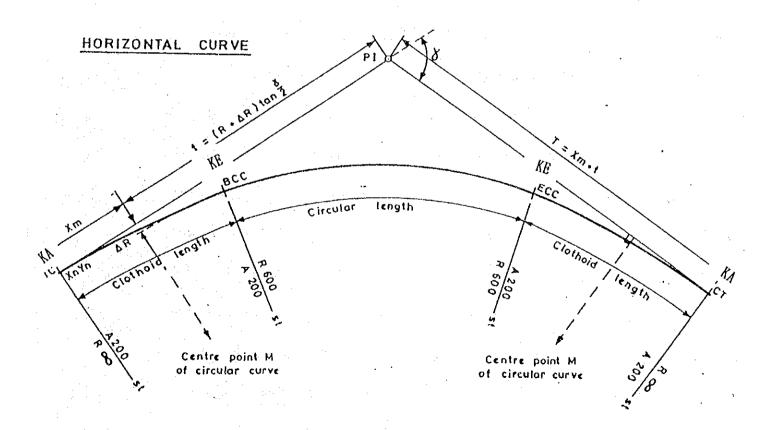
Symbols are shown as follows.

KA = TC Tangent to clothid (clothid origin)

KE = BCC Beginning of circle from clothoid end

KE = ECC End of circle to clothoid

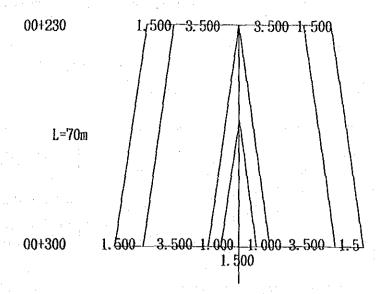
KA = CT clothoid to tangent

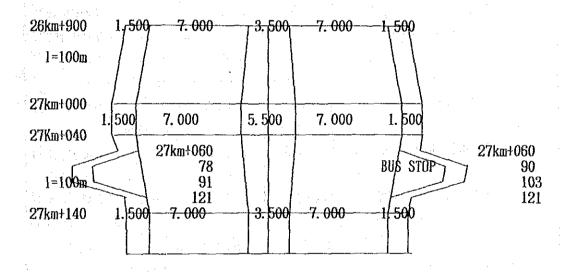


MAIN ROAD

CENTRAL RESERVE

WIDENNING





MAIN ROAD WIDTH

FROM NO 00km+230.000

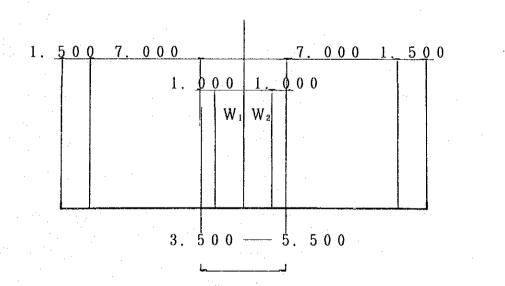
TO NO 0.0 km + 3.0.0, 0.0.0 L = 7.0, 0.0.0

STATION NO	SHOULDER	CARRIAGE	CENTRAL	RESERVE	CARRIAGE	SHOULDER
00+230.000	SHOOLDEK	LEFT LANE	LEFT	RIHGT	RIGHT LANE	SHOOLDEK
TOTAL WIDT H W=10.000	1. 500	3. 500	0.000	0. 000	3. 500	1.500
STATION NO	SHOULDER	CARRIAGE	CENTRAL	RESERVE	CARRIAGE	SHOULDER
00+240. 000 TOTAL WIDT	'	LEFT LANE	LEFT	RIHGT	RIGHT LANE	OHOOLDEK
	1.500	3, 500	0. 250	0. 250	3. 500	1.500
STATION NO	CARRIAGE SHOULDER		CENTRAL RESERVE		CARRIAGE	SHOULDER
00+260. 000 TOTAL WIDT	SHOULDER	LEFT LANE	LEFT	RIHGT	RIGHT LANE	OHOUSDEA
H W=11.500	1.500	3. 500	0. 750	0.750	3. 500	1. 500
STATION NO		CARRIAGE	CENTRAL RESERVE		CARRIAGE	SHOULDER
00+280.000	SHOULDER	LEFT LANE	LEFT	RIHGT	RIGHT LANE	SHOOPIEK
TOTAL WIDT H W=12.500	1. 500	3. 500	1.250	1.250	3. 500	1.500
STATION NO	l .	CARRIAGE	CENTRAL	CENTRAL RESERVE		SHOULDER
00+300.000	SHOULDER	LEFT LANE	LEFT	RIHGT	RIGHT LANE	วแกกกาเห
TOTAL WIDT H W=13.500	1. 500	3, 500	1.750	1.750	3. 500	1.500

LEFT W	STATION NO	W₂ RIGHT	LEFT W	STATION NO	₩ RIGHT
0.756	00+800	0. 750	4.500	05+900	4. 499
0.820	00+820	0.750	4 500	05+920	4. 447
0. 956	00+840	0. 750	4. 500	05+940	4. 323
1. 162	00+860	0. 783	4 500	05+960	4 126
1. 439	00+880	0. 909	4. 500	05+980	3. 856
1. 786	00+900	1. 130	4. 500	06+000	3. 515
2 204	00+920	1. 444	4. 459	06+020	3. 140
2 693	00+940	1. 852	4. 318	06+040	2 793
3 244	00+960	2 360	4. 078	06+060	2 473
3 797	00+980	3. 030	3 738	06+080	2 180
4, 260	01+000	3. 775	3 297	06+100	1. 914
4 547	01+020	4 222	2 786	06+120	1. 676
4. 568	01+040	4 432	2 322	06+140	1. 465
4. 504	01+060	4. 496	1. 918	06+160	1. 281
4.500	01+080	4. 500	1. 574	06+180	1. 125
			1. 289	06+200	0. 995
	1		1. 065	06+220	0. 893
	asoo w, w, as	o	0. 901	06+240	0. 818
			0. 796	06+260	0. 771
1500 7.	.m 1,m 1.m 7.m	1.500	0.752	06+280	0. 751
			0.750	06+300	0.750

WIDENNING OF CENTRAL RESERVE

LEFT W ₁	STATION NO	W ₂ RIGHT
0.750	_ 2 6 km + 9 0 0	0.750
0.950 m	9 2 0	0.950
1. 150 L=100	9 4 0	1. 150
1. 350	960	1. 350
1. 5 5 0	980	1. 550
1. 750 m	27km+000	1.750
1. 750 L= 40	0.2.0.	1.750
1. 750	040	1.750
1. 5 5 0	060	1. 550
1. 3 5 0 m	080	1. 350
1. 1 5 0 L=1 0 0	100	1. 150
0.950	1 2 0	0.950
0.750	140	0.750



VERTICAL ALIGNMENT

MAIN ROAD

VERTICAL ALIGNMENT

St NO	HIGHT	V.C.L	LENGTH %	St NO.	HIGHT	V.C.L	LENGTH %
00+100 1P: 1	1646. 400	200.000 f=0.800	+0, 800 320, 000	11+100 IP 19	1788. 640	200.000 f=0.757	-1.520 1200.000
00+420 1P 2	1659. 200	340,000 f=2,850	+4.000 335.000	12+300 IP 20	1806, 721	200.000 f=0.202	+1.507 1400.000
 00+755 IP 3	1650. 135	200.000 f=0.789	-2, 706	13+700 IP 21	1816, 521	200.000 f=0.060	+0.700 1784.875
1+800 IP 4	1654. 837	200.000 f=0.078	+0.450 2550.000	15+484. 15+300		824.731 G POINT	+0.460
4+350 1P 5	1674. 217	200.000 f=0.210	+0, 760 350, 000	10.000	DRAKIN	0 101k1	
4+700 IP 6	1679. 817	200.000 f=0.235	+1.600 800.000	15+700 IP 22	1826. 571	200.000 f=0.303	+0. 460 1400. 000
5+500 1P 7	1685, 085	200.000 f=0.970	+0.659 300.000	17+100 IP 23	1850.000	200,000 f=0.214	+1.674 1000.000
5÷800 8	1698, 697	200, 000 f=0, 707	+4. 537 400. 000	18+100 IP 24	1875. 300	600, 000 f=2, 122	+2, 530 1000, 000
6+200 1P 9	1705. 534	200.000 f=0.566	+1. 709 530. 000	19+100 IP 25	1872. 300	200.000 f=0.550	-0.300 400.000
 6+730 IP 10	1726. 600	200.000 f=1.994	+3. 975 320. 000	19+500 IP 26	1879. 900	200.000 f=0.400	+1.900 750.000
7+050 1P 11	1713.800	200.000 f=1.138	-4.000 450.000	20+250 1P 27	1882. 150	200.000 f=0.050	+0.300 350.000
7+500 IP 12	1716, 275	200. 000 f=0. 919	+0.550 300.000	20+600 1P 28	1883. 900	400.000 f=2.250	+0.500 1450.000
7+800 IP 13	1728. 950	200.000 f=0.981	+4. 225 500. 000	22+050 1P 29	1956. 400	200.000 f=0.800	+5.000 500.000
8+300 IP 14	1730, 450	200.000 f=0.252	+0.300 500.000	22+550 IP 30	1965. 400	200.000 f=0.720	+1,800 630.000
8+800 IP 15	1737, 000	200.000 f=0.673	+1.310 400.000	23+180 IP 31	1994.884	320, 000 f=2, 440	+4.680 1120.000
 9+200 IP 16	1753.000	200,000 f= 0.650	+4.000 200.000	24+300 IP 32	1978. 993	200.000 f=1.030	-1. 419 750. 000
9+400 IP 17	1755. 800	200, 000 f=0, 900	+1, 400 200, 000	25+050 IP 33	1999. 243	200. 000 f=0, 827	+2. 700 400. 000
10+300 1P 18	1800. 800	600.000 f = 4890	+5. 000 800. 000	25+450 1P 34	1996. 818	200.000 f=1.002	-0.606 450.000
L						***************************************	

St NO	HIGHT	V. C. L	LENGTH %	St NO	HIGHT	V.C.L	LENGTH
25+900 1P35	2012. 118	200. 000 f=0. 223	+3. 400 500, 000				
26+400 1P36	2024. 650	200.000 f=0.589	+2. 506 630. 000				
27+030 1P37	2025. 600	200.000 f=0.787	+0. 1508 300. 000				
27+330 1P38	2035. 500	240.000 f=1.387	+3, 300 370, 000			·	
27+700 1P39	2030. 600	300,000 f=0.436	-1.324 716.604				
28+416. EP	604 2028. 450		-0.300				
						,	
							
				2 —		·	
		·					

ROAD LEVEL MAIN ROAD

NOTE

A: HIGHT OF GRADIENT

B: TANGENT OFFSET (VERTICAL)

C: TANGENT GRADIENT

				•	***	·
STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD Level	C	REMARKS
0+ 0	.000	.000		1645.600		دار داد داد داد داد داد داد داد داد داد
0+ 20	20.000	20.000	.032 1645.760	1645.792	1.120	statistatatatatati gugagarataskapat
0+ 40	20,000	40.000	.128 1645.920	1646.048	1.440	archardalajahas grengapartrapa
0+ 60	20.000	60.000	.288 1646.080	1646.368	1.760	distribution of the state of th
0+ 80	20,000	80.000	.512 1646.240	1646.752	2.080	anterpretering deleterates
0+100	20.000	100.000	.800 1646.400	1647.200	2.400	4.000
Ip POINT 0+100	.000	100.000	.800 1646.400	1647.200	2.400	4.000
0+120	20.000	120.000	.512 1647.200	1647.712	2.720	4.000
0+140	20.000	140.000	.288 1648.000	1648.288	3.040	4.000
0+160	20.000	160.000	.128 1648.800	1648.928	3.360	4.000
0+180	20.000	180.000	.032 1649.600	1649.632	3.680	4.000
0+200	20.000	200.000		1650.400		4.000
0+220	20.000	220.000		1651.200		4.000
0+240	20.000	240.000		1652.000		4.000
0+260	20.000	260.000	010 1652.800	1652.790	3.803	4.000
0+280	20.000	280.000	089 1653.600	1653.511	3.408	4.000
0+300	20.000	300.000	247 1654.400	1654.153	3.014	4.000
KE1-1 0+318.500	18.500	318.500	463 1655.140	1654.677	2.649	4.000
0+320	1,500	320,000	~.483 1655.200	1654.717	2.619	4,000
0+340	20.000	340.000	-,799 1656.000	1655.201	2.225	4.000
0+360	20.000	360.000	-1.193 1656.800	1655.607	1.830	4.000
0+380	20.000	380.000	-1.667 1657.600	1655.933	1.436	4.000
0+400	20.000	400.000	-2.219 1658.400	1656.181	1.041	4.000
0+420	20.000	420.000	-2.850 1659.200	1656.350	.647	-2.706

P POINT	-2.700		LEVEL }	B	ACCUMULATIVE DISTANCE		STATION
New Year Color	0 70	.647	1658.350	-2.850 1659.200	420.000	.000	
0+447.071 7.071 447.071 1658.467 1656.453 .113 0+460 12.929 460.000 1658.118 1656.451 142 0+480 20.000 480.000 1657.576 1656.383 536 0+500 20.000 500.000 1657.035 1656.236 931 0+520 20.000 520.000 1656.494 1656.011 -1.325 0+540 20.000 540.000 1655.953 1655.706 -1.720 0+560 20.000 560.000 1655.412 1655.323 -2.114 0+580 20.000 580.000 1654.870 1654.861 -2.509 0+600 20.000 600.000 1654.870 1654.861 -2.509 0+620 20.000 640.000 1653.247 -2.627 0+640 20.000 680.000 1652.706 1652.708 -2.627 0+680 20.000 680.000 1652.764 1652.214 -2.311 0+700 20.000	-2.706	.253	1656.440	-2.219 1658.659	440.000	20.000	0+440
0+460 12.929 460.000 1658.118 1656.451 142 0+480 20.000 480.000 1657.576 1656.383 538 0+500 20.000 500.000 1657.035 1656.236 931 0+520 20.000 520.000 1658.494 1656.011 -1.325 0+540 20.000 540.000 1655.953 1655.706 -1.720 0+560 20.000 560.000 1655.412 1655.323 -2.114 0+580 20.000 580.000 1654.870 1654.861 -2.509 0+600 20.000 600.000 1654.870 1654.861 -2.509 0+620 20.000 600.000 1653.788 -2.627 0+640 20.000 640.000 1652.706 1652.708 -2.627 0+680 20.000 680.000 1652.164 1652.214 -2.311 0+700 20.000 700.000 1651.623 1651.415 -1.680 0+740 20.000 7	-2.700	.113	1656.453	-2.015 1658.467	447.071	7.071	
0+480 20,000 480,000 1657,576 1656,383 538 0+500 20,000 500,000 1657,035 1656,236 931 0+520 20,000 520,000 1656,494 1656,011 -1.325 0+540 20,000 540,000 1655,953 1655,706 -1.720 0+560 20,000 560,000 1655,412 1655,323 -2.114 0+580 20,000 580,000 1654,870 1654,861 -2.509 0+600 20,000 600,000 1654,870 1654,861 -2.509 0+620 20,000 600,000 1653,788 -2.509 0+640 20,000 640,000 1653,788 -2.627 0+680 20,000 680,000 1652,706 1652,708 -2.627 0+680 20,000 700,000 1651,623 1651,783 -1.996 0+720 20,000 720,000 1650,524 1651,415 -1.680 0+740 20,000 740,000 1	-2.700	142	1656.451	-1.667 1658.118	460.000	12.929	0+460
0+520 20.000 520.000 1656.494 1656.011 -1.325 0+540 20.000 540.000 1655.953 1655.706 -1.720 0+560 20.000 560.000 1655.412 1655.323 -2.114 0+580 20.000 580.000 1654.870 1654.861 -2.509 0+600 20.000 600.000 1654.870 1654.861 -2.509 0+620 20.000 600.000 1653.788 -2.509 0+640 20.000 640.000 1653.788 -2.627 0+660 20.000 660.000 1652.706 1652.708 -2.627 0+680 20.000 680.000 1652.164 1652.214 -2.311 0+700 20.000 700.000 1651.623 1651.783 -1.996 0+740 20.000 740.000 1650.541 1651.111 -1.365 1p POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128	-2.700	538	1656.383	-1.193 1657.576	480.000	20,000	0+480
0+540 20.000 540.000 1655.953 1655.706 -1.720 0+560 20.000 560.000 1655.412 1655.323 -2.114 0+580 20.000 580.000 1654.870 1654.861 -2.509 0+600 20.000 600.000 1654.870 1654.861 -2.509 0+620 20.000 620.000 1654.329	-2.700	931	1656.236	799 1657.035	500.000	20.000	0+500
0+540 20.000 540.000 1655.953 1655.706 -1.720 0+560 20.000 560.000 1655.412 1655.323 -2.114 0+580 20.000 580.000 1654.870 1654.861 -2.509 0+600 20.000 600.000 1654.329	-2.700	-1.325	1656.011	-,483 1656,494	520.000	20.000	0+520
0+560 20.000 560.000 1655.412 1655.323 -2.114 0+580 20.000 580.000 1654.870 1654.861 -2.509 0+600 20.000 600.000 1654.870 1654.861 -2.509 0+620 20.000 600.000 1653.788 -2.627 0+640 20.000 640.000 1652.706 1652.708 -2.627 0+680 20.000 680.000 1652.764 1652.214 -2.311 0+700 20.000 700.000 1651.623 1651.783 -1.996 0+720 20.000 720.000 1651.082 1651.415 -1.680 0+740 20.000 740.000 1650.541 1651.111 -1.365 1p POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128	-2.706	-1.720	1655.706	247 1655.953	540.000	20.000	0+540
0+600 20.000 600.000 1654.329 0+620 20.000 620.000 1653.788 0+640 20.000 640.000 1653.247 0+660 20.000 660.000 1652.706 1652.708 -2.627 0+680 20.000 680.000 1652.164 1652.214 -2.311 0+700 20.000 700.000 1651.623 1651.783 -1.996 0+720 20.000 720.000 1650.623 1651.415 -1.680 0+740 20.000 740.000 1650.541 1651.111 -1.365 Ip POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128	-2.700	-2.114	1655.323	089 1655.412	560.000	20.000	0+560
0+620 20.000 620.000 1653.788 0+640 20.000 640.000 1653.247 0+660 20.000 660.000 1652.706 1652.708 -2.627 0+680 20.000 680.000 1652.164 1652.214 -2.311 0+700 20.000 700.000 1651.623 1651.783 -1.996 0+720 20.000 720.000 1650.333 1651.415 -1.680 0+740 20.000 740.000 1650.541 1651.111 -1.365 Ip POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128	-2.706	-2.509	1654.861	010 1654.870	580.000	20.000	0+580
0+640 20.000 640.000 1653.247 0+660 20.000 660.000 1652.706 1652.708 -2.627 0+680 20.000 680.000 1652.164 1652.214 -2.311 0+700 20.000 700.000 1651.623 1651.783 -1.996 0+720 20.000 720.000 1651.082 1651.415 -1.680 0+740 20.000 740.000 1650.541 1651.111 -1.365 Ip POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128 .712	-2.706		1654.329		600.000	20.000	0+600
0+660 20.000 660.000 1652.706 1652.708 -2.627 0+680 20.000 680.000 1652.164 1652.214 -2.311 0+700 20.000 700.000 1651.623 1651.783 -1.996 0+720 20.000 720.000 1651.082 1651.415 -1.680 0+740 20.000 740.000 1650.541 1651.111 -1.365 Ip POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128 .712 .712 .712 .712 .712 .712	-2.700		1653.788		620.000	20.000	0+620
0+660 20.000 660.000 1652.706 1652.708 -2.627 0+680 20.000 680.000 1652.164 1652.214 -2.311 0+700 20.000 700.000 1651.623 1651.783 -1.996 0+720 20.000 720.000 1651.082 1651.415 -1.680 0+740 20.000 740.000 1650.541 1651.111 -1.365 Ip POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128 .712 .712 .712 .712 .712 .712	-2.706		1653.247		640.000	20.000	0+640
0+700 20.000 700.000 1651.623 1651.783 -1.996 0+720 20.000 720.000 1651.082 1651.415 -1.680 0+740 20.000 740.000 1650.541 1651.111 -1.365 Ip POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128 .712 .712 .712 .712 .712	-2.70€	-2.627	1652.708	.002 1652.706	660.000	20.000	0+660
0+720 20.000 720.000 1651.082 1651.415 -1.680 0+740 20.000 740.000 1650.541 1651.111 -1.365 Ip POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128 .712 .712 .712 .712 .712	-2.70	-2.311	1652.214	.049 1652.164	680.000	20.000	0+680
0+740 20.000 740.000 1650.541 1651.111 -1.365 Ip POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128 .712 .712 .712 .712 .713	-2.70	-1.996	1651.783		700.000	20.000	0+700
Ip POINT 0+755 15.000 755.000 1650.135 1650.924 -1.128	-2,70	-1.680	1651.415	.333 1651.082	720.000	20,000	0+720
.712	-2.70	-1,365	1651.111	.570 1650.541	740.000	20.000	0+740
0+760 5.000 760.000 1650.157 1650.870 -1.049	.45	-1.128	1650.924	.789 1650.135	755.000	15.000	
	.45	-1.049	1650.870	.712 1650.157	760.000	5.000	0+760
0+780 20.000 780.000 1650.247 1650.691734	.45	734	1650.691	.444 1650.247	780.000	20.000	0+780
0+800 20.000 800.000 1650.337 1650.576418	.45	418	1650.576	.239 1650.337	800.000	20.000	0+800
0+820 20.000 820.000 1650.427 1650.524102	.45	102	1650.524	.097 1650.427	820.000	20.000	0+820

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C .	REMARKS
0+860	20.000	860.000		1650.607		. 450
0+880	20,000	880.000		1650.697		.450
0+900	20.000	900.000		1650.787		.450
0+920	20.000	920.000		1650.877		.450
0+940	20.000	940.000		1650.967		.450
KA1-2 0+944.627	4.627	944.627		1650.988		. 450
0+960	15.373	960.000		1651.057		. 450
0+980	20.000	980.000		1651.147	·	.450
1+ 0	20.000	1000,000		1651.237		.450
1+ 20	20.000	1020.000		1651.327		450
1+ 40	20.000	1040.000		1651.417		. 450
1+ 60	20.000	1060.000	·	1651.507		.450
BCO-0 1+ 73.199	13.199	1073.199		1651.567	· · · · · · · · · · · · · · · · · · ·	.450
1+ 80	6.801	1080.000		1651.597		. 450
1+100	20.000	1100.000		1651.687		.450
1+120	20.000	1120.000		1651.777		.450
1+140	20.000	1140.000		1651.867		.450
1+160	20.000	1160.000		1651.957		.45
1+180	20.000	1180.000		1652.047		.45
1+200	20.000	1200.000		1652.137		.45
1+220	20.000	1220.000	•	1652.227		.45
1+240	20.000	1240.000		1652.317		.45
1+260	20.000	1260.000		1652,407		.45
1+280	20.000	1280.000		1652.497		.45

¥	4	-					**************************************
	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARKS
Ì	1+300	20.000	1300.000		1652.587		.450
	1+320	20.000	1320.000		1652.677		.450
	1+340	20.000	1340.000		1652.767		.450
	1+360	20.000	1360.000	:	1652.857		.450
	1+380	20.000	1380.000		1652.947		.450
	1+400	20.000	1400.000		1653.037		. 450
	1+420	20.000	1420.000		1653.127		.450
	1+440	20.000	1440.000		1653.217		. 450
	1+460	20.000	1460.000		1653.307		. 450
	1+480	20.000	1480.000		1653.397		.450
	1+500	20.000	1500.000		1653.487		. 450
	1+520	20.000	1520,000		1653.577		.450
	ECO-0 1+525,443	5.443	1525.443		1653.602		. 450
}	1+540	14.557	1540.000		1653.667		.450
-	1+560	20,000	1560,000		1653.757		.450
P	1+580	20.000	1580.000		1653.847		. 450
	1+600	20.000	1600.000		1653.937		. 450
*	1+620	20.000	1620.000		1654.027		.450
- -	1+640	20.000	1640.000		1654.117	Oh.	. 450
-	1+660	20.000	1660.000		1654.207		.450
	1+680	20,000	1680.000		1654.297		. 450
	1+700	20.000	1700,000		1654.387		.450
-	1+720	20.000	1720.000	.003 1654.477	1654.480	.481	. 450
L	11120	20.000		10011111	1001.100	1 .701	

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD Level	С	REMARKS
1+740	20.000	1740.000	.012 1654.567	1654.579	.512	.450
1+760	20.000	1760.000	.028 1654.657	1654.685	.543	.450
1÷780	20,000	1780.000	.050 1654.747	1654.797	.574	.450
1+800	20,000	1800.000	.078 1654.837	1654.915	.605	.760
Ip POINT 1+800	.000	1800.000	.078 1654.837	1654.915	.605	.760
1+820	20.000	1820.000	.050 1654.989	1655.039	.636	.760
1+840	20.000	1840.000	.028 1655.141	1655.169	.667	.760
1+860	20.000	1860.000	.012 1655.293	1655.305	.698	.760
1+880	20.000	1880.000	.003 1655.445	1655.448	.729	.760
1+900	20.000	1900.000		1655.597		.760
1+920	20.000	1920.000		1655.749		.760
1+940	20.000	1940.000		1655.901		.760
1+960	20.000	1960.000		1656.053		.760
BC1-0 1+970.243	10.243	1970.243		1656.131		.760
1+980	9.757	1980.000		1656.205		.760
2+ 0	20,000	2000.000		1656.357		.760
2+ 20	20.000	2020.000		1656.509		.760
2+ 40	20.000	2040.000		1656.661		.760
2+ 60	20.000	2060.000		1656.813		.760
2+ 80	20.000	2080.000		1656.965		.760
2+100	20.000	2100.000		1657.117		.760
2+120	20.000	2120.000		1657.269		.760
2+140	20.000	2140.000		1657,421		.760
2+160	20.000	2160.000		1657.573		.760

	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С	REMARKS
	2+180	20.000	2180.000		1657.725		.760
	2+200	20.000	2200.000	Company of the Compan	1657.877		.760
·	2+220	20.000	2220.000		1658.029		.760
	2+240	20.000	2240.000		1658.181		.760
	2+260	20.000	2260.000		1658.333		.760
	2+280	20.000	2280,000		1658.485		.760
	2+300	20,000	2300.000		1658,637		.760
	2+320	20.000	2320.000		1658.789		.760
	2+340	20.000	2340.000		1658.941		.760
j	2+360	20.000	2360.000		1659.093		.760
	2+380	20.000	2380.000		1659.245		.760
	2+400	20.000	2400.000		1659,397		.760
	2+420	20.000	2420.000		1659.549		.760
	2+440	20.000	2440.000		1659.701		.760
	2+460	20.000	2460,000		1659.853		.760
	2+480	20.000	2480.000		1660.005		.760
	2+500	20.000	2500.000		1660.157		.760
	2+520	20.000	2520,000		1660.309		.760
	2+540	20.000	2540.000		1660.461		.760
	2+560	20.000	2560.000		1660.613		.760
	2+580	20.000	2580.000		1660.765		.760
	2+600	20.000	2600.000		1660.917		.760
	2+620	20.000	2620.000		1661.069		.760
	2+640	20.000	2640.000		1661.221		.760

ű.						•	
		*					
	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD Level	· C	REMARKS
	2+660	20,000	2660.000	د مختصل پر در در در در در میکند کا در در در دارد کا در دارد	1661.373		.760
	2+680	20,000	2680.000	الله الله الله الله الله الله الله الله	1661.525	نور المساعدة	. 760
	2+700	20,000	2700.000	ين و الماريخ ا	1661.677	inggang dilina paggadilinang gang Milatelija (kin	.760
	2+720	20.000	2720.000		1661.829		. 760
	EC1-0 2+727.035	7.035	2727.035	, ,===================================	1661.882		.760
٠.	2+740	12,965	2740.000		1661.981		.760
	2+760	20,000	2760.000		1662.133		. 760:
	2+780	20.000	2780.000		1662.285		.760
	2+800	20.000	2800.000		1662.437		.760
	2+820	20.000	2820.000		1662.589		.760
	2+840	20.000	2840.000	·	1662.741		.760
	2+860	20.000	2860.000	·	1662.893		.760
	2+880	20.000	2880.000		1663.045		.760
	2+900	20.000	2900.000		1663.197		.760
	2+920	20.000	2920.000		1663.349		.760
	2+940	20.000	2940.000		1663.501		.760
	2+960	20.000	2960.000		1663.653		.760
	2+980	20.000	2980.000		1663.805		.760
	3+ 0	20.000	3000.000		1663.957		.760
:	3+ 20	20.000	3020.000		1664.109		.760
	3+ 40	20.000	3040.000		1664.261		.760
	3÷ 60	20.000	3060.000		1664.413		.760
	3+ 80	29,000	3080.000		1664.565		.760
	3+100	20.000	3100.000		1664.717		.760

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARK
3+120	20.000	3120.000	Mark Sall Code, pp. days before the construction of the constructi	1664.869		.70
3+140	20.000	3140.000		1665.021		.7
3+160	20.000	3160.000	namanananananananananananananananananan	1665.173	·	.70
3+180	20.000	3180.000	alan kan sa	1665.325		.7
3+200	20.000	3200.000		1665.477		.70
3+220	20.000	3220.000	والمراقبة	1665.629		.70
3+240	20.000	3240.000		1665.781		.70
3+260	20.000	3260.000		1665.933		.70
3+280	20.000	3280.000		1666.085		.70
3+300	20.000	3300.000		1666.237		.7
3+320	20.000	3320.000		1666.389		.7
3+340	20.000	3340.000		1666.541		.7
3+360	20.000	3360.000		1666.693		.7
3+380	20.000	3380.000		1666.845		.7
3+400	20.000	3400.000	·	1666.997		.7
3+420	20.000	3420.000		1667.149		.7
3+440	20,000	3440.000		1667.301		.7
3+460	20.000	3460.000		1667.453		.7
3+480	20.000	3480.000	·	1667.605	Market and the second	.7
3+500	20.000	3500.000		1667.757	·	.7
BC2-0 3+509,293	9.293	3509.293		1667.828		.7
3+520	10.707	3520.000		1667.909		, 7
3+540	20,000	3540.000		1668.061		.7
		. ;	_			

•	STATION	DISTANCE	ACCUMULATIVE DISTANCE	В Л	ROAD LEVEL	С .	REMARKS
	3+560	20.000	3560.000		1668.213	ANCHE A SUMMER AND A COMPANY OF THE SEAL AS	.760
	3+580	20.000	3580,000		1668.365		.760
	3+600	20.000	3600.000		1668.517		.760
	3+620	20.000	3620.000		1668.669		.760
	3+640	20.000	3640.000		1668.821		.760
	3+660	20.000	3660.000		1668.973		.760
	3+680	20.000	3680.000	·	1669.125		.760
	3+700	20.000	3700.000		1669.277		.760
]	3+720	20,000	3720.000		1669.429		.760
	3+740	20.000	3740.000		1669.581		.760
-	3+760	20.000	3760.000		1669.733		.760
1	3+780	20.000	3780.000	·····	1669.885		.760
į	3+800	20.000	3800.000	·	1670.037	:	.760
	3+820	20.000	3820.000	· .	1670.189		.760
	3+840	20.000	3840.000		1670.341		.760
	3+860	20.000	3860.000		1670.493		.760
	3+880	20.000	3880.000		1670.645		.760
	3+900	20.000	3900.000	-	1670.797		.760
	3+920	20.000	3920.000		1670.949		.760
-	3+940	20.000	3940.000		1671.101	·	.764
	3+960	20.000	3960.000		1671.253		.76
	3+980	20.000	3980.000		1671.405		.76
	4+ 0	20.000	4000.000		1671.557		.76
	4+ 20	20.000	4020.000		1671.709	· · · · · · · · · · · · · · · · · · ·	.760

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С.	REMARKS
4+ 40	20.000	4040.000		1671.861		.760
4+ 60	20.000	4060.000		1672.013		.760
4+ 80	20.000	4080.000		1672.165		.760
4+100	20.000	4100.000		1672.317		.760
4+120	20.000	4120.000		1672.469		.760
4+140	20,000	4140.000		1672.621		.760
4+160	20,000	4160.000		1672.773		.760
4+180	20,000	4180.000		1672.925		.760
4+200	20.000	4200.000		1673.077		.760
4+220	20.000	4220.000		1673.229		.760
4+240	20.000	4240.000		1673.381		.760
4+260	20.000	4280.000	.002 1673.533	1673.535	.802	.760
4+280	20.000	4280.000	.019 1673.685	1673.704	.886	.760
4+300	20.000	4300.000	.052 1673.837	1673.890	.970	.760
4+320	20.000	4320.000	.103 1673.989	1674.092	1.054	.760
4+340	20.000	4340.000	.170 1674.141	1674.311	1.138	.760
Ip POINT 4+350	10.000	4350.000	.210 1674.217	1674.427	1.180	1.600
4+360	10.000	4360.000	,170 1674,377	1674.547	1.222	1.600
4+380	20.000	4380.000	.103 1674.697	1674.800	1.306	1.600
4+400	20.000	4400.000	.052 1675.017	1675.070	1.390	1.600
4+420	20.000	4420.000	.019 1675.337	1675.356	1.474	1.600
4+440	20.000	4440.000	.002 1675.657	1675.659	1.558	1.600
4+460	20.000	4460.000		1675.977		1.600
4+480	20.000	4480.000		1676.297		1.600

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B . A	ROAD Level	. с :	REMARKS
4+500	20.000	4500.000		1676.617		1.600
4+520	20.000	4520.000		1676,937		1.600
EC2-0 4+535.215	15.215	4535.215		1677.180		1.600
4+540	4.785	4540,000		1677.257		1.600
4+560	20.000	4560.000		1677.577		1.600
4+580	20.000	4580.000		1677.897		1.600
4+600	20.000	4600.000		1678.217		1.600
4+620	20.000	4620.000	009 1678.537	1678.528	1.506	1.600
4+640	20.000	4640.000	038 1678.857	1678.819	1.412	1.600
4+660	20.000	4660.000	085 1679.177	1679.092	1.318	1.600
4+680	20.000	4680.000	151 1679.497	1679.346	1.223	1.600
4+700	20.000	4700.000	235 1679.817	1679.582	1.129	.659
1p POINT 4+700	.000	4700.000	235 1679.817	1679.582	1.129	.659
4+720	20.000	4720.000	151 1679.949	1679.798	1.035	.659
4+740	20.000	4740.000	085 1680.080	1679.996	.941	.659
4+760	20.000	4760.000	038 1680.212	1680.174	.847	.659
4+780	20.000	4780.000	009 1680.344	1680.334	.753	.659
4+800	20.000	4800.000		1680.476		.659
4+820	20.000	4820,000		1680.607		.659
4+840	20.000	4840.000		1680.739	·	.659
4+860	20.000	4860.000		1680.871		.659
4+880	20.000	4880.000	:	1681.002		.659
4+900	20.000	4900.000		1681.134		.659
KA3-1 4+910.382	10.382	4910.382		1681,202		.659

NOTTATE	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARKS
4+920	9.618	4920.000		1681.266		.659
4+940	20.000	4940.000		1681.397		.659
4+960	20.000	4960.000		1681.529		.659
4+980	20.000	4980.000		1681.661		.659
5+ 0	.000	5000.000	<u>.</u>	1681.793		.659
5+ 20	20.000	5020.000		1681.924		.659
5+ 40	20.000	5040.000		1682.056		.659
5+ 60	20.000	5060.000		1682.188		.659
5+ 80	20.000	5080.000		1682.319		.659
KE3-1 5+ 91.256	11.256	5091.256		1682.393		.659
5+100	8.744	5100.000		1682.451		.659
5+120	20.000	5120.000		1682.583		.659
5+140	20.000	5140.000		1682.714		.659
5+160	20.000	5160.000		1682.846		.659
5+180	20.000	5180.000		1682.978		.659
5+200	20,000	5200.000		1683.110		.659
5+220	20,000	5220.000		1683.241		.659
5+240	20.000	5240.000		1683.373	·	.659
5+260	20.000	5260.000		1683.505		.659
5+280	20.000	5280.000	·	1683.636	<u> </u>	.659
KE3-2 5+291.256	11.256	5291.256		1683.710		.659
5+300	8.744	5300.000		1683.768		.659
5+320	20.000	5320.000		1683.900		.659

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C .	REMARKS
5+340	20.000	5340.000		1684.031		.659
5+360	20.000	5360.000		1684.163		.659
5+380	20.000	5380,000		1684.295		.659
5+400	20.000	5400.000		1684.427		.659
5+420	20.000	5420.000	.039 1684.558	1684.597	1.046	.659
5+440	20.000	5440.000	.155 1684.690	1684.845	1.434	.659
5+460	20.000	5460.000	.349 1684.822	1685.171	1.822	.659
5+480	20,000	5480.000	.621 1684.953	1685.574	2.210	.659
5+500	20.000	5500.000	.970 1685.085	1686.055	2.598	4.537
Ip POINT 5+500	.000	5500.000	.970 1685.085	1686.055	2.598	4.537
5+520	20.000	5520.000	.621 1685.992	1686.613	2.986	4.537
5+540	20,000	5540.000	.349 1686.900	1687.249	3.374	4.537
5+560	20.000	5560.000	.155 1687.807	1687.963	3.762	4.537
5+580	20.000	5580.000	.039 1688.715	1688.754	4.149	4.537
5+600	20.000	5600.000		1689.622		4.537
KA3-2 5+617.777	17.777	5617.777		1690, 429		4.537
5+620	2.223	5620.000	The state of the s	1690.530	·	4.537
5+640	20.000	5640.000		1691.437		4.537
5+660	20.000	5660.000		1692.345		4.537
5+680	20.000	5680.000		1693.252		4.537
5+700	20.000	5700.000		1694.160		4.537
5+720	20.000	5720,000	028 1695.067	1695.039	4.255	4.537
5+740	20.000	5740.000	113 1695.975	1695.861	3.972	4.537
5+760	20.000	5760.000	255 1696.882	1696.628	3.689	4.537

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C .	REMARKS
5+780	20.000	5780.000	452 1697.790	1697.337	3.406	4.537
5+800	20.000	5800.000	707 1698.697	1697,990	3.123	1.709
Ip POINT: 5+800	.000	5800.000	707 1698.697	1697.990	3.123	1.709
BC4-0 5+817.777	17.777	5817.777	478 1699.001	1698.523	2.872	1.709
5+820	2.223	5820.000	452 1699.039	1698.586	2.840	1.709
5+840	20.000	5840.000	255 1699.381	1699.126	2.558	1.709
5+860	20.000	5860.000	113 1699.723	1699.609	2.275	1.709
5+880	20.000	5880.000	028 1700.064	1700.036	1.992	1.709
5+900	20.000	5900.000		1700.406		1.709
5+920	20.000	5920.000		1700.748		1.709
5+940	20.000	5940.000		1701.090		1.709
5+960	20.000	5960.000		1701.432		1.709
5+980	20.000	5980.000		1701.774		1.709
6+ 0	20.000	6000.000		1702.116		1.709
EBC5-0 6+ 1.864	1.864	6001.864		1702.147		1.709
6+ 20	18.136	6020.000		1702.457		1.709
6+ 40	20,000	6040.000		1702.799	25 anns an an	1.709
6+ 60°	20.000	6060.000		1703.141		1.709
6+ 80	20,000	6080.000		1703.483		1.709
6+100	20.000	6100.000		1703.825		1.709
6+120	20.000	6120.000	.023 1704.167	1704.189	1.936	1.709
6+140	20.000	6140.000	.091 1704.508	1704.599	2.162	1.709
6+160	20.000	6160.000	.204 1704.850	1705.054	2.389	1.709

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C .	REMARKS
6+200	20.000	6200.000	.566 1705.534	1706.100	2.842	3.975
Ip POINT 6+200	.000	6200.000	.566 1705.534	1706.100	2.842	3.975
6+220	20.000	6220.000	.362 1706.329	1706.691	3.069	3.975
6+240	20.000	6240.000	.204 1707.124	1707.328	3.295	3.975
6+260	20.000	6260.000	.091 1707.919	1708.009	3.522	3.975
6+280	20.000	6280.000	.023 1708.714	1708.736	3.748	3.975
6+300	20,000	6300.000		1709.509		3.975
6+320	20.000	6320.000		1710.304		3.975
6+340	20.000	6340.000		1711.099	· · · · · ·	3.975
6+360	20.000	6360.000		1711.894		3.975
EC5-0 6+379,176	19.176	6379,176		1712.656		3.975
6+380	.824	6380.000	}	1712.688		3,975
6+400	20.000	6400.000		1713.483		3.975
6+420	20.000	6420.000		1714.278		3.975
6+440	20.000	6440.000		1715.073		3.975
6+460	20.000	6460.000		1715.868		3.975
6+480	20.000	6480.000		1716.663		3.975
6+500	20.000	6500.000		1717.458		3.975
6+520	20.000	6520.000		1718.253		3.975
6+540	20.000	6540.000	***	1719.048	·	3.975
6+560	20.000	6560.000	the land to the la	1719.843		3.975
6+580	20,000	6580.000		1720.638		3,975
6+600	20.000	6600,000		1721.433	· philippens and the second and the	3.975
6+620	20.000	6620.000		1722.228		3.975

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С	REM/
6+640	20.000	6640.000	020 1723.023	1723.003	3.576	3
6+660	20.000	6660.000	179 1723.818	1723.638	2.779	3
6+680	20.000	6680.000	498 1724.613	1724.114	1.981	3
6+700	20.000	6700.000	977 1725.408	1724.431	1.184	3
6+720	20.000	6720.000	-1.615 1726.203	1724.588	.386	3
Ip POINT 6+730	10.000	6730.000	-1.994 1726.600	1724.606	013	-4
6+740	10.000	6740.000	-1.615 1726.200	1724.585	411	-4
6+760	20.000	6760.000	977 1725.400	1724.423	-1.209	-4
6+780	20.000	6780.000	498 1724.600	1724.102	-2.006	-4
6+800	20.000	6800.000	179 1723.800	1723.621	-2.804	-4
6+820	20.000	6820.000	020 1723.000	1722,980	-3.601	-4
6+840	20.000	6840.000		1722.200		-4
6+860	20.000	6860.000		1721.400		-4
6+880	20.000	6880.000		1720.600		-4
6+900	20.000	6900.000		1719.800		-4
6+920	20.000	6920.000		1719.000		-4
6+940	20.000	6940.000		1718.200		-4
6+960	20.000	6960.000	.011 1717.400	1717.411	-3.772	-4
6+980	20.000	6980.000	.102 1716.600	1716.702	-3.317	-1
7+ 0	20.000	7000.000	.284 1715.800	1716.084	-2.862	-/
7+ 20	20.000	7020.000	1715.000	1715.557	-2.407	-/
KA5-1 7+ 28.438	8.438	7028.438	.700 1714.662	1715.362	-2.216	
7+ 40	11.562	7040.000	.921 1714,200	1715.121	-1.952	

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	c .	REMARKS
Ip POINT 7+ 50	10.000	7050.000	1.138 1713.800	1714.938	-1.725	.550
7+ 60	10.000	7060.000	.921 1713.855	1714.776	-1.497	.550
7+ 80	20.000	7080.000	,557 1713.965	1714.522	-1.042	.550
7+100	20,000	7100.000	.28 <u>4</u> 1714.075	1714,359	587	.550
7+120	20.000	7120.000	.102 1714.185	1714.287	132	.550
7+140	20,000	7140.000	.011 1714.295	1714.306	.323	.550
7+160	20.000	7160.000		1714.405		.550
7+180	20,000	7180.000		1714.515		.550
7+200	20.000	7200.000		1714.625		.550
7+220	20,000	7220.000	Marylan, w To belle String, and the says and	1714.735		.550
7+240	20.000	7240.000		1714.845		.550
7+260	20.000	7260.000		1714.955		.550
7+280	20.000	7280.000		1715.065		.550
7+300	20.000	7300.000		1715.175		.550
7+320	20.000	7320.000		1715.285		.550
7+340	20.000	7340,000		1715.395		.550
7+360	20.000	7360.000		1715.505		.550
7+380	20.000	7380.000		1715.615		.550
7+400	20,000	7400.000		1715.725		.550
7+420	20.000	7420.000	.037 1715.835	1715.872	.918	.550
7+440	20,000	7440.000	.147 1715.945	1716.092	1.285	.550
KE6-1 7+450.107	10.107	7450.107	.231 1716.001	1716.231	1.471	.550
7+460	9,893	7460.000	.331 1716.055	1716.386	1.653	.550
7+480	20.000	7480.000	.588 1716.165	1716.753	2.020	.550

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С	REMARKS
7+500	20.000	7500.000	.919 1716.275	1717.194	2.388	4.225
1p POINT 7+500	.000	7500.000	.919 1716.275	1717.194	2.388	4.225
7+520	20.000	7520,000	.588 1717.120	1717.708	2.755	4.225
7+540	20.000	7540.000	.331 1717.965	1718.296	3.122	4.225
7+560	20,000	7560.000	.147 1718.810	1718.957	3.490	4.225
7+580	20.000	7580,000	.037 1719.655	1719.692	3.857	4.225
7+600	20.000	7600.000		1720.500		4.225
KEG-2 7+600.107	.107	7600.107		1720.505		4.225
7+620	19.893	7620.000		1721.345		4.225
7+640	20.000	7640.000		1722.190		4.225
7+660	20.000	7660.000		1723.035		4.225
7+680	20.000	7680.000		1723.880		4.225
7+700	20.000	7700.000		1724.725	. <u>.</u>	4.225
7+720	20.000	7720.000	039 1725.570	1725.531	3.832	4.225
7+740	20.000	7740.000	157 1726.415	1726.258	3.440	4.225
7+760	20.000	7760.000	353 1727.260	1726.907	3.047	4.225
7+780	20.000	7780.000	628 1728.105	1727.477	2.655	4.225
7+800	20.000	7800.000	981 1728.950	1727.969	2.262	.300
Ip POINT 7+800	.000	7800.000	981 1728.950	1727.969	2.262	.300
7+820	20.000	7820.000	628 1729.010	1728.382	1.870	.300
7+840	20.000	7840.000	353 1729.070	1728.717	1.477	.300
7+860	20.000	7860.000	157 1729. 130	1728.973	1.085	.300
7+880	20.000	7880.000	039 1729.190	1729.151	.692	.300
7+900	20,000	7900.000		1729.250		.300

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARKS
7+920	20,000	7920.000		1729.310		.300
7+940	20.000	7940.000		1729.370		.300
 7+960	20,000	7960.000		1729.430		.300
7+980	20.000	7980.000		1729.490		.300
8+ . 0	20.000	8000,000		1729.550		. 300
8+ 20	20.000	8020.000		1729.610		.300
8+ 40	20.000	8040.000		1729.670		.300
8+ 60	20.000	8060.000		1729.730		.300
8+ 80	20.000	8080.000		1729.790		.300
8+100	20.000	8100.000		1729.850		.300
8+120	20.000	8120.000	·	1729.910		.300
8+140	20.000	8140.000		1729.970	i	.300
KA6-2 8+153.505	13.505	8153.505		1730.011		.300
8+160	6.495	8160.000		1730.030		.300
8+180	20.000	8180.000		1730.090		.300
8+200	20.000	8200.000		1730.150		.300
8+220	20,000	8220.000	.010 1730.210	1730.220	.401	.300
8+240	20.000	8240.000	.040 1730.270	1730.310	.502	.300
 8+260	20.000	8260.000	.091 1730.330	1730.421	.603	.300
8+280	20.000	8280.000	.162 1730.390	1730.552	.704	.300
8+300	20.000	8300.000	.252 1730.450	1730.703	.805	1.310
Ip POINT 8+300	.000	8300,000	.252 1730.450	1730.703	.805	1.310
 KA7-1 8+303.505	3.505	8303.505	.235 1730.496	1730.731	.823	1.310
8+320	16.495	8320.000	.162 1730.712	1730.874	.906	1.310

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD Level		REMARKS
8+340	20.000	8340.000	.091 1730.974	1731.065	1.007	1.310
KE7-1 8+358.544	18.544	8358.544	.043 1731.217	1731.260	1.101	1.310
8+360	1.456	8360.000	.040 1731.236	1731.276	1.108	1.310
8+380	20.000	8380.000	.010 1731.498	1731.508	1.209	1.310
8+400	20.000	8400.000		1731.760		1.310
8+420	20.000	8420.000		1732.022		1.310
8+440	20.000	8440.000		1732.284		1.310
8+460	20.000	8460.000		1732.546		1.310
8+480	20.000	8480.000		1732.808		1.310
8+500	20.000	8500.000		1733.070		1.310
8+520	20.000	8520,000		1733.332		1.310
8+540	20.000	8540.000	ما المار ا	1733.594		1.310
8+560	20.000	8560.000		1733.856		1.310
8+580	20.000	8580.000		1734.118		1.310
8+600	20,000	8600.000		1734.380		1.310
KE7-2 8+608.544	8.544	8608.544		1734.492		1.310
8+620	11.456	8620.000		1734.642		1.310
8+640	20.000	8640.000		1734.904		1.310
8+660	20.000	8660.000	ang ang ang Palanggan California ang Palanggan Sanggan Sanggan Sanggan Sanggan Sanggan Sanggan Sanggan Sanggan	1735.166		1.310
8+680	20,000	8680.000		1735.428		1.310
8+700	20.000	8700.000		1735,690		1.310
8+720	20.000	8720,000	.027 1735.952	1735.979	1.579	1.310
8+740	20.000	8740.000	.108 1736.214	1736.322	1,848	1.310

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD Level	C	REMARKS
8+760	20,000	8760.000	.242 1736.476	1736.718	2.117	1.310
8+780	20.000	8780.000	.430 1736.738	1737.168	2.386	1.310
8+800	20.000	8800.000	.673 1737.000	1737.673	2,655	4.000
Ip POINT 8+800	.000	8800.000	.673 1737.000	1737.673	2.655	4.000
8+820	20.000	8820.000	.430 1737.800	1738.230	2.924	4.000
8+840	20.000	8840.000	.242 1738.600	1738.842	3.193	4.000
8+860	20.000	8860.000	. 108 1739. 400	1739.508	3.462	4.000
KA8-1 8+875.637	15.637	8875.637	.040 1740.025	1740.065	3.672	4.000
8+880	4.363	8880.000	.027 1740.200	1740.227	3.731	4.000
8+900	20,000	8900.000		1741.000		4.000
8+920	20,000	8920.000		1741.800		4.000
8+940	20,000	8940.000		1742.600		4.000
8+960	20.000	8960.000		1743.400		4.000
8+980	20.000	8980.000		1744.200		4.000
9+ 0	20.000	9000.000	·	1745.000	<u> </u>	4.000
9+ 20	20.000	9020.000		1745.800		4.000
9+ 40	20.000	9040.000		1746.600		4.000
9+ 60	20.000	9060.000	and maybe seed the fact of the seed of	1747.400		4.000
9+ 80	20.000	9080.000		1748.200		4.000
9+100	20.000	9100.000		1749.000		4.000
9+120	20.000	9120.000	026 1749.800	1749.774	3.740	4.000
KE8-1 9+125.638	5.638	9125.638	043 1750.026	1749.983	3.667	4.000
9+140	14.362	9140.000	104 1750.600	1750.496	3.480	4.000
9+160	20.000	9160.000	234 1751.400	1751.166	3.220	4,000

.

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARKS
9+180	20.000	9180.000	.416 1752.200	1751.784	2.960	4.000
9+200	20.000	9200.000	650 1753.000	1752.350	2.700	1.400
Ip POINT 9+200	.000	9200.000	650 1753.000	1752.350	2.700	1.400
9+220	20.000	9220.000	416 1753.280	1752.864	2.440	1,400
9+240	20.000	9240.000	234 1753.560	1753.326	2.180	1.400
9+260	20.000	9260.000	104 1753.840	1753.736	1.920	1,400
KE8-2 9+275.638	15.638	9275.638	039 1754.059	1754.020	1.717	1.400
9+280	4.362	9280.000	026 1754.120	1754.094	1.660	1.400
9+300	20.000	9300.000		1754.400		1.400
9+320	20.000	9320.000	.036 1754.680	1754.716	1.760	1.400
9+340	20.000	9340.000	1754.960	1755.104	2.120	1.400
9+360	20.000	9360.000	.324 1755.240	1755.564	2.480	1.400
9+380	20.000	9380.000	.576 1755.520	1756.096	2.840	1.400
9+400	20.000	9400.000	.900 1755.800	1756.700	3,200	5.000
1p POINT_ 9+400	.000	9400.000	.900 1755,800	1756,700	3.200	5.000
9+420	20.000	9420.000	.576 1756.800	1757.376	3.560	5.000
9+440	20.000	9440.000	.324 1757.800	1758.124	3.920	5.000
9+460	20.000	9460.000	.144 1758.800	1758.944	4.280	5.000
9+480	20.000	9480.000	.036 1759.800	1759.836	4.640	5.000
9+500	20.000	9500.000		1760.800		5.000
KA8-2 9+502.954	2.954	9502.954		1760.948		5.000
9+520	17.046	9520.000		1761.800		5.000
9+540	20.000	9540.000		1762.800		5.000
9+560	20.000	9560,000		1763.800		5.000

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	. C	REMARKS
9+580	20.000	9580.000		1764.800	д на Себе под Се постој н а <u>постој на биште</u> годи	5.000
9+600	20.000	9600.000		1765.800		5.000
9+620	20.000	9620.000	:	1766.800		5.000
9+640	20,000	9640.000		1767.800		5.000
KA9-1 9+652.954	12.954	9652.954		1768.448		5,000
9+660	7.046	9660.000		1768.800		5.000
9+680	20.000	9680.000		1769.800		5.000
9+700	20.000	9700,000		1770.800		5.000
9+720	20.000	9720.000		1771.800		5.000
9+740	20.000	9740.000		1772.800		5.000
9+760	20.000	9760.000	·	1773.800		5.000
9+780	20,000	9780.000		1774.800	:	5.000
9+800	20.000	9800.000		1775.800		5.000
9+820	20.000	9820.000		1776.800	:	5.000
9+840	20.000	9840.000		1777.800		5.000
9+860	20.000	9860.000		1778.800		5.000
9+880	20.000	9880.000		1779.800		5.000
9+900	20.000	9900.000		1780.800		5.000
9+920	20.000	9920.000		1781.800		5.000
9+940	20.000	9940.000		1782.800		5.000
9+960	20.000	9960.000		1783.800		5.000
9+980	20.000	9980.000		1784.800		5.000
10+ 0	20.000	10000.000		1785.800		5.000
		— 23	} 		· - American - American Construction	

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B	ROAD LEVEL	· C	REMARKS
10+ 0	.000	10000.000		1785.800		5.0X
10+ 20	20,000	10020.000	022 1786.800	1786.778	4.783	5.000
10+ 40	20.000	10040.000	087 1787.800	1787.713	4.565	5.000
10+ 60	20.000	10060.000	196 1788.800	1788.604	4.348	5.00
10+ 80	20.000	10080.000	348 1789.800	1789.452	4.131	5.00
10+100	20.000	10100.000	543 1790.800	1790.257	3.913	5.00
10+120	20.000	10120.000	782 1791.800	1791.018	3.696	5.00
10+140	20,000	10140.000	-1.065 1792.800	1791.735	3.479	5.00
10+160	20.000	10160.000	-1.391 1793.800	1792.409	3.261	5.00
10+180	20.000	10180.000	-1.760 1794.800	1793.040	3.044	5.00
10+200	20.000	10200.000	-2.173 1795.800	1793.627	2.827	5.00
10+220	20.000	10220.000	-2.630 1796.800	1794.170	2.609	5.00
10+240	20.000	10240.000	-3.130 1797.800	1794.670	2.392	5.00
10+260	20.000	10260.000	-3.673 1798.800	1795.127	2.175	5.00
10+280	20.000	10280.000	-4.260 1799.800	1795.540	1.957	5.00
10+300	20.000	10300.000	-4,890 1800.800	1795.910	1.740	-1.52
Ip POINT 10+300	.000	10300.000	-4.890 1800.800	1795.910	1.740	-1.52
10+320	20.000	10320.000	-4.260 1800.496	1796.236	1.523	-1.52
10+340	20.000	10340.000	-3.673 1800.192	1796.519	1.305	-1.52
10+360	20,000	10360.000	-3.130 1799.888	1796.758	1.088	-1.52
10+380	20.000	10380.000	-2.630 1799.584	1796,954	.871	-1.52
10+400	20,000	10400.000	-2.173 1799.280	1797.107	.653	-1.52
10+420	20.000	10420.000	-1.760 1798.976	1797.216	.436	-1.52

Γ	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARKS
1	10+460	20.000	10460.000	-1.065 1798.368	1797.303	.001	-1.520
	10+480	20.000	10480.000	782 1798.064	1797.282	216	-1.520
	10+500	20.000	10500.000	543 1797.760	1797.217	-,433	-1.520
	10+520	20.000	10520,000	348 1797.456	1797.108	651	-1.520
	10+540	20.000	10540.000	196 1797.152	1796.956	868	-1.520
	KE9-1 10+553.659	13.659	10553.659	117 1796.944	1796.828	-1.016	-1.520
	10+560	6.341	10560,000	087 1796.848	1796.761	-1.085	-1.520
	10+580	20,000	10580.000	022 1796.544	1796.522	-1.303	-1.520
ļ.	10+600	20.000	10600.000		1796.240		-1.520
1	10+620	20.000	10620.000	y kalii daliyo qooyayaa kalii kaliin kaliiya kalii	1795.936	and the second s	-1.520
-	10+640	20.000	10640.000	ermys (egygy as a Military yang ang Ang Military yang ang Military	1795.632		-1.520
	10+660	20.000	10660.000		1795.328		-1.520
	10+680	20.000	10680.000	and the second s	1795.024		-1.520
	10+700	20.000	10700.000	<u> </u>	1794.720	:	-1.520
	KE9-2 10+713.659	13.659	10713.659		1794.512		-1.520
	10+720	6.341	10720.000		1794.416		-1.520
	10+740	20.000	10740.000		1794.112		-1.520
	10+760	20.000	10760.000		1793.808		-1.520
	10+780	20.000	10780.000		1793.504		-1.520
	10+800	20,000	10800.000	:	1793.200		-1.520
	10+820	20.000	10820.000		1792.896		-1.520
	KA10-1 10+831.181	11.181	10831.181		1792.726		-1.520
	10+840	8.819	10840.000		1792.592		-1.520
	10+860	20.000	10860.000		1792.288		-1.520

	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C .	REMARKS
	10+880	20.000	10880.000		1791.984		-1.520
	10+900	20.000	10900.000		1791.680		-1.520
	10+920	20.000	10920.000		1791.376		-1.520
	10+940	20.000	10940.000		1791.072		-1.520
	10+960	20.000	10950.000		1790.768		-1.520
	10+980	20.000	10980.000		1790.464		-1.520
	KE10-1 10+991.181	11.181	10991.181		1790.294		-1.520
	11+ 0	8.819	11000.000		1790.160		-1.520
	11+ 20	20.000	11020.000	.030 1789.856	1789.886	-1.217	-1.520
	11+ 40	20.000	11040.000	.121 1789.552	1789.673	915	-1.520
	11+ 60	20.000	11060.000	.272 1789.248	1789.520	612	-1.520
	11+ 80	20.000	11080.000	.484 1788.944	1789.428	309	-1.520
ļ	11+100	20.000	11100.000	.757 1788.640	1789.397	007	1.507
- 1	Ip POINT 11+100	.000	11100.000	.757 1788.640	1789.397	007	1.507
	11+120	20.000	11120.000	.484 1788.941	1789.426	.296	1.507
	11+140	20.000	11140.000	.272 1789.243	1789.515	.599	1.507
	KE10-2 11+151.181	11.181	11151.181	.180 1789.411	1789.592	.768	1.507
	11+160	8,819	11160.000	.121 1789.544	1789.665	.901	1.507
	11+180	20.000	11180.000	.030 1789.845	1789.876	1.204	1.507
	11+200	20.000	11200.000		1790.147		1.507
	11+220	20.000	11220.000		1790.448	·	1.507
į	11+240	20.000	11240.000		1790.749		1.507
. [11+260	20,000	11260.000		1791.051		1.507
ſ	11+280	20,000	11280.000		1791.352	, - - 7	1.507

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	· C · . ·	REMARKS
11+300	20.000	11300.000		1791.654	<u>, </u>	1.507
11+320	20.000	11320.000		1791.955		1.507
11+340	20.000	11340.000		1792.256	gyddiadd caell ac dei y a gymraeth Charles A	1.507
11+360	20.000	11360.000		1792.558	and the second s	1.507
11+380	20.000	11380.000		1792.859		1.507
11+400	20.000	11400.000		1793.160		1.507
11+420	20.000	11420.000		1793.462		1.507
11+440	20.000	11440.000		1793.763	·	1.507
KA10-2 11+456.832	16.832	11456.832		1794.017		1.507
11+460	3.168	11460.000	×	1794.064		1.507
11+480	20.000	11480.000	es a suscession of the contract of the contrac	1794.366		1.507
11+500	20.000	11500.000	~ ~~~ ~~~~~	1794.667		1.507
11+520	20.000	11520.000		1794.968		1.507
11+540	20.000	11540.000		1795.270	·	1.507
11+560	20.000	11560.000	إسترميا وماداني ويروس ويردي ويردي	1795.571		1.507
11+580	20.000	11580.000	,	1795.872		1.507
11+600	20.000	11600.000		1796.174	:	1.507
KA11-1 11+616.832	16.832	11616.832		1796.427		1.507
11+620	3.168	11620.000		1796.475		1.507
11+640	20.000	11640.000		1796.776		1.507
11+660	20,000	11660.000		1797.078	**************************************	1.507
11+680	20,000	11680.000		1797.379		1.507
11+700	20.000	11700.000		1797.681	1	1.50

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С .	REMARKS
11+720	20.000	11720.000	SAN ARPENDICINE A FOLD	1797.982		1.507
11+740	20.000	11740.000		1798.283		1.507
11+760	20.000	11760.000		1798.585		1.507
11+780	20.000	11780.000		1798.886		1.507
11+800	20.000	11800.000		1799.187		1.507
11+820	20.000	11820.000		1799.489		1.507
11+840	20.000	11840.000		1799.790		1.507
11+860	20.000	11860.000		1800.091		1.507
11+880	20.000	11880.000		1800,393		1.507
11+900	20.000	11900.000		1800.694		1.507
11+920	20.000	11920.000	200-200-200-200-200-200-200-200-200-200	1800.995		1.507
11+940	20.000	11940.000		1801.297		1.507
11+960	20.000	11960.000		1801.598		1.507
11+980	20.000	11980.000		1801.899		1.507
12+ 0	20.000	12000.000		1802.201		1.507
12+ 20	20.000	12020.000		1802.502		1.507
12+ 40	20.000	12040.000		1802.803		1.507
12+ 60	20.000	12060.000		1803.105		1.507
12+ 80	20.000	12080.000		1803.406		1.507
12+100	20.000	12100.000		1803.708		1.507
12+120	20.000	12120.000		1804.009		1.507
12+140	20.000	12140.000		1804.310		1.507
12+160	20.000	12160.000		1804.612		1.507
12+180	20.000	12180.000		1804.913		1,507

220	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	c .	REMARKS
.	12+200	20.000	12200.000		1805.214		1.507
	12+220	20.000	12220.000	008 1805.516	1805.508	1.426	1.507
	12+240	20.000	12240.000	032 1805.817	1805.785	1.345	1.507
-	12+260	20.000	12260.000	073 1806.118	1806.046	1.265	1.507
	12+280	20.000	12280.000	129 1806.420	1806.291	1.184	1.507
	12+300	20.000	12300.000	202 1806.721	1806.519	1.103	.700
	Ip POINT: 12+300	.000	12300.000	202 1806.721	1806.519	1.103	.700
-	12+320	20.000	12320.000	129 1806.861	1806,732	1.023	.700
	12+340	20.000	12340.000	073 1807.001	1806.928	.942	.700
	12+360	20.000	12360.000	032 1807.141	1807.109	.861	.700
-	12+380	20.000	12380.000	008 1807.281	1807.273	.781	.700
	KE11-1 12+385.732	5.732	12385.732	004 1807.321	1807.317	.758	.700
	12+400	14.268	12400.000		1807.421		.700
į.	12+420	20.000	12420.000		1807.561		.700
	12+440	20.000	12440.000		1807.701		.700
	12+460	20.000	12460.000		1807.841		.700
	12+480	20.000	12480.000		1807.981		.700
	12+500	20.000	12500.000		1808.121		.700
	12+520	20.000	12520.000		1808.261		.700
	12+540	20.000	12540.000		1808.401		.700
	KE11-2 12+545.732	5.732	12545.732	and the last of th	1808.441		.700
	12+560	14.268	12560.000		1808.541		.700
	12+580	20.000	12580.000		1808.681		.700
	12+600	20.000	12600.000		1808.821		.700

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C .	REMARKS
12+620	20.000	12620.000		1808.961		700
12+640	20.000	12640.000		1809.101		.700
12+660	20.000	12660.000		1809.241		.700
12+680	20.000	12680.000		1809.381		.700
12+700	20.000	12700.000		1809.521		.700
12+720	20.000	12720.000		1809.661		.700
12+740	20.000	12740.000		1809.801		.700
12+760	20.000	12760.000	· · · · · · · · · · · · · · · · · · ·	1809.941		.700
12+780	20.000	12780.000		1810.081		.700
12+800	20.000	12800.000		1810.221		.700
12+820	20.000	12820.000		1810.361		.700
12+840	20.000	12840.000		1810.501		.700
12+860	20.000	12860.000		1810.641		.700
12+880	20.000	12880.000		1810.781		.700
12+900	20.000	12900.000		1810.921		.700
12+920	20.000	12920.000		1811.061		.700
12+940	20.000	12940.000		1811.201		.700
12+960	20.000	12960.000		1811.341		.700
12+980	20.000	12980.000		1811.481		.700
13+ 0	20.000	13000.000		1811.621		.700
13+ 20	20.000	13020.000		1811.761		.700
13+ 40	20.000	13040.000		1811.901		.700
13+ 60	20.000	13060.000		1812.041		.700
13+ 80	20.000	13080.000		1812.181		.700

	STATION	DISTANCE	ACCUMULATIVE DISTANCE	В Л	ROAD LEVEL	С	REMARKS
	13+100	20.000	13100.000		1812.321		.700
	13+120	20.000	13120.000	žiek tradičilomajo saviemu va parimini	1812.461		.700
	13+140	20.000	13140.000	anni jamas yyffallin yllinguyyyy yllin kirilli daydyyyy yllin	1812.601		.700
	13+160	20.000	13160.000		1812.741		.700
, ,	13+180	20.000	13180.000	hangaganakhanna ayang palikir kangarang Sel	1812.881		.700
	13+200	20.000	13200.000	inidassa, say waya Tini Cimidalogo ya maidd Daybongo ay aga gall	1813.021		.700
	13+220	20.000	13220.000		1813.161	:	.700
	13+240	20.000	13240.000		1813.301		.700
	13+260	20,000	13260.000		1813.441		.700
	13+280	20,000	13280.000		1813.581	·	.700
	13+300	20.000	13300.000		1813.721		.700
	13+320	20.000	13320.000		1813.861		.700
	13+340	20.000	13340.000		1814.001		.700
	13+360	20.000	13360.000	Non-september of the Statement Statement Statement Statement Statement Statement Statement Statement Statement	1814.141		.700
	13+380	20.000	13380.000		1814.281		.700
	KA11-2 13+387.914	7.914	13387.914	The second se	1814.336	pag pany ng paggalah Malakhan panggalah Malakhan sa	.700
	13+400	12.086	13400.000		1814.421		.700
. 1	13+420	20.000	13420.000		1814.561		.700
	13+440	20.000	13440,000		1814.701		.700
	13+460	20.000	13460.000		1814.841		.700
	13+480	20.000	13480.000		1814.981		.700
: .	13+500	20.000	13500.000		1815.121		.700
	13+520	20.000	13520.000		1815.261	-	.700

• .						
STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С	REMARKS
13+540	20.000	13540.000		1815.401		.700
KA12-1 13+547.914	7.914	13547.914		1815.456		.700
13+560	12.086	13560.000		1815.541	·	.700
13+580	20.000	13580.000		1815.681		.700
13+600	20.000	13600.000		1815.821		.700
13+620	20.000	13620.000	002 1815.961	1815.959	.676	.700
13+640	20.000	13640.000	010 1816.101	1816.091	.652	.700
13+660	20.000	13660.000	022 1816.241	1816.219	.628	.700
13+680	20.000	13680.000	038 1816.381	1816.343	.604	.700
13+700	20.000	13700.000	060 1816.521	1816.461	.580	.460
Ip POINT 13+700	.000	13700.000	060 1816.521	1816.461	.580	. 460
13+720	20.000	13720.000	038 1816.613	1816.575	.556	.460
13+740	20.000	13740.000	022 1816.705	1816.683	.532	. 460
13+760	20.000	13760.000	010 1816.797	1816.787	.508	. 460
13+780	20.000	13780.000	002 1816.889	1816.887	.484	.460
13+800	20.000	13800.000		1816.981		. 46(
13+820	20.000	13820.000		1817.073		. 460
13+840	20.000	13840.000		1817.165		.460
13+860	20.000	13860.000		1817.257		.46
13+880	20,000	13880,000		1817.349	· · · · · · · · · · · · · · · · · · ·	. 46
13+900	20.000	13900.000	- Light - Marcon Marcon 1807	1817.441	Addition to the same of the sa	.46
13+920	20.000	13920.000		1817.533		. 46
13+940	20.000	13940.000		1817.625		. 46
13+960	20.000	13960.000		1817.717		.46

	STATION	DISTANCE	ACCUMULATIVE DISTANCE	В Л	ROAD LEVEL	С	REMARKS
	13+980	20,000	13980.000	en e	1817.809	re-redicitor con di Collection America com	.460
: .	14+ 0	20.000	14000.000	BECOLUMN PROPERTY OF THE STATE	1817.901		. 460
	14+ 20	20.000	14020.000		1817.993		.460
	14+ 40	20.000	14040.000		1818.085		.460
	14+ 60	20.000	14060.000		1818.177		.460
	14+ 80	20.000	14080.000		1818.269		.460
	14+100	20.000	14100.000		1818.361		.460
	14+120	20.000	14120.000		1818.453	·	.460
	14+140	20.000	14140.000		1818.545		.460
	14+160	20.000	14160.000		1818.637	n de la constanta de la consta	.460
	14+180	20.000	14180.000		1818.729		.460
	14+200	20.000	14200.000		1818.821	·	.460
	14+220	20.000	14220.000		1818.913		.460
	14+240	20.000	14240.000		1819.005	**************************************	.460
	14+260	20.000	14260.000		1819.097	de Company of the Com	. 460
	14+280	20.000	14280.000		1819.189	~~	.460
	14+300	20.000	14300.000		1819.281		.460
	14+320	20.000	14320.000		1819.373		.460
	14+340	20.000	14340,000		1819.465		. 460
	14+360	20.000	14360.000		1819.557	Openius in the latest and the latest	. 460
	14+380	20.000	14380.000		1819.649		.460
	14+400	20.000	14400.000	s. Salugha ang ke pang ke king kang ang ke pangang	1819.741	Processor and design processors and	.460
	14+420	20.000	14420.000	Oppost program and the control of the	1819.833		. 460
	14+440	20.000	14440.000		1819.925		.460

•.	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С	REMARKS
	14+460	20.000	14460.000		1820.017		.460
	14+480	20.000	14480.000		1820,109	MacCommon grouply gybbon o	.460
	14+500	20.000	14500.000		1820.201		460
	14+520	20.000	14520.000		1820.293		.460
	14+540	20.000	14540.000		1820.385		.460
	14+560	20.000	14560.000		1820.477	The second se	.460
	14+580	20.000	14580.000		1820.569		.460
	14+600	20.000	14600.000		1820.661		.460
	14+620	20.000	14620.000		1820.753		.460
	14+640	20.000	14640.000		1820.845		.460
	14+660	20.000	14660.000		1820.937		.460
	14+680	20.000	14680.000		1821.029		.460
٠.	14+700	20.000	14700.000	==A\con=s · · · · · · · · · · · · · · · · ·	1821.121		.460
	14+720	20.000	14720.000		1821.213		.460
	14+740	20.000	14740.000		1821.305		.460
-	14+760	20.000	14760.000		1821.397		.460
	14+780	20.000	14780.000		1821.489		.460
	14+800	20.000	14800.000		1821.581		.460
	14+820	20.000	14820.000		1821.673		.460
	14+840	20.000	14840.000		1821.765		.460
	KE12-1 14+857.058	17.058	14857.058	,	1821.843		.460
	14+860	2.942	14860.000		1821.857		.460
	14+880	20.000	14880.000		1821.949		460
	14+900	20.000	14900.000		1822.041		.460

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С	REMARKS
14+920	20.000	14920.000	Elizabeth and Aller and Al	1822.133		. 460
14+940	20.000	14940.000	01 3 ch 30 miles	1822.225		. 460
14+960	20.000	14960.000		1822.317		.460
14+980	20.000	14980.000		1822.409		.460
15+ 0	.000	15000.000		1822.501		.460
15+ 20	20.000	15020.000		1822.593		.460
15+ 40	20.000	15040.000	·	1822.685		.460
15+ 60	20,000	15060,000		1822.777	-	.460
15+ 80	20.000	15080.000	:	1822.869		.460
15+100	20.000	15100.000		1822.961	-	.460
15+120	20.000	15120.000		1823.053		.460
15+123.724	3.724	15123.724		1823.070	· /// //	.460
15+140	16.276	15140.000		1823.145		.460
15+160	20.000	15160.000		1823.237		. 460
15+180	20.000	15180.000		1823.329		.46
15+200	20.000	15200.000		1823.421		.46
15+220	20.000	15220.000		1823.513	·····	.46
15+240	20.000	15240.000	on the second	1823.605	·	.46
15+260	20.000	15260.000		1823.697		.46
15+280	20.000	15280.000		1823.789		.46
15+300	20.000	15300.000		1823.881		. 46
15+320	20.000	15320.000	a a market a supple to the sup	1823.973		. 46
15+340	20.000	15340,000	Salah Sa	1824.065		.40
<u> </u>						A REPORT OF THE PROPERTY OF TH

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARKS
15+360	20.000	15360.000	And Military leaves and the second section of the second of the	1824.157	-14	.460
15+380	20.000	15380.000	N. S.	1824.249	The state of the s	.460
15+400	20.000	15400.000		1824.341	Maria da anticipa de la compansión de la	.460
15+420	20.000	15420.000		1824.433		.460
15+440	20.000	15440.000		1824.525		.460
15+460	20,000	15460.000		1824.617		.460
15+480	20.000	15480.000		1824.709		.460
, 15+484.875	4.875	15484.875		1824.731	:	.460
* 15+320	20.000	15320.000		1824.823		. 460
* 15+340	20.000	15340.000		1824.915		.460
* 15+360	20.000	15360.000		1825.007		.460
* 15+380	20.000	15380.000		1825.099		.460
* 15+400	20.000	15400.000		1825.191	:	.460
* 15+420	20.000	15420.000		1825.283		.460
* 15+440	20.000	15440.000		1825.375		.460
* 15+460	20.000	15460.000		1825.467		.460
* 15+480	20.000	15480.000	·	1825.559		.460
KE12-2 * 15+484.875	4.875	15484.875		1825.581		.460
15+500	15.125	15500.000		1825.651		. 460
15+520	20.000	15520.000		1825.743		.460
15+540	20.000	15540.000		1825.835		.460
15 + 560	20.000	15560.000		1825.927		.460
15+580	20.000	15580.000		1826.019		.460
15+600	20.000	15600.000		1826.111		.460

STATION	DISTANCE	ACCUMULATIVE DISTANCE	В Л	ROAD Level	С	REMARKS
15+620	20.000	15620.000	.012 1826.203	1826.215	.581	.46
15+640	20.000	15640.000	.049 1826.295	1826.344	.703	. 46
15+660	20.000	15660,000	.109 1826.387	1826.496	.824	. 46
15+680	20.000	15680.000	.194 1826.479	1826.673	.945	. 46
15+700	20.000	15700.000	.303 1826.571	1826.874	1.067	1.67
Ip_POINT_ 15+700	.000	15700.000	.303 1826.571	1826.874	1.067	1.67
15+720	20.000	15720.000	.194 1826.906	1827.100	1.188	1.67
15+740	20.000	15740.000	.109 1827.240	1827.350	1.309	1.67
15+760	20.000	15760.000	.049 1827.575	1827.624	1.431	1.67
15+780	20.000	15780.000	.012 1827.910	1827.922	1.552	1.67
15+800	20.000	15800,000		1828.245		1.67
15+820	20.000	15820.000		1828.579		1.67
15+840	20.000	15840.000		1828.914		1.67
15+860	20.000	15860.000		1829.249		1.67
15+880	20.000	15880.000	annan yang saman kan saman dika inggal di kalabi saka salah saka salah saka salah saka salah saka salah saka s	1829.583		1.67
15+900	20,000	15900.000		1829.918		1.67
15+920	20.000	15920.000		1830.253		1.67
15+940	20.000	15940.000		1830.587		1.67
15+960	20.000	15960.000		1830.922		1.67
15+980	20.000	15980.000		1831.257		1.67
16+ 0	20.000	16000.000		1831.592		1.67
16+ 20	20.000	16020.000		1831.926		1.67
16+ 40	20.000	16040.000		1832.261		1.67
16+ 60	20.000	16060.000	·	1832.596		1.67

STATION	DISTANCE	ACCUMULATIVE DISTANCE	В	ROAD LEVEL	C	REMARKS
16+ 80	20.000	16080.000		1832.930	Andrew Control of the	1.674
16+100	20.000	16100.000	Control of the Contro	1833.265	** ***********************************	1.674
16+120	20.000	16120.000		1833.600	:	1.674
16+140	20.000	16140.000		1833.934	indicate and the separate constraints after the	1.674
16+160	20.000	16160.000		1834.269		1.674
16+180	20,000	16180.000		1834.604		1.674
16+200	20.000	16200.000		1834.939		1.674
16+220	20.000	16220.000		1835.273		1.674
16+240	20.000	16240.000		1835.608		1.674
16+260	20.000	16260.000		1835.943		1.674
16+280	20.000	16280.000		1836.277		1.674
16+300	20.000	16300.000		1836.612		1.674
16+320	20.000	16320.000		1836.947		1.674
16+340	20.000	16340.000		1837.281	:	1.674
16+360	20.000	16360.000		1837.616		1.674
16+380	20.000	16380.000		1837.951		1.674
16+400	20,000	16400.000		1838.286		1.674
16+420	20.000	16420.000		1838.620		1.674
16+440	20.000	16440.000		1838.955		1.674
KA12-2 16+456.704	16.704	16456.704		1839.234		1.674
16+460	3.296	16460.000		1839.290		1.674
16+480	20.000	16480.000	:	1839.624		1.674
16+500	20.000	16500.000		1839.959		1.674
16+520	20.000	16520.000		1840.294		1.674

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С	REMARKS
16+540	20.000	16540.000		1840.628		1.674
16+560	20,000	16560.000		1840.963	***************************************	1.674
16+580	20.000	16580.000		1841.298		1.674
16+600	20,000	16600.000		1841.633		1.674
16+620	20.000	16620.000		1841.967		1.674
16+640	20.000	16640.000		1842.302		1.674
16+660	20.000	16660.000		1842.637		1.674
16+680	20.000	16680.000		1842.971	. :	1.674
16+700	20.000	16700.000		1843.306		1.674
16+720	20.000	16720.000		1843.641		1.674
BC13-0 16+723.371	3.371	16723.371		1843.697	·	1.674
16+740	16.629	16740.000		1843.975		1.674
16+760	20.000	16760.000		1844.310	·	1.674
16+780	20.000	16780.000		1844.645		1.674
16+800	20.000	16800.000		1844.980		1.674
16+820	20.000	16820.000		1845.314		1.674
16+840	20.000	16840.000		1845.649		1.674
16+860	20.000	16860.000		1845.984		1.674
16+880	20.000	16880.000		1846.318		1.674
16+900	20.000	16900.000		1846.653		1.674
16+920	20.000	16920.000		1846.988		1.674
16+940	20.000	16940.∞0	·	1847.322		1.674
16+960	20.000	16960.000		1847.657		1.674

.

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С	REMARKS
16+980	20.000	16980.000		1847.992		1.674
17+ 0	20.000	17000.000		1848.327		1.674
EC13-0 17+ 1.584	1.584	17001.584	.000 1848.353	1848.353	1.680	1.674
17+ 20	18.416	17020.000	.009 1848.661	1848.670	1.759	1.674
17+ 40	20.000	17040.000	.034 1848.996	1849.030	1.845	1.674
17+ 60	20.000	17060.000	.077 1849.331	1849.408	1.930	1.674
17+ 80	20.000	17080.000	.137 1849.665	1849.802	2.016	1.674
17+100	20.000	17100.000	.214 1850.000	1850.214	2.102	2.530
lp POINT 17+100	.000	17100.000	.214 1850.000	1850.214	2.102	2.530
17+120	20.000	17120.000	. 137 1850. 506	1850.643	2.187	2.530
17+140	20.000	17140.000	.077 1851.012	1851.089	2.273	2.530
17+160	20.000	17160.000	.034 1851.518	1851.552	2.359	2.530
17+180	20.000	17180.000	.009 1852.024	1852.033	2.444	2.530
17+200	20.000	17200.000		1852.530		2.530
17+220	20.000	17220.000		1853.036		2.530
17+240	20.000	17240.000		1853.542		2.530
17+260	20.000	17260.000		1854.048		2.530
17+280	20.000	17280.000		1854.554		2.530
17+300	20.000	17300.000		1855.060		2.530
17+320	20.000	17320.000		1855.566		2.530
17+340	20.000	17340.000		1856.072		2.530
KA14-1 17+341.462	1.462	17341.462		1856.109		2.530
17+360	18.538	17360.000		1856.578		2.530
17+380	20.000	17380.000		1857.084		2.530

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD Level	C	REMARKS
17+400	20.000	17400.000		1857.590		2.530
17+420	20.000	17420.000	The second secon	1858.096	O CONTROL CONTROL OF THE PARTY	2.530
17+440	20.000	17440.000		1858.602		2.530
17+460	20.000	17460.000		1859.108		2.530
17+480	20.000	17480.000		1859.614		2.530
17+500	20.000	17500.000		1860.120	·	2.530
17+520	20.000	17520.000		1860.626		2.530
17+540	20.000	17540.000		1861.132		2.530
17+560	20.000	17560,000		1861.638		2.530
17+580	20.000	17580.000		1862.144		2.530
17+600	20.000	17600.000		1862.650		2.530
17+620	20.000	17620.000		1863.156		2.530
17+640	20.000	17640.000	·	1863.662		2.530
17+660	20.000	17660.000		1864.168		2.530
17+680	20.000	17680.000		1864.674		2.530
17+700	20.000	17700.000		1865.180		2.530
KE14-1 17+717.493	17.493	17717.493		1865.623		2.530
17+720	2.507	17720.000		1865.686		2.530
17+740	20.000	17740.000	:	1866.192		2.530
17+760	20.000	17760.000	1	1866.698		2.530
17+780	20.000	17780.000		1867.204		2.530
17+800	20.000	17800.000		1867.710		2.530
17+820	20.000	17820.000	009 1868.216	1868.207	2.436	2.530
17+840	20.000	17840.000	038 1868.722	1868.684	2.341	2.530

_		.					
	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARKS
	17+860	20.000	17860.000	085 1869.228	1869.143	2.247	2.530
	KE14-2 17+867.493	7.493	17867.493	107 1869.418	1869.310	2.212	2.530
	17+880	12.507	17880.000	151 1869.734	1869.583	2.153	2.530
	17+900	20.000	17900.000	236 1870.240	1870.004	2.058	2.530
	17+920	20.000	17920.000	340 1870.746	1870.406	1.964	2.530
	17+940	20.000	17940.000	462 1871.252	1870.790	1.870	2.530
	17+960	20.000	17960.000	604 1871.758	1871.154	1.775	2.530
	17+980	20.000	17980.000	764 1872.264	1871.500	1.681	2.530
	18+ 0	20.000	18000.000	943 1872.770	1871.827	1.587	2.530
_	18+ 20	20.000	18020.000°	-1.141 1873.276	1872.135	1.492	2.530
	18+ 40	20.000	18040.000	-1.358 1873.782	1872.424	1.398	2.530
	18+ 60	20.000	18060.000	-1.594 1874.288	1872.694	1.304	2.530
	18+ 80	20,000	18080.000	-1.849 1874.794	1872.945	1.209	2.530
	18+100	20.000	18100.000	-2.122 1875.300	1873.178	1.115	300
_	Ip POINT 18+100	.000	18100.000	-2.122 1875.300	1873.178	1.115	300
	18+120	20.000	18120.000	-1.849 1875.240	1873.391	1.021	300
ļ 	KA15-1 18+136.257	16.257	18136.257	-1.640 1875.191	1873.551	.944	300
	18+140	3.743	18140.000	-1.594 1875.180	1873.586	.926	300
<u> </u> 	18+160	20.000	18160.000	-1.358 1875.120	1873.762	.832	300
	18+180	20.000	18180.000	-1.141 1875.060	1873.919	.738	300
_	18+200	20.000	18200.000	943 1875.000	1874.057	.643	300
_	18+220	20.000	18220.000	764 1874.940	1874.176	.549	300
_	18+240	20.000	18240.000	604 1874.880	1874.276	.455	-,300
	18+260	20.000	18260.000	462 1874.820	1874.358	.360	300

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARKS
18+280	20.000	18280.000	340 1874.760	1874.420	.266	30
KE15-1 18+286.257	6.257	18286.257	305 1874.741	1874.436	.236	300
18+300	13,743	18300,000	236 1874.700	1874.464	.172	300
18+320	20.000	18320.000	151 1874.640	1874.489	.077	300
18+340	20.000	18340.000	085 1874.580	1874.495	017	300
18+360	20.000	18360.000	038 1874.520	1874.482	111	300
18+380	20.000	18380.000	009 1874.460	1874.451	206	300
18+400	20.000	18400.000		1874.400		300
18+420	20.000	18420.000		1874.340		300
18+440	20.000	18440.000		1874.280		300
18+460	20.000	18460.000		1874.220	·	300
18+480	20.000	18480.000	1	1874.160		300
18+500	20.000	18500.000		1874.100		300
18+520	20.000	18520.000		1874.040		300
18+540	20.000	18540.000		1873.980		300
18+560	20.000	18560.000		1873.920		300
18+580	20.000	18580.000		1873.860		300
18+600	20.000	18600.000		1873.800		300
18+620	20.000	18620.000		1873.740		300
18+640	20.000	18640.000		1873.680		300
18+660	20.000	18660.000		1873.620		300
18+680	20.000	18680.000		1873.560		300
18+700	20.000	18700.000		1873.500		300
4 m (1,44)						

	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	C	REMARKS
	18+720	20.000	18720.000		1873.440		300
	KE15-2 18+736.257	16.257	18736.257		1873.391		300
	18+740	3.743	18740.000		1873.380		300
	18+760	20.000	18760.000		1873.320		300
	18+780	20.000	18780.000		1873.260		300
	18+800	20,000	18800.000		1873.200		300
Ì	18+820	20.000	18820.000		1873.140		300
	18+840	20,000	18840.000		1873.080		300
	18+860	20.000	18860.000		1873.020		300
 -	18+880	20.000	18880.000		1872.960		300
ļ	18+900	20.000	18900.000		1872.900		300
	18+920	20.000	18920.000	· · · · · · · · · · · · · · · · · · ·	1872.840		300
ļ -	18+940	20.000	18940.000		1872.780		300
	18+960	20.000	18960.000		1872.720	·	300
	18+980	20.000	18980.000		1872.660		300
	19+ 0	20.000	19000.000		1872.600		300
	19+ 20	20.000	19020.000	.022 1872.540	1872.562	080	300
	19+ 40	20.000	19040.000	.088 1872.480	1872.568	.140	300
	KA15-2 19+ 51.992	11.992	19051.992	.149 1872.444	1872.593	.272	300
	19+ 60	8.008	19060.000	. 198 1872. 420	1872.618	.360	300
	19+ 80	20.000	19080.000	.352 1872.360	1872.712	.580	300
	19+100	20.000	19100.000	.550 1872.300	1872.850	.800	1.900
	Ip POINT 19+100	.000	19100.000	.550 1872.300	1872,850	.800	1.900
	19+120	20.000	19120.000	.352 1872.680	1873.032	1.020	1.900

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD LEVEL	С	REMARKS
19+140	20.000	19140.000	1873.060	1873.258	1.240	1.900
19+160	20.000	19160.000	.088 1873.440	1873.528	1.460	1.900
19+180	20.000	19180.000	.022 1873.820	1873.842	1.680	1.900
19+200	20.000	19200.000		1874.200		1.900
19+220	20.000	19220.000		1874.580		1.900
19+240	20.000	19240.000		1874.960		1.900
19+260	20.000	19260.000		1875.340		1.900
19+280	20.000	19280.000		1875.720		1.900
19+300	20.000	19300.000		1876.100		1.900
19+320	20.000	19320.000		1876.480		1.900
19+340	20.000	19340.000		1876,860		1.900
19+360	20.000	19360.000		1877.240	·	1.900
19+380	20.000	19380.000		1877.620		1.900
19+400	20.000	19400.000		1878.000		1.900
19+420	20.000	19420.000	016 1878.380	1878.364	1.740	1.900
19+440	20.000	19440.000	064 1878.760	1878.696	1.580	1.900
19+460	20.000	19460.000	144 1879.140	1878.996	1.420	1.900
19+480	20.000	19480.000	256 1879.520	1879.264	1.260	1.900
19+500	20.000	19500.000	400 1879.900	1879.500	1.100	.300
Ip POINT 19+5∞	.000	19500.000	400 1879.900	1879.500	1.100	.300
KA16-1 19+501.992	1.992	19501.992	384 1879.906	1879.522	1.084	.300
19+520	18.008	19520.000	256 1879.960	1879.704	.940	.300
19+540	20.000	19540.000	144 1880.020	1879.876	.780	.300
19+560	20.000	19560.000	064 1880.080	1880.016	.620	.300

	STATION	DISTANCE	ACCUMULATIVE DISTANCE	B A	ROAD Level	C	REMARKS
	19+580	20.000	19580.000	016 1880.140	1880.124	.460	.300
	19+600	20.000	19600.000		1880.200		.300
	19+620	20.000	19620.000	·	1880.260		.300
	19+640	20.000	19640.000		1880.320		.300
L	19+660	20.000	19660.000		1880.380		.300
	KE16-1 19+665.166	5.166	19665.166	·	1880.395		.300
	19+680	14.834	19680.000		1880.440		.300
	19+700	20.000	19700.000		1880.500		. 300
	19+720	20.000	19720.000		1880.560		.300
-	19+740	20.000	19740.000		1880.620		.300
	19+760	20.000	19760.000		1880.680		.300
	19+780	20.000	19780.000		1880.740		.300
	19+800	20.000	19800.000		1880.800		.300
	19+820	20.000	19320.000		1880.860		.300
	19+840	20.000	19840.000		1880.920		.300
	19+860	20.000	19860.000		1880.980		.300
	KA16~2 19+873.500	13.500	19873.500		1881.021		.300
	19+880	6,500	19880.000		1881.040		.300
	19+900	20.000	19900.000		1881.100		.300
	19+920	20.000	19920.000		1881.160		.300
	19+940	20.000	19940.000	Ì	1881.220		.300
	19+960	20.000	19960.000		1881.280		.300
-	19+980	20.000	19980.000		1881.340		.300
	20+ 0	20.000	20000.000		1881.400		.300

STATION	DISTANCE	ACCUMULATIVE DISTANCE	B	ROAD LEVEL	C	REMA
20+ 0	.000	20000.000	H	1881.400	· · · · · · · · · · · · · · · · · · ·	
20+ 20	20.000	20020.000		1881.460		************
20+ 40	20.000	20040.000		1881.520		
20+ 60	20.000	20060.000		1881.580		
20+ 80	20,000	20080.000		1881.640		
20÷100	20.000	20100.000		1881.700		
20+120	20.000	20120.000		1881.760		
20+140	20.000	20140.000		1881.820		
20+160	20.000	20160.000	.001 1881.880	1881.881	.310	
20+180	20.000	20180.000	.005 1881.940	1881.945	.330	
20+200	20.000	20200.000	.013 1882.000	1882.013	.350	
20+220	20.000	20220.000	.025 1882.060	1882.085	.370	
20+240	20.000	20240.000	.041 1882.120	1882.161	.390	
Ip POINT 20+250	10.000	20250.000	.050 1882.150	1882.200	.400	
20+260	10.000	20260.000	.041 1882.200	1882.241	.410	
20+280	20.000	20280.000	.025 1882.300	1882.325	.430	
20+300	20.000	20300.000	.013 1882.400	1882.413	. 450	
20+320	20.000	20320.000	.005 1882.500	1882.505	.470	
20+340	20.000	20340.000	.001 1882.600	1882.601	.490	
20+360	20.000	20360.000		1882.700		
20+380	20.000	20380.000		1882.800		
20+400	20.000	20400.000		1882.900		
20+420	20,000	20420.000	.023 1883.000	1883,023	.725	
20+440	20.000	20440.000	.090 1883.100	1883.190	.950	