Segment 6 (4-lane)

	C. L. YA			an will		Unit Cost	4.		Constructi	on Cost	<u> </u>
Item	Sub-Item	Class	Unit	Quantity	F.C.	L.C.	Tax	F.C.	L.C.	Tax	Total
Site	Residential		₁₃ 2	39,244	1.90	1.26	0.16	74,563	49,447	6,279	130,290
Clearing	Field		₁₃ 2	Q	0.26	0.17	0.02	0	Ō	0	0
Excavation	Soil	CORNON	£ ₂₁	20,073,1	1,24	0.89	0.11	24,890.64	17,865.06	2,208.04	44,963.74
Waste	Soil	comson	_m 3	9,146,8	1.74	1.89	0.29	15,915	17,287	2,653	35,855
Embankment	Soil	common	₁₃ 3	10,926.5	3.85	1.46	0,51	42,067.03	15,952.69	5,572,52	63,592.24
Slope	Grass	<u> </u>	_m 2	0	0	5.25	0.30	Ó	. 0	Q	0
Marine Barra	Sidewalk	Grass & Tree	₁₃ 2	25,292.6	1.26	4.94	0.32	31,868,68	124,945.44	8,093.63	164,907.75
Turling	Open Space	Gras:	ra2	0	0	5.25	0.30	0	0	0	Ó
	Roadside	1.0 x 1.0	m	7,700	46.78	90.58	5.65	360,206	697,466	43,505	1,101,177
	voadstde	1.0 x 0.5	ជា	0	25.73	80.00	3.38	0	0	0	0
Drainage	Pipe Culvert	D = 600		840	46,21	77.71	5.23	38,816.4	65,276.4	4,393,2	108,486
Didinage	Box Culvert	3.0 x 2.0	ra	0	489.60	577.43	58.50	0	0	0	0
	box corvert	3.0 x 3.0	臣	0	612.00	721.79	73.12	0	0	0	0
	Transfer	D = 24"	Pi	O	239.30	91.33	14.59	Ó	0	0	0
	Mooring	4.	Yol.	0	6,139.00	38,155.00	5,970.00	0	0	0	0
Wall	Masonry	11 = 4.0	¹² 5	3,748	26,21	64.03	6.26	98,235.08	239,984.44	23,462.48	361,682
	Revetment	Stone	r)	0	818.70	1,169.70	132.70	0	0	0	0
	Carriage	Asphalt	r _S 2	29,586	17.49	12.76	1.43	517,459.14	377,517.36	42,307,98	937,284.48
	Shoulder	Asphalt	12.5	6,765	13.64	9.13	1.10	92,274,6	61,764.45	7,441,5	161,480.55
Pavezent	Service Road	Asphalt	132	7,360	13.64	9.13	1.10	100,390.4	67,196,8	8,096	175,683.2
	Sidewalk	Concrete Block	122	25,292,6	5.49	7.61	0.62	138,856.37	192,476.68	15,681,41	347,014,46
	Overlay	Asphalt	₁₂ 2	37,599	11.00	8.00	1.00	413,589	300,792	37,599	751,980
A STATE OF THE PROPERTY OF THE	Kerb	Concrete	13	8,080	8.54	14.52	1.16	69,003.2	117,321.6	9,372.8	195,697.6
Additional Facility	Central Reserved	Concrete	to.	3,390	20.86	43.86	3.28	70,715.4	148,685.4	11,119.2	230,520
	Quard Rail	Steel	n	1,340	44.11	3.22	6.23	59,107.4	4,314.8	8,348.2	71,770.4
٠.	Lighting	Steel	Þ	1,450	40.00	19.00	7.00	58,000	27,550	10,150	95,700
	Lane-Marks	Paint	13	4,150	0.50	0.60	0.05	2,075	2,490	207.5	4,772,5
	At-Grade	Signal	No.	3	32,976	64,506	2,922	98,928	193,518	8,766	301,212
Intersection	Interchange	Diamond Type	Vol.	0	357,359	303,075	46,703	0	9	0	0
		Loop Type	Yol.	0	1,330,379	1,156,337	132,370	0	<u> </u>	0	0
Approach	Road		ta	0	462.46	498.20	48.71	0	0	0	0
	otal	·	· · · · · · · · · · · · · · · · · · ·	4		-1	<u> </u>	2,306,960	2,721,851	255,256	5,284,067
	isition Cost		 	:			<u> </u>	1		<u> </u>	1

Segment 7

(4 - lane)

Item	Sub-Item	Class	Vnit			Unit Cost			Construct	ion Cost	
10012	Suo-166m	Class	onit	Quantity	F.C.	L.G.	Tax	F.C.	L.C.	Tax	Total
Site	Residential		m ²	23,300	1.90	1.26	0.16	61,370	40,698	5,168	107,236
Clearing	Field		m ₂	0	0.26	0.17	0.02	0	0	0	0
Excavation	Soil	comion	₁₁₃ 3	8,100	1.24	0.89	0.11	10,044	7,209	891	18,144
Waste	Soil	connon	_m 3	300	1.74	1.89	0.29	522	567	87	1,176
Embankment	Soil	comon	п3	7,800	3,85	1.46	0.51	30,030	11,388	3,978	45,396
Slope	Grass		₁₃ 2	0	0	5.25	0.30	0	0	0	0
Tuefina	Sidevalk	Crass & Treé	m2	16,800	1.26	4.94	0.32	21,168	82,992	5,376	109,536
Turling	Open Space	Crass	L12	0	0	5.25	0.30	0	0	0	0
	Roadside	1.0 x 1.0	n	4,800	46.78	90.58	5,65	224,544	434,784	27,120	686,448
		1.0 x 0.5	Ε)	0	25.73	80.00	3.38	0	0	0	0
Drainage	Pipe Culvert	D = 600		500	46.21	77,71	5,23	23,105	38,855	2,615	64,575
3	Box Culvert	3.0 x 2.0	ta .	0	489.60	577.43	58.50	0	0	0	0
		3.0 x 3.0	ង	Ó	612,00	721.79	73.12	0	0	0	Ò
	Transfer	D = 24"	n	0	239.30	91.33	14.59	0	0	0	0
	Hooring		Yol,	0	6,139.00	38,155,00	5,970.00	0	0	0	0
Wall	Masonry	H = 4.0	rs ²	2,600	26.21	64.03	6.26	68,146	166,478	16,276	250,900
	Revetment	Stone	n	0	818,70	1,169.70	132.70	0	0	0	0
	Carriage	Asphalt	D,	18,500	17.49	12.76	1.43	323,565	236,060	26,455	586,080
	Shoulder	Asphalt	m ²	4,000	13.64	9.13	1.10	54,560	36,520	4,400	95,480
Pavement	Service Road	Asphalt	n ²	10,500	13.64	9.13	1.10	143,220	95,865	11,550	250,635
	Sidevalk	Concrete Block	132	16,800	5.49	7.61	0.62	92,232	127,848	10,416	230,496
	Overlay	Asphalt	n ²	15,400	11.00	8.00	1.00	169,400	123,200	15,400	308,000
	Kerb	Concrete	b	5,800	8.54	14.52	1.16	49,532	84,216	6,728	140,476
Additional Facility	Central Reserved	Concrete	ts	1,900	20.86	43.86	3,28	39,634	83,334	6,232	129,200
	Guard Rail	Steel	D	900	44.11	3.22	6.23	39,699	2,898	5,607	48,204
	Lighting	Steel	ង	900	40.00	19,00	7.00	36,000	17,100	6,300	59,400
	Lane-Harks	Paint	D	2,400	0.50	0.60	0.05	1,200	1,440	120	2,760
Takawaasale	At-Grade	Signal	No.	2.5	32,976	64,506	2,922	82,440	161,265	7,305	251,010
Intersection	Interchange	Diagond Type	Yol,	0	357,359	303,075	46,703	0	0	0	0
		Loop Type	Vol.	0	1,330,379	1,156,337	132,370	0	0	0	0
Appreach	Road		n		462.46	498.20	48.71	0	0	0	0
To	otal		. 				- !	1,470,411	1,752,717	162,024	3,385,152
	isition Cost				1		<u> </u>			J	

Segment 8 - 4-lane

						Unit Cost		*	Construction	n Cost	
Item	Sub-Item	Class	Unit	Quantity	F.C.	L.C.	Tax	F.C.	L.C.	Tax	Total
Site	Residential		132	31,610	1.90	1.26	0.16	60,059	39,828.6	5,057.6	104,945.2
 	Field		12,2	3) 010	0.26	0.17	0.02	0	0	0	0
Excavation	Soil	corrion	_m 3	19,459	1.24	0.89	0.11	24,129.16	17,318,51	2,140.49	43,588.16
Waste	Soil	COETTON	tn3	12,860	1.74	1.89	0.29	22,376	24,305	3,729	50,410
Embankment	Soil	common	_m 3	6,599	3.85	1.46	0.51	25,406.15	9,634.54	3,365.49	38,406.18
Slope	Grass		10 ²	0	0	5.25	0.30	0	Ō	0	Ó
	Sidewalk	Grass & Tree	132	1,300	1.26	4.94	0.32	1,638	6,422	416	8,476
Turfing	Open Space	Grass	n2 .	0	0	5.25	0.30	0	0	0	Ó
		1.0 x 1.0	13	6,420	46.78	90.58	5.65	300,327.6	581,523.6	36,273	918,124.2
	Roadside	1.0 × 0.5	n	0	25.73	80.00	3.38	. 0	0	0	0
	Pipe Culvert	D = 600		600	46.21	77,71	5.23	27,726	46,626	3,138	77,490
Drainage		3.0 x 2.0	tn.	0	489.60	577,43	58.50	0	0	0	0
	Box Culvert	3,0 x 3.0	E)	0	612.00	721.79	73.12	0	0	Ò	0
	Transfer	D = 24 ¹¹	m	0	239.30	91.33	14.59	0	0	Ô	0
	Mooring		Yol	0	6,139.00	38,155.00	5,970.00	0	0	0	0
Wall	Hasonry	H = 4.0	<u>n</u> 2	2,348	26.21	64.03	6.26	61,541.08	150,342.44	14,698.48	226,582
	Revetment	Stone	п	0	818.70	1,169.70	132.70	0	0	0	0
	Carriage	Asphalt	r ₂ 5	30,934	17.49	12.76	1.43	541,035.66	394,717.84	44,235.62	979,989.12
	Shoulder	Asphalt	12,5	10,980	13.64	9.13	1.10	149,767.2	100,247.4	12,078	262,092.6
Pavement	Service Road	Asphalt	_m 2	7,020	13.64	9.13	1.10	95,752.8	64,092.6	7,722	167,567.4
	Sidevalk	Concrete Block	ra2	20,633	5.49	7.61	0.62	113,275.17	157,017.13	12,792.46	283,084.76
Ì	Overlay	Asphalt	n ²	20,123.5	11.00	8.00	1.00	221,358.5	160,988	20,123.5	402,470
	Kerb	Concrete	T	6,960	8.54	14.52	1.16	59,438.4	101,059.2	8,073.6	168,571.2
Additional Facility	Central Reserved	Concrete	ts	3,285	20.86	43.86	3.28	68,525.1	144,080.1	10,774.8	223,380
	Guard Rail	Steel	8	840	44,11	3.22	6.23	37,052.4	2,704.8	5,233.2	44,990.4
	Lighting	Steel	н	3,550	40,00	19,00	7.00	142,000	67,450	24,850	234,300
	Lane-Harks	Paint	E)	3,085	0.50	0.60	0.05	1,542.5	1,851	154.25	3,547.75
	At-Grade	Signal	No.	2.5	32,976	64,506	2,922	82,440	161,265	7,305	251,010
Intersection		Diamond Type	Yol,	0	357,359	303,075	46,703	0	0	0	0
		Loop Type	Yol.	0	1,330,379	1,156,337	132,370	0	0	0	0
l	Road		5	0	462.46	498.20	48.71	0	0	0	0
	otal		L	-l				2,035,391	2,231,474	222,160	4,489,025

Segment 9 (4-lane)

						Unit Cost			Construction	on Cost	
Item	Sub-Item	Class	Vnit	Quantity	P.C.	L.C.	Tax	P.C.	L.C.	Гах	Total
Site	Residential		132	20,000	1.90	1,26	0.16	38,000	25,200	3,200	66,400
Clearing	Field		132	69,394	0.26	0.17	0.02	18,042	11,796.98	1,387.88	31,226.8
Excavation	Soil	Cormon	_{E3} 3	110,409.8	1.24	0.89	0.11	136,908.15	98,264.72	12,145.08	247,317.9
Waste	Soil	common	₁₃ 3	0	1.74	1.89	0.29	0	0	0	0
Embankment	Soil	common	m3	139,115	3.85	1.46	0.51	535,592.75	203,107.9	70,948.65	809,649.
Slope	Grass		13	11,200	0	5.25	0.30	0	58,800	3,360	62,160
The state of the s	Sidewalk	Grass & Tree	₁₀ 2	4,208	1.26	4.94	0.32	5,302.08	20,787.52	1,346.56	27,436.
Turling	Open Space	Grass	13	0	0	5.25	0.30	0	0	0	0
		1.0 x 1.0	a	8,700	46.78	90.58	5.65	406,986	788,046	49,155	1,244,187
	Roadside	1.0 × 0.5	n	0	25.73	80,00	3.38	0	0	0	0
h	Pipe Culvert	D = 600		880	46.21	77.71	5.23	40,664.8	68,384.8	4,602.4	113,652
Drainage	n	3.0 x 2.0	n	0	489.60	577.43	58.50	0	0	0	0
	Box Culvert	3,0 x 3.0	D	0	612.00	721.79	73.12	0	0	. 0	0
	Transfer	D = 24"	В	0	239.30	91.33	14.59	0	0	0	0
	Mooring		Yol.	0	6,139.00	38,155.00	5,970.00	0	0	0	0
Wall	Hasonry	R = 4.0	_E 2	894	26.21	64.03	6.26	23,431.74	57,242.82	5,596.44	86,271
	Revelment	Stone	n	0	818.70	1,169.70	132.70	0	0	0	0
	Carriage	Asphalt	ta ²	63,193	17.49	12.76	1,43	1,105,245.5	806,342.68	90,365.99	2,001,954
	Shoulder	Asphalt	n ²	10,695	13.64	9.13	1.10	145,879.8	97,645.35	11,764.5	255,289
Pavezent	Service Road	Asphalt	D2	3,720	13.64	9.13	1.10	50,740.8	33,963.6	4,092	88,796
	Sidewalk	Concrete Block	₁₃ 2	4,208	5.49	7,61	0.62	23,101.92	32,022.88	2,608.96	57,733
	Overlay	Asphalt	ra ²	10,453	11.00	8.00	1.00	114,983	, 83,624	10,453	209,060
	Kerb	Concrete	1 3	9,020	8.54	14.52	1.16	77,030.8	130,970.4	10,463.2	218,464
Additional Facility	Central Reserved	Concrete	ព	4,200	20.86	43.86	3.28	87,612	184,212	13,776	285,600
	Guard Rail	Steel	D	320	44,11	3.22	6.23	14,115.2	1,030.4	1,993.6	17,139
	Lighting	Steel	r	400	40.00	19.00	7.00	16,000	7,600	2,800	26,400
	Lane-Marks	Paint	ព	4,350	0.50	0.60	0.05	2,175	2,610	217.5	5,002
<u> </u>	At-Grade	Signal	No.	2.5	32,976	64,506	2,922	82,440	161,265	7,305	251,010
Intersection	Interchange	Diamond Type	Vol.	1.0	357,359	303,075	46,703	357,359	303,075	46,703	707,137
	Ĭ .	Loop Type	Yol.	0	1,330,379	1,156,337	132,370	o	0	0	
Approach	Road	<u> </u>	n	0	462.46	498.20	48.71	0	0	0	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		L	.l	<u> </u>		1	-L	3,281,611	3,175,992	354,284,76	6,811,88

Segment 10

(4 - lane)

21 Fig. 10 10	* * * * * * * * * * * * * * * * * * *									<u> </u>	
Item	Sub-Item	Class	Unit	Quantity		Unit Cost	<u> </u>		Construct	<u> </u>	
					F.C.	L.C.	Tax	F.C.	L.C.	Tax	Total
Site	Residential		m²	46,100	1.90	1.26	0.16	87,590	58,086	7,376	153,052
Clearing	Field		n ²	0	0.26	0.17	0.02	0	0	0	0
Excavation	Soil	corron	m ³	14,900	1.24	0.89	0.11	18,476	13,261	1,639	33,376
Waste	Soi1	comon	ը3	4,600	1.74	1.89	0.29	8,004	8,694	1,334	18,032
Embankment	Soi l	common	m3	10,300	3.85	1.46	0.51	39,655	15,038	5,253	59,946
Slope	Grass	Tar A	_D 2	0	0	5.25	0.30	0	0	0	0
	Sidewalk	Grass & Tree	132	21,500	1.26	4.94	0.32	27,090	106,210	6,880	140.380
Turfing	Open Space	Grass	122	0	0	5.25	0.30	Ò	0	0	0
		1.0 x 1.0	n ,	7,200	46.78	90.58	5.65	336,816	652,176	40,680	1,029,672
	Roadside	1.0 × 0.5	п	0	25.73	80.00	3.38	0	Q	0	0
	Pipe Culvert	D = 600		600	46.21	27,71	5.23	27,726	46,626	3,138	77,490
Drainage	B	3.0 x 2.0	th	0	489.60	577.43	58.50	0	0	0	0
	Box Culvert	3.0 x 3.0	ព	0	612.00	721.79	73.12	0	0	Ò	0
	Transfer	D = 24"	n	0	239.30	91.33	14.59	0	0	0	0
	Mooring	:	Vol.	0	6,139.00	38,155.00	5,970.00	0	Ó	O	. 0
Wall	Masonry	11 = 4.0	E-2	2,600	26.21	64.03	6.26	68,146	166,478	16,276	250.900
	Revetment	Stone	n	0	818.70	1,169.70	132.70	0	0	0	0
	Carriage	Asphalt	13.2	29,800	17.49	12.76	1.43	521,202	380,248	42,614	944,064
	Shoulder	Asphalt	12	2,900	13.64	9.13	1.10	39,566	26,477	3,190	69,223
Pavezent	Service Road	Asphalt	23	16,300	13.64	9.13	1.10	222,332	148,819	17,930	389,081
	Sidevalk	Concrete Block	1,2	21,500	5.49	7.61	0.62	118,035	163,615	13,330	294,980
	Overlay	Asphalt	12	26,500	11.00	8.00	1.00	291,500	212,000	26,500	530,000
	Kerb	Concrete	n	7,500	8.54	14.52	1.16	64,050	108,900	8,700	181,650
Additional Facility	Central Reserved	Concrete	· n	2,400	20.86	43.86	3.28	50,064	105,264	7,872	163,200
	Guard Rail	Steel	n	900	44.11	3.22	6.23	39,699	2,898	5,607	48,204
	Lighting	Steel	В	3,300	40.00	19.00	7.00	132,000	62,700	23,100	217,800
•	Lar :-Narks	Paint	包	5,200	0.50	0.60	0.05	2,600	3,120	260	5,980
	At-Grade	Signal	No.	2.5	32,976	64,506	2,922	82,440	161,265	7,305	251,010
Intersection	Interchange	Diamond Type	Vol.	0	357,359	303,075	46,703	0	0	0	0
		Loop Type	Vol.	1	1,330,379	1,156,337	132,370	1,330,379	1,156,337	132,370	2,619,080
Approach	Road		n	0	462.46	498.20	48.71	0	0	0	0
	otal	. 					- I	3,507,360	3,598,212	371,354	7,476,926
 	isition Cost		·		-		, , , , , , , , , , , , , , , , , , , 				

Segment 3 No.60+0 \Rightarrow No.70+0 1 = 1.000^m

(4-lane)

Item						Unit Cost			Constructi	on Cost	
Iten	Sub-Item	Class	Unit	Quantity	F.C.	L.C.	Tax	F.C.	L.C.	Tax	Total
Site	Residential		m ²	20,000	1.90	1.26	0.16	38,000	25,200	3,200	66,400
Clearing	Field		m ²	0	0.26	0.17	0.02	0	0	0	0
Excavation	Soil	common	<u>т</u> ³	0	1,24	0.89	0.11	0	0	0	0
Waste	Soil	comon	123	0	1.74	1.89	0.29	0	0	0	0
Embankment	Soil	conmon	щ3	116,800	3.85	1.46	0.51	449,680	170,528	59,568	679,776
Slope	Grass		₁₅ 2	0	0	5,25	0.30	0	0	0	0
museta.	Sidevalk	Grass & Tree	₁₃ 2	30,000	1.26	4.94	0.32	37,800	148,200	9,600	195,600
Turking	Open Space	Grass	_{E3} 2	Q	0	5.25	0.30	0	0	0	0
	Roadside	1.0 × 1.0	m	2,000	46.78	90.58	5.65	93,560	181,160	11,300	286,020
:	ROSUSTUE	1.0 x 0.5	m	0	25.73	80,00	3,38	0	0	0	0
Drainage	Pipe Culvert	D = 600		300	46.21	77.71	5.23	13,863	23,313	1,569	38,745
210111080	Box Culvert	3.0 x 2.0	ធា	50	489.60	577.43	58.50	24,480	28,871.5	2,925	56,276.5
		3.0 x 3.0	D	0	612.00	721.79	73.12	0	0	0	0
	Transfer	D = 24"	n	0	239.30	91.33	14.59	0	0	0	0
	Mooring		Yol.	0	6,139.00	38,155.00	5,970.00	0	0	0	0
Wall Vall	Hasonry	H = 4.0	_{Es} 2	640	26.21	64.03	6.26	16,774.4	40,979.2	4,006.4	61,760
	Revetment	Stone	Ŋ	1,000	818.70	1,169.70	132.70	818,700	1,169,700	132,700	2,121,100
	Carriage	Asphalt	12.5	17,000	17.49	12.76	1.43	297,330	216,330	24,310	538,560
	Shoulder	Asphalt	m ²	3,000	13,64	9.13	1.10	40,920	27,390	3,300	71,610
Pavement	Service Road	Asphalt	132	6,000	13.64	9.13	1.10	81,840	54,780	6,600	143,220
	Sidevalk	Concrete Block	13.5	7,000	5.49	7.61	0.62	38,430	53,270	4,340	96,040
	Overlay	Asphalt	_@ 2	0	11.00	8.00	1.00	0	0	0	0
	Kerb	Concrete	13	4,000	8.54	14.52	1.16	34,160	58,080	4,640	96,880
Additional Facility	Central Reserved	Concrete	tn	1,000	20.86	43.86	3.28	20,860	43,860	3,280	68,000
	Cuard Rail	Steel	ta	320	44.11	3.22	6.23	14,115.2	1,030.4	1,993.6	17,139.2
	Lighting	Steel	n \	1,000	40.00	19.00	7.00	40,000	19,000	7,000	66,000
	Lane-Marks	Paint	a `	1,000	0.50	0.60	0.05	500	600	50	1,150
	At-Grade	Signal	No.	1.5	32,976	64,506	2,922	49,464	96,759	4,383	150,606
Intersection	Interchange	Diamond Type	Vol.	0	357,359	303,075	46,703	o	0	0	0
		Loop Type	Yol.	0	1,330,379	1,156,337	132,370	0	0	Q	0
Approach	Road		13		462.46	498.20	48.71	0	0	0	0
To	ital	. 	,я 	· 				2,110,477	2,359,641	284,765	4,754,883
		nd Compensation	<u> </u>		 			- 		<u>L</u>	1

Segment . . . 8 (No. 70 ~) No. 75) 1 = 500^m

(4 - lane)

	3 (No. 70 -> No. 7		I			Unit Cost			Constructi	on Cost	
Item	Sub-Item	Class	Unit	Quantity	P.C.	L.C.	Tax	F.C.	L.C.	Tax	Total
Site	Residential		_m 2	12,540	1.90	1.26	0.16	23,826	15,800	2,006	41,632
Clearing	Field		m ²	0	0.26	0.17	0.02	0	0	0	0
Excavation	Soil	cormon	m ³	470	1.24	0.89	0.11	582.8	418.3	51.7	1052.8
Waste	Soil	COTTOR	11a3	470	1.74	1.89	0.29	817.8	888.3	239.7	1945.8
Embankment	Soil	comon	m ³	0	3.85	1.46	0.51	0	0	0	0
Slope	Grass		m ²	0	0	5.25	0.30	0	0	0	0
	Sidewalk	Grass & Tree	m ²	0	1.26	4.94	0.32	0	0	0	Ò
Turfing	Open Space	Grass	_{E1} 2	0	0	5.25	0.30	0	0	0	0
		1.0 x 1.0	ca ea	1,320	46.78	90.58	5.65	61,749.6	119,565.6	7,458.0	188,773.2
	Roadside	1.0 x 0.5	n	0	25.73	80.00	3.38	Ò	Ó	0	0
D	Pipe Culvert	D = 600	-	95	46.21	77,71	5.23	4,389.9	7,382.5	496.9	12,269.4
Drainage	n	3.0 × 2.0	n	0	489.60	577.43	58.50	0	0	0	0
	Box Culvert	3.0 x 3.0	n	0	612.00	721.79	73.12	0	0	0	0
	Transfer	D = 24"	п	0	239,30	91.33	14.59	0	O	0	0
	Hooring		Yol.	0	6,139.00	38,155.00	5,970.00	0	0	Ó	0
Wall	Hasonry	H = 4.0	E. 2	1,280	26.21	64.03	6.26	33,548.8	81,958.4	8,012.8	123,520.0
	Revetment	Stone	ធ	0	818.70	1,169.70	132.70	0	0	O	0
	Carriage	Asphalt	n _S	9,010	17.49	12.76	1.43	157,584.9	114,967.6	12,884.3	285,436.8
	Shoulder	Asphalt	n ²	600	13.64	9.13	1.10	8,184	5,478	660	14,322
Pavement	Service Road	Asphalt	₁₃ 2	3,720	13.64	9.13	1.10	50,740	33,963.6	4,092	88,795.6
	Sidewalk	Concrete Block	₁₃ 2	2,170	5.49	7.61	0.62	11,913.3	16,513.7	1,345.4	29,772.4
. *	Overlay	Asphalt	<u>2</u>	0	11.00	8.00	1.00	0	, 0	0	0
	Kerb	Concrete	n	720	8.54	14.52	1.16	6,148.8	10,454.4	835.2	17,438.4
Additional Pacility	Control Reserved	Concrete	n	360	20.86	43.86	3.28	7,509.6	15,789.6	1,180.8	24,480
	Cuard Rail	Steel	p	1,240	44.11	3.22	6.23	54,696.4	3,992.8	7,725.2	66,414.4
	Lighting	Steel	E)	620	40.00	19.00	7.00	24,800	11,780	4,340	40,920.0
	Lane-Harks	Paint	ta	√ 660	0.50	0.60	0.05	330	396	33	759
	At-Grade	Signal	No.	0	32,976	64,506	2,922	0	0	0	0
Intersection	Interchange	Diamond Type	Vol.	0	357,359	303,075	46,703	0	0	0	0
		Loop Type	Yol.	0	1,330,379	1,156,337	132,370	0	0	0	0
Approach	Road		Ð	0	462.46	498.20	48.71	0	0	0	0
·		1	· · · · · · · · · · · · · · · · · · ·	<u> </u>		J	· I	446,822	439,349	51,361	937,532
	Total Land Acquisition Cost				1					<u> </u>	<u>-L.</u>

(6 - lane)

Se	òю	on.	•	ì
JU	χш	CH	ı	

ľ						Unit Cost			Construct	lon Cost	
Item	Sub-Item	Class	Vnit	Quantity	F.C.	L.C.	Tax	F.C.	L.C.	Tax	Total
Site	Residential		¹⁰ 5	600	1.90	1.26	0.16	1,140	756	96	1,992
Clearing	Field		₁₀ 2	0	0.26	0.17	0.02	0	0	0	0
Excavation	Soil	common	m ³	18,219	1,24	0.89	0.11	22,591.6	16,214.9	2,004.1	40,810.6
Waste	Soil	counón	^{EN} 3	13,189	1.74	1.89	0.29	22,948.9	24,927.2	3,824.8	51,700.9
Embankment	Soil	сопаон	r3	5,030	3.85	1.46	0.51	19,365.5	7,343.8	2,565.3	29,274.6
Slope	Grass		ru ²	0	0	5.25	0.30	0	0	0	0
Turking	Sidewalk	Grass & Tree	_m 2	12,853	1.26	4.94	0.32	16,194.8	63,493.8	4,113	83,801.6
Turfing	Open Space	Grass	m2	0	0	5.25	0.30	0	0	0	0
	Roadside	1.0 × 1.0	B	3,760	46.78	90.58	5.65	175,892.8	340,580.8	21,244	537.717.6
	Noadside	1.0 × 0.5	n	0	25.73	80.00	3.38	0	0	0	a
Drainage	Pipe Culvert	D = 600		500	46.21	77,71	5.23	23,105	38,855	2,615	64,575
	Box Culvert	3.0 x 2.0	E)	0	489.60	577.43	58.50	0	0	0	0
		3.0 x 3.0	ta	0	612.00	721.79	73.12	0	0	0	O i
	Transfer	D = 24 ¹³	n	0	239.30	91.33	14.59	0	0	0	0
	Mooring		Yol.	0	6,139.00	38,155.00	5,970.00	0	0	0	0
Wall	Hasonry	H = 4.0	m2	894	26.21	64.03	6.26	23,431.7	57,242.8	5,596.4	86,270.9
	Revetment	Stone	M	0	818.70	1,169.70	132.70	0	0	0	0
Ł	Carriage	Asphalt	E _S	26,811	17.49	12.76	1.43	468,924.4	342,108.4	38,339.7	849,372.5
l	Shoulder	Asphalt	D _S	4,920	13.64	9.13	1.10	67,108.8	44,919.6	5,412	117,440.4
Pavement	Service Road	Asphalt	₽3 ²	3,720	13.64	9.13	1.10	50,740.8	33,963.6	4,092	88,796.4
•	Sidewalk	Concrete Block	p2	12,853.4	5.49	7.61	0.62	70,565.2	97,814.4	7,969.1	168,379.6
	Overlay	Asphalt	_ໝ 2	18,108	11.00	8.00	1.00	199,188	144,864	18,108	362,160
	Kerb	Concrete	13	4,220	8.54	14.52	1.16	36,038.8	61,274.4	4,895.2	102,211.4
Additional Facility	Central Reserved	Concrete	to ,	1,800	20.86	43.86	3.28	37,548	78,948	5,904	122,400
:	Guard Rail	Steel	n	320	44,11	3.22	6.23	14,115.2	1,030.4	1,993.6	17,139.2
	Lighting	Steel	В	3,010	40.00	19.00	7.00	120,400	57,190	21,070	198,660
	Lane-Harks	Paint	ъ	1,950	0.50	0.60	0.05	975	1,170	97.5	2,242.5
	At-Grade	Signal	No.	0.5	32,976	64,506	2,922	16,488	32,253	1,461	50,202
Intersection	Interchange	Diamond Type	Yol.	0	357,359	303,075	46,703	0	0	0	0
		Loop Type	yol.	0	1,330,379	1,156,337	132,370	0	0	0	0
Approach	Road		ខា	0	462.46	498.20	48.71	0	0	0	0
	tal							1,386,762	1,444,950	151,401	2,983,113
Land Acqu	isition Cost		·	· · · · · · · · · · · · · · · · · · ·		 	**************************************		<u> </u>		

Segment 2 High Level

(6-lane)

Item	Sub-Item	Class	11-11			Unit Cost			Construct	lon Cost	
rten	2gB-1fGM	Class	Vnit	Quantity	F.C.	L.C.	Tax	r.c.	L.C.	Tax	Total
Site	Residential		₁₉ 2	50,015	1.90	1.26	0.16	95,028.5	63,018.9	3,002.4	166,049.8
Clearing	Field		_m 2	0	0.26	0.17	0.02	0	0	0	O
Excavation	Soil	correon	_m 3	8,502	1.24	0.89	0.11	10,542,5	7,566,8	935.2	19,044.5
Waste	Sof1	cormon	₁₃ 3	0	1.74	1.89	0.29	0	0	Q	0
Enbankment	Soil	common	_m 3	14,647	3.85	1.46	0.51	56,391	21,384.6	7,470	85,245.6
Slope	Grass		m ²	0	0	5,25	0.30	0	0	0	0
	Sidewalk	Grass & Tree	₁₃ 2	15,645	1.26	4.94	0.32	19,712.7	77,286.3	5,006.4	102,005.4
Turling	Open Space	Grass	13 ²	0	0	5.25	0.30	Ó	0	0	0
	91-11-	1,0 x 1.0	m	4,370	46.78	90.58	5.65	204,428.6	395,834.6	24,690.5	624,953.
	Roadside	1.0 x 0.5	п	0	25.73	80.00	3.38	0	0	0	0_
Drainage	Pipe Culvert	D = 600		650	46.21	77,71	5.23	30,036.5	50,511.5	3,399.5	83,947.
Drainage		3.0 x 2.0	: n	0	489.60	577.43	58.50	0	0	0	Ò
	Box Culvert	3.0 x 3.0	n	0	612.00	721.79	73.12	0	0	0	0
	Transfer	D = 24 ¹¹	n	0	239.30	91.33	14.59	e	0	0	0
	Kooring		Yol.	0	6,139.00	38,155.00	5,970.00	0	0	0	0
Wall	Hasonry	H = 4.0	₁₃ 2	2,405	26.21	64.03	6.26	63,035,1	153,992.2	15,055,3	232,082.
	Revetment	Stone	n	0	818.70	1,169.70	132.70	Ò	0	0	0
	Carriage	Asphalt	m ²	23,197	17.49	12.76	1.43	405,715.5	295,993.7	33,171.7	734,880.
	Shoulder	Asphalt	2	Ç	13.64	9.13	1.10	0	Ó	0	0
Pavezent	Service Road	Asphalt	E 2	25,530	13.64	9.13	1.10	348,229.2	233,088.9	28,083	609,401.
	Sidevalk	Concrete Block	n _S	15,645	5.49	7.61	0.62	85,891.1	119,058.5	9,699.9	214,649.
	Overlay	Asphalt	E2	2,047	11.00	8.00	1.00	22,517	/ 16;376	2,047	40,940
	Kerb	Concrete	13	5,270	8.54	14.52	1.16	45,005.8	76,520.4	6,113.2	127,639.
Additional Facility	Central Reserved	Concrete	tı	990	20.86	43.86	3.28	20,651.4	43,421.4	3,247.2	67,320
	Guard Rail	Steel	rì	860	44,11	3.22	6.23	37,934.6	2,769.2	5,357.8	46,061.
,	Lighting	Steel	n	2,665	40.00	19,00	7.00	106,600	50,635	18,655	175,890
	Lane-Harks	Paint	ta .	2,600	0.50	0.60	0.05	1,300	1,560	130	2,990
	At-Grade	Signal	No.	1	32,976	64,506	2,922	32,976	64,506	2,922	100,404
Intersection	Interchange	Diamond Type	Yo1,	0	357,359	303,075	46,703	0	0	0	0
		Loop Type	Yol.	1	1,330,379	1,156,337	132,370	1,330,379	1,156,337	132,370	2,619,086
Approach	Road		P	0	462.46	498.20	48.71	0	0	0	0
		L	I					2,916,375	2,829,861	306,356	6,052,592
	Total Land Acquisition Cost										1

Segment 3 No.46 > No.60 1 = 1400^m

(6 - lane)

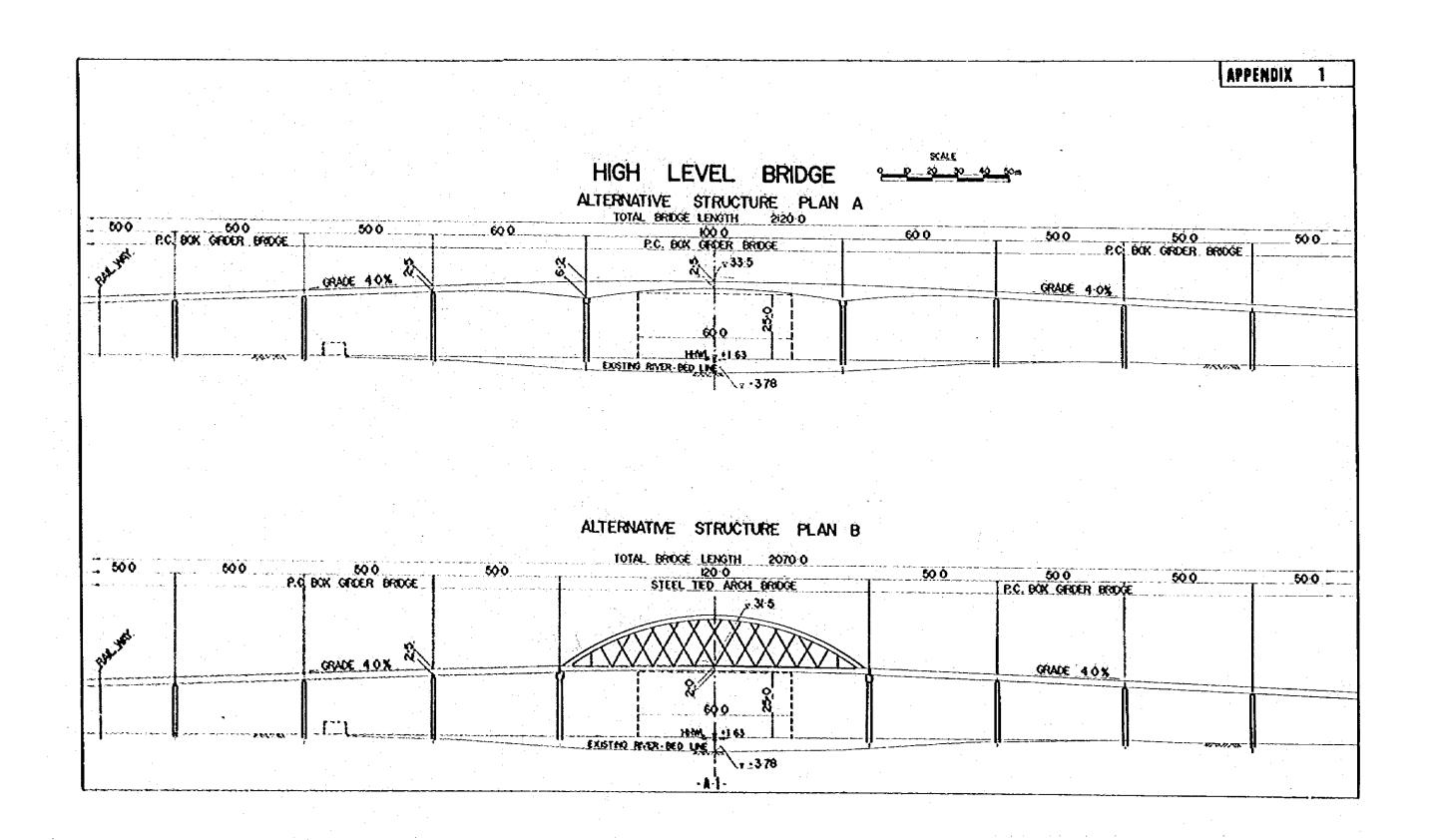
						Unit Cost			Constructi	ion Cost	
Item	Sub-Item	Class	Unit	Quantity	F.C.	L.C.	Тах	F.C.	L.C.	Tax	Total
Site	Residential		m ₂	52,500	1.90	1,26	0.16	99,750	66,150	8,400	174,300
Clearing	Field		₁₃ 2	0	0.26	0.17	0.02	0	. 0	. 0	0
Excavation	Soil	COMINOU	13	13,125	1.24	0.89	0.11	16,275	11,681.25	1,443.8	29,400
Haste	Soil	comion	ra3	0	1.74	1.89	0.29	0	0	0	0
Embankment	Soil	common	ъ3	22,500	3.85	1.46	0.51	86,625	32,850	11,475	130,950
Slope	Grass		ro ²	0	0	5.25	0.30	0	0	0	0
w	Sidewalk	Grass & Tree	122	0	1.26	4.94	0.32	Ó	0	0	0
Turling	Open Space	Grass	£7.5	0	0	5.25	0.30	0	0	0	0
	Roadside	1.0 x 1.0	豆	0	46.78	90.58	5.65	0	0	0	0
	voadside	1.0 x 0.5	អ	4,470	25.73	80.00	3.38	209,106.6	404,892.6	25,255.5	639,254.7
Drainage	Pipe Culvert	D = 600		720	46.21	77.71	5.23	33,271.2	55,951.2	3,765.6	92,988
ptainage	Box Culvert	3.0 x 2.0	Ħ	50	489.60	577.43	58.50	24,480	28,871.5	2,925	56,276.5
	BOX CUIVEIL	3,0 x 3.0	n	0	612.00	721.79	73.12	0	0	0	0
	Transfer	D = 24"	n	0	239.30	91.33	14.59	0	0	0	0
	Hooring		Yol.	0	6,139.00	38,155.00	5,970.00	0	0	0	0
Wall	Hasonry	H = 4.0	ta2	1,200	26.21	64.03	6.26	31,452	76,836	7,512	115,800
	Revetment	Stone	n	0	818.70	1,169.70	132.70	0	0	0	0
	Carriage	Asphalt	E3 2	24,675	17.49	12.76	1.43	431,565.8	314,853	35,285.3	781,704
	Shoulder	Asphalt	17,2	3,150	13.64	9.13	1.10	42,961	28,759.5	3,465	75,190.5
Pavezent	Service Road	Asphalt	D _S	7,440	13.64	9.13	1.10	101,481.6	67,927.2	8,184	177,592.8
	Sidevalk	Concréte Block	202	9,100	5.49	7.61	0.62	49,959	69,251	5,642	124,852
	Overlay	Asphalt	n²	0	11.00	8.00	1.00	0	, 0	0	0
	Kerb	Concrete		5,740	8.54	14.52	1.16	49,019.6	83,344.8	6,658.4	139,002.8
Additional Facility	Central Reserved	Concrete	ы	1,980	20.86	43.86	3.28	41,302.8	86,842.8	6,494.4	134,640
	Guard Rail	Steel	ъ	920	44.11	3.22	6.23	40,581.2	2,962.4	5,731.6	49,275.2
	Lighting	Steel	ta :	1,785	40.00	19.00	7.00	71,400	33,915	12,495	117,810
· ·	Lane-Harks	Paint	n	2,390	0.50	0.60	0.05	1,195	1,434	119.5	2,748.5
	At-Grade	Signal	No.	2.5	32,976	64,506	2,922	82,440	161,265	7,305	251,010
Intersection	Interchange	Diagond Type	Vol.	0	357,359	303,075	46,703	0	0	0	0
		Loop Type	Yol.	0	1,330,379	1,156,337	132,370	0	0	0	0
Approach	Road		n	0	462.46	498.20	48.71	0	0	0	0
	otal			·			·	1,412,870.8	1,527,787.2	152,157.1	3,092,815
Land Acqu	Land Acquisition Cost						·				

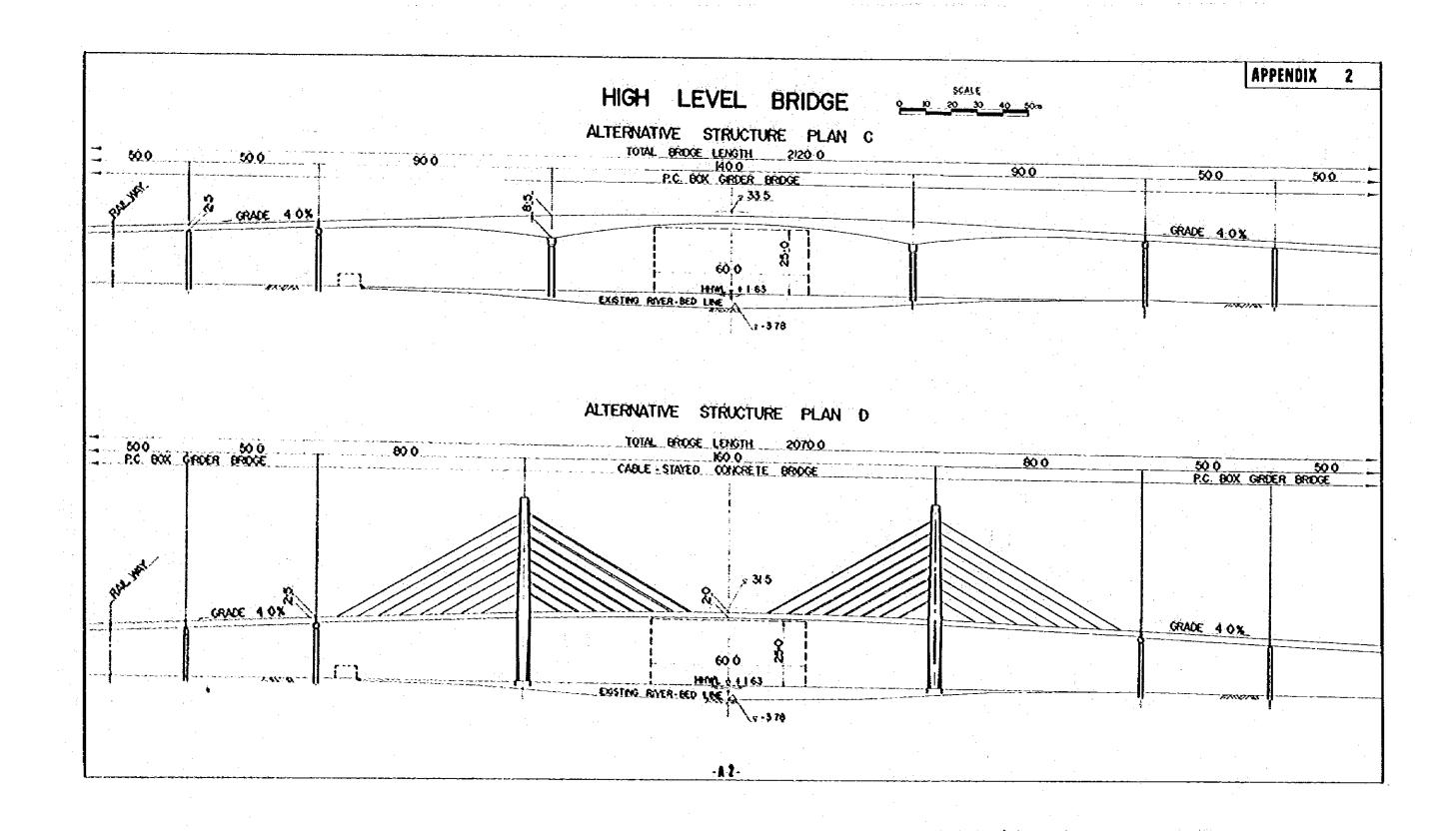
(6-lane)

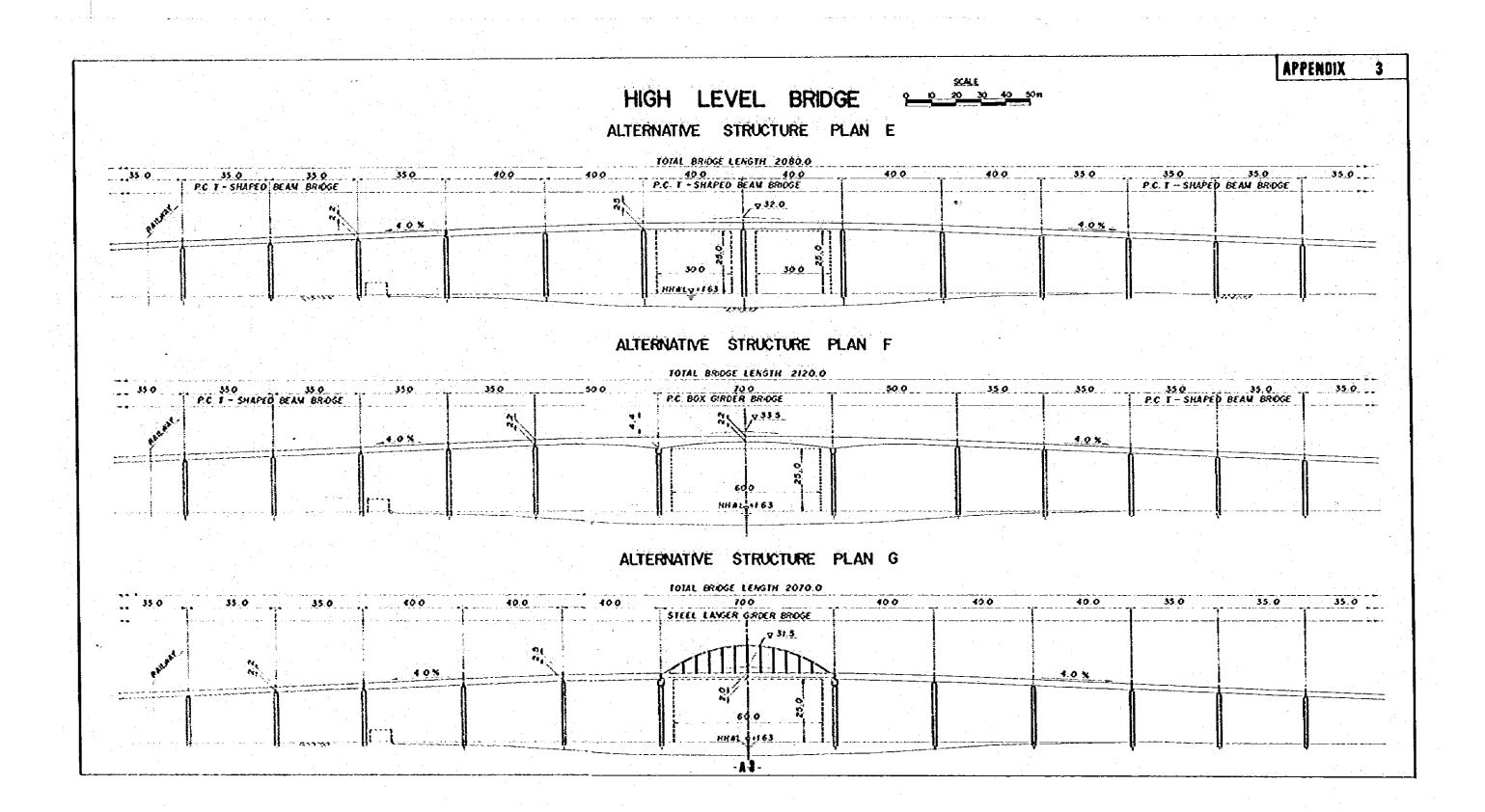
Segment 6

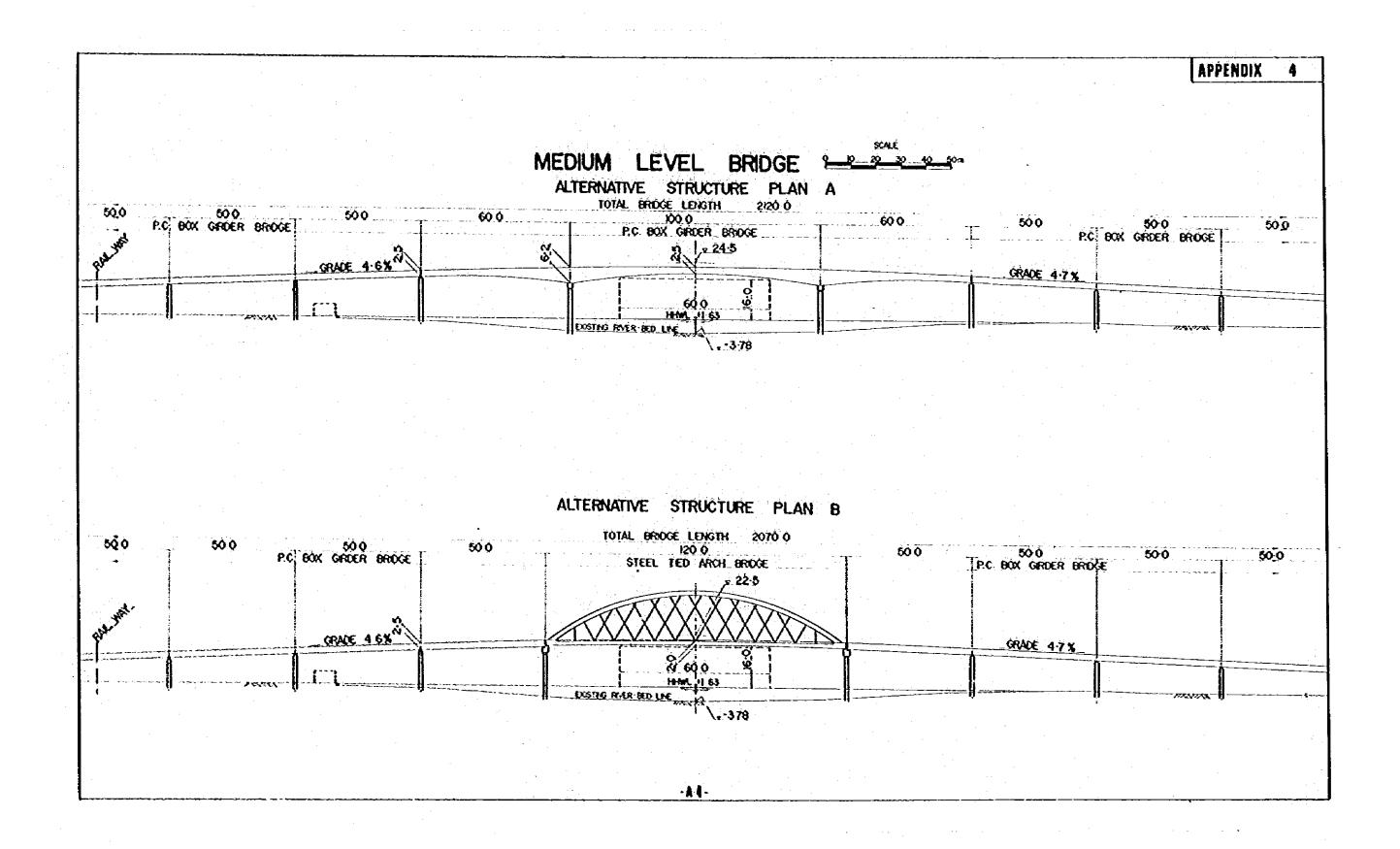
						Unit Cost		· · · · · · · · · · · · · · · · · · ·	Construct	ion Cost	
Item	Sub-Item	Class	Vnit	Quantity	F.C.	L.C.	Tax	F.C.	L.C.	Tax	Total
Site	Residential		₁₀ 2	55,244	1,90	1.26	0.16	104,963,6	69,607,4	8,839	183,410.1
Clearing	Field		n ²	0	0.26	0.17	0.02	0	0	0	0
Excavation	Soil	comon	₁₃ 3	31,319.8	1.24	0.89	0.11	38,836,6	27,874,6	3,445.2	70,156,4
.Waste	Soil	comon	₁₃ 3	17,846.9	1.74	1.89	0.29	31,053.6	33,730.6	5,175,6	69,959,8
Embankment	Soi 1	Cormon	123	13,472.9	3.85	1.46	0.51	51,870.7	19,670.4	6,871.2	78,412.3
Stope	Grass		n2	0	0	5.25	0.30	0	0	0	0
	Sidewalk	Grass & Tree	m ²	25,292.6	1.26	4.94	0.32	31,868.7	124,945,4	8,093.6	164,907.8
Turfing	Open Space	Grass	m ²	0	0	5.25	0.30	0	Ó	0	0
	0-1-21	1,0 × 1.0	D	7,700	46.78	90.58	5.65	360,206	697,466	43,505	1,101,177
	Roadside	1.0 x 0.5	п	0	25.73	80.00	3,38	0	0	0	0
Drainage	Pipe Culvert	D = 600		1,050	46.21	77,71	5.23	48,520,5	81,595.5	5,491,5	135,607.5
Diamage	Box Culvert	3.0 x 2.0	n.	0	489.60	577.43	58.50	0	0	0	Ó
	BOX CUIVER	3.0 x 3.0	E 3	0	612.00	721.79	73.12	0	0	0	0
	Transfer	D = 24"	13	0	239.30	91.33	14.59	0	0	0	0
	Hooring		Yo1,	0	6,139.00	38,155.00	5,970.00	0	0	0	0
'Wall [Hasonry	H = 4.0	₁₃ 2	3,748	26.21	64.03	6.26	98,235.1	239,984.4	23,462.5	361,682
	Revetment	Stone	ព	Ó	818.70	1,169.70	132.70	0	0	0	0
	Carriage	Asphalt	₂	49,436	17.49	12.76	1.43	864,635.6	630,803.4	70,693.5	1,566,132.5
	Shoulder	Asphalt	₂	7,540	13.64	9.13	1.10	102,845,6	68,840.2	8,294	179,979.8
Pavezent	Service Road	Asphalt	n ²	7,360	13.64	9.13	1.10	100,390.4	67,196.8	8,096	175,683.2
	Sidewalk	Concrete Block	n ²	25,292.6	5.49	7.61	0.62	138,856.4	192,476.7	15,681.4	347,014.5
	Overlay	Asphalt	_G 2	42,658	11.00	8.00	1.00	469,238	341,264	42,658	853,160
	Kerb	Concrete	ต	8,080	8 14	14.52	1.16	69,003.2	117,321.6	9,372.8	195,697.6
Additional Pacility	Central Reserved	Concrete	n	3,390	20.86	43.86	3.28	70,715.4	148,685.4	11,119,2	230,520
	Guard Rail	Steel	D)	1,340	44.11	3.22	6.23	59,107.4	4,314.8	8,348,2	71,770.4
	Lighting	Steel	, B	1,450	40.00	19.00	7.00	58,000	27,550	10,150	95,700
	Lane-Marks	Paint	a	4,150	0.50	0.60 .	0.05	2,075	2,490	207.5	4,772.5
•	At-Grade	Signal	No.	3	32,976	64,506	2,922	98,928	193,518	8,766	301,212
Intersection	Interchange	Diamond Type	Yol,	0	357,359	303,075	46,703	0	Ó	0	0
·		Loop Type	Yol.	0	1,330,379	1,156,337	132,370	0	0	0	0
Approach	Road		ต	0	462.46	498.20	48.71	0	0	0	0
То	otal		·			<u></u>	······································	2,799,350	3,089,335	298,270	6,186,955
Land Acqu	isition Cost						 			· · · · · · · · · · · · · · · · · · ·	<u>. I</u>

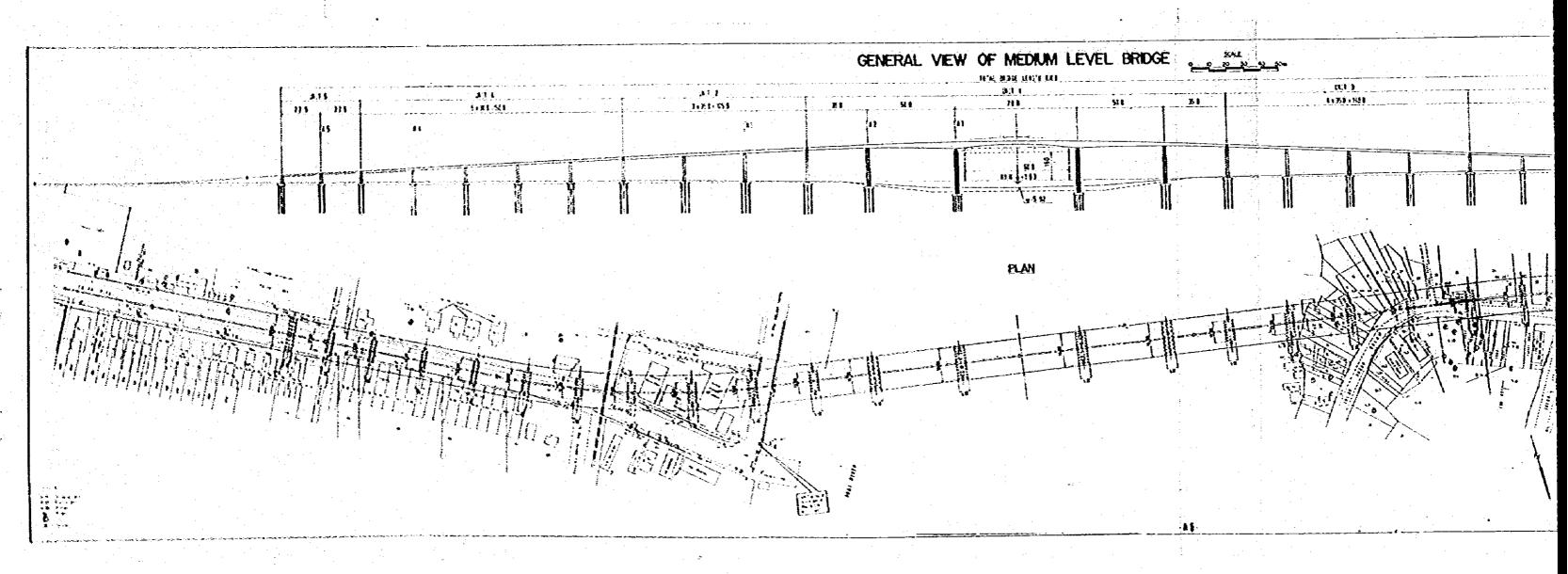
APPENDIX

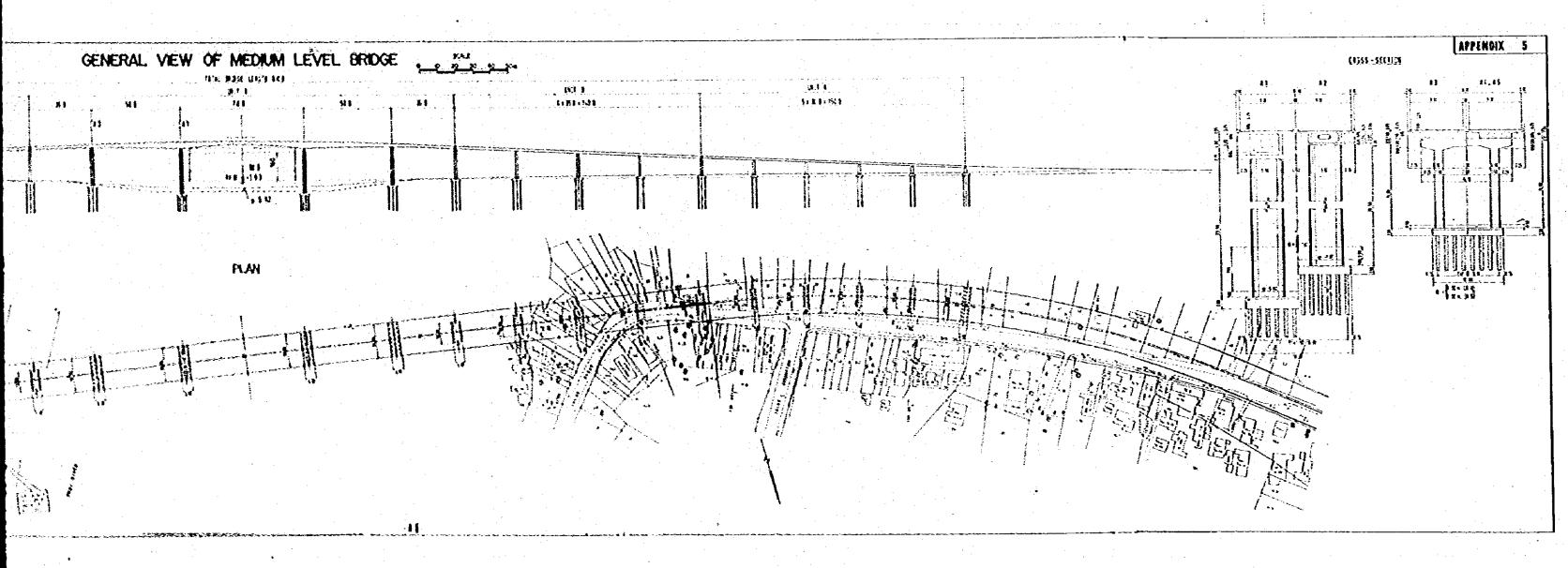












APPENDIX MEDIUM LEVEL BRIDGE (MOVABLE) 50.0 50.0 MONABLE STEEL GROER BROCE 350 35 0 35 0 P.C. T. SHAPED BEAM BROCK 35 0 35 0 P.C. T. SHAPED BEAM BROSE 35 Q 35.0 __35 O__ 35 0 CONTROL TOWER

