Segment 5 (4-1ane) (No.79 - No.100)

					U	Init Cost			Construction	Cost		D1
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Тах	Total	Remarks
Site	Residential		2 m	0	1.80	1.20	0.15	0	0	0	0	
Clearing	Field		m <sup>2</sup>	0	0.25	0.16	0.02	0	0	0	0	
0.00.228	Mountain		2 m	80,190	0.35	0.20	0.03	28,066.50	16,038	2,405.70	46,510.20	
	Soi1		3 m	168,600	1.18	0.85	0.10	139,948	100,810	11,860	252,618	
Excavation	Rock		. 3 m	162,050	5.51	10.68	0.81	892,895.50	1,730,694	131,260.50	2,754,850	
Embankment	ROCK		m <sup>3</sup>	30,650	1.40	0.90	0.11	55,510	35,685	4,361.50	95,556.50	
0.1	Grass		<sub>m</sub> 2	17,790	0	5.00	0.30	0	88,950	5,337	94,287	
S1ope	Concrete		m <sup>2</sup>	14,480	4.80	3.80	0.70	69,504	55,024	10,136	134,664	
Turfing	Sidewalk	Grass & Tree	m <sup>2</sup>	0	1.20	4.70	0.30	0	0	0	0	
	Open Space	Grass	2 m	0	0	5.00	0.30	0	0	0	0	
	Roadside	0.5 x 1.0	m	0	48,50	101.30	6.10	0	0	0	0	
	Woadorde	1.0 x 1.0	m	2,150	54.00	99.10	6.60	116,100	213,065	14,190	343 <b>,3</b> 55	
Drainage	Pipe Culvert	600	m	172	59.30	91.40	6.80	10,199.60	15,720.80	1,169:60	27,090	
armage	Box Culvert	3.0 x 3.0	m	0	609.50	702.15	77.40	0	0	0	0	
	DOX CUIVELE	5.0 x 5.0	m	0	1,374.30	1,563.90	162.70	0	0 :	0	0	
	Demolishing	0.5 x 1.0	m	0	6.80	3.10	0.90	0	0	0	0	
	Concrete	H = 5.0	m	300	459.60	557.90	58.30	137,880	167,370	17,490	322,740	
Wall	Masonry	H = 5.0	m,	0	76.00	116.80	9.70	0	0	0	0	
HULL	Revetment	Stone	m	0	671.10	1,110.50	123,60	0	0	0	0	

Segment 5 (4-lane) (No.79 - No.100)

						Unit Cost		Cor	struction	Cost		
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
	Carriageway	Asphalt	2 m	28,440	15.9	11.6	1.3	452,196	329,904	- 36,972	819,072	
	Shoulder	Asphalt	m <sup>2</sup>	4,230	12.4	8.3	1.0	52,452	35,109	4,230	91,791	
Pavement	Service Road	Asphalt	m <sup>2</sup>	1,800	12.4	8.3	1.0	22,320	14,940	1,800	39,060	
	Sidewalk	Concrete Block	m <sup>2</sup>	7,480	6.1	8.4	0.8	45,628	62,832	5,984	114,444	
	Overlay	Asphalt	m <sup>2</sup>	0	2.5	10.3	1.4	0	0	0	0	
	Kerb	Concrete	m	4,300	5.7	12.6	0.9	24,510	54,180	3 <b>,</b> 870	82,560	
Additional	Central Reserved	Concrete	m	2,150	10.4	25.2	1.8	22,360	54,180	3,870	80,410	
Facility	Guard Rail	Steel	m	2,150	34.5	10.3	4.4	74,175	22,145	9,460	105,780	
	Lighting	Stee1	m	0	11.0	9.0	1.0	0	0	0	0	
	Lane-Marks	Paint	m	2,150	0.3	0.6	0.05	645	1,290	107.5	2042.5	
Intersection	At-Grade		No.	0	30,534.8	59,728.4	2,706.2	0	0	0	. 0	
intersection	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
	L <b>≤</b> 50		m <sup>2</sup>	_	-				<u>.</u>	-		
Bridge	L > 50	Bridge	m <sup>2</sup>							)		
Approach	Road	Bridge	ш	0	428.2	461,3	45.1	0	0	0	0	
TOTAL								2,144,389	2,997,936	264,503	5,406,830	

Segment 5 (2-1ane) (No.79 - No.100)

. :			· .			Unit Cost		Cons	truction Cost			
Item	SubItem	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
Site	Residential		m <sup>2</sup>	0	1.80	1.20	0.15	0	0	0	0	
Clearing	Field	:	m <sup>2</sup>	0	0.25	0.16	0.02	0	0	<b>0</b> <sub>250</sub>	0	<u> </u>
	Mountain		2	55,660	0.35	0.20	0.03	19,481	11,132	1,669.80	32,282.80	
Excavation	Soi1		<sub>m</sub> 3	136,650	1.18	0.85	0.10	161,247	116,152.50	13,665	291,064.50	
EXCAVACION	Rock		m <sup>3</sup>	140,100	5.51	10.68	0.81	771,951	1,496,268	113,481	2,381,700	
Embankment			_3 т	15,600	1.40	0.90	0.11	21,840	14,040	1,716	37,596	
Slope	Grass		m <sup>2</sup>	20,370	0	5,00	0.30	0	101,850	6,111	107,961	
ы	Concrete		m <sup>2</sup>	16,720	4.80	3.80	0.70	80,256	63,536	11,704	155,496	
Turfing	Sidewalk	Grass & Tree		0	1.20	4.70	0,30	0	0	0	0	
	Open Space	Grass	m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	Roadside	0.5 x 1.0	m	0	48.50	101,30	6.10	0	0	0	0	
		1.0 x 1.0	m	2,150	54.0	99.10	6.60	116,100	213,065	14,190	343,355	
Drainage	Pipe Culvert	600	m	114	59.30	91.40	6.80	6,760.20	10,419.60	, 775 <b>.</b> 20	17,955	
		3.0 x 3.0	m	0	609.50	702.15	77.40	0	0	0	0	
	Box Culvert	5.0 x 5.0	m	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	0	6.80	3.10	0.90	0	0	0	0	
	Concrete	H = 5.0	m	300	459.60	557.90	58.30	137,880	167,370	17,490	322,740	
Wall	Masonry	Н = 5.0	m	0	76.00	116.80	9.70	0	0	0	0	
	Revetment	Stone	m	0	671.10	1,110.50	123.60	0	0	0	0	

Segment 5 (2-1ane) (No.79 - No.100)

	:	<b>a1</b>		0		Unit Cost			Constructio	n Cost		**
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
	Carriageway	Asphalt	<sub>m</sub> 2	13,520	15.9	11.6	1.3	214,968	156,832	17,576	389,376	
	Shoulder	Asphalt	m <sup>2</sup>	5,070	12.4	8.3	1.0	62,868	42,081	5,070	110,019	
Pavement	Service Road	Asphalt	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
	Sidewalk	Concrete Block	m <sup>2</sup>	5,200	6.1	8.4	0.8	31,720	43,680	4,160	79,560	
	Overlay	Asphalt	m <sup>2</sup>	0	2.5	10.3	1.4	0	0	0	0	
	Kerb	Concrete	m	4,300	5.7	12.6	0.9	24,510	54,180	3,870	82,560	
Additional	Central Reserved	Concrete	m	0	10.4	25.2	1.8	0	0	0	0	
Facility	Guard Rail	Stee1	m	2,150	34.5	10.3	4.4	74,175	22,145	9,460	105,780	
	Lighting	Steel	m	0	11.0	9.0	1.0	0	0	. 0	0	
	Lane-Marks	Paint	m	2,150	0.3	0.6	0.05	645	1,290	107.5	2,042.5	
	At-Grade		No.	0	30,534.8	59,728.4	2,706.2	0	0	0	0	
Intersection	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
	L ≤ 50	Concrete	m <sup>2</sup>	_	-	<del>-</del>			- 1		<u>-</u>	
Bridge	L > 50	Concrete	m <sup>2</sup>	_	_				-		-	
Approach	Road		m	0	428.2	461.3	45.1	0		0	0	
TOTAL								1,724,401	2,514,041	221,045.5	4,459,487	

Segment 6(4-lane) (No.100' - No.143')

						Unit Cost	**************************************		Construction	on Cost		n
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
Site	Residential		m <sup>2</sup>	0	1.80	1.20	0.15	0	0,	0	0	
Clearing	Field		m <sup>2</sup>	0	0.25	0.16	0.02	0	0	0	0	
	Mountain		m <sup>2</sup>	163,130	0.35	0.20	0.03	<b>57,0</b> 95.50	32,626	4,893.90	94,615,40	
Excavation	Soil		m <sup>3</sup>	353,000	1.18	0.85	0.10	416,540	300,050	35,300	751,890	
Excavacion	Rock		3 m	223,500	5.51	10.68	0.81	1,231,485	2,386,980	181,035	3,799,500	
Embankment			m <sup>3</sup>	164,200	1.40	0.90	0.11	229,880	147,780	18,062	395,722	
a.	Grass		2 m	29,850	0	5.00	0.30	0	149,250	8,955	158,205	
Slope	Concrete		m <sup>2</sup>	21,590	4.80	3.80	0.70	103,632	82,042	15,113	200,787	
Turfing	Sidewalk	Grass & Tree	m <sup>2</sup>	0	1.20	4.70	0.30	0	0	0	0	
	Open Space	Grass	m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	Roadside	0.5 x 1.0	m	1,600	48,50	101.30	6.10	77,600	162,080	9,760	249,440	
		1.0 x 1.0	m	7,000	54.00	99.10	6.60	378,000	693,700	46,200	1,117,900	
Drainage	Pipe Culvert	600	m	344	59.30	91.40	6.80	20,399.20	31,441.60	2,339.20	54,180	
	Box Culvert	3.0 x 3.0	m	265	609.50	702.15	77.40	161,517.50	186,069.75	20,511	368,098.25	
		5.0 x 5.0	m	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	0	6.80	3.10	0.90	0	0	0	0	
	Concrete	н = 5.0	m	0	459.60	557.90	58.30	0	0	0	0	
Wall	Masonry	н = 5.0	m	0	76,00	116.80	9.70	0	0	0	0	
	Revetment	Stone	m	0	671.10	1,110.50	123.60	0	0	0	0	

Segment 6 (4-lane) (No.100' - No.143')

						Unit Cos	t	Co	nstruction	Cost		Remarks
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Тах	Total	Nemaiks
	Carriageway	Asphalt	"2 m	50,240	15.9	11.6	1.3	798,816	582,784	65,312	1,446,912	
	Shoulder	Aspha1t	m <sup>2</sup>	7,080	12.4	8.3	1.0	87,792	58,764	7,080	153,636	
Pavement	Service Road	Asphalt	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
	Sidewalk	Concrete Block	m <sup>2</sup>	6,400	6.1	8.4	0.8	39,040	53,760	5,120	97,920	
	Overlay	Asphalt	m <sup>2</sup>	0	2.5	10.3	1.4	0	0	.0	0	
	Kerb	Concrete	m	8,600	5.7	12.6	0.9	49,020	108,360	7,740	165,120	
	Central Reserved	Concrete	m	4,300	10.4	25.2	1.8	44,720	108,360	7,740	160,820	
Additional Facility	Guard Rail	Steel	m	4,300	34.5	10.3	4.4	148,350	44,290	18,920	211,560	
Facility	Lighting	Stee1	m	0	11.0	9.0	1.0	0	0	0	0	
	Lane-Marks	Paint	m	4,300	0.3	0.6	0.05	1,290	2,580	215	4,085	
	At-Grade		No.	3	30,534.8	59,728.4	2,706.2	91,604.4	179,185.2	8,118.6	2,78,908.2	
Intersection	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
Paridoo	<b>L</b> ≤ 50	Concrete	m <sup>2</sup>	_	_	<u> </u>	÷ 1	_	-			
Bridge	L > 50	Concrete	m <sup>2</sup>				-	_	- : · · - : ·		-	
Approach	Road		m	0	428.2	461.3	45.1	0	0	0	0	
TOTAL								3,936,781	5,310,102	462,414.7	9,709,298	

Segment 6 (2-1ane) (No.100' - No.143')

						Unit Cost		Co	nstruction Cos	st		Remarks
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	
Site	Residential		m <sup>2</sup>	0	1.80	1.20	0.15	0	0	0	0	
Clearing	Field		m <sup>2</sup>	0	0.25	0.16	0.02	0	0	<b>0</b>	0	
	Mountain		m <sup>2</sup>	118,125	0.35	0.20	0.03	41,343.75	23,625	3,543.75	68,512.50	
Excavation	Soi1		m <sup>3</sup>	272,050	1.18	0.85	0.10	321,019	231,242.50	27,205	579,466.50	
	Rock		3 m	178,700	5.51	10.68	0.81	984,637	1,908,516	144,747	3,037,900	
Embankment			3	102,160	1.40	0.90	0.11	143,024	91,944	11,237.60	246,205.60	
4.3	Grass		m <sup>2</sup>	30,170	0	5.00	0.30	0	150,850	9,051	159,901	
Slope	Concrete		m <sup>2</sup>	23,050	4.80	3.80	0.70	110,640	87,590	16,135	214,365	
Turfing	Sidewalk	Grass & Tree	m <sup>2</sup>	0	1.20	4.70	0.30	0	0	0	0	
	Open Space	Grass	m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
E 40.4	Roadside	0.5 x 1.0	m	1,600	48.50	101.30	6.10	77,600	162,080	9,760	249,440	
	Roadside	1.0 x 1.0	m	7,000	54.00	99.10	6.60	378,000	693,700	46,200	1,117,900	
Drainage	Pipe Culvert	600	101	229	59.30	91,40	6.80	13,579.70	20,930.60	1,557.20	36,067.50	
	Box Culyert	3.0 x 3.0	m	205	609.50	702.15	77.40	124,947.50	143,940.75	15,867	284,755.25	
	DON GRIYCIL	5.0 x \5.0	m	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	0	6.80	3.10	0,90	0	0	0	0	
	Concrete	H = 5.0	m	0	459.60	557.90	58.30	0	0	0	0	
Wall	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0	0	0	0	
	Revetment	Stone	m	0	671.10	1,110.50	123.60	0	0	0	0	

Segment 6 (2-lane) (No.100' - No.143')

	i		:			Unit Cost			Construc	tion Cost		
Item	Sub-Item	Class	Unit	Quantity	F.C.	L.C.	Tax	F.C.	L.C.	Tax	Total	Remarks
	Carriageway	Asphalt	m <sup>2</sup>	25,120	15.9	11.6	1.3	399,408	291,392.	32,656	723,456	
distribution of the second	Shoulder	Asphalt	m <sup>2</sup>	9,420	12.4	8.3	1.0	116,808	78,186	9,420	204,414	
Pavement	Service Road	Asphalt	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
ravement	Sidewalk	Concrete Block	m <sup>2</sup>	6,400	6.1	8.4	0.8	39,040	53,760	5,120	97,920	
	Overlay	Aspha1t	m <sup>2</sup>	0	2.5	10.3	1.4	0	0	0	0	
	Kerb	Concrete	m	8,600	5.7	12,6	0.9	49,020	108,360	7,740	165,120	
	Central Reserved	Concrete	m	0	10.4	25.2	1.8	0	0	0	0	
Additional	Guard Rail	Stee1	m	4,300	34.5	10.3	4.4	148,350	44,290	18,920	211,560	
Facility	Lighting	Steel	m	0	11.0	9.0	1.0	0	0	0	0	
	Lane-Marks	Paint	m	4,300	0.3	0.6	0,05	1,290	2,580	215	4,085	
Intersection	At-grade		No.	4	30,534.8	59,728.4	2,706.2	122,139.2	238,913.6	10,824.8	371.877.6	
2,100100001011	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
Bridge	L <u>≤</u> 50	Concrete	m <sup>2</sup>	. <del>-</del>		<del>-</del>				<u>-</u>	-	
	L > 50	Concrete	m <sup>2</sup>	- -	_		-	-		= 9		
Approach	Road		m	0	428.2	461.3	45.1	0	0	0	0	
TOTAL								3,070,846	4,331,900	370,199	7,772,945	

Segment 7 (4-1ane) (No.143' - No.154' + 50')

						Unit Cost		C	onstruction C	ost		
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
Site	Residential		<sub>m</sub> 2	0	1.80	1.20	0.15	0	0	0	0	
Clearing	Field		m <sup>2</sup>	0	0,25	0.16	0.02	0	0	0	0	
	Mountain	. :	m <sup>2</sup>	0	0.35	0.20	0.03	0	2 ( <b>0</b> ), (4	0	0	
Excavation	Soi1		m <sup>3</sup>	0	1.18	0.85	0.10	0	0	0	0	
2	Rock		m <sup>3</sup>	0	5.51	10.68	0.81	0	0	0	0	
Embankment			m <sup>3</sup>	273,250	1.40	0.90	0.11	382,550	245,925	30,057.50	658,532.50	
Slope	Grass		m <sup>2</sup>	0	.0	5.00	0.30	0	0::	0	0	
probe	Concrete		m2	0	4.80	3,80	0.70	0	0	0	0	
Turfing	Sidewa1k	Grass & Tree	m <sup>2</sup>	1,150	1,20	4.70	0.30	1,380	5,405	345	7,130	
turing	Open Space	Grass	m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	D - 1 - 1 -	0.5 x 1.0	m	1,150	48,50	101.30	6.10	55,775	116,495	7,015	179,285	
	Roadside	1.0 x 1.0	m	0	54.00	99.10	6.60	0	0	0	0	
Drainage	Pipe Culvert	600	m	92	59.30	91.40	6.80	5,455.60	8,408.80	625.60	14,490	
	Box Culvert	3.0 x 3.0	m.	325	609.50	702.15	77.40	198,087.50	228,198.75	25,155	451,441.25	
	Box carver	5.0 x 5.0	m	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	0	6.80	3.10	0.90	0	0	0	0	
	Concrete	H = 5.0	m	200	459.60	557.90	58.30	91,920	111,580	11,660	215,160	
Wall	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0	0	0	0	
	Revetment	Stone	m	1,150	671.10	1,110.50	123.60	771,765	1,277,075	142,140	2,190,980	

Segment 7 (4-lane) (No.143' - No.154 + 50')

										1 7 1.1		
Item	Sub-Item	Class	Unit	Quantity		Unit Cost	tn	F.C.	Construction		Total	Remarks
					F.C.	L.C.	Tax	r.C.	L.C.	Tax	Total	
1	Carriageway	Asphalt	m <sup>2</sup>	18,400	15.9.	11.6	1.3	292,560	213,440	23,920	529,920	
	Shoulder	Aspha1t	m <sup>2</sup>	3,450	12.4	8.3	1.0	42,780	28,635	3,450	74,865	
Pavement	Service Road	Asphalt	2 m	0	12.4	8.3	1.0	0	0	0	0	
	Sidewa1k	Concrete Block	m <sup>2</sup>	11,500	6.1	8.4	0.8	70,150	96,600	9,200	175,950	
	Overlay	Asphalt	m <sup>2</sup>	0	2.5	10.3	1.4	0	0	0	0	
	Kerb	Concrete	m	2,300	5.7	12.6	0.9	13,110	28,980	2,070	44,160	
	Central Reserved	Concrete	m	1,150	10.4	25.2	1.8	11,960	28,980	2,070	43,010	
Additional	Guard Rail	Stee1	m	2,300	34.5	10.3	4.4	79,350	23,690	10,120	113,160	
Facility	Lighting	Steel	m	1,150	11.0	9.0	1.0	12,650	10,350	1,150	24,150	
	Lane-Marks	Paint	m	1,150	0.3	0.6	0.05	345	690	57.5	1,092.5	
Intersection	At-grade		No.	0	30,534.8	59,728.4	2,706.2	0	0.	0	· 0	
Intersection	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
	L <b>≤</b> 50	Concrete	m <sup>2</sup>		-							
Bridge -	L > 50	Concrete	m <sup>2</sup>		<del>-</del>	<del>-</del>	-	-	<b>-</b>		-	
Approach	Road		m	0	428.2	461.3	45.1	0	0	0	0	
TOTAL								2,029,838	2,424,452	269,035.6	4,723,326	

Segment 7 (2-lane) (No.143' - No.154 + 50')

						Unit Cost			Construction	Cost		Remarks
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
Site	Residential		m <sup>2</sup>	0	1.80	1.20	0.15	0	0.	0	0	
Clearing	Field		m <sup>2</sup>	0	0.25	0.16	0.02	0	0	0	0	
	Mountain		m <sup>2</sup>	0	0.35	0.20	0.03	0	0	0	0	
Excavation	Soi1		m <sup>3</sup>	0	1.18	0.85	0.10	0	0	0	0	
	Rock		m <sup>3</sup>	0	5.51	10.68	0.81	0	0	0	0	
Embankment	. :		<b>m</b> 3	273,250	1.40	0.90	0.11	382,550	245,925	30,057.50	658,532.50	
Slope	Grass		m <sup>2</sup>	0	0	5,00	0.30	0	0	0	, 1 1 a d	
	Concrete		m <sup>2</sup>	0	4.80	3.80	0.70	0	0	0	0	
Turfing	Sidewalk	Grass & Tree	m <sup>2</sup>	1,150	1.20	4.70	0.30	1,380	5,405	345	7,130	
	Open Space	Grass	m <sup>2</sup>	0	0	5.00	0,30	0	0	0	0	
	Roadside	$0.5 \times 1.0$	m	1,150	48.50	101.30	6.10	55,775	116,495	7,015	179,285	
	Roadside	1.0 x 1.0	m	0	54.00	99.10	6.60	0	0	0	0	
Drainage	Pipe Culvert	600	m	92	59.30	91.40	6.80	5,455.60	8,408.80	625.60	14,490	
	Box Culvert	3.0 x 3.0	m	325	609.50	702,15	77.40	198,087.50	228,198.75	25,155	451,441.25	
	JON COLVEL	5.0 x 5.0	m	0	1,374,30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	0	6.80	3.10	0.90	0	0	0	0	
	Concrete	Н = 5.0	m	0	459.60	557.90	58.30	0	0	0	0	
Wall	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0	0	0	0	
	Reverment	Stone	m	1,150	671.10	1,110.50	123.60	771,765	1,277,075	142,140	2,190,980	

Segment 7 (2-lane) (No.143' - No.154 + 50')

					1	Jnit Cost		Con	struction (	Cost		Remarks
Item	Sub-Item	Class	Unit	Quantity	F,C	L,C	Tax	F,C	L.C	Tax	Total	
	Carriageway	Asphalt	m <sup>2</sup>	9,200	15.9	11.6	1.3	146,280	106,720	11,960	264,960	
	Shoulder	Asphalt	m <sup>2</sup>	1,725	12.4	8.3	1.0	21,390	14,317.5	1,725	37,432.5	
Pavement	Service Road	Asphalt	<sub>m</sub> 2	0	12.4	8.3	1.0	0	0	0	0	
	Sidewalk	Concrete Block	m <sup>2</sup>	11,500	6.1	8.4	0.8	70,150	96,600	9,200	175,950	
	Overlay	Aspha1t	m <sup>2</sup>	0	2.5	10.3	1.4	0	0.	0	0	
	Kerb	Concrete	m	2,300	5.7	12.6	0.9	13,110	28,980	2,070	44,160	
Additional	Central Reserved	Concrete	m	0	10.4	25.2	1.8	0	0	0	0	
Facility	Guard Rail	Steel	m	2,300	34.5	10.3	4.4	79,350	23,690	10,120	113,160	
	Lighting	Steel	m	1,150	11.0	9.0	1.0	12,650	10,350	1,150	24,150	
	Lane-Marks	Paint	m	1,150	0.3	0.6	0.05	345	690	57.5	1,092.5	
	At-Grade		No.	1	30,534.8	59,728.4	2,706.2	30,534.8	59,728.4	2,706.2	92,969.4	
Intersection	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
	L ≤ 50	Concrete	m <sup>2</sup>	<u>-</u>	<del>-</del>		- · · · · · · · · · · · · · · · · · · ·	<u>-</u>		-		
Bridge	L > 50	Concrete	m <sup>2</sup>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	-	-	<b>-</b>	-		-	
Approach	Road		m	0	428.2	461.3	45.1	0	0	0	0	
TOTAL								1,788,822	2,222,583	244,326.8	4,255,733	

Segment 8 (4-1ane) (No.100 - No.112)

						Unit Cost			Construction (	Cost		
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Тах	Total	Remarks
Site	Residential		n <sup>2</sup>	0	1.80	1.20	0,15	0	0	0	0	
	Field	: :	m <sup>2</sup>	0	0.25	0.16	0.02	0	0	0	0	
Clearing	Mountain		m <sup>2</sup>	45,670	0.35	0.20	0.03	15,984.50	9,134	1,370.10	26,488.60	
Excavation	Soil		"3 m	88,000	1.18	0.85	0.10	103,840	74,800	8,800	187,440	
Bricavacion	Rock		3 m	169,400	5.51	10.68	0.81	933,394	1,809,192	137,214	2,879,800	
Embankment			m <sup>3</sup>	13,550	1.40	0.90	0.11	18,970	12,195	1,490.50	32,655.50	
	Grass		m <sup>2</sup>	9,400	0	5.00	0.30	0	47,000	2,820	49,820	
Slope	Concrete		2 m	14,470	4.80	3,80	0.70	69,456	54,986	10,129	134,571	
Turfing	Sidewalk	Grass & Tree	m <sup>2</sup>	0	1.20	4.70	0.30	0	0	0	0	
201.4.1.6	Open Space	Grass	m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	Roadside	0.5 x 1.0	m	0	48.50	101.30	6,10	0	0	0	0	
	Roudside	1.0 x 1.0	m	1,120	54.00	99.10	6.60	60,480	110,992	7,392	178,864	
Drainage	Pipe Culvert	600	m	89	59.30	91.40	6.80	5,277.70	8,134.60	605.20	14,017.50	
	Box Culvert	3.0 x 3.0	m	0	609.50	702.15	77.40	0	0	0	0	
	DOX COLVELL	5.0 x 5.0	m	0	1,374.30	1,563.90	162.70	. 0	0	0	0	
	Demolishing	0.5 x 1.0	m	0	6.80	3.10	0.90	0	0	0	0	
	Concrete	H = 5.0	m	200	459.60	557.90	58.30	91,920	111,580	11,660	215,160	
Wall	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0.1	0	0	0	
	Revetment	Stone	m	0	671.10	1,110.50	123.60	0	0	0	0	

Segment 8 (4-1ane) (No.100 - No.112)

						Unit Cost		Const	ruction Cos	t		
Item	Sub-Item	Class	Unit	Quantity	F.C	L,C	Tax	F.C	L.C	Tax	Total	Remarks
	Carriageway	Asphalt	m <sup>2</sup>	18,400	15,9	11.6	1.3	292,560	213,440	23,920	529,920	
	Shoulder	Asphalt	m <sup>2</sup>	2,400	12.4	8.3	1.0	29,760	19,920	2,400	52,080	
Pavement	Service Road	Asphalt	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
	Sidewalk	Concrete Block	m <sup>2</sup>	0	6.1	8.4	0.8	0	0	0	0	
	Overlay	Asphalt	m <sup>2</sup>	0	2.5	10.3	1.4	0	0	0	0	
	Kerb	Concrete	m	2,240	5.7	12.6	0.9	12,768	28,224	2,016	43,008	
	Central Reserved	Concrete	m	1,120	10.4	25.2	1.8	11,648	28,224	2,016	41,888	
Additional	Guard Rail	Steel	m	0	34.5	10.3	4.4	0	0	0	0	
Facility	Lighting	Stee1	m	0	11.0	9.0	1.0	0	0	0	0	
	Lane-Marks	Paint	m	0	0.3	0.6	0.05	0	0	0	0	
and the second s	At-Grade		No.	0	30,534.8	59,728.4	2,706.2	0	0	0	0	
Intersection	Interchange	,	Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
	L ≤ 50	Concrete	m <sup>2</sup>	_	_	-	•	-		-		
Bridge	L > 50	Concrete	m <sup>2</sup>	- -	-		-	-				
Approach	Road		m	0	428.2	461.3	45.1	0	0	0	0	
TOTAL								1,646,058	2,527,821	211,832.8	4,385,712	

Segment 8 (2-lane) (No.100 - No.112)

						Unit Cost			Constructio	n Cost		4
Item	Sub-\Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Тах	Total	Remarks
	Residential		m <sup>2</sup>	0	1.80	1.20	0.15	0	0	0	0	
Site Clearing	Field		2 m	0	0.25	0.16	0.02	0	0	0	0	
o tour ring	Mountain		m <sup>2</sup>	35,170	0.35	0.20	0.03	12,309.50	7,034	1,055.10	20,398.60	
-	Soi1		3 m	64,350	1.18	0.85	0.10	75,933	54,697.50	6,435	137,065.50	
Excavation	Rock		m <sup>3</sup>	13,200	5.51	10.68	0.81	72,732	140,976	10,692	224,400	
Embankment			m <sup>3</sup>	6,900	1.40	0.90	0.11	9,660	6,210	759	16,629	
Slope	Grass		m <sup>2</sup>	9,720	0	5.00	0.30	0	48,600	2,916	51,516	
оторе	Concrete		m <sup>2</sup>	16,470	4.80	3.80	0.70	79,056	62,586	11,529	153,171	
Turfing	Sidewalk	Grass & Tree	m <sup>2</sup>	0	1.20	4.70	0.30	0	0	0	0	
	Open Space	Grass	m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	Roadside	0.5 x 1.0	m	0	48.50	101.30	6.10	0 1	0	0	0	
••		$1.0 \times 1.0$	m	1,120	54.00	99.10	6.60	60,480	110,992	7,392	178,864	
Drainage	Pipe Culvert	600	m	89	59.30	91,40	6,80	5 <b>,</b> 277.70	8,134,60	605,20	14,017.50	
	Box Culvert	3.0 x 3.0	m	0	609.50	702.15	77.40	0	0	0	0	
		$5.0 \times 5.0$	n	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	0	6.80	3.10	0.90	0	0	0	0	
	Concrete	H = 5.0	m	0	459,60	557.90	58.30	0	0	0	0	
Wall	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0	0	0	0	
	Revetment	Stone	m	0	671,10	1,110.50	123,60	0	0	0	0	

Segment 8 (2-lane) (No.100 - No.112)

						Unit Co	st	Cons	struction Co	ost		
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
	Carriageway	Asphalt	m <sup>2</sup>	9,700	15.9	11.6	1.3	154,320	112,520	12,610	279,450	
	Shoulder	Asphalt	ը m	3,645	12.4	8.3	1.0	45,198	30,253.5	3,645	79,096.5	
Pavement	Service Road	Asphalt	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
	Sidewa1k	Concrete Block	m <sup>2</sup>	0	6.1	8.4	0.8	0	0	0	0	
	Overlay	Asphalt	m <sup>2</sup>	0	2.5	10.3	1.4	0	. 0	0	0	
	Kerb	Concrete	m	2,240	5.7	12.6	0.9	12,768	28,224	2,016	43,008	
Additional	Central Reserved	Concrete	m	0	10.4	25.2	1.8	. 0	0	0	.0	
Facility	Guard Rail	Stee1	m	0	34.5	10.3	4.4	0	0	0	0	
	Lighting	Steel	m	0	11.0	9.0	1.0	0	0	0	0	
	Lane-Marks	Paint	m	0	0.3	0.6	0.05	О	0	0	0	
Intersection	At-Grade		No.	1	30,534.8	59,728.4	2,706.2	30,354.8	59,728.4	2,706.2	92,789.4	
11100100001011	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
	L <u>≤</u> 50	Concrete	m <sup>2</sup>	<b>-</b>	_	<del>-</del>	-	-	-	<del>-</del>		
Bridge	L > 50	Concrete	m <sup>2</sup>	-	_	-		1.5 (1.2)		<u>_</u>	<u>.</u>	
Approach	Road		m	0	428.2	461.3	45.1	0	0	O	0	
TOTAL								558,089	669,956	62,360.5	1,290,405	

Segment 9 (4-1ane) (No.112 - No.128) Improvement of Gottlieb Road

						Unit Cost		C	onstruction C	ost		
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
Site	Residential		m <sup>2</sup>	15,000	1.80	1.20	0.15	27,000	18,000	2,250	47,250	
Clearing	Field		m <sup>2</sup>	0	0.25	0.16	0.02	0	0	.0	0	
	Mountain		m <sup>2</sup>	0	0.35	0.20	0.03	0	0	0	0	
Excavation	Soil		3	11,250	1.18	0.85	0.10	13,275	9,562.5	1,125	23,962.5	
	Rock		m <sup>3</sup>	0	5.51	10.68	0.81	0	0	0	0	
Embankment			m <sup>3</sup>	0	1.40	0.90	0.11	0	0	0	0	
Slope	Grass		m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	Concrete		m <sup>2</sup>	0	4.80	3.80	0.70	0	0	0	0	
Turfing	Sidewalk	Grass & Tree	1 111	1,500	1.20	4.70	0.30	1,800	<b>7,</b> 050	450	9,300	
	Open Space	Grass	m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	Roadside	0.5 x 1.0	m	1,500	48.50	101.30	6.10	72,750	151,950	9,150	233,850	
		1.0 x 1.0	m	0	54.00	99.10	6.60	0	0	0	0	
Drainage	Pipe Culvert	600	m	90	59.30	91.40	6.80	5,337	8,226	612	14,175	
	Box Culvert	$3.0 \times 3.0$	m	0	609.50	702.15	77.40	0	0	Ō	0	
		5.0 x 5.0	m	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	1,500	6.80	3.10	0.90	10,200	4,650	1,350	16,200	
Wall	Concrete	H = 5.0	m	0	459.60	557.90	58.30	0	0	0	0	
	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0	0	0.		
	Revetment	Stone	m	0	671.10	1,110.50	123.60	0	0	0	0	

Segment 9 (4-lane) (No.112 - No.128) Improvement of Gottlieb Road

Item	Sub-Item	Class	Unit	Quantity		Unit Cost		Cons	struction C	ost		
rcen	200-1cem	Ulass	OHIC	Quantity	F,C	L,C	Tax	F.C	L.C	Tax	Tota-	Remarks
	Carriageway	Asphalt	m <sup>2</sup>	12,000	15.9	11.6	1.3	190,800	139,200	15,600	345,600	
	Shoulder	Asphalt	m <sup>2</sup>	2,250	12.4	8.3	1.0	27,900	18,675	2,250	48,825	
Pavement	Service Road	Aspha1t	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
	Sidewalk	Concrete Block	m <sup>2</sup>	6,000	6.1	8.4	0.8	36,600	50,400	4,800	91,800	
	Overlay	Aspha1t	m <sup>2</sup>	13,500	2.5	10.3	1.4	33,750	139,050	18,900	191,700	
	Kerb	Concrete	m	3,000	5.7	12.6	0.9	17,100	37,800	2,700	57,600	
	Central Reserved	Concrete	m	1,500	10.4	25.2	1.8	15,600	37,800	2,700	56,100	
Additional	Guard Rail	Steel	m	3,000	34.5	10.3	4.4	103,500	30,900	13,200	147,600	
Facility	Lighting	Stee1	m	0	11.0	9.0	1.0	0	0	0	0	
	Lane-Marks	Paint	m	1,500	0.3	0.6	0.05	450	900	75	1,425	
Intersection	At-Grade		No.	3	30,534.8	59,728.4	2,706.2	91,604.4	179,185.2	8,118.6	2.78,908.2	
	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
	L ≤ 50	Concrete	m <sup>2</sup>		_	_	-	<u>-</u>		- A	-	
Bridge	L > 50	Concrete	m <sup>2</sup>	<b>-</b>	-		-	- ·	7		-	
Approach	Road		m	0	428.2	461.3	45.1	0	.0	0	0	
TOTAL								647,666.4	833,348	83,280.6	1,564,295	

Segment 10 (4-lane) (No.128-No.129 + 10)

					υ	nit Cost		(	Construction	Cost		Remarks
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
Site	Residential		m <sup>2</sup>	0	1.80	1.20	0.15	0	0	0	0	
Clearing	Field		m <sup>2</sup>	0 .	0.25	0.16	0.02	0	0	0	0	
	Mountain		m <sup>2</sup>	0	0.35	0.20	0.03	0	0	0	0	
Excavation	Soi1	. :	m <sup>3</sup>	0	1.18	0.85	0.10	0	.0	0	0	
Excavacion	Rock		m <sup>3</sup>	0	5.51	10.68	0.81	0	0	0	0	
Embankment			m <sup>3</sup>	0	1.40	0.90	0.11	0	0	0	0	
S1ope	Grass		2 m	0	0	5.00	0.30	0	0	0	0	
Diopo	Concrete		m <sup>2</sup>	0	4.80	3.80	0.70	0	0	0	0	
Turfing	Sidewalk	Grass & Tree	l	200	1.20	4.70	0.30	240	940	60	1,240	
Tutting	Open Space	Grass	m <sup>2</sup>	0	0	5.00	0,30	0	0	0	0	
	Roadside	0.5 x 1.0	m	400	48.50	101.30	6.10	19,400	40,520	2,440	62,360	
		1.0 x 1.0	m	0	54.00	99.10	6.60	0	0	0	0	
Drainage	Pipe Culvert	600	m	0	59.30	91.40	6.80	0	0	0	0	
	Box Culvert	3.0 x 3.0	m	200	609.50	702,15	77.40	121,900	140,430	15,480	277,810	
		5.0 x 5.0	m	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	400	6.80	3.10	0.90	2,720	1,240	360	4,320	
	Concrete	H = 5.0	m	0	459.60	557.90	58.30	0	0	0	, 0	
Wall	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0	0	0	0	र कर विकास है।
	Revetment	Stone	m	0	671.10	1,110.50	123.60	0	0	0	0	

Segment 10 (4-1ane) (No.128 - No.129 + 10)

			,			···						
-		1 1				Unit Cost			Construct	ion Cost		
Item	Sub-Item	Class	Unit	Quantity	F.C.	L.C.	Tax	F.C.	L.C.	Tax	Total	Remarks
	Carriageway	Asphalt	m <sup>2</sup>	0	15.9	11.6	1.3	0	0	0	0	
	Shoulder	Aspha1t	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
Pavement	Service Road	Asphalt	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
: 1,1	Sidewalk	Concrete Block	m <sup>2</sup>	0	6.1	8.4	0.8	0	0	0	0	
	Overlay	Asphalt	m <sup>2</sup>	3,600	2.5	10.3	1.4	9,000	37,080	5,040	51,120	
	Kerb	Concrete	m	400	5.7	12.6	0.9	2,280	5,040	360	7,680	
	Central Reserved	Concrete	m	200	10.4	25.2	1.8	2,080	5,040	360	7,480	
Additional Facility	Guard Rail	Steel	m	200	34.5	10.3	4.4	6,900	2,060	880	9,840	
<b>-</b>	Lighting	Stee1	m	0	11.0	9.0	1.0	0		, , , , , , , , , , , , , , , , , , ,	0	
	Lane-Marks	Paint	m	200	0.3	0.6	0.05	60	120	10	190	
	At-grade		No.	1	30,534.8	59,728.4	2,706.2	30,534.8	59,728.4	2,706.2	92,969.4	
Intersection	Interchange	N	Vol.	0	705,314.0	775,542.6	74,928.8		0	0	0	
n	L ≤ 50	Concrete	<sub>m</sub> 2	<del>-</del>		=	<del>-</del>	<del>-</del>			<u>.</u>	
Bridge	L > 50	Concrete	m <sup>2</sup>	_			<del>-</del>	_		<u>.</u>	- -	
Approach	Road		m		428.2	461.3	45.1		0	0	0	
TOTAL								195,144.8	292,198.4	27,696.2	515,009.4	

Segment 11 (4-1ane) (No.129 + 10 - No. 173)

1tem	Sub-Item	Class	Unit	Quantity		Unit Cost			Construc	ction Cost		
				Quantity .	F.C	L.C	Tax	F.C	L.C	Tax	Tota1	Remarks
Site	Residential		m <sup>2</sup>	0	1.80	1.20	0.15	0	0	0	0	
Clearing	Field		, 2 m	0	0.25	0.16	0.02	0	0	0	0	
	Mountain		2 m	0	0.35	0.20	0.03	0	0	0	0	
	Soi1		m <sup>3</sup>	0	1.18	0.85	0.10	0	0	0	0	
Excavation	Rock		m <sup>3</sup>	0	5.51	10.68	0.81	0	0	0	0	
Embankment			. m <sup>3</sup>	1,490,660	2.50	1.90	0.20	3,726,650	2,832,254	298,132	6,857,036	
Slope	Grass		m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	Concrete		ա <sup>2</sup>	0	4.80	3.80	0.70	0	0	0	0	
Turfing	Sidewalk	Grass & Tree	2 m	44,500	1,20	4.70	0.30	53,400	209,150	13,350	275,900	
:	Open Space	Grass	m <sup>2</sup>	157,400	0	5.00	0.30	0	787,000	47,220	834,220	
	Roadside	0.5 x 1.0	m	8,900	48.50	101.30	6.10	431,650	901,570	54,290	1,387,510	
•		1.0 x 1.0	m	0	54.00	99.10	6.60	0	0	0	0	
Drainage	Pipe Culvert	600	m	360	59.30	91.40	6.80	21,348	32,904	2,448	56,700	
	Box Culyert	3.0 x 3.0	m	180	609,50	702,15	77.40	109,710	126,387	13,932	250,029	
	201 001)012	5.0 x 5.0	: m	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	0	6.80	3.10	0:90	0	0	0	0	
	Concrete	H = 5.0	m	0.	459.60	557.90	58,30	0	0	. 0,	0	
Wall	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0	0	0	0	
	Revetment	Stone	m	4,450	671.10	1,110.50	123.60	2,986,395	4,941,725	550,020	8,478,140	

Segment 11 (4-lane) (No.129 + 10 - No. 173)

		21				Unit Cost		Con	struction (	Cost		Remarks
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Nomar Ro
	Carriageway	Asphalt	m <sup>2</sup>	71,200	15.9	11.6	1.3	1,132,080	825,920	92,560	2,050,560	
	Shoulder	Asphalt	m <sup>2</sup>	13,350	12.4	8.3	1.0	165,540	110,805	13,350	289,695	
Pavement	Service Road	Asphalt	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
	Sidewalk	Concrete Block	m <sup>2</sup>	44,500	6.1	8.4	0.8	271,450	373,800	35,600	680,850	
, it is	Overlay	Asphalt	m <sup>2</sup>	0	2.5	10.3	1.4	0	0	0	0	
4 7	Kerb	Concrete	m	8,900	5.7	12.6	0.9	50,730	112,140	8,010	170,880	
Additional	Central Reserved	Concrete	m	4,450	10.4	25.2	1.8	46,280	112,140	8,010	166,430	
Facility	Guard Rail	Stee1	m	8,900	34.5	10.3	4.4	307,050	91,670	39,160	437,880	
	Lighting	Steel	m	4,450	11.0	9.0	1.0	48,950	40,050	4,450	93,450	
	Lane-Marks	Paint	m	4,450	0.3	0.6	0.05	1,335	2,670	222.5	4,227.5	
_	At-Grade		No.	3	30,534.8	59,728.4	2,706.2	91,604.4	179,185.2	274,813.2	545,602.8	
Intersection	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
Bridge	L ≤ 50	Concrete	m <sup>2</sup>	<u>-</u>	_	-	_		_	7		
### <b>#</b>	L > 50	Concrete	m <sup>2</sup>			<u>-</u>	-	_	<b>-</b>		-	
Approach	Road		m	300	428.2	461.3	45.1	128,460	138,390	13,530	280,380	
TOTAL								9,572,632	11,817,760	1,469,097	22,859,490	

Segment 11 (2-1ane) (No. 129 + 10 - No. 173)

					τ	Jnit Cost			Construct	ion Cost		Remarks
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Nemaiks
Site	Residential		m <sup>2</sup>	0	1.80	1.20	0.15	0	.0	0	0	
Clearing	Field		2 m	0	0.25	0.16	0.02	0	0	0	0	
	Mountain.		m <sup>2</sup>	0	0.35	0.20	0.03	0	0	0	0	
Excavation	Soil		<sub>m</sub> 3.	0	1.18	0.85	0.10	0	0	0	0	
	Rock		3 m	0	5.51	10.68	0.81	0	0	0	0	
Embankment			m 3	1,242,720	2.50	1.90	0.20	3,106,800	2,361,168	248,544	5,716,512	
Slope	Grass		m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	Concrete		m <sup>2</sup>	0	4.80	3.80	0,70	0	0	0	0	
Turfing	Sidewalk	Grass & Tree		0	1.20	4.70	0.30	0	0	0	0	
Turring	Open Space	Grass	m <sup>2</sup>	157,400	0	5.00	0.30	0.	787,000	47,220	834,220	
	Roadside	$0.5 \times 1.0$	m	8,900	48.50	101.30	6.10	431,650	901,570	54,290	1,387,510	
	Roadside	1.0 x 1.0	m	0	54.00	99.10	6.60	0	0	0	0	
Drainage	Pipe Culvert	600	m	180	59.30	91.40	6.80	10,674	16,452	1,224	28,350	
	Box Culvert	$3.0 \times 3.0$	m	160	609.50	702.15	77.40	97,520	112,344	12,384	222,248	
	DOX COIVEIC	5.0 x 5.0	m	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	$0.5 \times 1.0$	m	0	6.80	3.10	0.90	0	0	0	0	
	Concrete	H = 5.0	m	0	459.60	557.90	58.30	0	. <b>0</b> , 1	0	0	
Wall	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0	0	0	0.1	
	Revetment	Stone	m	4,450	671.10	1,110.50	123.60	2,986,395	4,941,725	550,020	8,478,140	

Segment 11 (2-lane) (No. 129 + 10 - No. 173)

TA	C.L. Th	01	77			Unit Cost		C	Construction	n Cost		
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
	Carriageway	Aspha1t	m <sup>2</sup>	35,600	15.9	11.6	1.3	566,040	412,960	46,280	1,025,280	
	Shoulder	Asphalt	m <sup>2</sup>	6,675	12.4	8.3	1.0	82,770	55,402.5	6,675	144,847.5	
Pavement	Service Road	Asphalt	m <sup>2</sup>	. 0	12.4	8.3	1.0	0	0	0	0	
	Sidewalk	Concrete Block	m <sup>2</sup>	2,225	6.1	8.4	0.8	13,572.5	18,690	1,780	34,042.5	
	Overlay	Asphalt	m <sup>2</sup>	0	2.5	10.3	1.4	0	0	0	0	
	Kerb	Concrete	m	0	5.7	12.6	0.9	0	0	0	0	
	Central Reserved	Concrete	m	0	10.4	25.2	1.8	0	9	0	0	
Additional Facility	Guard Rail	Stee1	m	0	34.5	10.3	4.4	0	0	0	0	
ractificy	Lighting	Stee1	m	0	11.0	9.0	1.0	0	0	0	0	
	Lane-Marks	Paint	m	0	0.3	0.6	0.05	0	0	0	0	
Intersection	At-Grade		No.	4	30,534.8	59,728.4	2,706.2	122,139.2	238,913.6	10,824.8	371,877.6	
	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
Prideo	L ≤ 50	Concrete	m <sup>2</sup>	-				<del>-</del>		_ 		
Bridge	L > 50	Concrete	m <sup>2</sup>	_	-		, †				-	
Approach	Road		m	300	428.2	461.3	45.1	128,460	138,390	13,530	280,380	
TOTAL								7,546,020	9,984,615	992,771	18,523,407	

Segment 12 (4-1ane) Improvement of Weld Quay

	Sub-Item	Class	Unit	Quantity		Unit Cost		Construction Cost				
Item					F.C	L.C	Tax	F.C	L.C	Tax	Total	`Remarks
Site Clearing	Residential		m <sup>2</sup>	0	1.80	1.20	0.15	0	0	0	0	
	Field		m <sup>2</sup>	0	0.25	0.16	0.02	. 0 :	0	0	00	
	Mountain		m <sup>2</sup>	0	0.35	0.20	0.03	0	0	0	0	
Excavation	Soi1		m <sup>3</sup>	0	1.18	0.85	0.10	0	0	0	0	
	Rock		m <sup>3</sup>	0	5.51	10.68	0.81	0	Ó	0	.0	
Embankment			3 m	0	1.40	0.90	0.11	0	0	0	0	
Slope	Grass		m <sup>2</sup>	0	0	5.00	0.30	0	0	0	0	
	Concrete		m <sup>2</sup>	0	4,80	3,80	0.70	0	0	0	0	
Turfing	Sidewalk	Grass & Tree	m <sup>2</sup>	0	1.20	4.70	0.30	0	0	0	0	
	Open Space	Grass	m <sup>2</sup>	0	0	5,00	0.30	0	0	0	0	
	Roadside	0.5 x 1.0	m	4,000	48.50	101.30	6.10	194,000	405,200	24,400	623,600	
		1.0 x 1.0	m	0	54.00	99.10	6.60	0	0	0	0	
Drainage	Pipe Culvert	600	m	0	59.30	91.40	6.80	0	0	0	0	
e e	Box Culvert	3.0 x 3.0	m	0	609.50	702.15	77.40	0	0	0	0	
		5.0 x 5.0	m	0	1,374.30	1,563.90	162.70	0	0	0	0	
	Demolishing	0.5 x 1.0	m	4,000	6.80	3.10	0.90	27,200	12,400	3,600	43,200	
Wall	Concrete	H = 5.0	m	0	459.60	557.90	58.30	0	0		0	
	Masonry	H = 5.0	m	0	76.00	116.80	9.70	0	0	0	0	
	Revetment	Stone	m	0	671.10	1,110.50	123.60	0	0	0	. 0	

Segment 12 (4-lane) Improvement of Weld Quay (cont'd)

				1		Unit Cost	<u> </u>		Construction	Coot		
Item	Sub-Item	Class	Unit	Quantity	F.C	L.C	Tax	F.C	L.C	Tax	Total	Remarks
	Carriageway	Aspha1t	m <sup>2</sup>	0	15.9	11.6	1.3	0	0	0	0	
	Shoulder	Asphalt	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
Pavement	Service Road	Aspha1t	m <sup>2</sup>	0	12.4	8.3	1.0	0	0	0	0	
	Sidewalk	Concrete Block	m <sup>2</sup>	3,000	6.1	8.4	0.8	18,300	25,200	2,400	45,900	
	0verlay	Asphalt	m <sup>2</sup>	28,000	2.5	10.3	1.4	70,000	288,400	39,200	397,600	
	Kerb	Concrete	m	4,000	5.7	12.6	0.9	22,800	50,400	3,600	76,800	
Additional	Central Reserved	Concrete	m	2,000	10.4	25.2	1.8	20,800	50,400,	3,600	74,800	
Facility	Guard Rail	Steel	m	4,000	34.5	10.3	4.4	138,000	41,200	17,600	196,800	
	Lighting	Stee1	m	0	11.0	9.0	1.0	0	0	0	0	
•	Lane-Marks	Paint	m	0	0.3	0.6	0.05	0	0	0	0	
Intersection	At-Grade		No	3	30,534.8	59,728.4	2,706.2	91,604.4	179,185.2	8,118.6	278,908.2	
	Interchange		Vol.	0	705,314.0	775,542.6	74,928.8	0	0	0	0	
Bridge	L ≤ 50	Concrete	m <sup>2</sup>	-	-	-		<del>-</del>	<del>-</del>	<b>-</b>	-	
	L > 50	Concrete	m <sup>2</sup>		-	_			- :			
Approach	Road		m	0		428.2	461.3	45.1	0	0	0	
TOTAL								582,704.4	1,052,385	102,518.6	1,737,608	•

#### CONSTRUCTION COST FOR BRIDGE

	Tonath	Width	Amas	·	Unit Co	st		Cost				
Station	Length (m)	(m)	Area (m <sup>2</sup> )	L.C.	F.C.	XAT	L.C.	F.C.	TAX	Total	Segment	Remarks
-NO4'+0.0 - NO1'+50.0	500	$9.0 \times 2$ = 18.0	9,900	239.4	359.1	. 31.5	2,370,060	3,555,090	311,850	6,237,000	1.	
NO1+0.0 - NO1+0.0	200	$9.0 \times 2$ = 18.0	3,600	239.4	359.1	31.5	861,840	1,292,760	113,400	2,268,000	2 & 3	Grade Separation
NO27+70 - NO30+40	270	$9.0 \times 2$ = 18.0	4,860	272.1	418.5	36.9	1,322,693	2,033,927	179,412	3,536,032	4	Green Village Bridge
NO45+80 - NO46+30	50	$9.0 \times 2$ = 18.0	900	295.6	443.4	38.9	266,040	399,060	35,010	700,110	4	
NO67+0 - NO67+20	20	9.5 x 2 = 19.0	380	238.6	358.0	31.4	90,668	136,040	11,932	238,640	4	
NO73+90 - NO74+15	25	9.5 x 2 = 19.0	475	238.6	358.0	31.4	113,335	170,050	14,915	298,300	4	
NO77+50 - NO79+50	200	$9.0 \times 2$ = 18.0	3,600	239.4	359.1	31.5	861,840	1,292,760	113,400	2,268,000	4 & 5	Grade Separation
N088+35 - N092+70	435	$9.0 \times 2$ = 18.0	7,830	294.9	480.3	43.5	2,309,430	3,760,420	340,808	6,410,658	5	Rifle Range Bridge
NO95+80 - NO96+10	30	$9.0 \times 2$ = 18.0	540	238.6	358.0	31.4	128,844	193,320	16,956	339,120	5	
NO111+15 - NO111+40	.25	$9.0 \times 2$ = 18.0	450	238.6	358.0	31.4	107,370	161,100	14,130	282,600	8	
NO111+50 - NO113+50	200	$9.0 \times 2$ = 18.0	3,600	239.4	359.1	31.5	861,840	1,292,760	113,400	2,268,000	8 & 9	Grade Separation
NO103'+50 - NO105'+50	200	$9.0 \times 2$ = 18.0	3,600	295.6	443.4	38.9	1,064,160	1,596,240	140,040	2,800,440	6	
NO112'+40 - NO115'+50	310	9.0 x 2 = 18.0	5,580	236.0	316.7	26.8	1,316,820	1,767,171	149,581	3,233,572	6	Waterfall Road Bridg
NO143'	200	$9.0 \times 2$ = 18.0	3,600	295.6	443.5	38.9	1,064,160	1,596,600	140,040	2,800,800	6 & 7	Grade Separation
NO129	200	$9.0 \times 2$ = 18.0	3,600	295.6	443.5	38.9	1,064,160	1,596,600	140,040	2,800,800	7 & 11	Grade Separation

			원인 보이는 기반을 받아야다.
	$(T_{i+1}, T_{i+1}, $		
			国。""真是,"是是我的事情的"。 第二章
			医连续管理 医肾上腺管 计图点
医圆线性多层层 医克勒勒氏皮膜管			
			Associated the control of the state of the s

