

**APPENDIX 9.1.2 CONSTRUCTION COST ESTIMATE**

- A. CONSTRUCTION COST BY ROUTE AND SECTION
- B. CONSTRUCTION COST OF EXPRESSWAY STRUCTURES
- C. EXPRESSWAY MISCELLANEOUS/VIADUCT PAVEMENT COST
- D. RECONSTRUCTION COST OF AT-GRADE ROAD
- E. COST ESTIMATE OF SPECIAL SECTIONS

**A. CONSTRUCTION COST BY ROUTE AND SECTION**

EXPRESSWAY C - 3

SECTION		Cost (Million Pesos)	Component (Million Pesos)			
			Foreign	Local		Tax
				Local	Tax	
1. From Adriatico Avenue To R-3 I/C L = 1.245 km (-1-450 to 0-205)	a) Expressway Structure	189.56	98.94	59.74	30.88	
	b) Expressway Pavement, Marking ect.	10.03	5.74	2.47	1.82	
	c) Reconstruction of At-grade Road	20.88	11.15	6.16	3.57	
	d) Total	220.47	115.83	68.37	36.27	
2. R-3 I/C L = 0.330 km (0-205 to 0+125)	a) Expressway Structure	267.51	139.62	84.19	43.70	
	b) Expressway Pavement, Marking ect.	10.78	6.12	2.71	1.95	
	c) Reconstruction of At-grade Road	278.29	145.74	86.90	45.65	
	d) Total	756.57	394.61	236.87	123.09	
3. From R-3 I/C To R-4 I/C L = 1.725 km (0+125 to 1+850)	a) Expressway Structure	45.26	26.26	10.83	8.18	
	b) Expressway Pavement, Marking ect.	8.84	4.85	2.77	2.11	
	c) Reconstruction of At-grade Road	818.29	429.71	254.55	134.04	
	d) Total	398.37	208.36	124.71	65.30	
4. R-4 I/C L = 0.455 km (1+850 to 2+305)	a) Expressway Structure	15.51	8.78	3.94	2.79	
	b) Expressway Pavement, Marking ect.	413.88	217.14	128.65	68.09	
	c) Reconstruction of At-grade Road	819.71	426.61	260.07	133.03	
	d) Total	4129	2394	988	747	
5. From R-4 I/C To R-6 I/C L = 1.715 km (2+305 to 4+020)	a) Expressway Structure	21.36	11.31	6.38	3.67	
	b) Expressway Pavement, Marking ect.	882.36	461.86	276.33	144.17	
	c) Reconstruction of At-grade Road	129.19	67.17	40.94	21.08	
	d) Total	4.74	2.71	1.17	0.86	
6. R-6 I/C L = 0.295 km (4+020 to 4+315)	a) Expressway Structure	133.93	69.88	42.11	21.94	
	b) Expressway Pavement, Marking ect.	768.38	399.99	244.81	123.58	
	c) Reconstruction of At-grade Road	54.43	31.37	13.21	9.85	
	d) Total	67.61	36.35	19.60	11.66	
7. From R-6 I/C To R-7 I/C L = 2.340 km (4+315 to 6+655)	a) Expressway Structure	890.42	467.71	277.62	145.09	
	b) Expressway Pavement, Marking ect.	384.43	200.16	122.56	61.71	
	c) Reconstruction of At-grade Road	18.88	10.87	4.60	3.41	
	d) Total	403.31	211.03	127.16	65.12	
8. From R-7 I/C To R-9 I/C L = 2.790 km (7+065 to 9+855)	a) Expressway Structure	886.57	461.09	283.19	142.29	
	b) Expressway Pavement, Marking ect.	60.03	34.80	14.36	10.87	
	c) Reconstruction of At-grade Road	51.88	27.80	15.28	8.80	
	d) Total	998.48	523.69	312.83	161.96	
9. From R-9 I/C To R-10 I/C L = 0.480 km (9+855 to 10+335)	a) Expressway Structure	354.28	184.28	113.19	56.81	
	b) Expressway Pavement, Marking ect.	18.20	10.31	4.61	3.28	
	c) Reconstruction of At-grade Road	372.48	194.59	117.80	60.09	
	d) Total	1,381.21	718.46	440.33	222.42	
10. From R-10 I/C To R-11 I/C L = 3.955 km (10+335 to 14+290)	a) Expressway Structure	86.03	49.84	20.62	15.57	
	b) Expressway Pavement, Marking ect.	91.76	49.24	26.83	15.69	
	c) Reconstruction of At-grade Road	1,559.00	817.54	487.78	253.68	
	d) Total	100.62	52.35	31.87	16.40	
11. From R-11 I/C To R-12 I/C L = 0.190 km (14+290 to 14+480)	a) Expressway Structure	4.30	2.51	1.01	0.78	
	b) Expressway Pavement, Marking ect.	104.92	54.86	32.88	17.18	
	c) Reconstruction of At-grade Road	6,436.40	3,351.64	2,044.47	1,040.29	
	d) Total	369.48	213.25	89.41	66.83	
TOTAL	a) Expressway Structure	269.95	144.69	79.10	46.16	
	b) Expressway Pavement, Marking ect.	7,075.83	3,709.58	2,212.98	1,153.28	
	c) Reconstruction of At-grade Road					
	d) Total					

SECTION		Cost (Million Pesos)	Component (Million Pesos)		Tax
			Foreign	Local	
1. From C-3 I/C To Buendia Avenue L = 2.105 km (0+330 to 2+435)	a) Expressway Structure	816.91	427.05	256.48	133.38
	b) Expressway Pavement, Marking ect.	59.29	34.52	14.05	10.72
	c) Reconstruction of At-grade Road	40.96	21.95	12.03	6.98
	d) Total	917.16	483.52	282.56	151.08
2. Buendia Access Ramp 1.30 + 0.69 = 1.99 km	a) Expressway Structure	217.83	114.73	67.21	35.89
	b) Expressway Pavement, Marking ect.	21.12	12.25	5.08	3.79
	c) Reconstruction of At-grade Road	15.96	8.56	4.74	2.66
	d) Total	254.91	135.54	77.03	42.34
3. From Btendia Avenue To EDSA L = 2.265 km (2+435 to 4+700)	a) Expressway Structure	951.66	496.58	299.78	155.30
	b) Expressway Pavement, Marking ect.	53.16	30.78	12.76	9.62
	c) Reconstruction of At-grade Road	28.63	15.34	8.41	4.88
	d) Total	1,033.45	542.70	320.95	169.80
4. EDSA Access Ramp L = 1.540 km (0.68 + 0.86)	a) Expressway Structure	274.03	156.28	68.56	49.19
	b) Expressway Pavement, Marking ect.	20.19	11.74	4.83	3.62
	c) Reconstruction of At-grade Road				
	d) Total	294.22	168.02	73.39	52.81
5. From EDSA To C-5 L = 3.600 km (4+700 to 8+300)	a) Expressway Structure	1,032.79	533.47	334.83	164.49
	b) Expressway Pavement, Marking ect.	54.49	31.61	13.08	9.80
	c) Reconstruction of At-grade Road	143.01	74.11	46.09	22.81
	d) Total	1,230.29	639.19	394.00	197.10
6. From C-5 To Bicutan L = 2.810 km (8+300 to 11+110)	a) Expressway Structure	747.67	389.82	237.41	120.44
	b) Expressway Pavement, Marking ect.	54.23	31.46	12.93	9.84
	c) Reconstruction of At-grade Road				
	d) Total	801.90	421.28	250.34	130.28
7. Bicutan Access Ramp 0.72 + 0.55 = 1.27 km	a) Expressway Structure	114.95	60.44	35.78	18.73
	b) Expressway Pavement, Marking ect.	14.17	8.34	3.29	2.54
	c) Reconstruction of At-grade Road				
	d) Total	129.12	68.78	39.07	21.27
8. From Bicutan To Sucat L = 3.460 km (11+110 to 14+570)	a) Expressway Structure	951.08	495.14	303.16	152.78
	b) Expressway Pavement, Marking ect.	58.63	34.20	13.80	10.63
	c) Reconstruction of At-grade Road	87.60	47.00	25.93	14.67
	d) Total	1,097.31	576.34	342.89	178.08
9. Sucat Access Ramp 0.94 + 0.68 = 1.62 km	a) Expressway Structure	119.87	62.70	37.80	19.37
	b) Expressway Pavement, Marking ect.	15.25	8.95	3.57	2.73
	c) Reconstruction of At-grade Road				
	d) Total	135.12	71.65	41.37	22.10
10. From Sucat To Alabang L = 3.815 km (14+570 to 18+385)	a) Expressway Structure	1,202.40	625.25	384.38	192.77
	b) Expressway Pavement, Marking ect.	99.07	58.42	22.73	17.92
	c) Reconstruction of At-grade Road	88.77	47.63	26.15	14.99
	d) Total	1,390.24	731.30	433.26	225.68
11. Alabang Access Ramp 0.59 + 1.26 = 1.85 km	a) Expressway Structure	180.53	94.68	56.57	29.28
	b) Expressway Pavement, Marking ect.	8.99	5.05	2.34	1.60
	c) Reconstruction of At-grade Road	15.65	8.23	4.72	2.70
	d) Total	205.17	107.96	63.63	33.58
12. From Alabang To SLE L = 1.815 km (18+385 to 20+200)	a) Expressway Structure	463.13	241.42	146.89	74.82
	b) Expressway Pavement, Marking ect.	30.13	17.59	7.08	5.46
	c) Reconstruction of At-grade Road	15.44	8.17	4.54	2.73
	d) Total	508.70	267.18	158.51	83.01
TOTAL	a) Expressway Structure	7,072.85	3,697.56	2,228.85	1,146.44
	b) Expressway Pavement, Marking ect.	488.72	284.91	115.54	88.27
	c) Reconstruction of At-grade Road	436.02	230.99	132.61	72.42
	d) Total	7,997.59	4,213.46	2,477.00	1,307.13

EXPRESSWAY R - 4

SECTION		Cost (Million Pesos)	Component (Million Pesos)		Tax
			Foreign	Local	
1. From C-3 I/C To Pasig River L = 0.060 km (0+260 to 0+320)	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.	1.26	0.66	0.38	0.22
	c) Reconstruction of At-grade Road	1.26	0.66	0.38	0.22
	d) Total	122.57	65.23	36.79	20.55
2. Pasig River Bridge (1) L = 0.160 km (0+320 to 0+480)	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.	122.57	65.23	36.79	20.55
	c) Reconstruction of At-grade Road				
	d) Total	122.57	65.23	36.79	20.55
3. From Pasig River To Pasig River L = 0.300 km (0+480 to 0+780)	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.	1.55	0.81	0.47	0.27
	c) Reconstruction of At-grade Road	1.55	0.81	0.47	0.27
	d) Total	98.72	52.59	29.59	16.54
4. Pasig River Bridge (2) L = 0.135 km (0+780 to 0+915)	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.	98.72	52.59	29.59	16.54
	c) Reconstruction of At-grade Road				
	d) Total	98.72	52.59	29.59	16.54
5. From Pasig River To Makati Access I/C L = 1.405 km (0+915 to 2+320)	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.	594.93	311.04	186.48	97.40
	c) Reconstruction of At-grade Road	36.35	21.15	8.61	6.59
	d) Total	653.57	343.82	201.87	107.88
6. Makati Access I/C L = 0.270 km (2+320 to 2+590)	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.	0.00	0.00	0.00	0.00
	c) Reconstruction of At-grade Road				
	d) Total	0.00	0.00	0.00	0.00
7. Makati Access Ramp 0.90 + 0.55 = 1.45 km	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.	418.63	218.80	131.60	68.23
	c) Reconstruction of At-grade Road	31.06	18.22	7.24	5.60
	d) Total	465.09	245.29	143.36	76.44
8. TOTAL	a) Expressway Structure	1,234.85	647.66	384.47	202.72
	b) Expressway Pavement, Marking ect.	67.41	39.37	15.85	12.19
	c) Reconstruction of At-grade Road	40.50	21.37	12.14	6.99
	d) Total	1,342.76	708.40	412.46	221.90
9.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
10.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
11.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
12.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				

EXPRESSWAY R - 7

		SECTION	Cost (Million Pesos)	Foreign			Local			Tax
				Foreign	Local	Tax	Foreign	Local	Tax	
1.	From Welcome Rotonda To C-3 I/C L = 1.090 km (-1-200 to 0-110)	a) Expressway Structure	137.87	71.86	43.78	22.23				
		b) Expressway Pavement, Marking ect.	18.28	10.73	4.25	3.30				
		c) Reconstruction of At-grade Road	7.90	4.23	2.30	1.37				
		d) Total	164.05	86.82	50.33	26.90				
2.	From C-3 I/C To EDSA L = 2.880 km (0+250 to 3+130)	a) Expressway Structure	904.50	470.96	288.08	145.46				
		b) Expressway Pavement, Marking ect.	72.65	42.26	17.25	13.14				
		c) Reconstruction of At-grade Road	31.88	17.13	9.33	5.42				
		d) Total	1,009.03	530.35	314.66	164.02				
3.	From EDSA To QMC L = 0.620 km (3+130 to 3+750)	a) Expressway Structure	203.38	105.61	65.18	32.59				
		b) Expressway Pavement, Marking ect.	11.82	6.74	2.94	2.14				
		c) Reconstruction of At-grade Road	11.17	6.00	3.30	1.87				
		d) Total	226.37	118.35	71.42	36.60				
4.	QMC Underpass L = 1.540 km (3+750 to 5+290)	a) Expressway Structure	585.69	297.31	202.07	86.31				
		b) Expressway Pavement, Marking ect.	30.08	17.71	7.06	5.31				
		c) Reconstruction of At-grade Road								
		d) Total	615.77	315.02	209.13	91.62				
5.	From QMC To C-5 L = 2.128 km (5+290 to 7+418)	a) Expressway Structure	328.71	172.82	102.04	53.85				
		b) Expressway Pavement, Marking ect.	43.40	25.22	10.43	7.75				
		c) Reconstruction of At-grade Road	64.88	34.01	19.49	11.38				
		d) Total	436.99	232.05	131.96	72.98				
6.	C-5 I/C L = 0.362 km (7+418 to 7+780)	a) Expressway Structure	168.19	86.12	55.79	26.28				
		b) Expressway Pavement, Marking ect.								
		c) Reconstruction of At-grade Road								
		d) Total	168.19	86.12	55.79	26.28				
7.	C-5 I/C To END L = 3.270 km (7+780 to 11+050)	a) Expressway Structure	441.41	231.95	136.95	72.51				
		b) Expressway Pavement, Marking ect.	76.28	44.68	17.98	13.62				
		c) Reconstruction of At-grade Road	93.26	48.89	28.01	16.36				
		d) Total	610.95	325.52	182.94	102.49				
8.	TOTAL	a) Expressway Structure	2,769.75	1,436.63	893.89	439.23				
		b) Expressway Pavement, Marking ect.	252.51	147.34	59.91	45.26				
		c) Reconstruction of At-grade Road	209.09	110.26	62.43	36.40				
		d) Total	3,231.35	1,694.23	1,016.23	520.89				
9.										
10.		a) Expressway Structure								
		b) Expressway Pavement, Marking ect.								
		c) Reconstruction of At-grade Road								
		d) Total								
11.		a) Expressway Structure								
		b) Expressway Pavement, Marking ect.								
		c) Reconstruction of At-grade Road								
		d) Total								
12.		a) Expressway Structure								
		b) Expressway Pavement, Marking ect.								
		c) Reconstruction of At-grade Road								
		d) Total								

EXPRESSWAY R - 9

SECTION		Cost (Million Pesos)	Component (Million Pesos)		
			Foreign	Local	Tax
1. From C-31/C To END (including EDSA Ramp) L = 4.110 km (0+400 to 4+510)	a) Expressway Structure	1,332.76	691.78	427.87	213.11
	b) Expressway Pavement, Marking ect.	108.95	63.86	25.39	19.70
	c) Reconstruction of At-grade Road	55.92	25.97	16.23	9.72
	d) Total	1,497.63	785.61	469.49	242.53
2.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
3.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
4.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
5.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
6.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
7.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
8.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
9.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
10.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
11.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
12.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				

EXPRESSWAY R - 10

SECTION		Cost (Million Pesos)	Component (Million Pesos)		
			Foreign	Local	Tax
1. From C-31/C To Matorones Avenue L = 3.180 km (0+120 to 3+300)	a) Expressway Structure	1,070.71	558.69	337.42	174.60
	b) Expressway Pavement, Marking ect.	73.73	48.26	17.13	13.34
	c) Reconstruction of At-grade Road	70.50	38.30	20.37	11.83
	d) Total	1,214.94	640.25	374.92	199.77
2.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
3.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
4.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
5.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
6.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
7.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
8.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
9.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
10.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
11.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				
12.	a) Expressway Structure				
	b) Expressway Pavement, Marking ect.				
	c) Reconstruction of At-grade Road				
	d) Total				

**B. CONSTRUCTION COST OF EXPRESSWAY STRUCTURES**



Expressway Route : C - 3  
SECTION : From R - 3 I/C To R - 4 I/C

L = km.

I T E M	UNIT	QUANTITY	Component (%)			Cost			Total
			F	L	T	Foreign	Local	Tax	
<b>Superstructure</b>									
4-lane 30 m	span	27	53.10	30.30	16.60	78.14	44.59	24.43	147.15
4-lane 35 m	span	1	53.10	30.30	16.60	3.66	2.09	1.15	6.90
2-lane 30 m	span	58	53.20	30.10	16.70	87.63	49.58	27.51	164.72
2-lane 35 m	span	4	53.20	30.10	16.70	7.62	4.31	2.39	14.32
1-lane 30 m	span	28	53.80	29.30	16.90	29.07	15.83	9.13	54.04
1-lane 35 m	span	1	53.80	29.30	16.90	1.32	0.72	0.42	2.46
<b>Substructure</b>									
Center Ramp, 30 m Pile = 15 m	each	6	51.00	33.50	15.50	15.91	10.45	4.84	31.20
4-lane, 2-column, 2nd, 30 m Pile = 15 m	each	9	51.00	33.00	16.00	17.17	11.11	5.39	33.66
4-lane, 1-column, 2nd, 30 m Pile = 15 m	each	7	51.00	33.00	16.00	12.82	8.29	4.02	25.13
4-lane, 1-column, 2nd, 35 m Pile = 15 m	each	3	51.00	33.00	16.00	6.07	3.93	1.91	11.91
4-lane, 1-column, 3rd, 30 m Pile = 15 m	each	15	51.00	33.50	15.50	42.76	28.09	13.00	83.85
4-lane, 1-column, 3rd, 35 m Pile = 15 m	each	2	51.00	33.50	15.50	6.84	4.50	2.08	13.42
1-lane, 1-column, 2nd, 30 m Pile = 15 m	each	25	51.00	33.00	16.00	14.03	9.08	4.40	27.50
2-lane, 1-column, 2nd, 30 m Pile = 15 m	each	3	51.00	33.00	16.00	2.45	1.58	0.77	4.80
1-lane, Abutment Pile = 15 m	each	3	51.00	33.00	16.00	1.03	0.66	0.32	2.01
1-lane, Approach (H = 4 m) Pile = 15 m	each	3	51.00	33.00	16.00	14.21	9.20	4.46	27.87
4-lane, 2-column, 3rd, 30 m Pile = 15 m	each	7	51.00	33.00	16.00	23.38	15.13	7.34	45.85
2-lane, 2-column, 3rd, 30 m Pile = 15 m	each	14	51.00	33.00	16.00	30.49	19.73	9.56	59.78
<b>T O T A L</b>									
						394.61	238.87	123.09	756.57

Expressway Route : C - 3  
SECTION : From R-4 I/C to R-6 I/C

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	5	53.10	30.30	16.60	14.47	8.26	4.52	27.25
4-lane 35 m	span	6.90	4	53.10	30.30	16.60	14.66	8.36	4.58	27.60
2-lane-30 m	span	2.84	75	53.20	30.10	16.70	113.32	64.11	35.57	213.00
2-lane 35 m	span	3.58	4	53.20	30.10	16.70	7.62	4.31	2.39	14.32
1-lane 30 m	span	1.93	10	53.80	29.30	16.90	10.38	5.65	3.26	19.30
1-lane 35 m	span	2.46	2	53.80	29.30	16.90	2.65	1.44	0.83	4.92
3-lane 30 m	span	3.68	10	53.10	30.30	16.60	19.54	11.15	6.11	36.80
<b>Substructure</b>										
4-lane, 2-column, 3rd, 35 m Pile = 20 m	each	8.98	8	51.00	33.00	16.00	36.64	23.71	11.49	71.84
1-lane, 1-column, 3rd, 35 m Pile = 20 m	each	2.56	2	51.00	33.50	15.50	2.60	1.71	0.79	5.10
2-lane + 2-lane, Special Type, 30 m Pile = 15 m	each	8.78	12	51.00	33.00	16.00	53.73	34.77	16.86	105.36
Double Deck, 30 m Pile = 15 m	each	6.43	12	51.00	33.50	15.50	39.35	25.85	11.96	77.16
Double Deck, 35 m Pile = 15 m	each	7.71	3	51.00	33.50	15.50	11.80	7.75	3.59	23.13
2-lane, 1-column, 2nd, 30 m Pile = 15 m	each	1.60	3	51.00	33.00	16.00	2.45	1.58	0.77	4.80
1-lane, 1-column, 2nd, 30 m Pile = 15 m	each	1.10	4	51.00	33.00	16.00	2.24	1.45	0.70	4.40
1-lane, Abutment Pile = 15 m	each	0.67	1	51.00	33.00	16.00	0.34	0.22	0.11	0.67
1-lane, Approach (H = 4m m) Pile = 15 m	each	9.29	1	51.00	33.00	16.00	4.74	3.07	1.49	9.29
3-lane, 2-column, Double Deck, 30 m Spread	each	4.77	15	50.00	35.00	15.00	35.78	25.04	10.73	71.55
<b>T O T A L</b>										
							372.30	228.44	115.76	716.49

Expressway Route : C - 3  
SECTION : From R - 6 I/C To R - 7 I/C

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			Total
				F	L	T	Foreign	Local	Tax	
<b>Superstructure</b>										
4-lane 30 m	span	5.45	7	53.10	30.30	16.60	20.26	11.56	6.33	38.15
2-lane 30 m	span	2.84	132	53.20	30.10	16.70	199.44	112.84	62.60	374.88
2-lane 35 m	span	3.58	4	53.20	30.10	16.70	7.62	4.31	2.39	14.32
2-lane 40 m	span	4.29	4	53.20	30.10	16.70	9.13	5.17	2.87	17.16
1-lane 30 m	span	1.93	22	53.80	29.30	16.90	22.84	12.44	7.18	42.46
<b>Substructure</b>										
2-lane + 2-lane, 1-column, 2nd, 30 m Spread	each	4.25	9	50.00	35.00	15.00	19.13	13.39	5.74	38.25
2-lane + 2-lane, 1-column, 2nd 35 m Spread	each	5.10	3	50.00	35.00	15.00	7.65	5.36	2.30	15.30
2-lane + 2-lane, 2-column, 2nd, 30 m Spread	each	2.49	31	50.00	35.00	15.00	38.60	27.02	11.58	77.19
Center Ramp, 2nd, 30 m, Spread	each	3.78	10	50.00	35.00	15.00	18.90	13.23	5.67	37.80
1-lane, Abutment, Spread	each	0.41	3	50.00	35.00	15.00	0.62	0.43	0.18	1.23
1-lane, Approach, Spread	each	9.29	3	50.00	35.00	15.00	13.94	9.75	4.18	27.87
2-lane + 2-lane, 2-column, 3rd, 30 m, Spread	each	3.77	14	50.00	35.00	15.00	26.39	18.47	7.92	52.78
2-lane + 2-lane, 2-column, 3rd, 35 m, Spread	each	4.53	3	50.00	35.00	15.00	6.80	4.76	2.04	13.59
4-lane, 1-column, 2nd, 30 m, Spread	each	2.53	6	50.00	35.00	15.00	7.59	5.31	2.28	15.18
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	3	50.00	35.00	15.00	1.11	0.78	0.33	2.22
<b>T O T A L</b>										
							399.99	244.81	123.58	768.38

Expressway Route : C - 3  
SECTION : From R - 7 1/2 To R - 9 1/2

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	39	53.10	30.30	16.60	112.86	64.40	35.28	212.55
4-lane 35 m	span	6.90	4	53.10	30.30	16.60	14.66	8.36	4.58	27.60
2-lane 30 m	span	2.84	88	53.20	30.10	16.70	132.96	75.23	41.74	249.92
2-lane 35 m	span	3.58	10	53.20	30.10	16.70	19.05	10.78	5.98	35.80
1-lane 30 m	span	1.93	14	53.80	29.30	16.90	14.54	7.92	4.57	27.02
1-lane 35 m	span	2.46	2	53.80	29.30	16.90	2.65	1.44	0.83	4.92
<b>Substructure</b>										
4-lane/2-lane+2-lane, 2-column, 2nd, 30 m Spread	each	2.49	40	50.00	35.00	15.00	49.80	34.86	14.94	99.60
4-lane/2-lane+2-lane, 2-column, 2nd, 35 m, Spread	each	2.99	10	50.00	35.00	15.00	14.95	10.47	4.49	29.90
Center Ramp, 2nd, 30 m, Spread	each	3.78	8	50.00	35.00	15.00	15.12	10.58	4.54	30.24
1-lane, Abutment, Spread	each	0.41	2	50.00	35.00	15.00	0.41	0.29	0.12	0.82
1-lane, Approach, (H = 4 m) Spread	each	9.29	2	50.00	35.00	15.00	9.29	6.50	2.79	18.58
4-lane, 1-column, 2nd, 30 m, Spread	each	2.53	13	50.00	35.00	15.00	16.45	11.51	4.93	32.89
2-lane+2-lane, 1-column, 2nd, 30 m, Spread	each	4.25	12	50.00	35.00	15.00	25.50	17.85	7.65	51.00
2-lane+2-lane, 1-column, 3rd, 30 m, Spread	each	6.63	7	50.00	35.00	15.00	23.21	16.24	6.96	46.41
2-lane+2-lane, 1-column, 3rd, 35 m, Spread	each	7.96	2	50.00	35.00	15.00	7.96	5.57	2.39	15.92
1-lane, 1-column, 3rd, 35 m, Spread	each	1.70	2	50.00	35.00	15.00	1.70	1.19	0.51	3.40
<b>T O T A L</b>										
							461.09	283.19	142.29	886.57

Expressway Route : C - 3  
SECTION : From R-9 I/C To R-10 (A) I/C

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	32	53.10	30.30	16.60	92.61	52.84	28.95	174.40
4-lane 35 m	span	6.90	1	53.10	30.30	16.60	3.66	2.09	1.15	6.90
2-lane 30 m	span	2.84	38	53.20	30.10	16.70	57.41	32.48	18.02	107.92
1-lane 30 m	span	1.93	17	53.80	29.30	16.90	17.65	9.61	5.54	32.81
<b>Substructure</b>										
2-lane + 2-lane, 1-column, 3rd, 30 m, Spread	each	6.63	6	50.00	35.00	15.00	19.89	13.92	5.97	39.78
2-lane + 2-lane, 2-column, 2nd, 30 m, Spread	each	2.59	9	50.00	35.00	15.00	11.66	8.16	3.50	23.31
2-lane + 2-lane, Center Ramp, 30 m, Spread	each	3.78	4	50.00	35.00	15.00	7.56	5.29	2.27	15.12
1-lane, Abutment, Spread	each	0.41	1	50.00	35.00	15.00	0.21	0.14	0.06	0.41
1-lane, Approach, (H = 4 m), Spread	each	9.29	1	50.00	35.00	15.00	4.65	3.25	1.39	9.29
4-lane, 1-column, 2nd, 30 m, Spread	each	2.53	12	50.00	35.00	15.00	15.18	10.63	4.55	30.36
4-lane, 1-column, 3rd, 30 m, Spread	each	4.17	18	50.00	35.00	15.00	37.53	26.27	11.26	75.06
4-lane, 1-column, 3rd, 35 m, Spread	each	5.00	2	50.00	35.00	15.00	5.00	3.50	1.50	10.00
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	6	50.00	35.00	15.00	2.22	1.55	0.67	4.44
1-lane, 1-column, 3rd, 30 m, Spread	each	1.42	11	50.00	35.00	15.00	7.81	5.47	2.34	15.62
<b>T O T A L</b>										
							283.03	175.22	87.17	545.42

Expressway Route : C - 3  
SECTION : From R - 10 (A) I/C To R - 10 I/C

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	37	53.10	30.30	16.60	107.08	61.10	33.47	201.65
4-lane 35 m	span	6.90	1	53.10	30.30	16.60	3.66	2.09	1.15	6.90
2-lane 30 m	span	2.84	58	53.20	30.10	16.70	87.63	49.58	27.51	164.72
2-lane 35 m	span	3.58	4	53.20	30.10	16.70	7.62	4.31	2.39	14.32
1-lane 30 m	span	1.93	23	53.80	29.30	16.90	23.88	13.01	7.50	44.39
<b>Substructure</b>										
4-lane, 1-column, 2nd, 30 m, Spread	each	2.53	4	50.00	35.00	15.00	5.06	3.54	1.52	10.12
4-lane, 1-column, 2nd, 35 m, Spread	each	3.03	1	50.00	35.00	15.00	1.52	1.06	0.45	3.03
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	2	50.00	35.00	15.00	0.74	0.52	0.22	1.48
1-lane, 1-column, 2nd, 35 m, Spread	each	0.89	1	50.00	35.00	15.00	0.45	0.31	0.13	0.89
1-lane, 1-column, 3rd, 30 m, Spread	each	1.42	5	50.00	35.00	15.00	3.55	2.49	1.07	7.10
1-lane, 1-column, 3rd, 35 m, Spread	each	1.70	1	50.00	35.00	15.00	0.85	0.60	0.26	1.70
4-lane, 2-column, 2nd, 30 m, Spread	each	2.49	21	50.00	35.00	15.00	26.15	18.30	7.84	52.29
4-lane, 2-column, 2nd, 35 m, Spread	each	2.99	3	50.00	35.00	15.00	4.49	3.14	1.35	8.97
Center Ramp, 2nd, 30 m, Spread	each	3.78	8	50.00	35.00	15.00	15.12	10.58	4.54	30.24
1-lane, Abutment, Spread	each	0.41	2	50.00	35.00	15.00	0.41	0.29	0.12	0.82
1-lane, Approach (H = 4 m) Spread	each	9.29	2	50.00	35.00	15.00	9.29	6.50	2.79	18.58
4-lane, 1-column, 2nd, 30 m Pile = 20 m	each	3.95	29	51.00	33.00	16.00	58.42	37.80	18.33	114.55
4-lane, 2-column, 3rd, 30 m Pile = 20 m	each	7.48	3	51.00	33.00	16.00	11.44	7.41	3.59	22.44
1-lane, 1-column, 2nd, 30 m Pile = 20 m	each	1.22	19	51.00	33.00	16.00	11.82	7.65	3.71	23.18
<b>T O T A L</b>										
							379.17	230.27	117.93	727.37

Expressway Route : R - 3  
SECTION : From C - 3 I/C To Buendia

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	14	53.10	30.30	16.60	40.52	23.12	12.67	76.30
4-lane 35 m	span	6.90	3	53.10	30.30	16.60	10.99	6.27	3.44	20.70
2-lane 30 m	span	2.84	104	53.20	30.10	16.70	157.13	88.90	49.33	295.36
2-lane 35 m	span	3.58	2	53.20	30.10	16.70	3.81	2.16	1.20	7.16
1-lane 30 m	span	1.93	30	53.80	29.30	16.90	31.15	16.96	9.79	57.90
1-lane 35 m	span	2.46	2	53.20	30.10	16.70	2.62	1.48	0.82	4.92
<b>Substructure</b>										
1-lane, 1-column, 2nd, 30 m Pile = 15 m	each	1.10	7	51.00	33.00	16.00	3.93	2.54	1.23	7.70
1-lane, 1-column, 2nd, 35 m Pile 15 m	each	1.32	2	51.00	33.00	16.00	1.35	0.87	0.42	2.64
2-lane + 2-lane, 2-column, 2nd, 30 m Pile = 15 m	each	3.74	30	51.00	33.00	16.00	57.22	37.03	17.95	112.20
2-lane + 2-lane, Center Ramp, 30 m Pile = 15 m	each	5.20	11	51.00	33.50	15.50	29.17	19.16	8.87	57.20
1-lane, Abutment, Pile = 15 m	each	0.67	1	51.00	33.00	16.00	0.34	0.22	0.11	0.67
1-lane, Approach (H = 4.0 m) Pile = 15 m	each	9.29	1	51.00	33.00	16.00	4.74	3.07	1.49	9.29
4-lane, 2-column, 3rd, 30 m Pile = 15 m	each	6.55	9	51.00	33.50	15.50	30.06	19.75	9.14	58.95
4-lane, 2-column, 3rd, PNR, 30 m Pile = 15 m	each	6.55	10	51.00	33.00	16.00	33.41	21.62	10.48	65.50
4-lane, 2-column, 3rd, PNR, 35 m Pile = 15 m	each	7.86	4	51.00	33.00	16.00	16.03	10.38	5.03	31.44
2-lane + 2-lane, 2-column, 2nd, 35 m, Pile = 15 m	each	4.49	2	51.00	33.00	16.00	4.58	2.96	1.44	8.98
<b>T O T A L</b>										
							427.05	256.48	133.38	816.91

Expressway Route : R - 3  
SECTION : From Buendia To ED SA

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	23	53.10	30.30	16.60	66.56	37.98	20.81	125.35
4-lane 35 m	span	6.90	1	53.10	30.30	16.60	3.66	2.09	1.15	6.90
4-lane 40 m	span	8.26	4	53.10	30.30	16.60	17.54	10.01	5.48	33.04
2-lane 30 m	span	2.84	88	53.20	30.10	16.70	132.96	75.23	41.74	249.92
2-lane 35 m	span	3.58	4	53.20	30.10	16.70	7.62	4.31	2.39	14.32
1-lane 30 m	span	1.93	36	53.80	29.30	16.90	37.38	20.36	11.74	69.48
<b>Substructure</b>										
4-lane +1-lane, 2-column, Special, 30 Pile = 10 m	each	8.93	1	51.00	33.00	16.00	4.55	2.95	1.43	8.93
4-lane +1-lane, 2-column, Special, 30 Pile = 10 m	each	7.98	1	51.00	33.00	16.00	4.07	2.63	1.28	7.98
4-lane, 2-column, 3rd, PNR, 30 m Pile = 10 m	each	5.63	17	51.00	33.00	16.00	48.81	31.58	15.31	95.71
1-lane, 1-column, 3rd, 30 m Pile = 10 m	each	1.77	20	51.00	33.50	15.50	18.05	11.86	5.49	35.40
2-lane +2-lane, 2-column, 3rd, 30 m Pile = 10 m	each	5.77	6	51.00	33.00	16.00	17.66	11.42	5.54	34.62
2-lane +2-lane, 2-column, 3rd, 35 m Pile = 10 m	each	6.93	3	51.00	33.00	16.00	10.60	6.86	3.33	20.79
2-lane +2-lane, 2-column, 2nd, 30 m, Pile = 10 m	each	3.36	22	51.00	33.00	16.00	37.70	24.39	11.83	73.92
2-lane +2-lane, Center Ramp, 30 m Pile = 10 m	each	4.73	11	51.00	33.50	15.50	26.54	17.43	8.06	52.03
2-lane +2-lane, 2-column, 3rd, PNR, 35 m, Pile = 10 m	each	6.75	4	51.00	33.00	16.00	13.77	8.91	4.32	27.00
4-lane, 2-column 4th, 30 m Pile = 10 m	each	8.45	3	51.00	33.00	16.00	12.93	8.37	4.06	25.35
4-lane, 2-column, 4th, 40 m Pile = 10 m	each	11.82	6	51.00	33.00	16.00	36.17	23.40	11.35	70.92
<b>T O T A L</b>										
							496.58	299.79	155.30	951.66

Expressway Route : R - 3  
SECTION : From EDSA To C - 5

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	82	53.10	30.30	16.60	237.30	135.41	74.19	446.90
4-lane 40 m	span	8.26	1	53.10	30.30	16.60	4.39	2.50	1.37	8.26
<b>Substructure</b>										
4-lane, 2-column, 4th, PNR, 30 m Pile = 10 m	each	8.45	8	51.00	33.00	16.00	34.48	22.31	10.82	67.60
4-lane, 2-column, 3rd, PNR, 30 m, Spread	each	3.77	66	50.00	35.00	15.00	124.41	87.09	37.32	248.82
4-lane, 2-column, 3rd, PNR, 30 m, Spread	each	3.77	6	50.00	35.00	15.00	11.31	7.92	3.39	22.62
4-lane, 2-column, 3rd, PNR, 40 m, Spread	each	5.28	2	50.00	35.00	15.00	5.28	3.70	1.58	10.56
4-lane, Abutment, Spread	each	2.40	1	50.00	35.00	15.00	1.20	0.84	0.36	2.40
<b>T O T A L</b>										
							418.37	259.76	129.03	807.16





Expressway Route : R - 3  
SECTION : From Suicat I/C To Alabang I/C

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	124	53.10	30.30	16.60	358.85	204.77	112.18	675.80
4-lane 35 m	span	6.90	2	53.10	30.30	16.60	7.33	4.18	2.29	13.80
4-lane 40 m	span	8.26	1	53.10	30.30	16.60	4.39	2.50	1.37	8.26
<b>Substructure</b>										
4-lane, 1-column, 2nd, 30 m, Spread	each	2.53	59	50.00	35.00	15.00	74.64	52.24	22.39	149.27
4-lane, 1-column, 3rd, 30 m, Spread	each	4.17	17	50.00	35.00	15.00	35.45	24.81	10.63	70.89
4-lane, 1-column, 3rd, 35 m, Spread	each	5.00	2	50.00	35.00	15.00	5.00	3.50	1.50	10.00
4-lane, 1-column 3rd, 40 m, Spread	each	5.83	2	50.00	35.00	15.00	5.83	4.08	1.75	11.66
4-lane, 1-column, 2nd, 30 m, Pile = 10 m	each	3.24	45	50.00	35.00	15.00	72.90	51.03	21.87	145.80
4-lane + Ramp, Double Deck, 30 m Pile = 10 m	each	5.95	2	50.00	35.00	15.00	5.95	4.17	1.79	11.90
<b>T O T A L</b>										
							570.32	351.28	175.77	1097.38



Expressway Route : R - 4  
SECTION : From

To

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	51	53.10	30.30	16.60	147.59	84.22	46.14	277.95
4-lane 35 m	span	6.90	5	53.10	30.30	16.60	18.32	10.45	5.73	34.50
2-lane 30 m	span	2.84	4	53.20	30.10	16.70	6.04	3.42	1.90	11.36
1-lane 30 m	span	1.93	15	53.80	29.30	16.90	15.58	8.48	4.89	28.95
<b>Substructure</b>										
2-lane +2-lane, 1-column, 2nd, 30 m, Pile = 20 m	each	6.26	1	51.00	33.00	16.00	3.19	2.07	1.00	6.26
4-lane, 1-column, 2nd, 30 m, Pile = 20 m	each	3.95	17	51.00	33.00	16.00	34.25	22.16	10.74	67.15
4-lane, 1-column, 2nd, 30 m, Pile = 20 m	each	3.95	30	51.00	33.00	16.00	60.44	39.11	18.96	118.50
4-lane, 1-column, 2nd, 35 m, Pile = 20 m	each	4.74	7	51.00	33.00	16.00	16.92	10.95	5.31	33.18
1-lane, 1-column, 2nd, 30 m, Pile = 20 m	each	1.22	14	51.00	33.00	16.00	8.71	5.64	2.73	17.08
<b>T O T A L</b>										
							311.04	186.49	97.40	594.93



Expressway Route : R - 7  
SECTION : From C - 31/C To ED5A

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	34	53.10	30.30	16.60	98.39	56.15	30.76	185.30
4-lane 35 m	span	6.90	3	53.10	30.30	16.60	10.99	6.27	3.44	20.70
2-lane 30 m	span	2.84	106	53.20	30.10	16.70	160.15	90.61	50.27	301.04
2-lane 35 m	span	3.58	10	53.20	30.10	16.70	19.05	10.78	5.98	35.80
1-lane 30 m	span	1.93	21	53.80	29.30	16.90	21.81	11.88	6.85	40.53
<b>Substructure</b>										
4-lane, 1-column, 2nd, 30 m, Spread	each	2.53	14	50.00	35.00	15.00	17.71	12.40	5.31	35.42
4-lane, 1-column, 2nd, 35 m, Spread	each	3.03	23	50.00	35.00	15.00	34.85	24.39	10.45	69.69
2-lane+2-lane, 2-column, 2nd, 30 m, Spread	each	2.59	37	50.00	35.00	15.00	47.92	33.54	14.37	95.83
2-lane+2-lane, 2-column, 2nd, 35 m, Spread	each	3.11	2	50.00	35.00	15.00	3.11	2.18	0.93	6.22
2-lane + 2-lane, Center Ramp, 30 m, Spread	each	3.78	12	50.00	35.00	15.00	22.68	15.88	6.80	45.36
1-lane, Abutment, Spread	each	0.41	3	50.00	35.00	15.00	0.62	0.43	0.18	1.23
1-lane, Approach (H = 4.0 m), Spread	each	9.29	3	50.00	35.00	15.00	13.94	9.75	4.18	27.87
2-lane + 2-lane, 2-column, 3rd, 30 m, Spread	each	4.82	2	50.00	35.00	15.00	4.82	3.37	1.45	9.64
2-lane + 2-lane, 2-column, 3rd, 35 m, Spread	each	5.78	4	50.00	35.00	15.00	11.56	8.09	3.47	23.12
2-lane + 2-lane, 2-column, 3rd, 40 m, Spread	each	6.75	1	50.00	35.00	15.00	3.38	2.36	1.01	6.75
<b>T O T A L</b>										
							470.96	288.08	145.47	904.50





Expressway Route : R - 7  
SECTION : From Quezon Memorial Circle To C-5 I/C

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
2-lane 30 m	span	2.84	54	53.20	30.10	16.70	81.59	46.16	25.61	153.36
2-lane 35 m	span	3.58	2	53.20	30.10	16.70	3.81	2.16	1.20	7.16
2-lane 40 m	span	4.29	2	53.20	30.10	16.70	4.56	2.58	1.43	8.58
1-lane 30 m	span	1.93	19	53.80	29.30	16.90	19.73	10.74	6.20	36.67
<b>Substructure</b>										
2-lane, 1-column, 2nd, 30 m, Spread	each	1.07	46	50.00	35.00	15.00	24.61	17.23	7.38	49.22
2-lane, 1-column, 2nd, 35 m, Spread	each	1.29	2	50.00	35.00	15.00	1.29	0.90	0.39	2.58
2-lane, 1-column, 2nd, 40 m, Spread	each	1.50	4	50.00	35.00	15.00	3.00	2.10	0.90	6.00
2-lane, Abutment, Spread	each	1.23	12	50.00	35.00	15.00	7.38	5.17	2.21	14.76
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	21	50.00	35.00	15.00	7.77	5.44	2.33	15.54
1-lane, Abutment, Spread	each	0.41	1	50.00	35.00	15.00	0.21	0.14	0.06	0.41
<b>T O T A L</b>										
							153.94	92.62	47.71	294.28





Expressway Route : R - 9  
SECTION : From C - 3 To End (Including EDSA Ramps)

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	87	53.10	30.30	16.60	251.77	143.67	78.71	474.15
4-lane 35 m	span	6.90	2	53.10	30.30	16.60	7.33	4.18	2.29	13.80
2-lane 30 m	span	2.84	84	53.20	30.10	16.70	126.91	71.81	39.84	238.56
1-lane 30 m	span	1.93	22	53.80	29.30	16.90	22.84	12.44	7.18	42.46
3-lane 30 m	span	3.68	9	53.10	30.30	16.60	17.59	10.04	5.50	33.12
<b>Substructure</b>										
Double Deck (2-lane), 30 m, Spread	each	4.83	22	50.00	35.00	15.00	53.13	37.19	15.94	106.26
Double Deck (3-lane), 30 m, Spread	each	5.64	1	50.00	35.00	15.00	2.82	1.97	0.85	5.64
2-lane +2-lane, 2-column, Double Deck, 30 m, Spread	each	4.77	6	50.00	35.00	15.00	14.31	10.02	4.29	28.62
2-lane +2-lane, 1-column, 30 m, Spread	each	4.25	12	50.00	35.00	15.00	25.50	17.85	7.65	51.00
2-lane +2-lane, 1-column, 35 m, Spread	each	5.10	1	50.00	35.00	15.00	2.55	1.79	0.77	5.10
4-lane, 1-column, 3rd, 30 m, Spread	each	4.17	25	50.00	35.00	15.00	52.13	36.49	15.64	104.25
4-lane, 1-column, 3rd, 35 m, Spread	each	5.00	3	50.00	35.00	15.00	7.50	5.25	2.25	15.00
4-lane, 1-column, 2nd, 30 m, Spread	each	2.53	60	50.00	35.00	15.00	75.90	53.13	22.77	151.80
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	18	50.00	35.00	15.00	6.66	4.66	2.00	13.32
3-lane, 1-column, 2nd, 30 m, Spread	each	1.59	10	50.00	35.00	15.00	7.95	5.57	2.39	15.90
1-lane, Abutment, Spread	each	0.41	2	50.00	35.00	15.00	0.41	0.29	0.12	0.82
1-lane, Approach, (H = 4.0 m), Spread	each	9.29	2	50.00	35.00	15.00	9.29	6.50	2.79	18.58
4-lane, Abutment, Spread	each	1.91	1	50.00	35.00	15.00	0.96	0.67	0.29	1.91
4-lane, Approach, (H = 4.0 m), Spread	each	12.47	1	50.00	35.00	15.00	6.24	4.36	1.87	12.47
<b>T O T A L</b>										
							691.78	427.87	213.11	1332.76

Interchange : C - 3 / R - 3

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
				L = km.						
<b>Superstructure</b>										
2-lane 30 m	span	2.84	16	53.20	30.10	16.70	24.17	13.68	7.59	45.44
2-lane 35 m	span	3.58	8	53.20	30.10	16.70	15.24	8.62	4.78	28.64
2-lane 40 m	span	4.29	2	53.20	30.10	16.70	4.56	2.58	1.43	8.58
1-lane 30 m	span	1.93	10	53.80	29.30	16.90	10.38	5.65	3.26	19.30
1-lane 35 m	span	2.46	6	53.80	29.30	16.90	7.94	4.32	2.49	14.76
1-lane 40 m	span	2.96	5	53.80	29.30	16.90	7.96	4.34	2.50	14.80
<b>Substructure</b>										
2-lane +2-lane, 2-column, 2nd, 30 m, Pile = 20 m	each	4.13	6	51.00	33.00	16.00	12.64	8.18	3.96	24.78
2-lane +2-lane, 2-column, 2nd, 35 m, Pile = 20 m	each	4.95	6	51.00	33.00	16.00	15.15	9.80	4.75	29.70
2-lane +2-lane, 2-column, 2nd, 40 m, Pile = 20 m	each	5.78	2	51.00	33.00	16.00	5.90	3.81	1.85	11.56
1-lane, 1-column, 3rd, 35 m, Pile = 20 m	each	2.55	2	51.00	33.50	15.50	2.60	1.71	0.79	5.10
1-lane, 1-column, 3rd, 40 m, Pile = 20 m	each	2.98	6	51.00	33.50	15.50	9.12	5.99	2.77	17.88
1-lane, 2-lane +2-lane, 2-column, 3rd, 35 m, Pile = 20 m	each	10.38	1	51.00	33.00	16.00	5.29	3.43	1.66	10.38
1-lane, 2-lane +2-lane, 2-column, 2nd, 40 m, Pile = 20 m	each	8.07	1	51.00	33.00	16.00	4.12	2.66	1.29	8.07
1-lane, 2-lane +2-lane, 2-column, 3rd, 40 m, Pile = 20 m	each	13.40	1	51.00	33.00	16.00	6.83	4.42	2.14	13.40
1-lane, 1-column, 2nd, 30 m, Pile = 20 m	each	1.22	10	51.00	33.00	16.00	6.22	4.03	1.95	12.20
1-lane, 1-column, 2nd, 35 m, Pile = 20 m	each	1.46	2	51.00	33.00	16.00	1.49	0.96	0.47	2.92
<b>T O T A L</b>										
							139.62	84.19	43.71	267.51

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
2-lane 30 m	span	2.84	30	53.20	30.10	16.70	45.33	25.65	14.23	85.20
1-lane 30 m	span	1.93	19	53.80	29.30	16.90	19.73	10.74	6.20	36.67
1-lane 35 m	span	2.46	7	53.80	29.30	16.90	9.26	5.05	2.91	17.22
1-lane 40 m	span	2.96	7	53.80	29.30	16.90	11.15	6.07	3.50	20.72
1-lane 30 m (Box)	span	2.70	4	53.80	29.30	16.90	5.81	3.16	1.83	10.80
1-lane 35 m (Box)	span	3.44	6	53.80	29.30	16.90	11.10	6.05	3.49	20.64
1-lane 40 m (Box)	span	4.14	3	53.80	29.30	16.90	6.68	3.64	2.10	12.42
<b>Substructure</b>										
2-lane + 1-lane, 2-column, 30 m, Pile = 20 m	each	5.27	21	51.00	33.00	16.00	56.44	36.52	17.71	110.67
2-lane, 1-column, 3rd, 30 m, Pile = 20 m	each	2.56	2	51.00	33.50	15.50	2.61	1.72	0.79	5.12
1-lane + 2-lane, 2-column, 30 m, Pile = 20 m	each	5.77	2	51.00	33.00	16.00	5.89	3.81	1.85	11.54
1-lane + 1-lane, 1-column, 2nd, 35 m, Pile = 20 m	each	5.26	3	51.00	33.00	16.00	8.05	5.21	2.52	15.78
1-lane, 1-column, 3rd, 35 m, Pile = 20 m	each	2.55	2	51.00	33.50	15.50	2.60	1.71	0.79	5.10
1-lane, 1-column, 3rd, 40 m, Pile = 20 m	each	2.98	2	51.00	33.50	15.50	3.04	2.00	0.92	5.96
1-lane, 1-column, 2nd, 35 m, Pile = 20 m	each	1.46	2	51.00	33.00	16.00	1.49	0.96	0.47	2.92
2-lane + 2-lane, 1-column, 2nd, 35 m, Pile = 20 m	each	7.52	1	51.00	33.00	16.00	3.84	2.48	1.20	7.52
1-lane + 1-lane, 1-column, 2nd, 40 m, Pile = 20 m	each	6.14	3	51.00	33.00	16.00	9.39	6.08	2.95	18.42
1-lane + 1-lane, 2-lane, 2-column, 30 m, Pile = 20 m	each	7.14	1	51.00	33.00	16.00	3.64	2.36	1.14	7.14
1-lane, Double Deck, 30 m, Pile = 20 m	each	4.53	1	51.00	33.50	15.50	2.31	1.52	0.70	4.53
<b>T O T A L</b>										
							208.36	124.71	65.30	398.37



Interchange : C - 3 / R - 7

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	17	53.10	30.30	16.60	49.20	28.07	15.38	92.65
4-lane 35 m	span	6.90	4	53.10	30.30	16.60	14.66	8.36	4.58	27.60
4-lane 40 m	span	8.26	2	53.10	30.30	16.60	8.77	5.01	2.74	16.52
2-lane 30 m	span	2.84	1	53.20	30.10	16.70	1.51	0.85	0.47	2.84
1-lane 30 m	span	1.93	17	53.80	29.30	16.90	17.65	9.61	5.54	32.81
1-lane 40 m	span	2.96	1	53.80	29.30	16.90	1.59	0.87	0.50	2.96
1-lane 30 m (Box)	span	2.70	22	53.80	29.30	16.90	31.96	17.40	10.04	59.40
<b>Substructure</b>										
4-lane, 1-column, 2nd, 30 m, Spread	each	2.53	9	50.00	35.00	16.00	11.39	7.97	3.64	22.77
4-lane, 1-column, 2nd, 35 m, Spread	each	3.03	3	50.00	35.00	16.00	4.55	3.18	1.45	9.09
4-lane, 1-column, 2nd, 40 m, Spread	each	3.54	2	50.00	35.00	16.00	3.54	2.48	1.13	7.08
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	30	50.00	35.00	16.00	11.10	7.77	3.55	22.20
1-lane, 1-column, 2nd, 35 m, Spread	each	0.89	3	50.00	35.00	16.00	1.34	0.93	0.43	2.67
1-lane, 1-column, 2nd, 40 m, Spread	each	1.04	2	50.00	35.00	16.00	1.04	0.73	0.33	2.08
4-lane, 1-column, 3rd, 30 m, Spread	each	4.17	7	50.00	35.00	16.00	14.60	10.22	4.67	29.19
4-lane, 1-column, 3rd, 35 m, Spread	each	5.00	2	50.00	35.00	16.00	5.00	3.50	1.60	10.00
4-lane, 1-column, 3rd, 40 m, Spread	each	5.83	2	50.00	35.00	16.00	5.83	4.08	1.87	11.66
2-lane, 1-column, 3rd, 30 m, Spread	each	1.67	1	50.00	35.00	16.00	0.84	0.58	0.27	1.67
1-lane, 1-column, 3rd, 30 m, Spread	each	1.42	22	50.00	35.00	16.00	15.62	10.93	5.00	31.24
<b>T O T A L</b>										
							200.16	122.56	63.21	384.43

Interchange : C - 3 / R - 9

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
2-lane 30 m	span	2.84	30	53.20	30.10	16.70	45.33	25.65	14.23	85.20
2-lane 35 m	span	3.58	2	53.20	30.10	16.70	3.81	2.16	1.20	7.16
1-lane 30 m	span	1.93	53	53.80	29.30	16.90	55.03	29.97	17.29	102.29
1-lane 35 m	span	2.46	2	53.80	29.30	16.90	2.65	1.44	0.83	4.92
1-lane 40 m	span	2.96	1	53.80	29.30	16.90	1.59	0.87	0.50	2.96
<b>Substructure</b>										
2-lane, Double Deck, 2nd, 30 m, Spread	each	4.83	6	50.00	35.00	15.00	14.49	10.14	4.35	28.98
2-lane, Double Deck, 2nd, 35 m, Spread	each	5.80	1	50.00	35.00	15.00	2.90	2.03	0.87	5.80
3-lane, Double Deck, 2nd, 30 m, Spread	each	5.64	4	50.00	35.00	15.00	11.28	7.90	3.38	22.56
2-lane + 1-lane, Double, 30 m, Spread	each	4.77	1	50.00	35.00	15.00	2.39	1.67	0.72	4.77
2-lane + 1-lane, Double, 35 m, Spread	each	5.72	1	50.00	35.00	15.00	2.86	2.00	0.86	5.72
2-lane, 2-lane, 2-column, 30 m, Spread	each	3.75	2	50.00	35.00	15.00	3.75	2.63	1.13	7.50
3-lane, 3-lane, 2-column, 30 m, Spread	each	4.77	2	50.00	35.00	15.00	4.77	3.34	1.43	9.54
1-lane, Double Deck, 2nd, 30 m, Spread	each	3.11	7	50.00	35.00	15.00	10.89	7.62	3.27	21.77
1-lane + 1-lane, 1-column, 2nd, 30 m, Spread	each	2.98	3	50.00	35.00	15.00	4.47	3.13	1.34	8.94
1-lane + 1-lane, 1-column, 2nd, 35 m, Spread	each	3.57	2	50.00	35.00	15.00	3.57	2.50	1.07	7.14
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	22	50.00	35.00	15.00	8.14	5.70	2.44	16.28
2-lane + 2-lane, 1-column, 2nd, 30 m, Spread	each	4.25	3	50.00	35.00	15.00	6.38	4.46	1.91	12.75
<b>T O T A L</b>										
							184.28	113.19	56.81	354.28



L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	5	53.10	30.30	16.60	14.47	8.26	4.52	27.25
4-lane 35 m	span	6.90	2	53.10	30.30	16.60	7.33	4.18	2.29	13.80
4-lane 40 m	span	8.26	1	53.10	30.30	16.60	4.39	2.50	1.37	8.26
<b>Substructure</b>										
4-lane, 1-column, 2nd, 30 m, Pile = 20 m	each	3.95	3	51.00	33.00	16.00	6.04	3.91	1.90	11.85
4-lane, 1-column, 2nd, 35 m, Pile = 20 m	each	4.74	2	51.00	33.00	16.00	4.83	3.13	1.52	9.48
1-lane, 4-lane, 2-column, 2nd, 35 m, Pile = 20 m	each	6.92	2	51.00	33.00	16.00	7.06	4.57	2.21	13.84
1-lane, 4-lane, 2-column, 2nd, 40 m, Pile = 20 m	each	8.07	2	51.00	33.00	16.00	8.23	5.33	2.58	16.14
<b>T O T A L</b>										
							52.35	31.87	16.40	100.62

Expressway Route : R - 10  
SECTION : From

To

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
4-lane 30 m	span	5.45	96	53.10	30.30	16.60	277.82	158.53	86.85	523.20
4-lane 40 m	span	8.26	2	53.10	30.30	16.60	8.77	5.01	2.74	16.52
2-lane 30 m	span	2.84	6	53.20	30.10	16.70	9.07	5.13	2.85	17.04
1-lane 30 m	span	1.93	17	53.80	29.30	16.90	17.65	9.61	5.54	32.81
<b>Substructure</b>										
4-lane, 2-column, 2nd, 30 m, Pile = 20 m	each	4.13	83	51.00	33.00	16.00	174.82	113.12	54.85	342.79
4-lane, 2-column, 3rd, 30 m, Pile = 20 m	each	6.73	11	51.00	33.50	15.50	37.76	24.80	11.47	74.03
1-lane, 1-column, 2nd, 30 m, Pile = 20 m	each	1.22	17	51.00	33.00	16.00	10.58	6.84	3.32	20.74
4-lane, 2-column, 2nd, 40 m, Pile = 20 m	each	5.78	3	51.00	33.00	16.00	8.84	5.72	2.77	17.34
2-lane, 1-column, 2nd, 30 m, Pile = 20 m	each	1.78	6	51.00	33.00	16.00	5.45	3.52	1.71	10.68
4-lane, Abutment, Pile = 20 m	each	3.09	1	51.00	33.00	16.00	1.58	1.02	0.49	3.09
4-lane, Approach (H = 4.0 m) Pile = 20 m	each	12.47	1	51.00	33.00	16.00	6.36	4.12	2.00	12.47
<b>T O T A L</b>										
							558.69	337.42	174.60	1070.71

RAMP : R - 3 / Bicutan

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
Superstructure										
1-lane 30 m	span	1.93	13	53.80	29.30	16.90	13.50	7.35	4.24	25.09
1-lane 35 m	span	2.46	3	53.80	29.30	16.90	3.97	2.16	1.25	7.38
1-lane 30 m (Box)	span	2.70	8	53.80	29.30	16.90	11.62	6.33	3.65	21.60
1-lane 35 m (Box)	span	3.44	7	53.80	29.30	16.90	12.96	7.06	4.07	24.08
Substructure										
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	21	50.00	35.00	15.00	7.77	5.44	2.33	15.54
1-lane, 1-column, 2nd, 35 m, Spread	each	0.89	2	50.00	35.00	15.00	0.89	0.62	0.27	1.78
1-lane, Abutment, 2nd, 30 m, Spread	each	0.41	1	50.00	35.00	15.00	0.21	0.14	0.06	0.41
1-lane, Abutment, 2nd, 35 m, Spread	each	0.49	1	50.00	35.00	15.00	0.25	0.17	0.07	0.49
1-lane, Approach (H = 4 m), Spread	each	9.29	2	50.00	35.00	15.00	9.29	6.50	2.79	18.58
TOTAL										
							60.44	35.78	18.73	114.95

RAMP : R - 3 / Sucat

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
1-lane 30 m.	span	1.93	23	53.80	29.30	16.90	23.88	13.01	7.50	44.39
1-lane 30 m (Box)	span	2.70	9	53.80	29.30	16.90	13.07	7.12	4.11	24.30
1-lane 40 m (Box)	span	4.14	1	53.80	29.30	16.90	2.23	1.21	0.70	4.14
<b>Substructure</b>										
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	22	50.00	35.00	15.00	8.14	5.70	2.44	16.28
1-lane, 1-column, 3rd, 30 m, Spread	each	1.42	8	50.00	35.00	15.00	5.68	3.98	1.70	11.36
1-lane, Abutment, 2nd, 30 m, Spread	each	0.41	2	50.00	35.00	15.00	0.41	0.29	0.12	0.82
1-lane, Approach (H = 4 m), Spread	each	9.29	2	50.00	35.00	15.00	9.29	6.50	2.79	18.58
<b>TOTAL</b>										
							62.70	37.80	19.36	119.87

RAMP : R - 3 / Alabang

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			Total
				F	L	T	Foreign	Local	Tax	
<b>Superstructure</b>										
1-lane 30 m	span	1.93	41	53.80	29.30	16.90	42.57	23.19	13.37	79.13
1-lane 35 m	span	2.46	5	53.80	29.30	16.90	6.62	3.60	2.08	12.30
1-lane 40 m (Box)	span	4.14	3	53.80	29.30	16.90	6.68	3.64	2.10	12.42
1-lane 30 m (Box)	span	2.70	2	53.80	29.30	16.90	2.91	1.58	0.91	5.40
1-lane 35 m (Box)	span	3.44	2	53.80	29.30	16.90	3.70	2.02	1.16	6.88
<b>Substructure</b>										
1-lane, 1-column, 2nd, 30 m, Spread	each	0.74	36	50.00	35.00	15.00	13.32	9.32	4.00	26.64
1-lane, 1-column, 2nd, 35 m, Spread	each	0.89	8	50.00	35.00	15.00	3.56	2.49	1.07	7.12
1-lane, 1-column, 2nd, 40 m, Spread	each	1.04	4	50.00	35.00	15.00	2.08	1.46	0.62	4.16
1-lane, 1-column, 3rd, 30 m, Spread	each	1.42	1	50.00	35.00	15.00	0.71	0.50	0.21	1.42
1-lane, 1-column, 3rd, 35 m, Spread	each	1.70	1	50.00	35.00	15.00	0.85	0.60	0.26	1.70
1-lane, 1-column, 3rd, 40 m, Spread	each	1.98	2	50.00	35.00	15.00	1.98	1.39	0.59	3.96
1-lane, Abutment, 30 m, Spread	each	0.41	2	50.00	35.00	15.00	0.41	0.29	0.12	0.82
1-lane, Approach (H = 4 m), Spread	each	9.29	2	50.00	35.00	15.00	9.29	6.50	2.79	18.58
<b>TOTAL</b>										
							94.68	56.57	29.29	180.53



RAMP : Buendia

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
1-lane 30 m	span	1.93	44	53.80	29.30	16.90	45.69	24.88	14.35	84.92
1-lane 35 m	span	2.46	5	53.80	29.30	16.90	6.62	3.60	2.08	12.30
1-lane 40 m	span	2.96	2	53.80	29.30	16.90	3.18	1.73	1.00	5.92
1-lane 30 m (Box)	span	2.70	4	53.80	29.30	16.90	5.81	3.16	1.83	10.80
1-lane 35 m (Box)	span	3.44	1	53.80	29.30	16.90	1.85	1.01	0.58	3.44
1-lane 40 m (Box)	span	4.14	3	53.80	29.30	16.90	6.68	3.64	2.10	12.42
<b>Substructure</b>										
1-lane, 1-column, 2nd, 30 m, Pile = 10 m	each	0.98	31	51.00	33.00	16.00	15.49	10.03	4.86	30.38
1-lane, 1-column, 2nd, 35 m, Pile = 10 m	each	1.18	4	51.00	33.00	16.00	2.41	1.56	0.76	4.72
1-lane, 1-column, 2nd, 40 m, Pile = 10 m	each	1.37	2	51.00	33.00	16.00	1.40	0.90	0.44	2.74
1-lane, 1-column, 3rd, 35 m, Pile = 10 m	each	2.13	1	51.00	33.50	15.50	1.09	0.71	0.33	2.13
1-lane, 1-column, 3rd, 40 m, Pile = 10 m	each	2.48	6	51.00	33.50	15.50	7.59	4.98	2.31	14.88
2-lane, 1-column, 2nd, 30 m, Pile = 10 m	each	1.43	2	51.00	33.00	16.00	1.46	0.94	0.46	2.86
2-lane, 1-column, 2nd, 35 m, Pile = 10 m	each	1.71	1	51.00	33.00	16.00	0.87	0.56	0.27	1.71
1-lane, Abutment, 30 m, Pile = 10 m	each	0.59	2	51.00	33.00	16.00	0.60	0.39	0.19	1.18
1-lane, Approach (H = 4 m), Pile = 10 m	each	9.29	2	51.00	33.00	16.00	9.48	6.13	2.97	18.58
1-lane, 1-column, 3rd, 30 m, Pile = 10 m	each	1.77	5	51.00	33.50	15.50	4.51	2.96	1.37	8.85
<b>TOTAL</b>										
							114.73	67.21	35.89	217.83

RAMP : Makati Access Ramp : R - 4 / Access

L = km.

I T E M	UNIT	UNIT COST	QUANTITY	Component (%)			Cost			
				F	L	T	Foreign	Local	Tax	Total
<b>Superstructure</b>										
1-lane 30 m	span	1.93	83	53.80	29.30	16.90	86.18	46.94	27.07	160.19
1-lane 35 m	span	2.46	2	53.80	29.30	16.90	2.65	1.44	0.83	4.92
1-lane 30 m (Box)	span	2.70	9	53.80	29.30	16.90	13.07	7.12	4.11	24.30
<b>Substructure</b>										
2-lane, 2-column, Double Deck, 2nd, 30, Pile = 15 m	each	6.43	8	51.00	33.50	15.50	26.23	17.23	7.97	51.44
2-lane, 2-column, 2nd, 30 m, Pile = 15 m	each	4.58	2	51.00	33.00	16.00	4.67	3.02	1.47	9.16
4-lane, 2nd, 30, Pile = 15 m	each	4.58	3	51.00	33.00	16.00	7.01	4.53	2.20	13.74
4-lane, 1-column, 2nd, 35 m, Pile = 15 m	each	3.97	1	51.00	33.00	16.00	2.02	1.31	0.64	3.97
1-lane, 1-column, 2nd, 30 m, Pile = 15 m	each	1.10	4	51.00	33.00	16.00	2.24	1.45	0.70	4.40
1-lane, 1-column, 2nd, 35 m, Pile = 15 m	each	1.32	1	51.00	33.00	16.00	0.67	0.44	0.21	1.32
1-lane, Double Deck, 2nd, 30 m, Pile = 15 m	each	4.18	2	51.00	33.50	15.50	4.26	2.80	1.30	8.36
1-lane + 1-lane, 1-lane + 1-lane, 2nd, 30 m, Pile = 15 m	each	6.55	3	51.00	33.00	16.00	10.02	6.48	3.14	19.65
2-lane, Abutment, 30 m, Pile = 15 m	each	1.77	2	51.00	33.00	16.00	1.81	1.17	0.57	3.54
2-lane, Approach (H = 4 m), Pile = 15 m	each	9.90	2	51.00	33.00	16.00	10.10	6.53	3.17	19.80
1-lane + 1-lane, 4-lane, 3rd, 30 m, Pile = 15 m	each	7.80	4	51.00	33.00	16.00	15.91	10.30	4.99	31.20
1-lane, 4-lane, 2-column, 3rd, 30 m, Pile = 15 m	each	9.83	2	51.00	33.00	16.00	10.03	6.49	3.15	19.66
1-lane, 1-column, 3rd, 30 m, Pile = 15 m	each	1.95	17	51.00	33.50	15.50	16.91	11.11	5.14	33.15
1-lane, 4-lane, 1-lane, 30 m, Pile = 15 m	each	9.83	1	51.00	33.00	16.00	5.01	3.24	1.57	9.83
<b>T O T A L</b>										
							218.80	131.60	68.22	418.63

**C. EXPRESSWAY MISCELLANEOUS/VIADUCT PAVEMENT COST**

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : C - 3

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M₱)	Component (%)			Component Cost (M₱)			Total (M₱)
					F	L	T	F	L	T	
From Adriatico To R-3 1/2	Misc.	1-lane	-	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane	1.25	5.90	56.9	25.6	17.5	4.196	1.888	1.291	7.375
		4-lane	-	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	1.25						4.196	1.888	1.291
	Pave.	1-lane	-		1.215	58	22	20	0.000	0.000	0.000
2-lane		1.25		2.127	58	22	20	1.542	0.585	0.532	2.659
4-lane		-		4.254	58	22	20	0.000	0.000	0.000	0.000
Total	1.25	0					1.542	0.585	0.532	2.659	
	Toll Booth		0								
	Total							5.738	2.473	1.822	10.034
R-3 1/2	Misc.	1-lane	0.73	4.20	55.6	27.2	17.2	1.705	0.834	0.527	3.066
		2-lane	0.85	5.90	56.9	25.6	17.5	2.854	1.284	0.878	5.015
		4-lane	-	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	1.58						4.558	2.118	1.405
	Pave.	1-lane	0.73		1.215	58	22	20	0.514	0.195	0.177
2-lane		0.85		2.127	58	22	20	1.049	0.398	0.362	1.808
4-lane		-		4.254	58	22	20	0.000	0.000	0.000	0.000
Total	1.58						1.563	0.593	0.539	2.695	
	Toll Booth		0								
	Total							6.121	2.711	1.944	10.776
From R-3 1/2 To R-4 1/2	Misc.	1-lane	1.32	4.20	55.6	27.2	17.2	3.082	1.508	0.954	5.544
		2-lane	1.77	5.90	56.9	25.6	17.5	5.942	2.673	1.828	10.443
		4-lane	0.84	12.30	58.5	24.0	17.5	6.044	2.480	1.808	10.332
		Total	3.93						15.069	6.661	4.589
	Pave.	1-lane	1.32		1.215	58	22	20	0.930	0.353	0.321
2-lane		1.77		2.127	58	22	20	2.184	0.828	0.753	3.765
4-lane		0.84		4.254	58	22	20	2.073	0.786	0.715	3.573
Total	3.93						5.186	1.967	1.788	8.942	
	Toll Booth		1	10.00	60	22	18	6.000	2.200	1.800	10.000
	Total							26.255	10.828	8.178	45.261
R-4 1/2	Misc.	1-lane	1.53	4.20	55.6	27.2	17.2	3.573	1.748	1.105	6.426
		2-lane	0.90	5.90	56.9	25.6	17.5	3.021	1.359	0.929	5.310
		4-lane	-	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	2.43						6.594	3.107	2.035
	Pave.	1-lane	1.53		1.215	58	22	20	1.078	0.409	0.372
2-lane		0.90		2.127	58	22	20	1.110	0.421	0.383	1.914
4-lane		-		4.254	58	22	20	0.000	0.000	0.000	0.000
Total	2.43						2.188	0.830	0.755	3.773	
	Toll Booth		0								
	Total							8.783	3.937	2.789	15.509

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : C - 3

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)
					F	L	T	F	L	T	
From R-4 I/C To R-6 I/C	Misc.	1-lane	0.64	4.20	55.6	27.2	17.2	1.495	0.731	0.462	2.688
		2-lane	2.60	5.90	56.9	25.6	17.5	8.728	3.927	2.685	15.340
		4-lane	0.42	12.30	58.5	24.0	17.5	3.022	1.240	0.904	5.166
		Total	3.66						13.245	5.898	4.051
	Pave.	1-lane	0.64	1.215	58	22	20	0.451	0.171	0.156	0.778
		2-lane	2.60	2.127	58	22	20	3.208	1.217	1.106	5.530
		4-lane	0.42	4.254	58	22	20	1.036	0.393	0.357	1.787
		Total	3.66					4.695	1.781	1.619	8.094
	Toll Booth	(1)		10.00	60	22	18	6.000	2.200	1.800	10.000
	Total							23.940	9.879	7.470	41.288
R-6 I/C	Misc.	1-lane	-	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane	0.59	5.90	56.9	25.6	17.5	1.981	0.891	0.609	3.481
		4-lane	-	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	0.59					1.981	0.891	0.609	3.481
	Pave.	1-lane	-	1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane	0.59	2.127	58	22	20	0.728	0.276	0.251	1.255
		4-lane	-	4.254	58	22	20	0.000	0.000	0.000	0.000
		Total	0.59					0.728	0.276	0.251	1.255
	Toll Booth		0								
	Total							2.709	1.167	0.860	4.736
From R-6 I/C To R-7 I/C	Misc.	1-lane	1.25	4.20	55.6	27.2	17.2	2.919	1.428	0.903	5.250
		2-lane	4.32	5.90	56.9	25.6	17.5	14.503	6.525	4.460	25.488
		4-lane	0.18	12.30	58.5	24.0	17.5	1.295	0.531	0.387	2.214
		Total	5.75					18.717	8.484	5.751	32.952
	Pave.	1-lane	1.25	1.215	58	22	20	0.881	0.334	0.304	1.519
		2-lane	4.32	2.127	58	22	20	5.329	2.022	1.838	9.189
		4-lane	0.18	4.254	58	22	20	0.444	0.168	0.153	0.766
		Total	5.75					6.654	2.524	2.295	11.473
	Toll Booth	(2)	1	10.00	60	22	18	6.000	2.200	1.800	10.000
	Total							31.371	13.208	9.845	54.425
R-7 I/C	Misc.	1-lane	1.21	4.20	55.6	27.2	17.2	2.826	1.382	0.874	5.082
		2-lane	0.03	5.90	56.9	25.6	17.5	0.101	0.045	0.031	0.177
		4-lane	0.73	12.30	58.5	24.0	17.5	5.253	2.155	1.571	8.979
		Total	1.97					8.179	3.583	2.476	14.238
	Pave.	1-lane	1.21	1.215	58	22	20	0.853	0.323	0.294	1.470
		2-lane	0.03	2.127	58	22	20	0.037	0.014	0.013	0.064
		4-lane	0.73	4.254	58	22	20	1.801	0.683	0.621	3.105
		Total	1.97					2.691	1.021	0.928	4.639
	Toll Booth		0								
	Total							10.870	4.603	3.404	18.877

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : C - 3

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)	
					F	L	T	F	L	T		
From R-7 I/C To R-9 I/C	Misc.	1-lane	0.84	4.20	55.6	27.2	17.2	1.962	0.960	0.607	3.528	
		2-lane	3.15	5.90	56.9	25.6	17.5	10.575	4.758	3.252	18.585	
		4-lane	1.22	12.30	58.5	24.0	17.5	8.779	3.601	2.626	15.006	
		Total	5.21					21.315	9.319	6.485	37.119	
	Pave.	1-lane	0.84	1.215	58	22	20	0.592	0.225	0.204	1.021	
		2-lane	3.15	2.127	58	22	20	3.886	1.474	1.340	6.700	
		4-lane	1.22	4.254	58	22	20	3.010	1.142	1.038	5.190	
		Total	5.21					7.488	2.840	2.582	12.911	
		Toll Booth	(2)	1	10.00	60	22	18	6.000	2.200	1.800	10.000
		Total						34.803	14.359	10.867	60.030	
R-9 I/C	Misc.	1-lane	1.70	4.20	55.6	27.2	17.2	3.970	1.942	1.228	7.140	
		2-lane	1.12	5.90	56.9	25.6	17.5	3.760	1.692	1.156	6.608	
		4-lane	-	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000	
		Total	2.82					7.730	3.634	2.384	13.748	
	Pave.	1-lane	1.70	1.215	58	22	20	1.198	0.454	0.413	2.066	
		2-lane	1.12	2.127	58	22	20	1.382	0.524	0.476	2.382	
		4-lane	-	4.254	58	22	20	0.000	0.000	0.000	0.000	
		Total	2.82					2.580	0.979	0.890	4.448	
		Toll Booth		0								
		Total						10.309	4.612	3.274	18.196	
From R-9 I/C To R-10(A) I/C	Misc.	1-lane	0.61	4.20	55.6	27.2	17.2	1.424	0.697	0.441	2.562	
		2-lane	1.13	5.90	56.9	25.6	17.5	3.794	1.707	1.167	6.667	
		4-lane	0.99	12.30	58.5	24.0	17.5	7.124	2.922	2.131	12.177	
		Total	2.73					12.342	5.326	3.738	21.406	
	Pave.	1-lane	0.61	1.215	58	22	20	0.430	0.163	0.148	0.741	
		2-lane	1.13	2.127	58	22	20	1.394	0.529	0.481	2.404	
		4-lane	0.99	4.254	58	22	20	2.443	0.927	0.842	4.211	
		Total	2.73					4.267	1.618	1.471	7.356	
		Toll Booth		0								
		Total						16.608	6.944	5.210	28.762	
R-10 (A) I/C	Misc.	1-lane	0.06	4.20	55.6	27.2	17.2	0.140	0.069	0.043	0.252	
		2-lane	-	5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000	
		4-lane	0.34	12.30	58.5	24.0	17.5	2.446	1.004	0.732	4.182	
		Total	0.40					2.587	1.072	0.775	4.434	
	Pave.	1-lane	0.06	1.215	58	22	20	0.042	0.016	0.015	0.073	
		2-lane	-	2.127	58	22	20	0.000	0.000	0.000	0.000	
		4-lane	0.34	4.254	58	22	20	0.839	0.318	0.289	1.446	
		Total	0.40					0.881	0.334	0.304	1.519	
		Toll Booth		0								
		Total						3.468	1.406	1.079	5.953	

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : C - 3

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M₱)	Component (%)			Component Cost (M₱)			Total (M₱)
					F	L	T	F	L	T	
From R-10(A) I/C To R-10 I/C	Misc.	1-lane	1.39	4.20	55.6	27.2	17.2	3.246	1.588	1.004	5.838
		2-lane	1.92	5.90	56.9	25.6	17.5	6.446	2.900	1.982	11.328
		4-lane	1.11	12.30	58.5	24.0	17.5	7.987	3.277	2.389	13.653
		Total	4.42					17.679	7.765	5.376	30.819
	Pave.	1-lane	1.39	1.215	58	22	20	0.980	0.372	0.338	1.689
		2-lane	1.92	2.127	58	22	20	2.369	0.898	0.817	4.084
		4-lane	1.11	4.254	58	22	20	2.739	1.039	0.944	4.722
		Total	4.42					6.087	2.309	2.099	10.495
		Toll Booth Total	1	10.00	60	22	18	6.000	2.200	1.800	10.000
		Total						29.765	12.273	9.275	51.314
R-10 I/C	Misc.	1-lane	-	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane	-	5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
		4-lane	0.26	12.30	58.5	24.0	17.5	1.871	0.768	0.560	3.198
		Total	0.26					1.871	0.768	0.560	3.198
	Pave.	1-lane	-	1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane	-	2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	0.26	4.254	58	22	20	0.642	0.243	0.221	1.106
		Total	0.26					0.642	0.243	0.221	1.106
		Toll Booth Total									
		Total		0				2.512	1.011	0.781	4.304
	Misc.	1-lane		4.20			0.000	0.000	0.000	0.000	0.000
		2-lane		5.90			0.000	0.000	0.000	0.000	0.000
		4-lane		12.30			0.000	0.000	0.000	0.000	0.000
		Total					0.000	0.000	0.000	0.000	
	Pave.	1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000
		Total					0.000	0.000	0.000	0.000	
		Toll Booth Total									
		Total						0.000	0.000	0.000	0.000
	Misc.	1-lane		4.20			0.000	0.000	0.000	0.000	0.000
		2-lane		5.90			0.000	0.000	0.000	0.000	0.000
		4-lane		12.30			0.000	0.000	0.000	0.000	0.000
		Total					0.000	0.000	0.000	0.000	
	Pave.	1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000
		Total					0.000	0.000	0.000	0.000	
		Toll Booth Total									
		Total						0.000	0.000	0.000	0.000

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 3

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)
					F	L	T	F	L	T	
From C-3 I/C To Buendia	Misc.	1-lane	0.95	4.20	55.6	27.2	17.2	2.218	1.085	0.686	3.990
		2-lane	3.14	5.90	56.9	25.6	17.5	10.541	4.743	3.242	18.526
		4-lane	0.54	12.30	58.5	24.0	17.5	3.886	1.594	1.162	6.542
		Total	4.63					16.645	7.422	5.091	29.158
	Pave.	1-lane	0.95	1.215	58	22	20	0.669	0.254	0.231	1.154
		2-lane	3.14	2.127	58	22	20	3.874	1.469	1.336	6.679
		4-lane	0.54	4.254	58	22	20	1.332	0.505	0.459	2.297
	Total	4.63					5.876	2.229	2.026	10.130	
	Toll Booth	(2) + (2)	2	10.00	60	22	18	12.000	4.400	3.600	20.000
	Total							34.521	14.051	10.717	59.288
Buendia Access Ramp	Misc.	1-lane	1.86	4.20	55.6	27.2	17.2	4.343	2.125	1.344	7.812
		2-lane	0.13	5.90	56.9	25.6	17.5	0.436	0.196	0.134	0.767
		4-lane		12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	1.99					4.780	2.321	1.478	8.579
	Pave.	1-lane	1.86	1.215	58	22	20	1.311	0.497	0.452	2.260
		2-lane	0.13	2.127	58	22	20	0.160	0.061	0.055	0.277
		4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000
	Total	1.99					1.471	0.558	0.507	2.536	
	Toll Booth	(2)	1	10.00	60	22	18	6.000	2.200	1.800	10.000
	Total							12.251	5.079	3.785	21.115
From Buendia To EDSA	Misc.	1-lane	1.19	4.20	55.6	27.2	17.2	2.779	1.359	0.860	4.998
		2-lane	2.80	5.90	56.9	25.6	17.5	9.400	4.229	2.891	16.520
		4-lane	0.86	12.30	58.5	24.0	17.5	6.188	2.539	1.851	10.578
		Total	4.85					18.367	8.127	5.602	32.096
	Pave.	1-lane	1.19	1.215	58	22	20	0.839	0.318	0.289	1.446
		2-lane	2.80	2.127	58	22	20	3.454	1.310	1.191	5.956
		4-lane	0.86	4.254	58	22	20	2.122	0.805	0.732	3.658
	Total	4.85					6.415	2.433	2.212	11.060	
	Toll Booth	(2)	1	10.00	60	22	18	6.000	2.200	1.800	10.000
	Total							30.782	12.760	9.614	53.156
EDSA Access Ramp	Misc.	1-lane	1.54	4.20	55.6	27.2	17.2	3.596	1.759	1.112	6.468
		2-lane	0.23	5.90	56.9	25.6	17.5	0.772	0.347	0.237	1.357
		4-lane		12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	1.77					4.368	2.107	1.350	7.825
	Pave.	1-lane	1.54	1.215	58	22	20	1.085	0.412	0.374	1.871
		2-lane	0.23	2.127	58	22	20	0.284	0.108	0.098	0.489
		4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000
	Total	1.77					1.369	0.519	0.472	2.360	
	Toll Booth	(2)	1	10.00	60	22	18	6.000	2.200	1.800	10.000
	Total							11.737	4.826	3.622	20.185

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 3

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)
					F	L	T	F	L	T	
From EDSA To C-5	Misc.	1-lane		4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane	2.25	5.90	56.9	25.6	17.5	7.553	3.398	2.323	13.275
		4-lane	2.49	12.30	58.5	24.0	17.5	17.917	7.350	5.360	30.627
		Total	4.74					25.470	10.749	7.683	43.902
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	2.49	4.254	58	22	20	6.144	2.330	2.118	10.592
		Total	2.49					6.144	2.330	2.118	10.592
	Toll Booth	Total									
		Total						31.614	13.079	9.801	54.494
From C-5 To Bicutan	Misc.	1-lane		4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane	1.74	5.90	56.9	25.6	17.5	5.841	2.628	1.797	10.266
		4-lane	2.36	12.30	58.5	24.0	17.5	16.981	6.967	5.080	29.028
		Total	4.32					23.336	9.846	7.035	40.218
	Pave.	1-lane	0.22	1.215	58	22	20	0.155	0.059	0.053	0.267
		2-lane	1.74	2.127	58	22	20	2.147	0.814	0.740	3.701
		4-lane	2.36	4.254	58	22	20	5.823	2.209	2.008	10.039
		Total	4.32					8.124	3.082	2.802	14.008
	Toll Booth	Total									
		Total						0.000	0.000	0.000	0.000
Bicutan Access Ramp	Misc.	1-lane	0.77	4.20	55.6	27.2	17.2	1.798	0.880	0.556	3.234
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
		4-lane		12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	0.77					1.798	0.880	0.556	3.234
	Pave.	1-lane	0.77	1.215	58	22	20	0.543	0.206	0.187	0.936
		2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000
		Total	0.77					0.543	0.206	0.187	0.936
	Toll Booth	(2)	1.00	10.000	60	22	18	6.000	2.200	1.800	10.000
		Total						8.341	3.285	2.543	14.170

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 3

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)
					F	L	T	F	L	T	
From Bicutan To Sucat	Misc.	1-lane	0.22	4.20	55.6	27.2	17.2	0.514	0.251	0.159	0.924
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
		4-lane	3.47	12.30	58.5	24.0	17.5	24.988	10.243	7.469	42.681
	Total	3.69					25.482	10.495	7.628	43.605	
	Pave.	1-lane	0.22	1.215	58	22	20	0.155	0.059	0.053	0.267
2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
4-lane		3.47	4.254	58	22	20	8.562	3.248	2.952	14.761	
Total	3.69					8.717	3.306	3.006	15.029		
	Toll Booth										
	Total						34.199	13.801	10.634	58.634	
Sucat Access Ramp	Misc.	1-lane	0.97	4.20	55.6	27.2	17.2	2.265	1.108	0.701	4.074
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
		4-lane		12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
	Total	0.97					2.265	1.108	0.701	4.074	
	Pave.	1-lane	0.97	1.215	58	22	20	0.684	0.259	0.236	1.179
2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
4-lane			4.254	58	22	20	0.000	0.000	0.000	0.000	
Total	0.97					0.684	0.259	0.236	1.179		
	Toll Booth	(2)	1	10.00	60	22	18	6.000	2.200	1.800	10.000
	Total						8.949	3.567	2.736	15.253	
From Sucat To Alabang	Misc.	1-lane		4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
		4-lane	3.81	12.30	58.5	24.0	17.5	27.415	11.247	8.201	46.863
	Total	3.81					27.415	11.247	8.201	46.863	
	Pave.	1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000
2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
4-lane		3.81	4.254	58	22	20	9.400	3.566	3.242	16.208	
Total	3.81					9.400	3.566	3.242	16.208		
	Toll Booth	(8)	1	36.00	60	22	18	21.600	7.920	6.480	36.000
	Total						58.415	22.733	17.923	99.071	
Alabang Access Ramp	Misc.	1-lane	1.66	4.20	55.6	27.2	17.2	3.876	1.896	1.199	6.972
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
		4-lane		12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
	Total	1.66					3.876	1.896	1.199	6.972	
	Pave.	1-lane	1.66	1.215	58	22	20	1.170	0.444	0.403	2.017
2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
4-lane			4.254	58	22	20	0.000	0.000	0.000	0.000	
Total	1.66					1.170	0.444	0.403	2.017		
	Toll Booth										
	Total						5.046	2.340	1.603	8.989	

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 3

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)	
					F	L	T	F	L	T		
From Alabang To SLE	Misc.	1-lane		4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000	
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000	
		4-lane	1.82	12.30	58.5	24.0	17.5	13.096	5.373	3.918	22.386	
		Total	1.82					13.096	5.373	3.918	22.386	
	Pave.	1-lane			1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	1.82	4.254	58	22	20	4.491	1.703	1.548	7.742	
		Total	1.82					4.491	1.703	1.548	7.742	
	Toll Booth Total											
								17.586	7.076	5.466	30.128	
	Misc.	1-lane			4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane			5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
4-lane				12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000	
Total		0.00						0.000	0.000	0.000	0.000	
Pave.	1-lane			1.215	58	22	20	0.000	0.000	0.000	0.000	
	2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
	4-lane			4.254	58	22	20	0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Toll Booth Total												
								0.000	0.000	0.000		
Misc.	1-lane			4.20				0.000	0.000	0.000	0.000	
	2-lane			5.90				0.000	0.000	0.000	0.000	
	4-lane			12.30				0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Pave.	1-lane			1.215	58	22	20	0.000	0.000	0.000	0.000	
	2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
	4-lane			4.254	58	22	20	0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Toll Booth Total												
								0.000	0.000	0.000		
Misc.	1-lane			4.20				0.000	0.000	0.000	0.000	
	2-lane			5.90				0.000	0.000	0.000	0.000	
	4-lane			12.30				0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Pave.	1-lane			1.215	58	22	20	0.000	0.000	0.000	0.000	
	2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
	4-lane			4.254	58	22	20	0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Toll Booth Total												
								0.000	0.000	0.000		
Misc.	1-lane			4.20				0.000	0.000	0.000	0.000	
	2-lane			5.90				0.000	0.000	0.000	0.000	
	4-lane			12.30				0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Pave.	1-lane			1.215	58	22	20	0.000	0.000	0.000	0.000	
	2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
	4-lane			4.254	58	22	20	0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Toll Booth Total												
								0.000	0.000	0.000		
Misc.	1-lane			4.20				0.000	0.000	0.000	0.000	
	2-lane			5.90				0.000	0.000	0.000	0.000	
	4-lane			12.30				0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Pave.	1-lane			1.215	58	22	20	0.000	0.000	0.000	0.000	
	2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
	4-lane			4.254	58	22	20	0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Toll Booth Total												
								0.000	0.000	0.000		
Misc.	1-lane			4.20				0.000	0.000	0.000	0.000	
	2-lane			5.90				0.000	0.000	0.000	0.000	
	4-lane			12.30				0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Pave.	1-lane			1.215	58	22	20	0.000	0.000	0.000	0.000	
	2-lane			2.127	58	22	20	0.000	0.000	0.000	0.000	
	4-lane			4.254	58	22	20	0.000	0.000	0.000	0.000	
	Total	0.00						0.000	0.000	0.000	0.000	
Toll Booth Total												
								0.000	0.000	0.000		

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 4

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)
					F	L	T	F	L	T	
From C-3 I/C To Makati Access Ramp	Misc.	1-lane	0.42	4.20	55.6	27.2	17.2	0.981	0.480	0.303	1.764
		2-lane	0.12	5.90	56.9	25.6	17.5	0.403	0.181	0.124	0.708
		4-lane	2.00	12.30	58.5	24.0	17.5	14.391	5.904	4.305	24.600
		Total	2.54					15.775	6.565	4.732	27.072
	Pave.	1-lane	0.42	1.215	58	22	20	0.296	0.112	0.102	0.510
		2-lane	0.12	2.127	58	22	20	0.148	0.056	0.051	0.255
		4-lane	2.00	4.254	58	22	20	4.935	1.872	1.702	8.508
		Total	2.54					5.379	2.040	1.855	9.274
		Toll Booth Total									
	Makati Access Ramp	Misc.	1-lane	0.93	4.20	55.6	27.2	17.2	21.153	8.605	6.587
2-lane			1.00	5.90	56.9	25.6	17.5	3.357	1.510	1.033	3.906
4-lane			1.93	12.30	58.5	24.0	17.5	0.000	0.000	0.000	5.900
		Total	1.93					5.529	2.573	1.704	9.806
Pave.		1-lane	0.93	1.215	58	22	20	0.655	0.249	0.226	1.130
		2-lane	1.00	2.127	58	22	20	1.234	0.468	0.425	2.127
		4-lane	1.93	4.254	58	22	20	0.000	0.000	0.000	0.000
		Total	1.93					1.889	0.717	0.651	3.257
		Toll Booth (4)	1	18.00	60	22	18	10.800	3.960	3.240	18.000
		Total						16.218	7.249	5.596	31.063
	Misc.	1-lane		4.20	0.000		0.000	0.000	0.000	0.000	0.000
		2-lane		5.90	0.000		0.000	0.000	0.000	0.000	0.000
		4-lane		12.30	0.000		0.000	0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
	Pave.	1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
		Toll Booth Total									
		Total						0.000	0.000	0.000	0.000
	Misc.	1-lane		4.20	0.000		0.000	0.000	0.000	0.000	0.000
		2-lane		5.90	0.000		0.000	0.000	0.000	0.000	0.000
		4-lane		12.30	0.000		0.000	0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
	Pave.	1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
		Toll Booth Total									
		Total						0.000	0.000	0.000	0.000

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 7

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)
					F	L	T	F	L	T	
From Welcome Rotonda To C-3 I/C	Misc.	1-lane	1.09	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane	1.09	5.90	56.9	25.6	17.5	3.659	1.646	1.125	6.431
		4-lane	1.09	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	1.09						3.659	1.646	1.125
	Pave.	1-lane	0.87	1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane	0.87	2.127	58	22	20	1.073	0.407	0.370	1.850
		4-lane	0.87	4.254	58	22	20	0.000	0.000	0.000	0.000
	Total	0.87						1.073	0.407	0.370	1.850
	Toll Booth	(2)	1	10.00	60	22	18	6.000	2.200	1.800	10.000
	Total							10.733	4.253	3.296	18.281
From C-3 I/C To EDSA	Misc.	1-lane	1.10	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane	1.10	5.90	56.9	25.6	17.5	2.569	1.257	0.795	4.620
		4-lane	1.10	12.30	58.5	24.0	17.5	12.052	5.422	3.707	21.181
		Total	1.10						7.771	3.188	2.325
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000
	Total	0.00						0.000	0.000	0.000	0.000
	Toll Booth	(2)	2	10.00	60	22	18	12.000	4.400	3.600	20.000
	Total							42.261	17.252	13.139	72.652
From C-3 I/C To EDSA	Misc.	1-lane	1.08	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane	1.08	5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
		4-lane	1.08	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	1.08						0.000	0.000	0.000
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000
	Total	0.00						0.000	0.000	0.000	0.000
	Toll Booth	(2)	2	10.00	60	22	18	12.000	4.400	3.600	20.000
	Total							42.261	17.252	13.139	72.652
From C-3 I/C To EDSA	Misc.	1-lane	1.08	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000
		2-lane	1.08	5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
		4-lane	1.08	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000
		Total	1.08						0.000	0.000	0.000
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000
	Total	0.00						0.000	0.000	0.000	0.000
	Toll Booth	(2)	2	10.00	60	22	18	12.000	4.400	3.600	20.000
	Total							42.261	17.252	13.139	72.652

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 7

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)	
					F	L	T	F	L	T		
From EDSA To Quezon Memorial	Misc.	1-lane	0.33	4.20	55.6	27.2	17.2	0.771	0.377	0.238	1.386	
		2-lane	1.25	5.90	56.9	25.6	17.5	4.196	1.888	1.291	7.375	
		4-lane	1.58	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000	
		Total						4.967	2.265	1.529	8.761	
	Pave.	1-lane	0.33	1.215	58	22	20	0.233	0.088	0.080	0.401	
		2-lane	1.25	2.127	58	22	20	1.542	0.585	0.532	2.659	
		4-lane	1.58	4.254	58	22	20	0.000	0.000	0.000	0.000	
		Total						1.775	0.673	0.612	3.060	
		Toll Booth										
		Total						6.742	2.938	2.141	11.821	
From Quezon Memorial To University Ave.	Misc.	1-lane		4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000	
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000	
		4-lane		12.30	58.5	24.0	17.5	11.081	4.546	3.315	18.942	
		Total						11.712	4.855	3.510	20.076	
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000	
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000	
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	
		Toll Booth										
		Total						0.000	0.000	0.000	0.000	
	Misc.	1-lane	0.27	4.20	55.6	27.2	17.2	0.631	0.308	0.195	1.134	
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000	
		4-lane		12.30	58.5	24.0	17.5	11.081	4.546	3.315	18.942	
		Total						11.712	4.855	3.510	20.076	
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000	
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000	
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	
		Toll Booth										
		Total						6.000	2.200	1.800	10.000	
	Misc.	1-lane		4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000	
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000	
		4-lane		12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000	
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000	
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	
		Toll Booth										
		Total						17.712	7.055	5.310	30.076	

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 7

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₨)	Component (%)			Component Cost (M ₨)			Total (M ₨)	
					F	L	T	F	L	T		
From University Avenue To C-5 I/C	Misc.	1-lane	0.75	4.20	55.6	27.2	17.2	1.751	0.857	0.542	3.150	
		2-lane	2.19	5.90	56.9	25.6	17.5	7.352	3.308	2.261	12.921	
		4-lane	1.03	12.30	58.5	24.0	17.5	7.411	3.041	2.217	12.669	
		Total	3.97					16.515	7.205	5.020	28.740	
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000	
		2-lane	2.19	2.127	58	22	20	2.702	1.025	0.932	4.658	
		4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000	
		Total	2.19					2.702	1.025	0.932	4.658	
		Toll Booth Total	(2)	1	10.00	60	22	18	6.000	2.200	1.800	10.000
	Misc.	1-lane		4.20	55.6	27.2	17.2	25.217	10.430	7.752	43.398	
2-lane			5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000		
4-lane			12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000		
Total			0.00				0.000	0.000	0.000	0.000		
		1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000	
Pave.	2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000		
	4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000		
	Total		0.00				0.000	0.000	0.000	0.000		
	Toll Booth Total											
From C-5 I/C To END	Misc.	1-lane	0.72	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000	
		2-lane	2.65	5.90	56.9	25.6	17.5	1.681	0.823	0.520	3.024	
		4-lane	1.95	12.30	58.5	24.0	17.5	8.896	4.003	2.736	15.635	
		Total	5.32					14.031	5.756	4.197	23.985	
	Pave.	1-lane	0.00	1.215	58	22	20	24.609	10.581	7.454	42.644	
		2-lane	2.65	2.127	58	22	20	0.000	0.000	0.000	0.000	
		4-lane		4.254	58	22	20	3.269	1.240	1.127	5.637	
		Total	2.65					3.269	1.240	1.127	5.637	
		Toll Booth (2) + (4)	1	28.00	60	22	18	16.800	6.160	5.040	28.000	
		Total						44.678	17.982	13.621	76.281	
Misc.	1-lane		4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000		
	2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000		
	4-lane		12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000		
	Total		0.00				0.000	0.000	0.000	0.000		
Pave.	1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000		
	2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000		
	4-lane		4.254	58	22	20	0.000	0.000	0.000	0.000		
	Total		0.00				0.000	0.000	0.000	0.000		
	Toll Booth Total											
	Total						0.000	0.000	0.000	0.000		

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 9

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)	
					F	L	T	F	L	T		
From C-31/C To EDSA	Misc.	1-lane	0.84	4.20	55.6	27.2	17.2	1.962	0.960	0.607	3.528	
		2-lane	2.54	5.90	56.9	25.6	17.5	8.527	3.836	2.623	14.986	
		4-lane	3.38	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000	
		Total						10.489	4.796	3.229	18.514	
	Pave.	1-lane	0.84	1.215	58	22	20	0.592	0.225	0.204	1.021	
		2-lane	2.54	2.127	58	22	20	3.133	1.189	1.081	5.403	
		4-lane	3.38	4.254	58	22	20	0.000	0.000	0.000	0.000	
		Total						3.725	1.413	1.285	6.423	
		Toll Booth	(2)	1	10.00	60	22	18	6.000	2.200	1.800	10.000
		Total						20.214	8.409	6.314	34.937	
From EDSA To Tullahan River	Misc.	1-lane	0.00	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000	
		2-lane	0.00	5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000	
		4-lane	0.00	12.30	58.5	24.0	17.5	0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000	
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000	
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	
		Toll Booth		0.00				0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	
From EDSA To Tullahan River	Misc.	1-lane	0.00	4.20	55.6	27.2	17.2	0.000	0.000	0.000	0.000	
		2-lane	0.00	5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000	
		4-lane	0.00	12.30	58.5	24.0	17.5	20.435	8.384	6.113	34.932	
		Total						20.435	8.384	6.113	34.932	
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000	
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000	
		4-lane	0.00	4.254	58	22	20	7.007	2.658	2.416	12.081	
		Total						7.007	2.658	2.416	12.081	
		Toll Booth	(6)	1	27.00	60	22	18	16.200	5.940	4.860	27.000
		Total						43.642	16.982	13.389	74.013	
From EDSA To Tullahan River	Misc.	1-lane	0.00	4.20				0.000	0.000	0.000	0.000	
		2-lane	0.00	5.90				0.000	0.000	0.000	0.000	
		4-lane	0.00	12.30				0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	
	Pave.	1-lane	0.00	1.215	58	22	20	0.000	0.000	0.000	0.000	
		2-lane	0.00	2.127	58	22	20	0.000	0.000	0.000	0.000	
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	
		Toll Booth		0.00				0.000	0.000	0.000	0.000	
		Total						0.000	0.000	0.000	0.000	

EXPRESSWAY MISCELLANEOUS / VIADUCT PAVEMENT COST

EXPRESSWAY : R - 10

SECTION	ITEM	No. of Lanes	Length (km)	Unit Cost (M ₱)	Component (%)			Component Cost (M ₱)			Total (M ₱)
					F	L	T	F	L	T	
From C-3 1/C To Moriones	Misc.	1-lane	0.57	4.20	55.6	27.2	17.2	1.331	0.651	0.412	2.394
		2-lane		5.90	56.9	25.6	17.5	0.000	0.000	0.000	0.000
		4-lane	3.18	12.30	58.5	24.0	17.5	22.882	9.387	6.845	39.114
		Total	3.75					24.213	10.039	7.257	41.508
	Pave.	1-lane	0.57	1.215	58	22	20	0.402	0.152	0.139	0.693
		2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	3.18	4.254	58	22	20	7.846	2.976	2.706	13.528
		Total	3.75					8.248	3.128	2.844	14.220
		Toll Booth	1	18.00	60	22	18	10.800	3.960	3.240	18.000
		Total						43.261	17.127	13.341	73.728
	Misc.	1-lane		4.20				0.000	0.000	0.000	0.000
		2-lane		5.90				0.000	0.000	0.000	0.000
		4-lane	0.00	12.30				0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
	Pave.	1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
		Toll Booth									
		Total						0.000	0.000	0.000	0.000
	Misc.	1-lane		4.20				0.000	0.000	0.000	0.000
		2-lane		5.90				0.000	0.000	0.000	0.000
		4-lane	0.00	12.30				0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
	Pave.	1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
		Toll Booth									
		Total						0.000	0.000	0.000	0.000
	Misc.	1-lane		4.20				0.000	0.000	0.000	0.000
		2-lane		5.90				0.000	0.000	0.000	0.000
		4-lane	0.00	12.30				0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
	Pave.	1-lane		1.215	58	22	20	0.000	0.000	0.000	0.000
		2-lane		2.127	58	22	20	0.000	0.000	0.000	0.000
		4-lane	0.00	4.254	58	22	20	0.000	0.000	0.000	0.000
		Total	0.00					0.000	0.000	0.000	0.000
		Toll Booth									
		Total						0.000	0.000	0.000	0.000

**D. RECONSTRUCTION COST OF AT-GRADE ROAD**

RECONSTRUCTION OF AT-GRADE ROAD

EXPRESSWAY : C - 3

SECTION : From - 1 - 450 To - 1 - 300

L = 0.15 km.

ITEM	UNIT	QUANTITY	UNIT PRICE (P)	COST (x 1000 P)	COMPONENT (%)			COMPONENT COST (x 1000 P)		
					F	L	T	F	L	T
1) Removal of Existing PCC Pavement	sq. m.	1,005	110.00	110.55	57	25	18	63.01	27.64	19.90
2) Removal of Sidewalk	sq. m.	1,950	105.00	204.75	57	25	18	116.71	51.19	36.86
3) Removal of Curb/Gutter	L. M.	600	163.00	97.80	55	28	17	53.79	27.38	16.63
4) Removal of RC Pile	L. M.	300	950.00	285.00	60	25	15	171.00	71.25	42.75
5) Pavement Subbase	cu. m.	171	430.00	73.53	55	27	18	40.44	19.85	13.24
6) Pavement PCC (23 cm)	sq. m.	855	690.00	589.95	53	29	18	312.67	171.09	106.19
7) Sidewalk (t = 10 cm)	sq. m.	1,245	342.00	425.79	50	32	18	212.90	136.25	76.64
8) Curb/Gutter	L. M.	600	452.70	271.62	52	30	18	141.24	81.49	48.89
9) RC Pipe (Ø 760)	L. M.	300	1,210.00	363.00	51	34	15	185.13	123.42	54.45
10) Manhole Inlet/(40 m)	each	6	14,500.00	87.00	53	34	13	46.11	29.58	11.31
11) Sub-total				2,508.99				1,343.00	739.14	426.85
12) Miscellaneous (15% of Sub-total)	L. S.			376.35				201.45	110.87	64.03
TOTAL				2,885.34				1,544.45	850.01	490.88

**RECONSTRUCTION OF AT-GRADE ROAD**

EXPRESSWAY : C - 3  
SECTION : From - 1 - 300 To 0 + 000

L = 1.30 km.

ITEM	UNIT	QUANTITY	UNIT PRICE (₱)	COST (x 1000 ₱)	COMPONENT (%)			COMPONENT COST (x 1000 ₱)		
					F	L	T	F	L	T
1) Removal of Existing PCC Pavement	sq. m.	5,200	110.00	572.00	57	25	18	326.04	143.00	102.96
2) Removal of Sidewalk	sq. m.	8,450	105.00	887.25	57	25	18	505.73	221.81	159.71
3) Removal of Curb/Gutter	L. M.	3,900	163.00	635.70	55	28	17	349.64	178.00	108.07
4) Removal of RC Pile	L. M.	1,300	950.00	1,235.00	60	25	15	741.00	308.75	185.25
5) Pavement Subbase	cu. m.	1,560	430.00	670.80	55	27	18	368.94	181.12	120.74
6) Pavement PCC (23 cm)	sq. m.	7,800	690.00	5,382.00	53	29	18	2,852.46	1,560.78	968.76
7) Sidewalk (t = 10 cm)	sq. m.	5,850	342.00	2,000.70	50	32	18	1,000.35	640.22	360.13
8) Curb/Gutter	L. M.	3,900	452.70	1,765.53	52	30	18	918.08	529.66	317.80
9) RC Pipe (Ø 760)	L. M.	1,300	1,210.00	1,573.00	51	34	15	802.23	534.82	235.95
10) Manhole Inlet/(40 m)	each	64	14,500.00	928.00	53	34	13	491.84	315.52	120.64
11) Sub-total				15,649.98				8,356.30	4,613.68	2,680.00
12) Miscellaneous (15% of Sub-total)	L. S.			2,347.50				1,253.45	692.05	402.00
<b>TOTAL</b>				17,997.48				9,609.75	5,305.73	3,082.00