AFRICAN DEVELOPMENT BANK

GOVERNMENT OF MAURITIUS

BEAU BASSIN - PORT LOUIS LINK ROAD

QUANTITIES

OF

EARTH WORKS

LIBRARY 1063060[6]

SEPTEMBER 1980

Japan International Cooperation Agency

S D F 80-100

国際協力事業団 16 84 5.75 410 61.4 登録No. 04661 SDF

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- 7. Frontage Road Bridge

	1. Summary of Quantitie	28
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	REMARKS													SAMD & GRAVEL									P.V.C PIPE				
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1 .	PHA3E I				146.657	2,407	149.084		80.779		219.7	8		7 445	4/	\$ 55 g		0/62.2		8,967.2				•	 ı		
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	NO DESCRIPTION		D0G	02 HIGH YIELD STEEL &16 """	BOX CULVERT	BRIDGE OF FRONTAGE ROAD	782	03 HIGH YIELD STEEL +20"5	BOX CULVERT	DOF EXPANSION JOINTS	O / BOX CULVERT TIPE - D	OZ BRIDGE OF FRONTAGE ROAD	DOG FOWNDATION	BOX CULVERT	BRIDGE OF FRONTAGE ROAD	76201	DOS TIMBERING	BOX CULVERT	DO7 SCAFFOLDING	BOX CULVERT		DOS DRAIN PIDE 40042	RETHINING WALL				

WORKS	
10 ROAD ANCILLARIES WORKS	
ROAD	
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PAVEMENTS	
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	REMARKS		MAIN ROAD	2	HOULDER OF		1 Ka/m2	ab 49/m2			MAIN ROAD	COK								FOOT WAY	FOOT WAY													APPROACH ROAD
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7KS	PHASE I		15 721 6		2.776.9		8	9 11	14.803.4		14.127.4	14.553.5	2.695.2		10,033.3	3571.0		880.0					1.353.0	147.0		982.0	1	B		. 01	7	ΙΔ		8550
RIES WORKS	T PHASE I		149,230.8	1		,	5 761	180.4	158 227 4		140,047.2	138.852.	48.93C6		55 693.6	54.772.0		0.5		6.950.0	6.924.8		11.251.0	43000		5,617.6	4	130		0-	7.7	27		11.098.2
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FAVEMENTS. AND ROAD ANCI.	DESCRIPTION		4RADED STOWE COURSE 1:30	COURSE #	VRSE 6-		PRIME COAT	TACK COAT	BITUMINOUS TREATED CM 8=10		ASPHALT BINDER COURSE 4= 5	ASPHALT WEARING COURSE 4- E"	ASPHALT SURFACE 4-5		SEEDING	TOP SOIL += 20		GUARD RAIL	DIMAY	ASPHALT SURFACE B=400	GRADED STOWE BASE COURSE 15**		PCK (A)	P.C.K (B)		LANE MARKS	CATS' EYES	ROADSTUD		SIGN TYPE A	SIGN TYPE B	SIGN TYPE C	AND APPROACH ROAD	CRUSHED GRAVEL 8=15
	LIEM	M 0/	/0	20	03	E02		20	263	207	0/0	20	20	EOS	/0	0.2	EOS	0/	EOT FW	/0	20	E 08	/0	02	E09	/0	20	03	E 10	/0	70	200	M // AX	

DESCRIPTION	TIM	PHASE I	PHASE II	76707
>				
	22	45690	2080	4.8870
		13,70/5	0.842	14,2505
	*	1.6230		1,823.0
(A)	>	10.6120	1.4250	12.0370
(B))	2	2300		7300
(82)	2	0/15	800	0/65
(33)	1,	2080	720	2730
A)	*	205		5 02
(2)	- 2	240	A)	240
0)	١	2430		248.0
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(B)	. *	0.63		0.89
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23708	7	0.80		0 7) 8
\$ 0.304		1200		1250
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\$ 0.457	*	04/		0 4
\$ 0.762	- 1	4080	in the second se	0808
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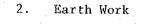
V 07 REMARKS 0.95/ 2 22× 022 0 500 670 0.62 93.0 1340 10.0 1 0 <u>()</u> か V \sim 00 20 0 ω か 5 W 76201 2 9.0 0, 0 0 1 5 10% 22 N γ PHASE 2095 670 90.3 220 0 002 045 0,288 0 0 0 4 3) (p カ ţ 0 4 00 50 12 PHASE 77 2 8 ~ . 🔊 * 0.762 809 585 0 533 416 762 0 0 0 0 B 8 B B 8 B B Ŋ B B 8 DESCRIPTION 30/0 BASIN 3 (8) (8) 3 (5/43) (0) (0) (3) (1/2) (8) 8 0 (1/1/) (AS) (B) (43) (5) (\mathcal{F}) (42) (A4) (2) (A7) (0) (%) 172AL 1 R ł R Q 1 Q R R 2 d'--1 20 20 2Q 2 Q DC DQ 20 20 20 20 CATCH V U Ü 0 V V 2 40 0 0 90 0 2 0 1~ 0 ITEM က 0 0 FOB 702

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7(1/1)		77	11	*	,	<i>h</i>			,	9	9					72				*		\$		*		\$			
ITEM NO DESCRIPTION	703	13- 22- (4)) - 20 DC - (20 02	- 20 - 72	22 00-	13 DC-	24 20 -	27) - 20 52	26 Dc - (23)	27 Dc -	28 00 - 0			FOY INLET OR OUTLET	, INIET	2 \$ 0.762 INLE	3 \$0.262 METOR OUTLET	20777 A 0 762	77PE	08 \$ 1.086 JAILET	8010	1086 TYPE	09 \$ 1055 INLE	NIMI 5901 \$ 01	N/ML 9901 \$			

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	>		RUBBLE MASONRY	CUT TYPE	ENBANKMENT TYPE	BASE								÷			·								
	DESCRIPTION		GKOUTED M			CONCRETE															į.				
ITEM	0/7	60/	70			.20																	•		



CONTENTS

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- 2. Earth Work At Phase I
 - 1) Accumulated Earth Work Quantities
 - 2) Access Road
 - 3) Coromandel I.C
 - 4) Motorway J.C
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 - 2) Motorway J.C (H-Ramp)
 - 3) Deduction
- 4. Area of Slope
- 5. Area of Clearing and Crubbing
- 6. Removal of Structure and Obstructions

			CUT	(3014)	CUT	(ROCK)	707	TA L	EHB	ANKHEN	77	AT 1187					Stephenson and American mine
Σ	DESCRIPTION	Marking do nine and one and mile new comme	NET VOLUME	CORRECTION VOLUME	NET VOLUME	CORRECTION VOLUME	NET	CORRECTION VOLUME	EMBANKMEN	DEDUCTION	TOTAL.	NOCKHE	BALANCE			٠	
	MAIN ROAD		449.0358	404.132.3	17.332.6	19.983.	<u>166.868</u> 9	1210657	4-26. 639.6	16.522.7	410.116.3	7.592.8	⊕21,5119	20.923.			
-	ACCESS ROAD		6.612	5.9509			1.612.	5.9509	17.9292	вох 339,5	17.589.7	Box 4988	011.140.0	2.467. ⁸			
	OROMANDEL I.C		57.97Z. ⁸	\$2.1759	1.8068	20779	59.779.6	5-1-253	1.970.3		1970.8		⊕57,2&3 [™]				
М	IDTORWAY JUNCTION		144.803.0	130.322.7	<u> </u>	34443	147.798.°	133 767	15.1055		18.105.5		⊕118.1791 ₂				
_	10TAL.		658.423 ⁷	592.581.8	22./34.9	25.455	680.558!	618.036 ¹	461.6 11 .0	16.862. ²	44478!8	8.091.6	D 181 346 ⁴	23.3909	,		
												:					
	MAIN ROAD		72.820. ²	65.538.2			72.820. ²	45,538.º	57360. ²	13,121.0	44.239.2		D21.299.0		······································		
7	IDTORWAY JUNCTION	(H-RAMP)	696. ⁰	626 ⁸			69 E C	£2& ³	47860		4-486.°		⊕ 3.859]		<u> </u>		
	TOTAL		73.516. ²	66.167-5			73,5162	1,6.164. ⁵	61 846 ²	13.1210	48.725²		D17.4373		·		
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	TOTAL		731939.9	2		,											

1) ACCUMULATED EARTH WORK QUANTITIES

CTUTION	DISTANCE	CUT	(3011)	×090	CUT	(ROCK)	x 1.15	TOTAL	EMBANK		DEDUCTION	70791	RF-11SF		ACCUMULATE		
STATION	DISTANCE	SECTION	NET YOLUME	CORRECTION VOLUME	SECTION	NET YOLUNE.	CORRECTION VOLUME	707AC	SECTION		DEDUCTION	10174	VOLUME	BACANCE	EARTH WORK QUANTITIES	SAME SECTION	
0 + 20	o o	27 2					2.1										
t 80		23.2	1.008.0	907.2				907 3						+ 907 3	+ 9072	0	
1 + 0	3	18.0	8240	7416				741.6	ပ						+ 1.5488		
+ 40	,	75.5	₹72,0	6018	0			6048	06	12.0		120			+ 2.2416		
780	4,	22.0	758.0	6763	4.4	38.0	101 2	778.0	2	120		120			, 3,007.6		
2 +20	4	15 2	13440	1.2096	216	5200	5980	1.807.6							1 7315 2	0	
+ 50	4	146	1.798.0	1.6164	708	1.8480	2.125 2	3,7416						. : :	+ 8,555 8	0	
3 + 00	,	326	15440	1.3396	63 3	2,6820	3,0843	4.4739							7 13,0307		
t 90	4	43.6	15240	1.37/6	0	1.2650	1.755.7	2.8275	<u> </u>					+ 2,8275	+ 15.858 2	0	
t 80		1. 3	9020	8118				3118	V2 5	3040		3040			+ 16,366.0	3040	
4 +20	*	05	100	360				36.0	58 4	14320		1.4320		-1,396.0	+ 14,9700	360	
±30	, ,	1.7	110	396				39 6	624	2,3760		2.376.0			4 12,633,6		
8 +00	<u>*</u>	1.0	540	986				48 S	730	22080		2.3080		-2,7594	+ 9.874.2	486	
170	,	3.4	88.0	79 2				79.2	300	3.160.0		3,1600		- 3,080.8	1 6,793.4	79.2	
180	,	1.0	880	79.2				79.2	403	24180		2.416.0		- 23368	1 7.7566	792	
8 + 20	*	1.0	400	360				360	37.6	1.5180		1.5680		- 1.4320	1 2.9246	360	
180		10	100	380				360	28.4	1.3200		1.320.0		-1,2840	+ 1.640.6	360	
7 + 00	,	14	48.0	43?				43.2	13 3	8340		8340		- 7908	7 8498	43 2	
170	,	10.2	2320	108.8				208.8	12	2900		2900		- 8/2	1 768.6	2083	
+80	,	11.0	4240	381.6				381.6	3,7	980		.98.0		+ 283.6	+ 1,0522	980	
8 + 20	7		240.0	216.0				2160	592	1.2580		1.258.0		-1.0120	+ 10.2	2160	
180	4	18	530	50.4				501	160.0	4,3840		4.3840		- 4,333.6	- 4,323.4	10+	
9 +00	,	00	460	41.4				41.4	1260	5.7200		5.720.0		-5,678,6	- 10,002.0	414	
170	3	10	300	27.0				27.0	135.2	5,2740	3 699 7	1,524.3	2.127.2	7 629 9	- 9,372.1	1.5243	
100	. ,	20	30.0	27.0		<u> </u>		27.0	100.0	4.7040		4.7040		-46770	- 14,0491	270	
10 + 20	5	146	V00 0	2700				270,0	२८ ४	2,512,0		2,512.0		- 2,242,0	- 18,291.1	270.0	
+ 30		ડ 8	176.0	ડે ટ ડ. ≠				383.4	18.0	872.0		872.0		- 988.6	- 16,779.7	383.4	
11 +00		15.7	4500	1050				405.0	43	1450		496.0		- 410	- 16,8107	4050	
140	5	<u> </u>	1.1480	1.033.2				1.033.2	0	360		86.0		7 947.2	- 15,873.5	36.0	
+80	4	7. ડ	9840	8.286				<i>385</i> , 6	0	٥				1 885.6	- 14.9879		
12 + 20	,	20	1600	1440				144.0	800	1,6000		1,600.0		- 1.4560	- 16,413.9	1440	
+ 60	4	1.0	300	27.0				27.0	1104	3.8080		3,808.0	-11,1400	14,9210	- 31.364.9	270	ACCESS ROAD BORROW 11.1400 m 1
13+00		٥	200	180				180	120.8	4.6240		4.6240		7,6060	- 35,9709	180	
110	,	0.5	10.0	90				90	1320	5.0560	· :	5.056.0		50470	- 41.0179	90	
+ 80	9	12.5	1600	237.0				2340	127.6	V.1920	1,817 6	3,374.4	3748	- 2,765.6	43,7835	9088	
14+20		4.9	U18.0	3/3.2				ા ડ 2	185 2	C 886 0		v. 8160		- 55478	- 49,0263	3/3 2	
7 30		1. 7	132,0	118.8				1188	173 8	6.776.0		6,776.0		- 6.657.2	- 1683.5	1188	
SUB TOTAL			18,137.0	14.5206		5,4040	7,3646	21885 2		74.7180	C4173	89.2307	. <i>9</i> .3300			5,574.9	All the second of the second o

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ς τ.Ι. Τ.Ι.Λ.Ι.	DISTANCE		(3011)	x 0.90	CUT	(ROCK,) x 1.15	Y0701	EHBANK				RE-USE		ACCUMULATED	1		
3171 71 OIV	<i>3</i> , <i>3</i> , , , , , , , , , , , , , , , , , , ,	SECTION	NET VOLUME	CORRECTION VOLUME	SECTION	NET NOLUNE	CORRECTION VOLUME	TOTAL	SECTION	NET VOLUME	DEDUCTION	TOTAL	VOLUME	BALANCE	EARTH WORK QUANTITIES	SPIL IN SAME SECTION	REMARKS	
29 + D		10							1340		1				1 13,968.0	:		
+40	40.000	10	400	હેવે. ૦				330	,	5.1360		5.1360		- 5.100°	1 8 8680	1		
+80		10	40.0	38.0				360		3.8950	1	3.896.0			+ 5,0080			
30 +20	*	10	100	36.0				J6. 0	30.4	2,548.0		2,6480			+ 2,3960	360		
7 SO	4	ટ્ર ડ	4860					1 37.1	77 2	27520	749.5		2408 2		+ 3,239.1	2,0025		
31 +00	ş	10	4860					4371	1	31680		3,163.0		- 2,730 6		437.4		-
+40	,	10	100	હેવ.૦				35.0		13840		2,3840		- 2.348.0		360		
<i>† 80</i>	4	45	110.0	99.0				990	i	f		952.0		- 843.0		99.0		
32 +20	,	10.7	3040	273.6				273.6		232.0		232.0		+ 41.6		2320		
7 60	9	26 ³	7400	४४४.୦				666.0		40.0		40.0		+ 626.0		40.0		
33 + OD		274	1.0740	965 6				966.6							- 1.058.3	0		
+ 40	, ,		1.4240	1,2816				1.281.6							7 223 3	0		
+80	F		1.170.0	10430				1.053.0	1	220		220			+ 1,254 3	220		
17+20	4	7.8	7500	405.0	1:			405.0				.622.0			+ 1,037.3	405.0		
t 60	7	10	176.0	158.4			•	158.4		3,5600		3,560.0			- 2,364 3	158,4		
35 +00	6	10	400	હેે. ♦				૩૬.૦		85120		8.5120			- 10,840.3	360		
+40	,	0.5	७०७	27.0	i.i.			27 0		113040		11.304.0			- 22,117 3	270		
<i>†80</i>	•	0.5	200	18.0				18.0		11.632 0		11.6320			- 33,731 ³	180		····
36 +20	*	0.7	24.0	21.6				21.6		11.980.0		11,480.0			- 45,189.7	21.6		
<i>t</i> 60	4	0.6	260	23.4				23.4		10.160.0		10,160.0	1		- W,328.3	23.4		
37 +00	\$	1.0	320	188				28 8	1.			2,9440			- 60,2415	28.8		
140	. 9	73	1660	149.4	: .			149 4		6160		616.0		- 465.6		149.4		
+ 80	7	0.5	\060	140.4				140 4				2.016.0			- 62,583.7	140.4		
38+20	4 .	0,5	20.0	180		· i.		180			2,777 \$	2,7025	583 1			801.1		
760	,	1.0	30.0	27.0				270	1			7.376.0	700		- 72,034.1	27.0		
39 +00	4	10	400	. હહ. ૦				360		7.3920		7.392.0			- 79,390	36.0		
140	<i>}</i>	24	680	812		. :		6/2		7.2720		7.272.0			- 86.600.9	61. 2		
180	,	1.0	680	61.2	**************************************			612		6,9120		6,912.0			- 93,751.7	6/2		
90+20	4	10	40.0	36.0				360		5.6880		5.6880			- 99,103,7	36.0		·
+60		10		36.0		 		360		3,000.0		3,000.0	- · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	-102,067.7	36.0		
91700	\$	24.2	5040					453.6				7/20		- 1	-102,326 1	413.6		·
140	\$		13980			:		1, 258.2		78.0		48.0			-101,115.9	48.0		
+80	,			2.435.7				2 4354		<u> </u>		7.0.	· · · · · · · · · · · · · · · · · · ·		- 98,680 S	0		
92 +20	6			3,528.0				3,528.0			·				- 70,800 ·			
+60	,		4,496.0	T. T				3,1464			3				-92,006'			
13100	,		1.8360					1,6424		40		40		7.3 (4.3)	- 90,3577	9.0		<u></u>
140			1640	·				5076				\$16.0			- 90,365.	5076		
UBTOTAL	7.			19.683.6				30/4	40.0	V/0.		1/0		- 0 /	- 10,060.	40/,-		•

STATION	DISTANCE		(3011)	x 0.90	CUT	(ROCK)	× 1.15	TOTAL	EMBANK		~~~uatiou		PT-11ST		ACCUMULATEL		
	1	SECTION	NET VOLUME	CORRECTION VOLUME	SEC710N	NET YOLUNE	CORRECTION VOLUME	701746	SECTION	NET VOLUME	DEDUCTION	TOTAL	VOLUME	BALANCE	EARTH WORK QUANTITIES	SAME SECTION	
43+40		48							32.5					-	- 90,366.1		
+ 80	1000	ی ه	1060	954				954	75.8	2,048.0		2,048.0		- 1.9526	- 91,318.7		£
44+20		ک ن	200	180		<u> </u>		180	1040	3,616.0		3,616.0			- 95, 9/6		
+60	"	01	120	10.8				108	113.0	13400		43400			-100,245.9		
45 +00	11	0. 1	40	ું હ				હ ઇ	945	1.1500		4.1500		· ·	-104,3923		
1 70	/	0.9	20.0	18.0				180		3 14.30		3,1460			-107,5203		
† 80	3	0	180	16.2				16,2	764	1 1840		2,1840			-109.688		
46 + 20	3	· · · · · · · · · · · · · · · · · · ·	1040	936				93, 6		11520		1.150			- 110, 746.		
+60		40.8	9200	3230		·		3280	0	2240		2840			.110,142.5		
47 + <i>0</i> 0	4	478	1.6720	15048				1.5048							- 108,637.7		
+40	,	32.8	15120	1.3608				13608			*				107.276.9		
+80	. , ,	36.4	13840	1.245.6			."	1.845.6	,						- 106,031.3		
13 + 20	*	ઝ ૩ 2	1.3920	12528	ı			1.2528						*	-104.778	1	
760	3			1375.2				1.375.2							-103,403.3		
49+00	3	i : 1	20720					1.864.8							-101,438,5		
<i>† 40</i>	\$ e.			2,239 8				2.239 2					· •		- 99 2993		
+80	•		25280	3 .				2,275.2					i				
50+20	٠, ١٠٠		23640					2.1276	:			·	. [- 97,024!		
+ 60				1,93/4				19314				· · · · · · · · · · · · · · · · · · ·	1 1 1		- 94,896 S		
5/700	4		1	1.9656				1.9656					1	1	- 92, 965.1		
+ 40	.4			21546				2,1546			1. 1.	١			-90,999.5		
†80				2,822 4				2.8224							- 88.841.9		
52 + 20	3			4.080.8		,		4.080.8	. '				i		- 86,022.5 - 81,9617		
160		172.3		5.464.8	0			5.4648									
3 tw	4		7,5040		2.8	560	6 9 4.	6,818.0					· . 1		- 76,496.9		
+ 70	9		8,8320		0.7	700		8,029.3						i	- 69, 678.9		
t 60	20.000		7,0900		0.7	140		3,6521		:					- 61, 649.6		-
<i>t 80</i>	4			3,2328	0	70		3,2409					. 1		- 57,997 \$		
5++00	,		4.168.0		05	5.0		3,757.0			· 		i i	1	- 54,756.6		
120	1		7,672.0		09	140	***************************************	4.220.9	· ·	 				1	- 60,9996		
140	4		4.8640		25	340		1.416 7					1	. [-46,7787		B RAMP RE-USE VOLUME 4.245.7
760	,		4.748.0		40	850		43480		:			1		-38,1153		D KAMP VOLUME 4,246.7
780	a	ì	1,5880		£ 7			4,2408	<u>-</u>						- 33, 7673		
111 50	40.000		9,2960	- T		5100		8.952.9				· ·	- T-		28,526 5		RE-USE
+ 6O	70:000		9.5760		16.6	728.0		2.75.6					- 1		- 14,862 3		E RAMP VOLUME 5.911.3
\$6+00)	2		9,808.0	8,8272	23.1	7940		2.740.3							· v.or8 9		G RAMP RE-USE 1478 RE-USE
	20.000]	1.0640	7.557.6	21.3	1110		V,068 ?		-			1		1 9,490.8		F RAMP VOLUME 4.809.4
UBTOTAL														V.068.	14,559,0		
MOIVING			119,340,0	107.406.0		1030.0	3,233.9	110,539.8		20,830.0	<u> </u>	20,860.0	15. 115. 2			779.6	

CTATION	DISTANCE	CUT	(30/1)	x090	CUT	(ROCK)	x 1.15	TOTAL	EMBANK		DEDUCTION	37.43.77.41.1	RE-USE	m 0 1 11 1 1 4 F	ACCUMULATED	REMOVAL	
577/77014		SECTION	NET VOLUME	CORRECTION VOLUME	SECTION	NET YOLUNE	COPRECTION VOLUME	707AC	SECTION	NET VOLUME		70142	VOLUME	BACHNCE	EARTH WORK QUANTITIES	SAME SECTION	REMARKS
JS+20		इराइ ६			2/3										+ 14.5590		
+40	20.000	246.8	5,0240	75216	18.7	400,0	750.0	4.981.6						14.901.6	7 19,5426		
+60	9 .	2720	V.188.0	46692	17.1	3480	411.7	5.080.9						+ 4.080.9	7 24 6215		
+ 80	4	2588	5.308.0	9.777 2	20.0	37/0	4267	5.203.9					13,63/5	+18.7355	1: 43,317.0		D RAMP RE-USE 13. 531.5
57+00	"	246.3	5,0560	4.5509	23.6	436.0	501.4	5.051.8					7,471.4	+12.523.2	+ VV,880 2		C RAMP VOLUME 7.47/.4
+20	3	2404	4.8720	43848	259	2820	3243	4.709.1	l					+ 4.709.1	+ 60,589 3		
+40	3	2228	4.6320	4168 8	21.0	4690	V39.7	4.7082		·.					y 65.2875		
<i>+60</i>	4	198.2	7.180°	3,7620	10.7	3/70	364.6	4.1266					"		+ 69,724.1		
+80	4	301.6			8. ర	193.0	222.0	4,693 E	,						1 74. 117.3		
58+20	40.000	4696	15,7240	13,881.6	12.8	4280	1 922	14.373.8							+ 88, 491.1		
+60	4	46/2	18, 816.0	16. N7 A	V 2	3600	4140	17,168.7							1105,657.5		
59700				15,609 6	10.0	5040	5796	13.1892					16.164.8		1 18,013.5		H RAMP YOUNT 16,184.8
+40	*			13,337.4	728	1.8560	2.134.4	15,4688	. 0						110,4823		
+ 80	*			7,444.8	6.0		}	9.257.2	41	380		880		1 ·	1162,641,4	1	
60 + 20	*	1		1.8656	0	1200	•		33.2	7520		7120			7 163,904.1		
+ 60	,	23,7			1			37 4 .8	\$7.2			1,8080			+ 182,970.9	8743	
+37	27.000							4836	66.0			1.8632	:		+ 161,791,3	4836	
	BRIDGE																:
SE + 82		122						1	95 %			:		1	+ 161, 791. 3		
63 + 60	18.000	T	219.6	197.6				1976		1.726.2		1,726.2			1160,262 7	197.5	
+ 20	80.000				0			2448		15810		13840			1 18,9235	2448	
7 40	7	424	5740	516.6	0.8	8.0	92	\$ 252		6250		625.0			1 18,824.4	\$25.8	
7 SO	4	97.6	1.4000	1,2800	8.4	920	1058	1.3658							1160,190.1	0	
+80	٠.			1.969 2	09	93.0	1070	2,076.2							+ 162,266.3		
64+00				2,383 2	0.5	140	16.1	2.399. 3						·	1164.665.6		
t 20	4	185.3	3,088.0	2,779.2	0.7	120	8 پير	2,793,0							7187,7886		
+ 40	. 4	2944		4.136.4		37 <i>0</i>	426	1.1790							+171.637.6		
+ 60		3096	5,040,0	5,4360	0	300	345	5.4705							1177,1081		
† 80	,	1472	4568.0	4.1112	30	300	345	4,1457	0				·		1181,253.8		
SV + 00	۶	38.0	1.8520	1.666.8	2.8	(8.0	66.7	/ 733.5	87	87.0		87.0			1182,900.3	87°	
+29	29.000	8.7	669.9	802.9	0	40.6	16.7	649.6	<i>3 0</i>	189.7	·	169.7			1183,380 t	169.7	
	BRIDGE										:					1	
35 + 57		d 1							307					-	7/83,380 ?		
+80	23 DD		147.2	1325				/3Z V	フ ゟ	4370		4370			+183,075 7	1325	
66 + ∞		6.1	128.0					1152	1448			15240			1181.666.9		
120	0	6.7	125.0	1125				112.5	11.2	1.5600		1.560.6			7180,219.4		**************************************
140	,	228						2628	/ 3	185.0		125		1	1/80,057.2		
SUB TOTAL				131,4819		anand	9.297.6	1 1 1		12.1491			17,1878			3,908	
	<u></u>	<u> </u>	(/70,07/.*)	(141 <u>75)</u>	<u> </u>	1. 2. VQZ 3	<u> </u>		<u></u>	16,177.	<u> </u>	_/ <u>5/77/</u>	01,/0/01			3,700.1	

	REMOVAL	ACCUMULATED					HENT	EMBANK		× /. /5	(ROCK)	CUT	x 090	(3014)	CUT		
REMARKS	SOIL IN	EARTH WORK	BALANCE	RE-LISE VOLUME	TOTAL	DEDUCTION	NET VOLUME	SECTION	TOTAL	COPRECTION			CORRECTION		SECTION	DISTANCE	STATION
the same of the sa		+180,357.2			***************************************			7.8				2			22.8		66 + 9 0
	23.0	1181,4357	1 1,078.5		23 0		230	, 0	1.101.5	3.5	<u>ئ</u> . ٥	03	10980	1.220.0	99 8	i	+ 60
	. 540	1183,6835	+ 2.137.8		170		59-0	44	2.2918	3.5	<u> </u>	0	2238 ³	z 187.°	149.5	, :	+ 8O
	92.0	+ 186,369 2	1 2.745 7		920	· · · · · · · · · · · · · · · · · · ·	72.0	ع بـ	2831.1				2837.7	3.153.0	165 ⁸	*	67 + 00
	1550	1/89.091.8	1 8,7226		1520		152.0	10.1	2.874		, ,		2.874.6	3.1940	1,53.6	,	+ ZO
	268.0	7191,0810	+ 1.9292		268	· · · · · · · · · · · · · · · · · · ·	268.°	16.7	2.257				22572	25080	97.2	3	<i>t 40</i>
	3880	+ 192, 127.8	+ 1.0468		368		368.0	20.7	14148				17148	1.572.0	60.0	.,	+ 60
	1840	1192,4322	+ 304 4		1840		484.0	28.0	788.7			·····	788.9	876. ⁰	27 6	,	+ 80
	248.7	1191,3386	- 10936		1.3420		13720	706. ²	2907				z48 ⁴		0	"	68 + OO
	1000	1189,561.6	- 1,7770	··	1,777.0		1777.°	/7/.S	0					*.*		,,	+ 20
	U	1185,714.6	-4.1470	···	4.1470		111-7.0	273.2	5								+ 10
	198	7179.834.4	- V. 580. 2		5,600.0		151000	3/6.8	19.8		·		19.8	22.0	2. ²	.,,	<u> + 60</u>
	7368	+180,648,8	+ 8147	1,4090	73 é ^E	4.639.2	\$376°	2208	1922				,4Z ^z	1.58.0	/સ.૯	"	+ 80
	230.4	+175,9972	- 4,551.6		4,8820		4882°		2307				230,4	256.0	12.0	,,	69 t 00
	1080	+ 170,179.2	- C.8180		5.9260		59260	325.2	1080				1080	120.0	0	. 6	t 20
	0	+163,355.2	- 6,324:0		6,324.0		63240		0							<i>"</i>	+40
	2	+158,223.2	-5,6320		5,6320		5.632.0	2560					· .				+ 60
	1 1	+155,663.2	-2,5600		2,5600	·	2500	٥									7 80
RE-USE M.T. D. RAHIP VOLUMED TH3.		+148.500.2		- 7.163. P	0		0		:								70 + 00
EXTRA-BANKINGS/808.0	0	+ 98.0233	_		[51.7080									100 000	71 +00
M. M. ROAD RE-USE 125 840		+ 2/8.8639														<i>60 000</i>	+ 60
M. Mr ROAD VOLUME 175, 340 C	0	+ 222 516.7	+ 3 652.8	1914.9	0						: '					40 000	72 +00
1 1 1	0	+2225167			. 0			·	:							100.000	73 +an
4 - 3 - 1 - 1		+ 222 516.7		,	0		,	0	0					eggister i de les	<u></u>	NS 000	
		+ 217659.7			4.8625		4.862.5	389, ²	5.7				5.7	૮.૩	0.5	25 000	+90
	1	1 201.837.9			12.8900		12.840.0		18.0				· 18.0	20.0	0.5	40.000	÷80
		+200,034.9			7.8120		48/20	i i	9.0				9.0	10.0	0.5	20.000	
		+196,0200			7.0327		40329		18.0				ر ان کار		0.5	40.000	
	1	+ 192.323. ⁵			3,7060		3.706°		9.0				9.0	10.0	. 1	20.00	- 1
	1	+189.357			2.9847		2784.1		12.0				18.0	Z∕).¢	O.E	40.000	
, and the second	1	+ 186 698.1			2.6680		2.668.0	. 1	9.0				9.0	10.0		20,000	
	1 1	+ 184.3475	1		2,366.6		2.366.6	-	18.0				18.0	20.°		90.000	
:		+ 182.055.5	1		2,3/20		2312.0	- 1	18.0				78°	20.0	0.5	· 1	16 + 00
	i [-	+ 181 3747			2/5 9		715.0	0	5.7				15.9	6. ⁵		/Y. 000	,,
														:			
	. +				:					-							
	2,9130			120 0705	13.4747	7.639.	1381139		17.373.7	-,0	6.0		14 3867	15.984.8			UBTOTAL
		+1813469			1	16,5227	-	· . [924.065.7				404,132.3	1 11	;		TOTAL

	CUT	(3014)	CUT	(ROCK)	707	-AL	EM.8	ANKMEN	7	RE-USE	t	REMOVAL SOIL IN		
DESCRIPTION	NET VOLUME	CORRECTION VOLUME		CORRECTION VOLUME	NET VOLUME	CORRECTION VOLUME	EMBANKHENT	DEDILCTION	TOTAL	VOLUME	BACANCE	SOIL IN SAME SECTION		
ACCENT ROAD	6.6121	5.9509			6.612.1	<u>£930.9</u>	17.929 2	L-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-	1772 9 .2		⊝11978 ³	24678		
BOX CULVERTS								339.E	⊖ 337 ⁵	4988	① &3&. ³			
				A ALUES TO THE STATE OF THE STA					A PARA IN THE BUT AREA IN THE					
TOTAL	6612 ¹	5.9509			6612.1	5.JU) ⁷	17.727.2	337.5	17.589.7	4983	911.140.º	29478		
,				•									1	
									: 1		· · · · · · · · · · · · · · · · · · ·			
				, :				1						
				-										
	N.E.N.W. W. W. Tradicion de la constanta de la				Name to the state of the state									

STATION	DISTANCE	CUT	(3011)	x 0.90	CUT	(ROCK)	x 1.15	TOTAL	EMBANK	HENT	DEDIVERSH		PF-119F		ACCUMULATED	REMOVAL.	
07777.30		SECTION	NET VOLUME	CORRECTION VOLUME	SEC710N	NOTUNE NEL	COPRECTION	-3	SECTION	NET VOLUME	DEBACTION		VOLUME	BACANCE	EARTH WORK QUANTITIES	SAME SECTION	REMARKS
0 + 13	0.000	16							629								
7.60	4700	16	70 °	d7 7				87.7	62 9	2,216.3		2,956.3		- 2.888.6	- 2.888.6	67.7	
+ 80	20.00	2.6	420	378				37 8	હે€. ′	9000		950.0		- 912.2	- 3.8008	37.8	
1 +00	4	10	36.0	324		ļ		32.7	29.6	617.0		617.0			- 7.385 4		
+ 20	. 4	1, 7	27.0	27 3		` .		24 3	130	.860	·	486.0		- 461.7	- 4.8471	243	
t 10	3	ડુ ક	000	250				750	7 4	265.0		265.0			- 5,067.1	25.0	
+60	4	60	930	<i>8</i> 3. 7				83.7	ુ . ^ફ	127.0		107.0			- 5.090 A	83.7	
+80	7	4.6	106.0	95.4				95 4	10.9	14.7.0		1410			- c, 1360		
2 100	ý.	30	75.0	68.7				63.4	1			275.0			- 53426	68.4	
+40	40.000	13	960	36.7				36.4	24-4	820.0		830.0			- 6,0762	86. 4	
7 60	10.00	21	39 0	1 20				34.1	103	6970	3/7.7	329. 3			- 6,0671	329.3	
7 80	. //	19	40.°	360	·			36.0	363	766.0		766.0			- 6.7941	360	
3 + 20	40.00	16	70 °	63.0				63 0	20.7	1.1900		11400			- 7.8711	630	
+ 60	4	4.6	124.0	1116				1116	23.5	1		384.0			- 8.6435	111.6	
4 +00	4	7.7	126.0	113.4			•	113.4	22:1			9120			- 9,4721	113 4	
+ 40	"	1.9	720	648				64.8	15.9	760°		760.0			-10.137.3	64.8	
+ 80	4	130	2980	268, €				268.2	0.2		: .	3220			- 10,191.1	1882	
5 too	20.000	169	2990	269.1				269.1	0	2.0		2. c		i	- 9,9230	20	
130	, .	22 6	3950	ر مرد د				2555							- 9.5685	0	
140	4	18.4	\$10.0	959.0				459.0						· }	- 9,1095	0	
+ 60	,	28.4	568.0	511.2				511.2							- 8,598 3	. 0	
130	4	26.9	V43.0	197.7				497.7							- 8,100.6	0	
6 +20	40.000	17.7	8920	3028				802 8	0						- 7,297.8	0	
+60	4.	25	5440	439 6				4896	0 2	40	*	70	. 1	1	- 6,818.2	1	
1 +00	1	30	2000	2250				2150	1	360	·	36.0			- 6,623.2	36°	
7.70	4	0.5	70.0	63.0				63, °	8 (2020		2020			- 6.762 ?	130	
+80	1	0.5	20.0	18.0			· 	18.0	123	4260		426.0			- 7,170.2	18.0	
8 +00	20.000	0.5	100	90				9.0	11.0	238.0	21.8	216.3	1925	- 147	7,1849	101.5	
t 20		7.0	750	87. V				675	1-7.5	suc o		2000		- 187.5	-7,3727	67.4	
160	40 000	0	1400	126.0				1260	11 4	C/8.0		5/8.0			7,764.7	1260	
9 +00	"	0	0	0				0	v 9	3780		3460		346.0	- 8,110.4	0	
110	1	19	380	37.8		·		34.2	0. 4	128.0		1280		- 93.8	8,204 2	3-72 2	
180	4	0.7	76.0	419				41.4	17	440		440			- 8,208.3	414	
10 + 20	4	0.7	16 0	14.4				11.4	18	70.0		70.0			- 3, 262 4	14.4	
1.60		0	8.0	フ さ				7 2	8.7	210.0		2100			- 8,465 2	7. 2	:
1110	,			6				0	191	0.622		4480			9.021.2	0	
1 10	, ,								101	1920		5920			9,6/3 2	0	
SUBTOTAL			5.8072	5,213.3				5,2238		15,676.3	339.4	15.336.8	498.8		- 9,613.2		

CIATION	DISTANCE	CUT	(30/1)) x 0 90	CUT	(ROCK)		TOTAL	EMBANK				OT JUST		ACCUMULATED		
37777011	entere entere communications	SECTION	NET VOLUME	CORRECTION VOLUME	SEC710,N	NET YOLUNE	CORRECTION		SECTION	NET VOLUME	1	70144	VOLUME	BALANCE	EARTH WORK QUANTITIES	SOIL IN SAME SECTION	
11 + 40			:						10.5					المساوية والمراوية والمراوية والمراوية والمراوية والمراوية	- 9 6/3 2	-	
+80	40.000	0.1	18,0	16.2				16.2	30	270.0		270.0		- 2538	- 9,867.0	·	
12 + 20	"		90.0	U6.0				36.0	30	120.0		120.0		- 84.0	- 9.9510	36.0	
+ 40	20.000	0	11.0	99				99	7 2	72.0		72 0		- 62 1	-10,013.1	99	
+80	40.000	24	48°	43. 2				43.2	1.0	1040		1040		- 60.3	- 10,073.9	43 2	
13+00	20.00	0 /	ev. 0	22.4	· .			225	41	4/0		5/0			-10,102.4	55 1	
+ 40	40.000	0	2.0	18				1.8	2.9	1500		140.0			-10,240.6	1.8	
† 30		0.5	10.0	20				90	2.8	1170		1140		- 1050	-10.345 6	90	
14 + 20			10.0	2.0				9.0	6.4	184.0		184.0			-10,520 6	90	
T 60		0	0	0.				ø	V 8	27.9.0		244.0		- 2440	-10.764 6	0	
15+00	٠٠	0.7	14.0	126				126	23	1620		1620		- 1497	-10,9140	126	
+40	,	0	120	12.6				12.6	7.9	204-0		2040	·	- 191.4	-11.105.4	126	
+ 80		0.3	6. 0	<u>v. 7</u>				5.4	٧. ٧	260.0		260.0		- 254.6	-11,360,0	V. 7	
16 + 20		0.6	18 0	16. 3		·		16.2	28	180		158.0		- 14/8	-11,501.8	16.2	
t 60	1 3	2 /	140	18 6				786	0. 1	(3.0		\$8.0		- 9.4	-11,511.2	48.6	
+ 80	20.000	0.6	27. 0	243				243	19	20.0		20.0	10.7	1 1 3	-11,5089	20.0	
17+00	7	0 '	7.0	<i>હ</i> . ₃				63	1.8	370		370	·	_ 30.7	-11.037.6	6.3	
<i>† 40</i>	40 000	30	620	8 22				8,50	0.3	42.0		420		7 13 8	-11,5238	720	
† 80		<u>v 8</u>	176.0	1584				158.4	0	6.0		8.0		+ 152.4	-11,371.4	6 0	
18 + 11500	91.840	110	265.9	2393				239.3	0.5	79		7.9	·	+ 231 4	-11.1400	29	
	<u> </u>																
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		<u> </u>	-														
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SUB TOTAL			8079	727 /			· · _ · _ · _ · _ · _ · _ · _ · _ ·	727 /		105.9		4 0 () 0		1			
								727.1		2.253.9		1.2539				J25.2	
TOTAL		L	6,6/4.	v,9509				5.900 8		17,929.2	339.5	17.589 7	7938		11.140.0	2,4678	

-147 DT. O. /	CUT	(5011)	CUT	(ROCK)	707	TAL	EHB	ANKHEN	7	RF-USF					
DESCRIPTION	NET VOLUME	CORRECTION VOLUME	[CORRECTION VOLUME	NET VOLUME	CORRECTION VOLUME	EMBANKHENT	DEDUCTION	TOTAL.	VOLUME	BALANCE				
										· · · · · · · · · · · · · · · · · · ·					
B-RAMP	1.569.7	41125	127	143.5	4.691	4-255.6	9.3		9.3		+ 4246.7	<u> </u>	: .	· · · · · · · · · · · · · · · · · · ·	
C-RAMP	8.166.8	7.6201			8466	1.620.1	148.7		148.7		+74714				
D-RAMP	14 603 8	13.1707	314-0	361.2	14.9476	13.5316		***************************************			+13.531.6	:			
E- RAMP	7.378	1 6.6 70 .5		N 118	7,378.	6.640.E	729.2		729.2		+ 5.911.3			:	
F - RAMP	6053.4	5.418 ²	· · · · · · · · · · · · · · · · · · ·		<u>6.053.^k</u>	5448 ²	63 <i>8</i> .&		£38.8		+ 4.8094				
G-RAMP	<i>L</i> 12. ^L	577.8	<u></u>		612.b	577.8	430.0		430.0		r 117.8				
H - RAMP	18.228.8	14.605.9	1.368. ⁶	1.573.2	17.5968	16.179.1	14.3	· · · · · · · · · · · · · · · · · · ·	14. 3		+ 16 164.8	· · · · · · · · · · · · · · · · · · ·			1
TOTAL	57.972.8	52,175.9	1.8068	2.077.9	59,779.6	54. 253 ⁸	1970.5		1970.3		D52,283°	· · · · · · · · · · · · · · · · · · ·			
															· · · · · · · · · · · · · · · · · · ·
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COROMANDEL I.C. (1)

CTATION	DISTANCE	CUT	(30/1)	x090	CUT	(ROCK)		TOTAL	EMBANK		DEDINTINU		RF-USF		ACCUMULATED		
3141101		SEC TION	NET VOLUME	CORRECTION VOLUME	SECTION	NOLUNE.	CORRECTION		SECTION	NET VOLUME	DEDUCTION	10146	VOLUME	BACANCE	EARTH WORK QUANTITIES		REMARKS
(B) 4+14	0 000	81.2			7.8								1				
<u></u>	<u> </u>	81.2	487.2	438.5	7.8	43.8	<u>5 E.D</u>										
8	20.000	788	1, 600°	1.440.0	0	730	89.7					-	ļ		· · · · · · · · · · · · · · · · · · ·		
	4	50.0	1.2880	1.159.2								·					
8	· · · · · · · · · · · · · · · · · · ·	23 ડ	73d.0	552 4											:		-
9	3			2799				<u> </u>	<u> </u>					<u> </u>			
10	<i>'</i>	او بي			, –				2.0	50		<u>,</u>	!				:
10 +85	3 400	9 بي	ડ દા		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				0.5	43				ļ			
TOTAL			1539.7	+.112.S		124.8	1735	4 256,0		2.3					+ 4,246.7		
'				Marrier of Arrive - Vancative Philadelphia has no should be North								-			······································		
		·			·			·									
	· · · · · · · · · · · · · · · · · · ·		 -	<u> </u>												·	
2.5				-											:		
							·				·						
(0)								~~~ <u>~</u>									
(0)	0.000	73.4. 6							· · · · · · · · · · · · · · · · · · ·					- 1			
6	20,000	1		2,2088				·							:		
7	3	1		17388					<u> </u>				-				
8	3	1		1,3428		· · · · · · · · · · · · · · · · · · ·				:							
9		!		1.018.8				·				<u></u>					
10	<i>'</i>	1	1 1 1 1 1 1 1 1 1	7020	: .												
// -:	3	15.6	460.0		1				0								
12	,	27	1830						0.7	70			<u></u>	. :			
/3		2.0	320						7 ?	79.0						1 2 2	
13 + 7.6 TOTAL	7.330	0.5	૩ 8 <i>8,4</i> દેઇ ⁸						7. 2	\$7:7 							
19175			8,980.0	7,620.1				7.620.1		148.7		148.7			+ 7.47/ 4		
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		L		[<u>-</u> l	[<u></u>						

COROMANDEL I.C (2)

	DISTANCE	CUT	(3011)		CUT	(ROCK)	x 1.15	TOTAL.	EHBANK		DEDUCTION	~~~~~~~.	RE-USE		ACCUMULATED			
317111074		SECTION	NET YOLUME	CORRECTION VOLUME	SECTION	NET VOLUNE	COPRECTION		SECTION	NET VOLUME		10146	VOLUME	BACANCE	EARTH WORK QUANTITIES		REMARKS	
									ļ				, , , , , , , , , , , , , , , , , , , ,					
(D) 8	0,000	159.2			14.4													_
9	20.000	15/2	3,104.0	2,793 6	30	2240	257.6								:			
10	,	130.8	2,8200	2,5380	05	250	97.8											
//	3	100.4	2,3120	2,0808	0	0.0	48					:						
12		84.1	1.8480	1.333.2												<u> </u>		
13	,	61.6	1.4500	13140														
14	3	75.2	1.0880	961.2												************************		
13	3	776	9280	835.2														\Box
16	,	216	6920	622.8														\int
	10.600	21.5	7018	3616														
707AC			146338	13,1709		3140	361.2	13,53/6		0		0			+ 13,5316	:		
															<u> </u>			
																_		
(E) s	000	148							3									
7	20 000	148		266.4														7
8	,,	29.2			T				0									
9	4	7.7							80	80.0								
10	11	0.4							88	1680								1
17	"	1.0	150	کی در					76	164.0							. :	
12	"	14.4	N40	678 6	:				0	76.0	·							7
12 + 18	18.000	160		732 2														
	BRIDGE																	7
15+4	0.000	0.5							0 3									7
16	16.000	22.0	180.0	162.0					1.6	152		·						7
17	20.000	623	843.0						:47	630								7
18	11	61.6	1.2390	1,114.1					0	470					:			7
19	1	10.4							27	270								
20	2	11.6							0.7	340								7
21	4	240							0	7.0								1
22	"	20.3	4480															7
23	1	18.8	3960		10 1, 10					1. 1.								1
23 + 1/	11.000	18.8																7
TOTAL			7.378.4					8,8405		729.2		729.2			+ 5,911 3			7
																		7
	 																	7
											:							7
[<u> </u>	<u> </u>	للمنسمين	L	L	l		L.,	<u>, </u>	L	<u>. </u>			L	L		L	

CTATION	DISTANCE						× /. //\$	70701	EMBANK		m yaya		ימי באופרי		ACCUMULATED		
)// //O/V		SECTION	NET VOLUME	CORRECTION VOLUNE	SECTION	NET NET	CORRECTION VOLUME	TOTAL	SECTION	NET VOLUME	DEDUCTION	TOTAL	NOTAHE	BALANCE	EARTH WORK QUANTITIES		REMARKS
(F)10	0.000																
	0.000	0			<u> </u>				11.6			<u> </u>					
	20.000	0.2							134 3								
12	7	70.0				:		·····	Q	1930				·····			
13	,	540			1.	· · · · · · · · · · · · · · · · · · ·											
/ \	4	26 4	i	1.0413	1												
15 +10	10.00	3 ð	8040		i							· · · · · · · · · · · · · · · · · · ·					·
70 770	70.00	<u>o.o</u>	1760	153.4	<u> </u>		 	· · · · · · · · · · · · · · · · · · ·									**
17 + 18	0.000	0															
18	1.000	d 8	ડ 8	≼ ′					6.4								
19	20.000	28.0		V 69. 7					5 4	12.8		<u>,,,</u>				· · · · · · · · · · · · · · · · · · ·	
20	70.00	80.6	ı	1.013.9					40 33	76.0							
2/	4	8.8		i i			 	 -	0.5								
21+6	5.000	8	40.8						0.5	9.1.0						·	
TOTAL				5,4482				5,448.2		638.8		8					
							:	3, FF0		630.0		638 8			+ 4.809.4		
		1. 1.								-							
	•																
(G)	0.000	16															
	20 000	3.3	490	17.					0								
2	"	30	113.0	101.7					10	100							
3	"	0	80.0	720					18.9	1940							
7	4	140	1100	1260					20	2040							
<u> </u>	"	42	1820	1638					0'	210			.				
_ 6	"	3.6	78.0	70.2					0	10							
TOTAL			6420	8,772				5778		430.0		430.0		-	+ 147.8		
	<i>a</i>		n i														
														<u>+</u>		2.1	

COROMANDEL I.C (4)

STATION	DISTANCE	CUT	2	x090			x 1.15	TOTAL.	EMBANK		מבטעונדעון	~/\T/A/	RF-USF	50 A L D 1 L A F	ACCUMULATED		
<i></i>	CONTROL OF THE PROPERTY OF THE	SECTION	NET YOLUHE	CORRECTION VOLUME	SECTION	YOLUNE.	CORRECTION VOLUME		SECTION	NET VOLUME	Devaction	10145	VOLUME	BACHNCE	EARTH WORK QUANTITIES	:	REMARKS
(H) _{B.}	0.000	N2.8			78.0									<u> </u>			
9	20 000		1	2,793 6			8740										
10	4			2,660.4		:	1 .									. :	
11	7	1		2.4480	1												
12	1	1 .	ł	2,120.4		28.0	1										
/3	4	1	1	1,6020													•
14	"	54.8	1.3120	1,180 8													
八	3	41.6		867.6	· · · · · · · · · · · · · · · · · · ·		ļ		ļ <u>.</u>								
16		3/. 2		1								:	<u> </u>				
	1	8.8		I			1		0				 				
18	**	1.6							/ /	110							
18 + 3	<u> ३,०००</u>	1 1 6		1		100	4~ 2 2			3 3			-		1 // 2	<u> </u>	
707AC	<u> </u>		18,228.0	14,605 9		1.368	1. \$73. ²	18,119,1		143		143	1		+ 16,164.8		
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To the second se	~ r (() Y) T () ()		CUT	(5011)	CUT	(ROCK)	707	AL	EH8	ANKMEN	7	RE-USE	200100			and the state of t	
wind Constant	DESCRIPTION		NET VOLUME	CORRECTION VOLUME	NET VOLUME	CORRECTION VOLUME	NET NOLUME	CORRECTION VOLUME	EMBANKMENT	DEDUCTION	TOTAL	RE-USE VOLUME	BACHNEE				
AND THE PARTY OF T	A - KAMP		2.5.59.5	2.303.1			2.557.°	2303	59720		5,9720		⊖૩.દ્ર(ઢી				
HATTAN DESCRIPTION OF THE PROPERTY OF THE PROP	B-RAMP	-	3701.0				\$.701.°										
o de la companya de l											1416.0		D 1914.9				
Company of the Compan	C-RAMP		1.956.0	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		1.9560	1.7609	22.5		22.5		€ 1.737. ⁹				
	D-RAMP		290.0	261.0			<u> 270°</u>	261.5	7.424.0		7.4-24:0		0 T.11.3.0				
	M,-Mz ROAD		136.297.0	122.667.3	2795.0	37440	139, 2920	126 111.6	2710		271.9		D125,810.				
	TOTAL		117.803°	130322.7	2.995.0	3.474°	147.198°	133.767.0	15,105. ⁵	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.105.5		Ð118.ŁЫ ⁵		•		
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	thing the desired year read, the special state of t													······································	The state of the s	THE SECTION AND ASSESSMENT OF THE SECTION ASSESSMENT	

STATION	DISTANCE	CUT	(3011)) x 0 9 0	CUT	(ROCK)	1	TOTAL	EMBANK		~~~UATIAL		DE118E		ACCUMULATED		
		SECTION	NET YOLUME	CORRECTION VOLUME	SECTION	NET YOLUNE	CORRECTION	101AL	SECTION	. / 257	DEDUCTION	70146	VOLLIME	BALANCE	EARTH WORK QUANTITIES		REMARKS
																	The state of the s
RAMP					ن بن المنظمة ا المنظمة المنظمة												
<u></u>								:			٠.						
15	٥	0./							3-1.0								
16	20.000		1.0	0.9	·	ļ			27	4,67.0							
18	10.000							·	11.6	1.80.0							
20	,								18.8	680							
Z/	20.000								20.8	395.0							
22	3							:	23.2	440.0							
23	*								24.0	472.0	·			,			
24					:				26.4	504.0		:					
25									323	1 .							
<i>z</i> 6									280	308.0							
27	4								26.7	541.0							
28		0							10.0	364.0	e ta						
<u>ॐ</u>	40,000			208.8		i-		• • • • • • • • • • • • • • • • • • •	0	200.0						1	
3/	ZO-000	56'R	371.0	હેહાર, ?	· · · · · · · · · · · · · · · · · · ·			~ · · · · · · · · · · · · · · · · · · ·									
AS,	,	38.0		571. ⁵										·			
33		700	_7&0°	702.0													
+14.50	13.500	10.0	540°	486.º												2	
											,						
TOTAL			2,559.0	z.&o.s. ¹	- , 			2.303.1		5.972.0		5.972.0			93.668		
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TATION	DISTANCE		(3011)	x 0.90	CUT	( ROCK)		TOTAL	EMBANKI		DEDUCTION	TOTAL	RE-USE		ACCUMULATED  EARTH WORK		REMARKS	
		SECTION	NET VOLUME	CORRECTION VOLUME	SECTION	NET	CORRECTION VOLUME		SECTION	NET VOLUME			VOLUME	1-578-1-2-4	QUANTITIES			
					*** ***		The state of the s											
3-RAMP	·				47,							<del> </del>						
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	<u>√¢.∞∞</u>	44.7		1 1								ļ						
12	ZD 000	27.	7/8.0	1								-	<u> </u>	<del> </del>				<del></del>
73.			194°									ļ	<del> </del>	<u> </u>				
14		11.6	<i>৬৬</i> ८.०							0		-	<u> </u>					
15	. ,	1.7	V73.0	219.7		<u> </u>		<u> </u>	3.2			<u> </u>						
16 17	<u> </u>	0.4	Z/.0	1		-	<b></b>		7.6		: i	-	-	<b> </b>				
	1.4	<u> </u>	4.0	1	i	<b>_</b>			11.6		1	-		+	<del> </del>			<del></del>
19	90.000	0.8	16.°		<u></u>	<del>-</del>	<b>_</b>		13.8		L .	<del> </del> -	+	<del> </del>	+			
20	20.000	6,3	and the second second	1					5.2		1	<u>-                                    </u>	-	<del> </del>				<del></del>
Z/		2 6	159.0				ļi.		1.8			<del> </del>		<del> </del>				
22		11.2	Z08.0	1		ļ		ļ	0.8		1	-		<del> </del>				
23	"	1,2	124.0	1		_	<u> </u>		7.5	2.3.4	1			<del> </del>		<u> </u>		
24		16.7	176.0	188.4				ļ	8.9	1	1			<del> </del>		ļ		
25	,	1/2	276.0						0.8	7			_	<del> </del>		ļ ·		
26	/	112	2240	201.6			<u> </u>	<b>\</b>	:08	15.0		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<del> </del>		
												<del></del> ,		<u> </u>	0.1019			
TOTAL:			3701°	3.330.9	ļ ·		ļ	3,030.9	<u>'</u>	1.416.0	<u> </u>	1.416.	·	ļ	D 1.9/49	<del> </del>		
· ·							ļ				ļ <u> </u>			<b>_</b>				
							ļ		ļ		<u> </u>		<u> </u>			ļ:		
•								<b></b>	<u> </u>		<u> </u>		-	<del> </del>		<u> </u>		
-RAMP						ļ <u></u>		<u> </u>		ļ		<u> </u>				-		··
								<u> </u>				<u> </u>				<u> </u>		<del></del>
Zナバ·	0	80	۵						0.7	-		<u> </u>				ļ		
3	5.000	8.0		35.0		<u> </u>			0.7	1	1		<u> </u>			<del> </del>		·
4	20.00	1 100	184.0	165.6					06	/3.0	<u> </u>					<del> </del>		
5	7	2Z, D		2916			<u> </u>	<u> </u>	0	60			<u> </u>			<u> </u>		
6	4	34.6	\$ 00 m	5/8.4						( ) ( )						<del> </del>		
7	2			748.8				1		1						<u> </u>		
																<u> </u>		
TOTAL.			1,956.0	1.7604				17607	H	22.4	5	22	5		D 1737.7	1		· · · · · · · · · · · · · · · · · · ·
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<del></del> _	<del>                                     </del>																	- · · · · · · · · · · · · · · · · · · ·
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MOTORWAY JUNCTION (PHASE I) (3) ACCUMULATED CUT (SOIL) x 0.90 CUT (ROCK) x 1.15 EMBANKHENT RA-USE STATION DISTANCE TOTAL BALANCE EARTH WORK DEDUCTION TOTAL REMARKS SECTION NET VOLUME VOLUME SECTION CORRECTION CORRECTION SECTION NET VOLUME NET QUANTITIES YOLUNE YOLUME VOLUME. D-RAMP 13+1256 .0 4.8 32.7 36° 99' o 4.8 7.5XX 480 93.2 1480 20.00 10.0 130.0 .26____ 57.7 8.0 118.8 22.7 1320 18 40.000 608. 20.000 12.0 517.0 26.8 30 2/ 276.0 22 23 238.° 32.8 24 504.0 25 208.0 26 1.316.0 736 0.8 27 620 1826.0 Z90.0 261.0 261.0 7.427.0 971630 707AL 7.1840 7

M. Mr ROAD

		CUT	(30/4)	x 0.90	CUT	( ROCK)	× /. /5		EMBANK	HENT					ACCUMULATED		
STATION	DISTANCE			,	SECTION		CORRECTION	TOTAL	SECTION		DEDUCTION	TOTAL	RE-USE VOLUME		EARTH WORK QUANTITIES	.*	REMARKS
0 1 70	0.000	0				<u> </u>		The second secon									
	10 000	76	76.0	18.4		<del></del>											
+ 80	,	13.6	2120														
1 + 00	4 P. C. S.	22.0			·												
	90.000	360		1.044.0		,											E E
+80	3	908		1,3829							<u> </u>			ļ			
2 + 20	4	540	1.896.0	1,706.4				· · · · · · · · · · · · · · · · · · ·						1			
+ 60	9	82.0	2,720.0	2,448.0													
3 7 00	1	1108	3,8460	3,470.4							:	ļ					
7 70	20.000	1390	2,498.0	2.248.2													
+ 40	//	1508	2.898.0	2,608 t							<u> </u>						
+ 60	4,	120.6	3,2640	2,9376					0				<u> </u>	<u> </u>		<u> </u>	
7+00	40,000	191.3	7,338.0	6,604.2				<del> </del>	1 5 5			1040		<u> </u>			
+ 20	20.000			2,967 3				· · · · · · · · · · · · · · · · · · ·	0.1	43.0		43.0				<b> </b>	
140	4	1		2,649.6	<u> </u>				0	1.0		1.0	· }				
+ 60	"	1 1		3,009. €							-		<u> </u>	<u> </u>		<u> </u>	
V +00	40.000	I	+ 1	7,048.8			-				<del> </del>		<u> </u>	<u> </u>		<u></u>	
+40	•	T		8,2800	L	1 .			<u> </u>			<u> </u>		<u> </u>		<del> </del>	
+ 80		1		9,018.8	1	F			<u>  ·                                     </u>					-		<u> </u>	
Γ .	20.000	1		4,388.9	1				-		ļ		<u> </u>	<u> </u>			
+ 20		1 '		7.397.2						<u></u>	<del> </del>		ļ				
+ 60	40,000			8.877.6		9820			0 1	100		10.0					
1 .	,	1	í	8,373.6	1		1		0. 3		1	70.	-				
	10,000			3,75/2	1		- f		0	2 0		20				<u> </u>	
+ 40				3,330.0		160		<del></del>			-				:		
+ 60		1		2,76/. 2	ì	/8	10.		-								
\$ + 80				2,2608													
	40.000			V,473 2	1												
1	20.000			3,196 8	1									. :			
1	40.000			V,407 2	1												
+ 40		1		3,902 4	T												
+80	1	1		1,440.8					0								<u> </u>
10 + 20				1,281.6					0 4	10.0		10.0				<u> </u>	
+ 60	· · · · · · · · · · · · · · · · · · ·	8.7		8 2 6 7					16	420		45 6			1 1 1 1		
11+00		75							05	420		72.0	<u> </u>	<u> </u>			
		1															The state of the s
TOTAL			136 2976	122,667.3		2,9950	3,4443	126,111.	4	2710		27/ 0	<u> </u>		+124,840.	1	

## DEDUCTION (BOX CULVERTS)

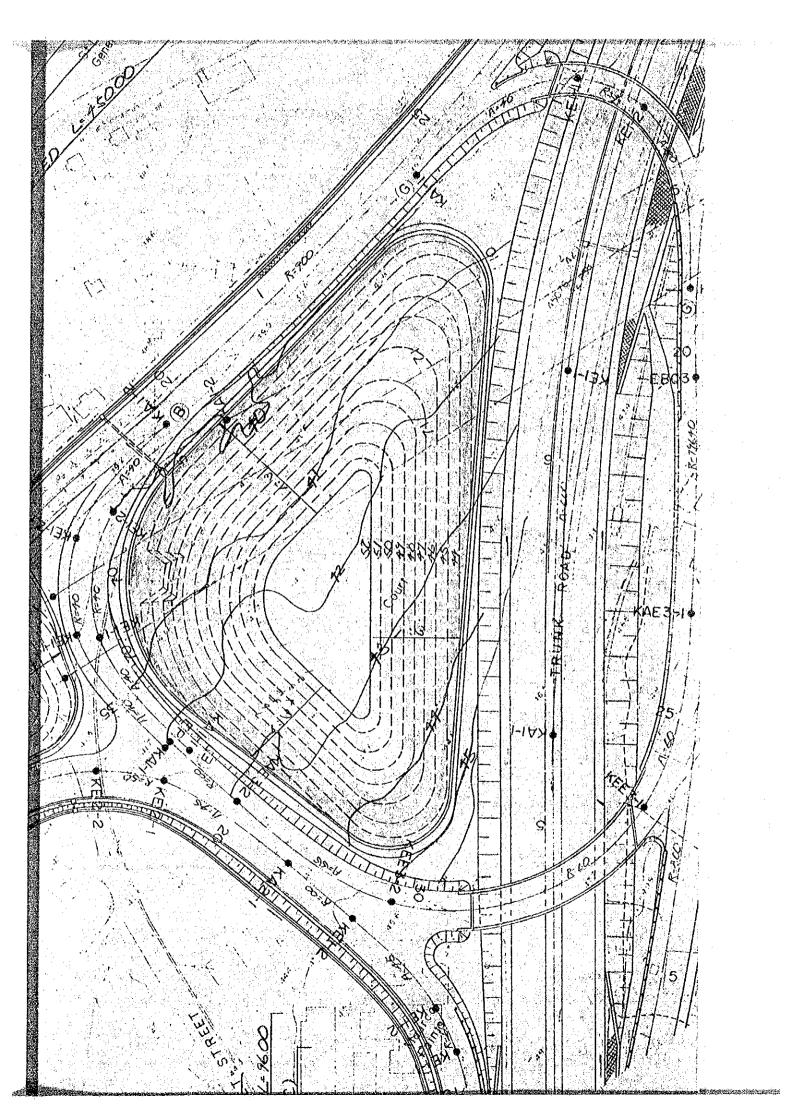
	MAIN	ROAD			
	TATION	DEDUCTION	RESIDUAL SOIL	USED VOLUME	REMARKS
7	A 9+37.20	3,599.7	2,363,5	2,127.2	
	A 13+9500	1.817.5	749.8	67 <del>4</del> 8	
	A 15+1340	1.133.9	219.5	1975	
	A 15+65.00	1.371.2	1220	109.8	
	A 27+82.00	3341	98.3	83./	
	1 30+73.20	7495	26758	2,408.2	
Z	A 38 + 20.00	2,7775	647.9	U83/	
	A 68 + 88.00	4.639.2	1,585.6	1.409.0	The state of the s
	合 計	15,522.7	8,4364	7,5928	

USED VOLUME = RESIDUAL SOIL x 0.90

ACCESS	ROAD

STATION	DEDUCTION	RESIDUAL SOIL	USED VOLUME	REMARKS
1A 2+6500	3/7.7	340.3	306.3	
4 8 + 00	2/8	2/39	1925	
合計	3395	S. 4.00	4988	

CONTOUR LINE HIGHT		BANKNY TOLUME AT	T PHASE (I) CONSTRUCTION	1101
1,812.0   1,818.0   1,588.0   1,588.0   1,588.0   1,588.0   2,432.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,816.0   2,81	MITOND LINE LIKELT	11/2117	BANKING	<b>TOLUIME</b>
12 0 1,812,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1,568,0 1	1000 - 111 - 11411 1			
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25.000.000.000.000.000.000.000.000.000.0	5/	0.7	1,824.0	1,568.0
\$ 2000 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	50		24320	2,728.0
17 17 18 17 18 18 18 19 10 10 10 10 10 10 10 10 10 10	49		8,200	2,8/60
15	43		4,000.0	3,600.0
15 15 16 16 17 16 18 18 19 10 10 10 10 10 10 10 10 10 10	47		4,880.0	0.044,4
14 7,168.0 6, 14 7,6800 7 15 6,9600 7 16 2,432.0 5 17 0 0 1	46		6,000,0	5,440.0
16800 7 18 6,9600 7 10 7	45	,	7,768.0	6,584.0
12 17 17 10 10 10 10 10 10 10 10 10 10 10 10 10	44		7,6800	7,424.0
12 17 10 10 10 10 10 10 10 10 10 10 10 10 10	43		6,960.0	7.820.0
11 2,432.0 10 10 10 10 10 10 10 10 10 10 10 10 10	42		4.576.0	5,768.0
	4/		2,432,0	3,504.0
	04		0	1,216.0
	70TAL	MARTINE AND		5/808 M3
	and a foreign of the second of			



§ 3. EARTH WORK QUANTITIES OF PHASE II MAIN ROAD (1)

STATION	DISTANCE		(SOIL) NET YOUME	) x 090	cur	( ROCK,	CORRECTION VOLUME	1	EHBANKHENT		DEDUCTION	mora!	RE-USE	BALANCE	ACCUMULATED		
)/// / / OIV		SECTION		CORRECTION VOLUME	SECTION	NET VOLUNE			SECTION	1.70-7	DEDUCTION	TOTAL	VOLUME		EARTH WORK QUANTITIES		REMARKS
							-	***************************************	-		200		<del>\</del>	***************************************			- No. of the second sec
67 + 60	0	0															
t 80	20.000	7.5	75.0	67.5				67.5						67.6		:	
68 + 00	,,	১८ ^হ	727.0					554 S						654.3			
+ 20	,	71.6	1.348.0	1.23/.2		`		1.231.2						1231.2			
+ 40	,,	97.2		1519.2				1.519.						15192			
+ 60	.4 :	102.4	1.996.0	1.796.4				1.7969	0					17964			
7 8O		11.7	1.138.0	1.034.2				1.024.2	1			100.0		929.2			
59 + 00	,	18.5	179.0	16/.1				161.1	90			190.0		9 289			
+ 20	*	32. ^C	4850	436. [©]				436	28.2			372.0		64.5			
+ 40	*	17.2	792.0					442.8	1	<u> </u>	A, t	952.0	-	⇒ 509.²			
r 60	4	28	≥00.0	180.0				180.°	108.7			1.754.0		9 1574.0			
<u> +80</u>	,	0	280	25.2				25 2	384.1	4728.0	350.°	3.128.0		= 3.102.8			MJ-ALINE-1-BY A. ABUTMENT " B " 1 BY AL ABUTMENT
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+40	20.000	201.8	2,1360	1,922.7				1.922 4	14	2,0960		2096.0		9 173,b			
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TOTAL			63 632 Z	57, 269.0				57269.0		C7 308 2	13.121.0	14.187 Z		3,081.8			

PAGE 25

MAIN ROAD (2) CUT (SOIL) x090 CUT (ROCK) x1.15 EMBANKHENT ACCUMULATED STATION DISTANCE DEDUCTION TOTAL RE-USE BALANCE EARTH WORK TOTAL REMARKS SECTION NET NET CORRECTION VOLUME SECTION NET VOLUME NET CORRECTION SECTION QUANTITIES YOLUNE VOLUME VOLUME 190,8 75+20 0.0 115.2 5.120.0 +608.0 4588.0 760 40.000 0.7 46080 20.0 88.2 4.0680 3.661.2 3.661.2 3.627.2 0.7 76 t 00 32.0 320 9.188.0 8.269 2 8.219.2 52:0 8.217.2 SUB TOTAL 52.0 72.820.2 65.638.2 65,538.2 57 360 2 13.12 1 0 44.239 21, 299. TOTAL

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STATION	n / CTALICE	CUT (SOIL)		x 0.90	CUT	( ROCK)			EHBANKHENT				PZ-115X		ACCUMULATED		
		SECTION	NET VOLUME	CORRECTION VOLUME	SECTION	NET NET	COPRECTION	TOTAL	SECTION	NET VOLUME	DEDUCTION	70146	VOLUME	BALANCE	EARTH WORK QUANTITIES		REMARKS
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