COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

	ROCK	FORMATION	LEVELLING	(	(700)							ļ																							
	STRIBUTION		CUT AREAS	6	(cm)										7.45												1					72.85			
	SUBGRADE DISTRIBUTION		FILL AREAS	***************************************	(511)	77.04	90.30	146 32	146.32	146.32	146.32	146.32	146.32	137.78	121.79	137.78	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	39.82	106.50	73.47	146.32	146.32	200 300
	MĒ		VOLUME	6	(m2)	140.32	20.00	146.20	146.32	146.32	146.32	146.32	146.32	137.78	129.24	137.78	146,32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	39.82	106.50	146.32	146.32	146.32	00,71
	SUBGRADE VOLUME		AVERAGE	Č	7 32	1.52	7.32	7.37	7.32	7.32	7.32	7.32	7.32	68.9	6.46	68.9	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7,32	7.32	7.32	7.32	7.32	7.32	7.32	7 77
	SUE		SECTION		7 32			7.32				7.32		6,46	6.46	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7,32	7.32	7.32	7.32	7.00
		CENTRAL	RESERVE	SECTION	77117		1.400					1.408	1.408	1,408	1.408	1.408	1 408	1.408		1,408	1.408	1.408	1.408	1,408	1.408	1.408	1.408	1.408	1.408	1,408	1,408		1,408	1,408	
	AS	SECTION	RIGTH	SIDE	(1114.) (10.00)		0.834	0.034	0.854	0.854	0.854	0.854	0.854	0.000	0.000	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	
	SUBGRADE AREAS	SHOULDER	LET	SIDE	/71117	0.034	0.834	PSS C	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	1000
	OS .	ROAD	RIGHT SIDE	WIOTH (=)	7.00	00.7	(3)	7.00	7.00	7.00	7.00	7.00	7,00	7,00	7,00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7.00	00 5
e volumes		CARRIAGE ROAD	LEFT SIDE	H10IW	7.00	7.00	2007	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7,00	7.00	7.00	7.00	000
FSUBGRAD		1	DISTANCE		20,000		13,137		l				20.000					20.000	-	20.000	ļ	20.000	20.000	20.000	20,000	20.000	20.000				-				
COMPUTATION OF SUBGRADE VOLUMES MAIN ROAD			STATION		000 000		000,000	100,000	1	1	1 + 160.000	1 + 180,000	1 + 200.000	1 + 220.000	1 + 240,000	1 + 260,000	1 + 280,000	1 + 300.000	1 + 320.000	1 + 340,000	1 + 360.000	1 + 380.000	1 + 400.000	1 + 420.000	1 + 440.000	1 + 460,000	1 + 480.000			Ì		ŀ		1	

	FORMATION AS LEVELLING	***************************************	(m2)																			. ]											
STRIBUTION	CUT AREAS		(m3)																														
SUBGRADE DISTRIBUTION	FILL AREAS		(m3)	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146,32	146.32	146.32	146.32	146.32	74.94	71.38	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146,32	146.32	146.32	146.32
ME	VOLUME		(m3)	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	74.94	71.38	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32
SUBGRADE VOLUME	AVERAGE		(m2)	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32
SUB	SECTION		(m2)	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	730
	CENTRAL	SECTION	(m2)	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1,408	1.408	1,408	1.408	1.408	1.408	1.408	1,408	1.408	1,408	1.408	1,408	1.408	1.408	1.408	1.408	1 408
S	RIGTH	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
SUBGRADE AREAS	SHOULDER SECTION LEFT RIGT	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	1280
	ROAD RIGHT SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.8
	CARRIAGE ROAD LEFT SIDE RIGHT	WIDTH	(m)	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7.00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	5
<u> l</u>	DISTANCE			20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20:000	20.000		20.000		20.000	20.000	20.000	10.243	9.757	20.000	20.000	20.000	20.000	20.000				[ ]			
	STATION			000.099 +	+ 680.000	+ 700.000	+ 720.000	+ 740.000	+ 760.000	+ 780.000	000.008 + 1	4 820.000	1 + 840.000	1 + 860.000	000.088 + 1	1 + 900.000	1 + 920.000	1 + 940.000	1 + 960.000	1 + 970.243	1 + 980.000	2 + 000.000	2 + 020.000	2 + 040.000	2 + 060.000	2 + 080.000	2 + 100.000	2 + 120.000		l		+	

	ROCK	FORMATION	REAS LEVELLING	3) (m2)																														
	SUBGRADE DISTRIBUTION		REAS CUT AREAS	3) (m3)	146,32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	51.21	95.11	146.32	146.32	146.32	146.32	146.32
	SUBC	<u> </u>	VOLUME FILL AREAS	(m3) (m3)	6.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	51.21	95.11	146.32	146.32	146.32	146.32	146,32
	SUBGRADE VOLUME		AVERAGE V	(m2)	7.32		7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32
	SUB		SECTION	(m2)			3 7.32	3 7.32	3 7.32	7.32	3 7.32	3 7.32	3 7.32	7.32		7.32	7.32	7.32	7,32	7,32	7.32	7,32	7.32	7.32	7.32	7.32	3 7.32		7.32	7.32	7.32	7.32		7.32
		CENTRAL	RESERVE	(m2)			1,408	1,408	1.408	4 1.408	1.408	1.408	1,408	1,408	1,408	1,408	4 1.408	1.408	1,408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1,408	4 1.408	1.408	1,408	1.408	1.408	1.408
	EAS	꾌	RIGTH	(m2)			4 0.854	4 0.854	0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854		4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 0.854	4 · 0.854	4 0.854
	SUBGRADE AREAS	2	SIDE	(m2)			0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0 0.854	0 0.854	0.854	0 0.854	0 0.854	0.854	0 0.854	0.854	0 0.854	0 0.854	0.854	0.854	0.854	0.854	0.854	0.854
	S		RIGHT SIDE WIDTH	(m)			00.7	0.7 7.00	7.00	7,00	0.00	0 7.00	7.00	7.00	0 7.00	0 7.00	0 7.00	7.00	0 7.00	0 7.00	0 7.00	0 7.00	0 7.00	7.00	0 7.00	0 7.00		7.00	0 7.00	0 7.00	0 7.00	0 7.00	0 7.00	0 7.00
MAINROAD		1	E LEFT SIDE WIDTH	(m)		11	0 7.00	0 7.00	0 7.00	7.00	0 7.00	0 7.00	0 7.00	0,700	0 7:00	0 7.00	00,7	0.00	7.00	7.00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	0 7.00	7.00	7.00	7.00
			DISTANCE		0 20.000	000002 0	20.000	00 20:000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20:000	20.000	20.000		20.000	20.000	30 20.000	20.000	20.000	20.000	7.000	13.000	20.000		20.000		}
MAIN ROAD			STATION		2 + 280.000	2 + 300.000	2 + 320,000	2 + 340,000	2 + 360,000	2 + 380.000	2 + 400.000	2 + 420.000	2 + 440.000	2 + 460.000	2 + 480.000	2 + \$00.000	2 + \$20.000	2 + \$40,000	2 + \$60.000	2 + 580.000	2 + 600.000	2 + 620.000	2 + 640.000	2 + 660.000	2 + 680.000	2 + 700.000	2 + 720.000	2 + 727.000	+	2 + 760.000	+	+	+	+

DON NIVE						1						
		CARRIAGE ROAD	-	SUBGRADE AREAS	NOIL	CENTRAL	SUB	SUBGRADE VOLUME	ME	SUBGRADE DISTRIBUTION	ISTRIBUTION	ROCK
STATION	DISTANCE	LEFT SIDE	RIGHT SIDE	LEFT	1:	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
		HLQIM (m)	WIDTH	SIDE (m2)	SIDE (m2)	SECTION (m2)	(m2)	(m2)	(m3)	(m3)	(m3)	(43)
000'006 +	20.000	7.00		0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 920.000		7.00		0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 940,000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
000:096 +	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 980.000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146,32	146.32		
+ 000:000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146,32	146.32		
+ 020.000	20.000	7.00	2.00	0.854	0.854	1,408	7.32	7.32	146.32	146.32		
+ 040,000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 060.000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 080.000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 100.000	20.000	7.00	2.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 120.000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 140,000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 160.000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 180.000	20:000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 200.000	20.000	7.00	7:00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 220.000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 240.000		7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 260.000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 280.000		2.00	7.00	0.854	0.854	1.408	-7.32	7.32	146.32	146.32		**
+ 300.000	20.000	7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 320.000		7.00	7.00	0.854	0.854	1.408	7,32	7.32	146.32	146.32		
+ 340.000		7.00		0.854	0.854	1.408	7.32	7.32	146.32	146.32		
+ 360.000		7.00	7.00	0.854	0.854	1,408	7.32	7.32	146.32	146.32		
		7.00	7.00	0.854	0.854	1,408	7.32	7,32	146.32	146.32	_	
+ 400.000		7.00	7.00	0.854	0.854	1.408	7.32	7.32	146.32	146.32		
l		7.00		0.854	0.854	1.408	7.32	7.32	146.32	14632		
l		7.00	7:00	0.854	0.854	1.408	7,32	7.32	146.32	146.32		
+ 460.000		7.00	7.00	0.854	0.854	1,408	7.32	7.32	146.32	146.32		
		7.00	7.00	0.854	0.854	1,408	7.32	7.32	146.32	146.32		
İ		7.00		0.854	0.854	1.408	7.32	7.37	146.32	146.22		
ļ						****	1	2	*****	170.041		_

COMPUTATION OF SUBGRADE VOLUMES MAIN ROAD

	ROCK	FORMATION	LEVELLING		(m2)						, , , , , , , , , , , , , , , , , , , ,																										
	STRIBUTION		CUT AREAS		(m3)	17.26																															
	SUBGRADE DISTRIBUTION	-	FILL AREAS		(m3)	61.07	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146,32	146.32	146.32	146.32	146.32	146.32
	ME		VOLUME		(m3)	78.33	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32
	SUBGRADE VOLUME		AVERAGE		(m2)	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7:32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32
	SUB		SECTION		(m2)	7.32	7.32	7,32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32
		CENTRAL	RESERVE	SECTION	(m2)	1.408	1,408	1,408	1.408	1,408	1.408	1.408	1.408	1.408	1.408	1,408	1.408	1.408	1.408	1,468	1,408	1.408	1.408	1,408	1.408	1,408	1.408	1.408	1,408	1.408	1.408	1,408	1,408	1.408	1.408	1,408	1,408
	S	SECTION	RIGTH	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	SUBGRADE AREAS	SHOULDER	LEFT	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	SUF	ROAD	RIGHT SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
: VOLUMES		CARRIAGE	Ä	WIDTH	(m)	2,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7.00	7.00	7,00	7,00	7.00	7.00	7.00	7.00	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
SUBGRADE	1	1	DISTANCE			10.706	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20:000	20.000		20.000	20.000		20.000	20.000	20.000		20:000	ļ.,,			20.000					
COMPUTATION OF SUBGRADE VOLUMES MAIN ROAD		:	STATION			3 + 520,000	3 + 540,000	3, + 560,000	3 + 580.000	3 + 600.000	3 + 620.000	3 + 640.000	3 + 660.000	3 + 680.000	3 + 700.000	3 + 720.000	3 + 740.000	3 + 760.000	3 + 780.000	3 + 800.000	3 + 820.000			3 + 880.000	3 + 900.000	3 + 920.000	3 + 940,000	3 + 960:000	3 + 980.000	+	1	1	+	[		+	

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

	ROCK		S LEVELLING	(m2)																	-													
	DISTRIBUTION		CUT AREAS	(m3)																														
	SUBGRADE DI		FILL AREAS	(m3)	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146,32	146.32	146.32	146.32	146.32	146,32	146.32	146.32	146.32	146.32	146,32	146.32	111.31	35.01	146.32	146.32	146,32	146.32	146.32	146.32	146.32	146.32	146.32
	МЕ		VOLUME	(m3)	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	145.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	111.31	35.01	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32
	SUBGRADE VOLUME		AVERAGE	(m2)	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32
	SUBC		SECTION	(m2)	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32
		CENTRAL	RESERVE	(m2)	1,408	1.408	1.408	1.408	1.408	1,408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1,408	1.408	1.408	1.408	1.408	1,408	1.408	1.408	1,408	1.408	1.408	1,408	1.408	1.408	1.408	1.408
	S	SECTION	RIGTH	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	SUBGRADE AREAS	ä	SPE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0,854	0,854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	SUB	ROAD	RICHT SIDE	(m)	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
		ᄣ	WINTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7.00	7.00	7.00	7.00
	1		DISTANCE		20,000	20,000	20,000	20.000	20:000	20,000	20,000	20 000	20,000	20.000		20,000		20.000		20.000	l	20.000		15.215	4.785	20.000						20.000		20.000
OAD					160.000	180.000	200.000	220.000	240.000	260.000	280.000		1	l	ı	- [		420.000		460.000	480.000	500.000	520.000	535.215				-			· ·	ĺ	İ	720.000
MAIN ROAD		:	STATION		4	4	4	4 +	4	+ 4	4	4	4	4	+ +	4	4	4	4	4	4	4	4	4	4 +	4 +	4	4	4				4	4

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

		Z.	<u>ი</u>	*****			Γ																									`				7
	ROCK	FORMATION	LEVELLING	(m)													7 24							l												\     
	TRIBUTION		CUT AREAS	(m3)	21.22	20.69								73.47	73.47	73.77	146.32	146.32	110.05	94.50	73.47	41.35	26.61	20.73												
	SUBGRADE DISTRIBUTION		FILL AREAS	(23)	71 94	72.85	146.32	146.32	146.32	146.32	146.32	73.16	73.16	72.85	72.85	72.55			36.27	51.82	72.85	41.01	37.36	125.59	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	80.48	65.84	146.32	146.32
	4E		VOLUME	(603)	146 32	146.32	146.32	146.32	146.32	146.32	146.32	73.16	73.16	146.32	146.32	146,32	146,32	146.32	146.32	146,32	146.32	82.36	63.96	146.32	146,32	146,32	146.32	146.32	146.32	146.32	146.32	146.32	80.48	65.84	146.32	146.32
	SUBGRADE VOLUME		AVERAGE	(m)	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32
1	SUB		SECTION	(42)	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32
		CENTRAL	RESERVE	(m)	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1,408	1,408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1,408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408
	AS	SECTION	RIGTH	(Cm)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854		0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
1000	SUBGRADE AREAS	SHOULDER SECTION	LEFT	(m)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
		ROAD	RIGHT SIDE	(E)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00		7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
		ı	LEFT SIDE	(E)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00
		-	DISTANCE		20.000			20.000	20.000	20.000	20.000	10.000	10.000		20.000	20.000	0 20.000	20.000	00000	20.000	20.000	7 11.257	0 8.743	0 20.000	0 20.000	0 20.000	0 20.000	0 20.000	20.000	00000		0 20.000		00006	20.000	
			STATION		4 + 780.000	:"	4 + 820,000	4 + 840.000	4 + 860.000	4 + 880.000	4 + 900:000	4 + 910.000	4 + 920.000	4 + 940.000	4 + 960.000	4 + 980.000	5 + 000.000	5 + 020.000	5 + 040.000	5 + 060.000	5 + 080.000	5 + 091.257	5 + 100.000	5 + 120.000	5 + 140.000	5 + 160.000	5 + 180.000	5 + 200.000	5 + 220.000	5 + 240.000	5 + 260.000	+	+	+		+
L				-	L_	Ļ.,	L		l			l			1	l				]	لـــا		L	L	L	L	L	Ļ	L	L	l	l	<u></u>	L		

	X V V	FORMATION	LEVELLING	(m2)														}						:											
	STRIBUTION		CUT AREAS	(m3)																						146.32	146.32	146.32	124.37	21.95	146.32	146.32	146.32	146,32	00 // .
	SUBGRADE DISTRIBUTION		FILL AREAS	(m3)	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	130.06	16.26	146.32	146.32	146.32	146.32	146.32	146.32		*.			3					
	ME		VOLUME	(m3)	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	130.06	16.26	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	146.32	124.37	21.95	146.32	146.32	146.32	146.32	77.00
	SUBGRADE VOLUME		AVERAGE	(m2)	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	200
	ans		SECTION	(m2)	7.32	7.32	7,32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	2
		CENTRAL	SECTION	(m2)	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1.408	1,408	407
	S	SECTION	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	7 0 0
	uil:	JER.	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	, , , ,
		ROAD	WIDTH	(m)	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	C C
MAIN ROAD		ᆔ	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	70 1
	. 1	1	DISTANCE		20.000	20.000	20,000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000		20.000		1		20.000			20.000	- [	20.000	20.000	}		3.000			20.000		
MAIN ROAD			NOTIFIC		5 + 360.000	5 + 380.000	5.+ 400,000	5 + 420,000	5 + 440.000	5 + 460.000	5 + 480.000	+	5 + 520.000	5 + 540.000	5 + 560.000	5 + 580.000	5 + 600.000	5 + 617.777	5 + 620.000	5 + 640.000	5 + 660.000	5 + 680.000	5 + 700.000	5 + 720.000	5 + 740.000	5 + 760.000	1	+	1	+	l	+	+	+	1

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COMPUTATION OF SUBGRADE YOLUMES
MAIN ROAD COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

	SUBGRADE DISTRIBUTION ROCK	<u>8</u>	VOLUME   FILL AREAS   CUT AREAS   LEVELLING		(m3) (m3) (m2)	146.32	146,32	73:77		132.68 66.93 65.75	146.32	146.32			146.32	146.32 21.54 124.78		146.32 65.23 81.09	146.32 100.05 46.27	142.74	69.58 69.58	70.63	146,49	153.82	157.68	0.34	161.27	167.74	174.19	31.64 31.64	142.72] 142,72	7.71	192.73	203.41 203.41	105.24	
	SUBGRADE VOLUME		AVERAGE V		(m2)	7.32	7.32			7.32	7.32	7.32			7.32		7.32	7.32			96.9	7.06	7.32	49.7	7.90	7.90	8,06	8,39	8.71	06'8	9.14	9:36	9.64	10.17	10.57	
	IDS		SECTION		(m2)	7.32	7.32			7.32	7.32	7.32		1.32	7.32	8 7.32	8 7.32	8 7.32	7.32	0 6.96	0 6.96	7.17	0 7.48	0 7.90	0.50	0 7.90	0 8.23	0 8.55	0 8.87	8.93	0 9.35	0 9.37	0 9.91	10.44	07.01	٠.
		CENTRAL	RESERVE	SECTION	(m2)	1.408	1.408		1,408	1,408	1,408	1.408	1,408	4 1.408	1,408	1,408	1,408	1.408	1,408	1.050	1.050	1.050	7 1.050	7 1.050	7 1.050	7 1.050	7 1.050	7 1.050	1.050	7 1.050	7 1.050	7 1.050	1.050	1,050	7 1.050	1.050
	EAS	SECTION	RIGTH	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	1 0.854	1 0.854	0.854	0.854	1 0.854	0.854	1 0:854	1 0.854	1 0.854	1 0.854	0.854	1 0.747	1 0.747	1 0.747	1 0.747	1 0.747	1 0.747	1 0.747	1 0.747	0.747	1 0.747	t 0.747	t 0.747	0.747	5 0.747
	SUBGRADE AREAS	SHOULDER	LEFT	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	
		ROAD	RICHT SIDE	WIDTH	(m)	7.00	7:00	7.00	7.00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.70	9.10	10.50	10.50	10.50	10.50	10.50	10.50			11.08	11.79	12.49	12.84	
COMPUTATION OF SUBGRADE VOLUMES MAIN ROAD		CARRIAGE	LEFT-SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	80.8	91.6	10.23	10.42	11.27	11.31	12.39	13.46	14.00	8.50
DANOROS IO			DISTANCE			20.000	20.000	20.000	1.864	0 18.136	0 20.000	0 20 000	20.000		0 20.000	20.000	0 20.000	0 20.000	20.000		10:000	10.000	00002	00002 0		0.043	20.000					0 0.824		0 20.000	7 9.957	
MAIN ROAD			STATION			5 + 960.000	5 + 980.000	6. + 000.000	6 + 001.864	6 + 020,000	6 + 040.000	6 + 060.000	6 + 080.000	6 + 100.000	6 + 120.000	6 + 140,000	6 + 160.000	6 + 180.000	6 + 200.000	6 + 220.000	6 + 230.000	6 + 240.000	6 + 260.000	6 + 280.000	6 + 299.957	6 + 300.000	6 + 320.000	6 + 340.000	6 + 360.000	+	+	6 + 380.000	6 + 400.000	6 + 420.000	6 + 429.957	Ą

MAIN ROAD	MAIN ROAD											
	- <b></b>		SUE	SUBGRADE AREAS	S		SUB	SUBGRADE VOLUME	ME	SUBGRADE DISTRIBUTION	ISTRIBUTION	ROCK
		CARRIAGE	E ROAD	SHOULDER S	SECTION	CENTRAL						FORMATION
STATION D	DISTANCE	LEFT SIDE	RIGHT SIDE	LEFT.	RIGTH	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
	<del></del>	HIOW (m)	r (€	SIDE (m2)	SIDE (m2)	SECTION (m3)	(6,000)	, m3)	(***)	(500)	(m3)	- F
6 + 439.957	0000	7.00		0.854	0.747	1.050	8.71			······································		79,50
6 + 440.000	0.043	7.00		0.854	0.747	1.050	8.71	8.71	0.37	0.37		
6 + 460.000	20.000	7.00		0.854	0.747	1.050	8.92	8.82	176.35	2		
6 + 462.691	2.691	7.88		0.854	0.747	1.050	8.95	8.94	24.05			
6 + 462.691	0.000	7.00		0.854	0.225	1.050	6.78	***************************************			***************************************	
6 + 472.691	10.000	7.00		0.854	0.225	1.050	6.78	6.78	67.79	67.79		
6 + 472.691	0.000	7.00		0.854	0.854	1.050	6.96				***************************************	
6 + 480,000	7.309	7.00	7.00	0.854	0.854	1.050	96'9	6.95	50.86	50.86		
6 + 500.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
6 + 520.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139,16	139.16		
6 + 540,000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
6 + 560.000	20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.85	137.02	137,02		
6 + 580.000	20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
6 + 600.000	20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134,88		
6 + 620.000	20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
6 + 640.000	20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
6 + 660.000	20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
6 + 675,890	15.890	7.00	7.00	0.747	0.747	1.050	6.74	6.74	107.16	107.16		
6 + 680.000	4.110	7.00	7.00	0.747	0.747	1.050	6.74	6.74	27.72	27.72		
6 + 700.000	20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
6 + 706.000	6.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	40.46	40.46		
6 + 714.490	8.490			0.000	0.000		0.00	3.37	28.63	28.63		
6 + 720.000	5.510			0.000	0.000		0.00	00.0	0.00	00.00		
6 + 740.000	20.000			0:000	0000		00:0	00:0	00:00	0.00		
6 + 744.000	4.000	7.00	7.00	0.747	0.747	1.050	6.74	3.37	13.49	13.49		
l	16.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	107.90	107.90		
+	20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
+	20.000	7.00		0.747	0.747	1.050	6.74	6.74	134.88	134.88		
+	20.000	7.00		0.747	0.747	050:1	6.74	6.74	134.88	134.88	·	
+	20.000	7.00		0.747	0.747	1.050	6.74	6.74	134.88	134.88		
+	20.000	7.00		0.747	0.747	1.050	6.74	6.74	134.88	134.88		
l												

			SUI	SUBGRADE AREAS	1.5		ins	SUBGRADE VOLUME	ME	SUBGRADE DISTRIBUTION	STRIBUTION	ROCK
		CARRIAGE ROAD	ROAD	SHOULDER	SECTION	CENTRAL						FORMATION
STATION	DISTANCE	тī	RIGHT SIDE	LEFT	RIGTH	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
		WIDTH	WIDTH	SIDE	SIDE	SECTION						
	- [	(m)	(m)	(m2)	(m2)	(m2)	(m2)	(m2)	(m3)	(m3)	(m3)	(m2)
6 + 900.000	20.000	7.00	7.00	0.854	0.747	1.050	6.85	6.85	137.02	137.02		
6 + 920.000	20:000	7.00	7.00	0.854	0.747	1.050	6.85	6.85	137.02	137.02		
6 + 940.000	20.000	7,00	7.00	0.854	0.747	1.050	6.85	6.85	137.02	137.02		
6.+ 959.957	19.957	7.00	7.00	0.854	0.747	1.050	6.85	6.85	136.73	136,73		
6 + 959.957	00000	8.50	8.50	0.854	0.225	1.050						
000.096 + 9	0.043	8.50	8.50	0.854	0.225	1.050	7.23	7.23	0.31	0.31		
6 + 969.957	756.6	8,50	8.50	0.225	0.225	1.050	09.9	16.91	68.85	68.85		
6 + 969.957		14,00	14.00	0.747	0.747	1.050						电电子 医多角性 医骨髓 医乳蛋白 化二甲基苯甲基甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲
6 + 980,000	10.043	13.51	13.30	0.747	0.747	1.050	10.59	10.77	108.12	108.12		
7 + 000.000	20.000	12.55	11.90	0.747	0.747	1.050	88.6	10,23	204.66	204.66		
7 + 020.000	20.000	11.58	10.50	0.747	0.747	1.050	9.17	9.52	196,47	190,47		
7 + 028,438	38 8.438	11.17	16'6	0.747	0.747	1.050	8.87		76.09	76.09		
7 + 040.000	30 11.562	10.61	9.10	0.747	0.747	1.050	8.46	99.8	100.16	100.16		:
7 + 042.235	35 2.235	10.50	8.94	0.747	0.747	1.050	8.38	8.42	18.81	18.81		
7 + 060.000		10.50	7.70	0.747	0.747	1.050	8.00	8.19	145.50	145.50	,	
7 + 069.957	756.6 75	10.50	7.00	0.854	0.747	1.050	7.90	7.95	79.18	79.18		
7 + 080.000	10,043	10.50	7.00	0.854	0.747	1.050	7.90	7.90	79.35	79.35		
7 + 100.000	20.000	10.50	7.00	0.854	0.747	1.050	7.90	7.90	158.02	158.02		
7 + 120.000	20.000	10.50	7.00	0.854	0.854	1.050	8.01	7.95	159.09	132.15	26.94	
7 + 130.000	000.01	10.50	7.00	0.854	0.854	1.050	8.01	8.01	80.08	62.62	17.46	
7 + 140,000	000.01	69.63	7.00	0.854	0.854	1.050	7.75	7.88	78.78	57.83	20.94	
7 + 160.000	20.000	7.88	7.00	0.854	0.854	1.050	7.22	7.48	149.69	102,55	47.14	
7 + 170.000		7.00	7.00	0.854	0.854	1.050	6.96	7.09	20.90	44.96	25.94	
7 + 180.000	000 01 00	7.00	7.00	0.854	0.854	1.050	6.96	96.9	85.69	40.46	29.12	
	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	81.53	57.63	
7 + 220.000		7.00	7.00	9.854	0.854	1.050	96.9	96:9	139.16	77.86	61.30	
7 + 240.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	75.40	63.76	
7 + 260.000		7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16	38.66	100.50	
7 + 280.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16	116.07	23.09	
1		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	129.35	18.6	
1		7.00	7.00	0000	0.000	1.050	5.25	6.10	122.08	93.71	28.37	
7 + 320.000		DO: /	7077	U.M.	0.000	200			164.701	11/77	70.7	- !

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

. •	ROCK	FORMATION	LEVELLING		(m2)																														463.87	463.87
	DISTRIBUTION		CUT AREAS		(m3)										10.47	53.61	48.22	59.55	139.16	0.59	20.00	59.20	23.91				11.65	41.69	139.16	124.45	139.16	139.16	139.16	139.16		
	SUBGRADE DIS		FILL AREAS		(m3)	113.54	130.62	139.16	139.16	139.16	69.58	69.58	139.16	139.16	128.69	85.55	90.94	79,61		0:15	88.42	79.96	115.25	139.16	139.16	139.16	127.51	97.47	- (	14.71						
	ME		VOLUME		(m3)	113.54	130.62	139.16	139.16	139.16	69.58	85 69	139,16	139,16	139.16	139.16	139.16	139.16	139.16	0.74	138.42	139.16	139.16	139.16	139.16	139,16	139.16	139.16	139,16	139,16	139.16	139.16	139.16	139.16	139.16	139.16
	SUBGRADE VOLUME		AVERAGE		(m2)	5.68	6.53	6.96	6.96	6.96	6.96	96'9	96'9	6.96	96.9	6.96	96.9	96.9	96.9	96'9	96.9	96.9	96'9	96.9	96.9	96'9	96.9	96'9	96.9	96.9	96'9	96'9	96.9	6.96	96'9	96'9
	SUBC		SECTION		(m2)	6.10	96.9	96'9	6.96	96'9	6.96	96'9	96.9	6.96	96.9	96.9	6.96	96'9	6.96	96.9	96.9	96.9	96.9	96.9	96.9	96:9	96.9	96.9	96.9	96'9	96.9	96.9	96.9	96'9	96:9	96.9
		CENTRAL	RESERVE	SECTION	(m2)	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050
	3	ECTION	RIGTH	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	SUBGRADE AREAS	SHOULDER SECTION	LEFT	SIDE	(m2)	0000	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	SUB		RIGHT SIDE	WIDTH	(m)	200	7.00	7.00	7.00	7.00	2.00	7.00	7.00	7.00	7.00	7.00	7 00	7.00	7.00	7.00	7.00	7.00	7,00	7,00	7.00	7.00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
		CARRIAGE ROAD	ယ္က	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
			DISTANCE			20.000	20.000	20.000	20:000	20.000	10:000	10.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	0.107	19.893	20.000	20.000	20.000	20.000		20.000		20.000	20.000	20.000			20.000	20.000	20.000
MAIN ROAD			STATION			7 + 360.000	7 + 380.000	7 + 400.000	7 + 420.000	7 + 440.000	7 + 450.000	7 + 460,000	7 + 480,000	1	7 + 520.000	7 + 540,000	7.+ 560,000	7 + 580,000	7 + 600.000	7 + 600.107	7 + 620.000	7 + 640.000	7 + 660.000	7 + 680.000	7 + 700.000	7 + 720.000	7 + 740,000	7 + 760.000	7 + 780.000	7 + 800.000	7 + 820.000	1			7 + 900.000	l

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

7.00 a	NOTA VACO	LEVEL ING		(m2)	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	313.23			!																	
NOIT I BEAT	Τ	CITARFAS	· 	(m3)												43.01	111.90	27.11	17.09	7,29						4.17	32.73	2.57	67.88	118.62	139.16	136.22	112.19	74.79	96:09
NOITH I BEGTSIGN BOX SORES	TO TOWN TO TO	FILL AREAS		(m3)												2.18	27.26	112.05	122,07	131.87	138.09	137.02	137.02	24.01	113.01	132.85	94.31	7.41	69.14	19.47		2.94	26.97	64.37	78.20
J.		VOLUME		(m3)	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	93.97	45.19	139.16	139.16	139.16	139.16	138.09	137.02	137.02	24.01	113.01	137.02	127.04	86.6	137.02	138.09	139.16	139.16	139.16	139.16	139.16
SUBGRADE VOLUME		AVERAGE		(m2)	96.9	96.9	96.9	96:9	96.9	6.96	96.9	96'9	6.96	96.9	96.9	96'9	6.96	96:9	96.9	96.9	6.90	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.90	96'9	96.9	96'9	96.9	96'9
SIBA		SECTION		(m2)	96:9	96.9	96.9	6.96	96.9	96'9	96.9	96.9	6.96	96.9	96:9	96.9	96.9	96'9	96.9	96.9	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	96.9	96'9	96'9	96.9	96.9	96.9
	CENTRA	RESERVE	SECTION	(m2)	1.050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050
v	SECTION	RIGTH	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.854	0.854	0.854	0.854	0.854	0.854
SURGRADE AREAS	CHOILI DED		SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
RITE		RIGHT SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.30	7.00	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	CARRIAGE ROAD	LEFT SIDE	÷	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7.00	7.00	7.00	7,00
	<u> </u>	DISTANCE			20:000	20:000	20.000	20:000	20.000	20.000	ļ	.	20.000			6.495	20.000	20.000		20.000		20.000	20.000	3.505	12			1.456		20.000			20.000		١.
		STATION			7 + 960.000	i 1	000'000 + 8	8 + 020.000	8 + 040,000	8 + 060,000	8 + 080,000	8 + 100.000	8 + 120.000	8 + 140,000	8 + 153,505	8 + 160,000	8 + 180.000	8 + 200.000	8 + 220,000	8 + 240,000	8 + 260.000	8 + 280.000	8 + 300.000	8 + 303.505	8 + 320.000	8 + 340,000	8 + 358.544	8 + 360.000	+	8 + 400.000	+	+	+	+	+

COMPUTATION OF SUBGRADE YOLUMES
MAIN ROAD

WAIN KOAD												
			S	SUBGRADE AREAS	Si		SOI	SUBGRADE VOLUME	ME	SUBGRADED	SUBGRADE DISTRIBUTION	ROCK
		CARRIAGE ROAD	ROAD	SHOULDER	SECTION	CENTRAL						FORMATION
STATION	DISTANCE	,l	RIGHT SIDE	LEFT	RIGTH	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
		#IO!X	НІСІМ	SIDE	acir.	SECTION	4		i	•		
		Œ)	Ē	(JM2)	(m/s)	(m <sub>2</sub> )	(JW)	(m)	(m)	(m3)	(£m)	(m2)
8 + 540.000				0.854	0.854	1.050	96.9	96.90			139.16	
8 + 560,000	20.000	007	7.00	0.854	0.854	1.050	6.96	6.96	139.16			463.87
8 + 580,000	20.000	7,00	7.00	0.854	0.854	1.050	96.9		139.16			463.87
8. + 600,000	20,000	007.	7.00	0.854	0.854	1.050	96.9	96'9	139.16			463.87
8 + 608.544	8.544	7.00	7.00	0.854	0.854	1.050	96'9	96.9	59.45			198.16
8 + 620,000	11,456	7.00	7.00	0.854	0.854	1.050	96.9		17.67			265.70
8 + 640,000	20.000	7.00	7.00	0.854	0.854	1.050	96.9		139.16			463.87
8 + 660.000	20.000	7,00	7.00	0.854	0.854	1.050	96.9		139.16			463.87
8 + 680.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96'9		139.16			463.87
8 + 700.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9		139.16			463.87
8 + 720.000	.	7.00	7.00	0.854	0.854	1.050	96'9	96'9	139.16			463.87
8 + 740.000	ļ	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16			463.87
8 + 760.000		7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16			463.87
8 + 780.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16			463.87
8 + 800:000		7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16			463.87
8 + 820.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16			463.87
8 + 840.000	0 20,000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139,16			463.87
8 + 860.000	0 20,000	7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16	2.93	136.23	
8 + 875.638	8 15.638	7.00	7.00	0.854	0.854	1.050	96.9	96.9	108.81	18.81		
8 + 880.000	0 4.362	7.00	7.00	0.854	0.854	1.050	6.96	96.9	30.35	30.35		
8 + 900.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16	,	
8 + 920.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9		139.16	139.16		
8 + 940.000	0 20.000	7.00	7.00	0.747	0.854	1.050	6.85	96.90	138.09	138.09		
8 + 960.000	0 20.000	7.00	7.00	0.747	0.854	1.050	6.85	6.85	137.02	137.02		
8 + 980.000	20.000	7.00	7.00	0.747	0.747	1.050	6.74	98.9	135.95	135.95		
000:000 + 6	20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
9 + 020.000	0 20.000	7.00	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
9 + 040.000	0 20.000	7.00	7,00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
000:090 + 6	000.000	7.00	7.00	0.854	0.854	1.050	96.9	6.85	137.02		137.02	
000'080 + 6		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
9 + 100.000		7.00	7.00	0.854	0.854	1.050	969	96.9	139.16		139.16	
9 + 120.000		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	

多,可以是有一个人的,不是一个人的,不是一个人的,不是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人	SUBGRADE VOLUME SUBGRADE DISTRIBUTION ROCK	ON CENTRAL FORMATION	RIGTH RESERVE SECTION AVERAGE VOLUME FILL AREAS CUT AREAS LEVELLING		39.23	5.96   96.96   96.93	0.854 1.050 6.96 6.96 139.16	6.96 139.16	0.854 1.050 6.96 6.96 139.16 23.39 115.77	6.96 139.16 39.59	1.050 6.96 6.96 139.16 54.95	0.854 1.050 6.96 6.96 139.16 78.84 60.32	108.81	6.96 30.35 19.88	05.66	0.747 1.050 6.85 6.85 137.02 95.32 41.70	137.02	0.747 1.050 6.85 6.85 137.02 92.94 44.08	0.747 1.050 6.85 6.85 137.02 107.10 29.92	0.747 1.050 6.85 6.85 137.02 137.02	0.747 1.050 6.85 137.02 137.02	0.747 1.050 6.85 6.85 137.02 137.02	0.747 1.050 6.85 6.85 137.02 137.02	0.747 1.050 6.85 137.02	0.747 1.050 6.85 6.85 137.02	0.747 1.050 6.85 6.85 137.02 137.02	0.747 1.050 6.85 6.85 137.02 137.02	0.747 1,050 6.85 6.85 137.02 137.02	0,747 1,050 6,85 6,85 137,02 137,02	0.747 1.050 6.85 6.85 137.02	0.747 1.050 6.85 6.85 137.02	0.747 1.050 6.85 6.85 137.02 137.02	0,747 1,050 6,85 6.85 137,02 128,64 8.38	
	SUBGRADE AREAS	SHOULDER SECTION	LEFT RI	٠ <u>څونې</u>	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	
	SUBGI	ROAD	RIGHT SIDE		7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	
		띭	LEFT SIDE   I	Ê	7.00	7.00	7.00	7.00	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	
	<b> </b> 	- 1	DISTANCE		5.638	14.362	20,000	20.000	20.000	20.000	20.000	20.000	15.638	4.362	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20:000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	
					125.638	140.000	160.000	180.000	200,000	220.000	240.000	260.000	275.638	280.000	300.000	320.000	340.000	360.000	380.000	400.000	420.000	440.000	460.000	480:000	200.000	520.000	540.000	260.000	580.000	000.009	620.000	640.000	000:099	
CACA VICA			STATION		+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 6	+ 0	+ 6	+ 6	+ 6	+ 6	+ 6	9 +	+ 6	+ 6	4	6	+ 6	+ 6	+ 6	

	DISTRIBUTION		CUT AREAS	(m3)	31.11	37.70	54.34	10.08	72.91	129.96	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	25.08	114.08	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	120 16
	SUBGRADE DIST		FILL AREAS	(m3)	105.91	99.32	82.68	14.80	41.17	9.20						•																			
	9		VOLUME	(m3)	137.02	137.02	137.02	24.88	114.08	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	25.08	114.08	139.16	139.16	139.16	139.16	139,16	139.16	139.16	139.16	139.16	120 16
	SUBGRADE VOLUME		AVERAGE	(m2)	6.85	6.85	6.85	6.90	96.9	6.96	96.9	96'9	96'9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96'9	96.9	96.9	96.9	6.96	96.9	96.9	96.9	96'9	96'9	96'9	96.9	K OK
	Sans		SECTION	(m2)	6.85	6.85	6.85	96.9	96'9	96'9	96.9	96.9	96.9	96'9	96.9	6.96	6.96	6.96	96.9	96.90	96:9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96'9	96.9	Y0 Y
		CENTRAL	RESERVE	(m2)	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.650	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	050
		T	RIGTH	(m2)	0.747	0.747	0.747	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	V 96.0
	SUBGRADE AREAS	띘	LEFT	(m2)	0.854	0.854	0.854	0.854	0,854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0,854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	7580
	SUBC		RIGHT SIDE	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2 00
VOLUMES		뽀	LEFT SIDE R	(E)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	1 00
SUBGRADE		_1.	DISTANCE 1		20.000	20.000	20.000	3.604	16.396	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	3.604	16.396	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	000 00
COMPUTATION OF SUBGRADE VOLUMES  MAIN ROAD		7,111	STATION D		9 + 740.000	000'09L + 6	9 + 780.000	9 + 783.604	9 + 800.000	9 + \$20,000	9 + 840.000	000.098 + 6	000.088 + 6	000'006 + 6	9 + 920.000	9 + 940,000	000:096 + 6	000.086 + 6	10 + 000.000	10 + 020,000	10 + 040.000	10 + 060.000	10 + 080.000	10 + 083.604	10 + 100.000	10 + 120,000	10 + 140.000	10 + 160.000	10 + 180.000	10 + 200.000	+	+	+	10 + 280.000	1

ADDISTANCE   LEFT SIDE   STUDIOLDER SECTION   CENTRAL   CANARAGE   VOLUME   CANARAGE   CANARAGE   SHOULDER SECTION   CENTRAL   CANARAGE   VOLUME   CANARAGE   CANAR		ROCK	FORMATION	באמריים	(m2)		463.87	463.87	463.87	368.47	95.39	463.87	463.87	463.87	463.87	463.87	463.87	463.87	136.54	327.33	463.87	463.87	463.87	463.87	463.87	463.87	368.47	95.39	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87
DISTANCE   LEFT SIDE   RICHT SIDE   LEFT   RCSTRA   RESERVE   SECTION   AVERAGE   VOLUME   FOLKANOE   LEFT SIDE   RICHT SIDE   LEFT   RICTH   RESERVE   SECTION   AVERAGE   VOLUME   FOLKANOE   LEFT SIDE   RICHT SIDE   LEFT   RICTH   RESERVE   SECTION   AVERAGE   VOLUME   RICHT SIDE   LEFT   RICHT   RESERVE   SECTION   AVERAGE   VOLUME   RICHT SIDE   LEFT   RICTH   RESERVE   SECTION   AVERAGE		STRIBUTION	4 1 5	COI AKEAS	(m3)	139.16																														2
DISTANCE   LEFT SIDE   RICHTALL   RICHTALL   RESERVICE   SECTION   AVERAGE   VOLUME   SIDE   SECTION   AVERAGE   SECTION   AVERAGE   VOLUME   SIDE   SECTION   AVERAGE   AVERAGE   SECTION   AVERAGE   AVERAGE   SECTION   AVERAGE		SUBGRADE DI	CTT - ADCIA	THE ANEWS	(m3)																					:										
Distance   Carriage Road   Studia Der Section   Studia Der Section   Studia Der Section   Studia Der Section   Carriage   Studia Der Section   Carriage   Studia Der Section   Carriage		ME	VOI 1940	) (CLO) (V	(m3)	139.16	139.16	139.16	139.16	110.54	28.62	139.16	139.16	139.16	139.16	139.16	139.16	139.16	40.96	98.20	139.16	139.16	139.16	139.16	139.16	139.16	110.54	28.62	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16
Distance   Carriage Road   Studiade Arkeas   Studiade Section   Studiade Arkeas   Studiade Section   Carriage Road   Studiade Section   Carriage Road   Carr		RADE VOLUN	20 4 Office	30.00m	(m2)		969	96.9	96.9	96.9	96'9	96.9	96'9	6.96	96'9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96'9	96.9	96.9	96.9	96'9	96.9	96'9	96'9	96'9	6.96	96'9	96.9	96.96	96.9
DISTANCE   LEFT SIDE   RIGHT SIDE   SECTION   CENTR   RESER   COMMON   CO		SUBC	CECTION	NO. 100	(m2)	17.1	6.96	96.9	96'9	96.9	96.9	96.9	6.96	96.9	96.9	6.96	96.9	6.96	6.96	96.9	969	96.9	96.9	96'9	96'9	96'9	96.9	96.9	6.96	96.9	96.9	96'9	96'9	96'9	96.9	96.9
CARRIAGE ROAD   SHOULDER SECTION   SHOULDER SECTI			CENTRAL	SECTION	(m2)		1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050
DISTANCE   LEFT SIDE   RIGHT SIDE   SHOULDER   SIDE   (m)   (m2)   (m2)   (m3)   (m	· · · · · · · · · · · · · · · · · · ·		PICTU	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
DISTANCE   LEFT SIDE   RIGHT SIDE		SRADE AREAS	7 h	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
CARRIAGE		SUB	E Ciù	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
90.000 20			1111 <del>-</del>		(m)	7.00	7.00	7.80	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00
340.000 360.000 360.000 440.000 440.000 500.000 500.000 600.000 600.000 600.000 600.000 600.000 600.000 800.000 800.000 800.000			L			20.000			20.000			.												11			:									20.000
74			NOIL			+	+	+	+	+	+	+	+	+	+	+	+	: ∔[	+	+	+	+	+	10 + 660.000	+	+	+	+	+	+	+	+	+	+	+	

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

ROCK	FORMATION	LEVELLING		(m2)	463.87	463.87	463.87	72.39	391.48	463.87	463.87	463.87	463.87	463.87	463.87	304.32	159.55	463.87	463.87										463.87	463.87	463.87	463.87	463.87	68.17	395,70	463.87
STRIBUTION		CUT AREAS		(m3)																139.16	51.88			18.84	19:9	117.44	139.16	139.16								
SUBGRADE DISTRIBUTION		FILL AREAS		(m3)							•										87.28	139.16	139.16	120.32	15.05											
ME		VOLUME		(m3)	139.16	139.16	139.16	21.72	117.44	139.16	139.16	139.16	139.16	139.16	139.16	91.30	47.86	139.16	139.16	139.16	139.16	139.16	139.16	139.16	21.72	117.44	139.16	139.16	139.16	139.16	139.16	139.16	139.16	20.45	118.71	139.16
SUBGRADE VOLUME		AVERAGE		(cm2)	96.9	96'9	96.9	96'9	96.9	96.9	96.9	6.96	96'9	96.9	96.9	96'9	96.9	96.9	96.9	96:9	96.9	96.9	96'9	6.96	96.9	96'9	96.9	96.9	96.9	96.9	96.9	6.96	96.9	96.9	96.9	96.9
SUB		SECTION		(m2)	96.9	6.96	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	6.96	96.9	96.9	96.9	96'9	96.9	96.9	96.9	6.96	96'9	96'9	96.9	96.9	96'9	96:9	96.9	96:9	96.9	96.9	96.9	96'9
	CENTRAL.	RESERVE	SECTION	(m2)	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1.050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050
Si	SECTION	RIGTH	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
SUBGRADE AREAS	SHOULDER	LEFT	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
SUE		RIGHT SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	CARRIAGE ROAD	LEFT SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00]	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
		DISTANCE			20.000	20.000	20.000	3.121	16.879	20.000	20.000	20.000	20.000	20.000	20.000	13.121	6.879	20.000	20.000	20.000	20.000	20.000	20.000	20.000	3.121	0 16.879	20.000	20.000	20.000	20.000		20.000			•	
		STATION			10 + 920.000	10 + 940.000	10 + 960.000	10 + 963.121	10 + 980.000	11 + 000.000	11 + 020,000	11 + 040.000	11 + 060.000	11 + 080.000	11 + 100.000	11 + 113,121	11 + 120.000	11 + 140.000	11 + 160.000	11 + 180.000	11 + 200.000	11 + 220.000	11 + 240.000	11 + 260.000	11 + 263.121	11 + 280.000	11 + 300.000	11 + 320.000	11 + 340.000	11 + 360.000	11 + 380.000	11 + 400.000	11 + 420.000	11 + 422.939	( )	

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

MAIN KOAD												
			SU	SUBGRADE AREAS	Si		SUE	SUBGRADE VOLUME	ME	SUBGRADE DISTRIBUTION	ISTRIBUTION	ROCK
		CARRIAGE ROAD	ROAD	SHOULDER	SECTION	CENTRAL						FORMATION
STATION	DISTANCE	7	RIGHT SIDE	LEFT	RIGTH	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
		WIDTH	WIDTH	SIDE	SIDE	SECTION						
		(m)	(m)	(m2)	(m2)	(m2)	(m2)	(m2)	(m3)	(m3)	(m3)	(m2)
11 + 480:000	20.000	7.00	7.00	0.854	0.854	1,050	6.96	96.9	139.16			463.87
11 + 500.000	20.000	7.00	7.00	0.854	0.854	1,050	6.96	96.9	139.16			463.87
11 + 520,000	20.000	7.00	7.00	0.854	0.854	050'1	96'9	96'9	139.16			463.87
11 + \$40.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96.9		139,16			463.87
11 + 560.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9		139.16			463.87
11 + 572.939	9 12.939	7.00	7.00	0.854	0.854	1.050	96'9		50.03			300.10
11 + 580.000	7.061	7.00	7.00	0.854	0,854	1.050	96.9		49.13			163.77
11 + 600.000	20.000	7.00	7.00	0.854	0.854	050.1	96.9		139.16			463.87
11 + 620.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16			463.87
11 + 640.000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16			463.87
11 + 660.000	Ì	7.00	00.7	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
11 + 680.000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16		139.16	
11 + 700.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
11 + 720.000	0 20:000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
11 + 740.000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16		139.16	
11 + 760.000	00.00	7.00	7.00	0.854	0.854	1.050	96.9	6.96	139.16		139.16	
11 + 780.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
11 + 800.000	20.000	7.00	7.00	0.854	0.854	1.050	5.96	96'9	139.16		139.16	
11 + 820.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139,16	
11 + 840.000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96'9	139.16		139.16	
11 + 860.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96.9	6.96	139.16		139.16	
11 + 880.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
11 + 900.000	20.000	7.00	2,00	0.854	0.854	1.050	96.9	6.96	139.16	97.10	42.06	
11 + 920.000	0 20.000		7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
11 + 940.000	0 20,000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16	139,16		
11 + 960.000	00.00	7.00	7.00		0.854	1.050	96.9	96.9	139.16	139.16		
11 + 980.000	0 20.000	7,00	7.00	0.854	0.854	1.050	96.9	96.96	139.16	139.16		
12 + 000.000	0 20.000	7.00	7.00	0.854	0.854	1.050	6.96	96'9	139.16	139.16		
12 + 020.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
12 + 040.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96.9		139.16	139.16		
12 + 060.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96.9	6.96	139.16	128.74	10.42	
+		7.00	7.00	0.854	0.854	1.050	96.9	6.96	139.16	33.72	105.44	
					٠							

		ins	SUBGRADE AREAS	S		SUB	SUBGRADE VOLUME	WE	SUBGRADED	SUBGRADE DISTRIBUTION	ROCK
Dict A NOR	CARRIAGE ROAD	LL21	SHOULDER S	SECTION	CENTRAL	101120110	107 2211	J, 11.		1	FORMATION
12 co		WIDTH	SIDE	SYDE	SECTION	SECTION	AVERAGE	NOTOME NOTOME	FILL AKEAS	CUI AKEAS	LEVELLING
	(m)	(m)	(m2)	(m2)	(m2)	(m2)	(m2)	(m3)	(m3)	(m3)	(m2)
100.000 20.000	00.7		0.854	0.854		96.9	96'9	139.16			463.87
120.000 20.000	00.7	7.00	0.854	0.854		96.9	96'9	139.16			463.87
140.000 20.000	00.7	7.00	0.854	0.854	1.050	96'9	96'9	139.16			463.87
160.000 20.000	00.7		0.854	0.854		96.9	96.9	139.16			463.87
180.000 20.000	00/	7.00	0.854	0.854	1,050	96.9	96'9	139.16			463.87
200.000 20.000	00 7.00		0.854	0.854		96.9	6.96	139.16			463.87
220.000 20.000	7.00		0.854	0.854		96.9	96'9	139.16			463.87
			0.854	0.854		96.9	96'9	139.16			463.87
260.000 20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16			463.87
280.000 20.000	7.00	00'1	0.854	0.854	1,050	96.9	96'9	139.16			463.87
300.000 20.000	7.00	7.00	0.854	0.854	050.1	96'9	96.9	139.16			463.87
320.000 20.000	7.00	00.7	0.854	0.854	1.050	96'9	96.9	139.16			463.87
340.000 20.000	7.00	7.00	0.854	0.854	1,050	96.9	96.9	139.16			463.87
360.000 20.000	7.00	7.00	0.854	0.854	1.050	96'9	96'9	139.16			463.87
380.000 20.000	7.00	7.00	0.854	0.854	050.1	96.9	96.9	139.16			463.87
400.000 20.000	7.00	7.00	0.854	0.854	1.050	96.9	96:9	139.16			463.87
420.000 20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
440.000 20.000	200 7.00	7.00	0.854	0.854	1.050	96.9	96:9	139.16		139.16	
460.000 20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
480.000 20.000	200 7.00	7.00	0.854	0.854	1,050	96.9	96.9	139.16	37.84	101.32	
500.000 20.000	2007	7.00	0.854	0.854	1.050	6.96	96.9	139.16	50.27	88.89	
520.000 20.000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16		139.16	
540.000 20.000	200 7.00	00.7	0.854	0.854	1.050	96.9	96'9	139.16	32.49	106.67	
		7.00	0.854	0.854	1.050	96.9	96'9	105.89	66.70	39.18	
	4.782 7.00	00.7	0.854	0.854	1.050	6.96	96.9	33.27	19.96	13.31	
580.000 20.000		7.00	0.854	0.854	1.050	96.9	96.9	139.16	17.62	121.54	
			0.854	0.854	1.050	96.9	96.9	139.16	17.02	122.14	
		7,00	0.854	0.854	1.050	96.9	96'9	139.16		139.16	
	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
			7500	758 0	1.050	96 9	808	0:00.			
1			70.0	V.00.7		27.7	0.50	139.10		139.16	

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

MAIN ROAD			ALIN MIN	SHRGRADE AREAS	v		SILE	STIRED A DE VOI LIME	TAKE:	O DO A GODIN	NOTE INCAPA OF A COLUMN	2000
		CARRIAGE	ROAD	SHOULDER	SECTION	CENTRAL				and and and and and and and and and and	NOT LOGINIE	FORMATION
STATION	DISTANCE	LEFT SIDE	RIGHT SIDE	•	RIGTH	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
		WIDTH	WIDTH	SIDE	SIDE	SECTION						
		(m)	(ii)	(m2)	(m2)	(m2)	(m2)	(m2)	(m3	(m3)	(m3)	(m2)
12 + 705.272	5.272	2.00		0.854	0.854	1.050	96.9	6.96	36.68		36.68	
12 + 720,000	14.728	7.00	7.00	0.854	0.854	1.050	6.96	96.9	102.48		102.48	1 
12 + 740.000	20.000	7.00	7.00	0.854	0.854	. 4	96'9	96.9			139.16	
12 + 760,000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	6.96			139.16	
12 + 780.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
12 + 800.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139,16	
12 + 820,000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16		139.16	
12 + 840,000	20.000	7.00	7.00	0.854	0.854		96.9	96'9			139,16	
12 + 860,000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16	139.16		
12 + 880.000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16	139.16		
12 + 896.298	16.298	7.00		0.854	0.854		96.9	96.9		113.40		
12 + 900.000	3.702	7.00	7.00	0.854	0.854		96.9	96'9	25.76	25.76		
12 + 920.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
12 + 940.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16	139.16		
12 + 960.000		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
12 + 980.000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	6.96	139.16	139.16		
13 + 000.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
13 + 020.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
13 + 040.000		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
13 + 046.298	6.298	7.00	7.00	0.854	0.854	1.050	96.9	6.96	43.82	37.09	6.73	
13 + 060.000	13.702	7.00	7.00	0.854	0.854	1.050	96.9	96.9	95.34		95.34	
13 + 080.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
13 + 100.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
13 + 120.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
13 + 140,000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16		139.16	
13 + 160.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16		139.16	
13 + 180.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
+	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
+		7.00	7.00	0.854	0.854	1,050	6.96	96.9	139.16		139.16	
		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	32.63	106.53	
٠		7.00	7.00	0.854	A 254	1050	4 04	90 9	120.16	87 00	CT 03	
1		9			5	1.050.1	200	>>>	139.10	88.44	34,00	

	ж С С	FORMATION	LEVELLING	(m2)					150																									
	TRIBUTION		CUT AREAS	(m3)	16.01	13.55	10.47	12.93	13.55		48.03	139.16	139.16	139.16	28.97	110.19	139.16	139.16	139.16	139.16	139.16	46.37	92.79	139.16	139.16	139.16	139.16	123.77						
	SUBGRADE DISTRIBUTION	1	FILL AREAS	(m3)	123.15	125.61	128.69	126.23	125.61	139.16	91.13																	15.39	139.16	139.16	139.16	139.16	139.16	139.16
	WE		VOLUME	(m3)	139.16	139,16	139.16	139.16	139.16	139.16	139,16	139.16	139.16	139.16	28.97	110.19	139.16	139.16	139.16	139.16	139.16	46.37	92.79	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139,16	139.16	139.16	139.16
	SUBGRADE VOLUME		AVERAGE	(m2)	96.9	6.96	6.96	96'9	96.9	96.9	96.9	96.9	96.9	96'9	96:9			96.9	6.96	96'9	96.9	96.9	96.9	6.96	96'9			96.9	96.9	96.9	96'9			96'9
	SUB		SECTION	(m2)	96.9	96.9	96'9	6.96	6.96	96.9	96.9	96.9	96.9	6,96	96.9	96.9	96.9	96.9	96.9	6.96	96.9	96.9	96'9	96.9	96.9	96.9	96'9	96.9	6.96	6.96	96'9	6.96	96.9	6.96
		CENTRAL	RESERVE	(m2)	1,050	1.050	050'1	1.050	1,050	1.050	1,050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050
	S	SECTION	RIGTH	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	ונע	띘	CIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	SUE	ROAD	RIGHT SIDE	(E)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
		u).	LEFT SIDE	= (£	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	00.7	7.00				7.00	7.00
			DISTANCE		20.000	20.000									4.164	15.836		20.000	20.000	20.000				20.000	20.000	20.000	000.02				ļ			
WARN ROAD			STATION		13 + 300,000	+	+	+		13 + 400.000	13 + 420.000		13 + 460.000	13 + 480.000	13 + 484:164	13 + 500.000		13 + 540.000	13 + 560.000	13 + 580,000	13 + 600.000	13 + 606.664	+	13 + 640.000	+	+	+	+	,	+	+	+	+	

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

MAIN ROAD												
			SU	SUBGRADE AREAS	AS		SUE	SUBGRADE VOLUME	ME	SUBGRADED	SUBGRADE DISTRIBUTION	RCCK
		CARRIAGE	. ROAD	SHOULDER	SECTION	CENTRAL						FORMATION
STATION	DISTANCE	LEFT SIDE WIDTH	RIGHT SIDE WIDTH	SIDE	RIGTH SIDE	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
		(iii)	Œ	(m2)	(m2)	(m2)	(m2)	(m2)	(£m3)	(m3)	(m3)	(m2)
13 + 900,000	20.000	7.00	7.00	0.854		1.050			139.16	139.16		
13 + 920.000	20.000	7.00	7.00	0.854	0.854	1,050			139.16	139.16		
13 + 924.397	4.397	7:00	7.00	0.854		1,050				30.59		
13 .+ 940.000	15.603	7.00	7.00	0.854	0.854	1,050				108.57		
13 + 960.000	20.000	7.00	7.00	0.854		1,050			139.16	139.16		
13 + 980,000	20.000	7.00	7.00	0.854		1,050			139.16	139.16		
14 + 000,000	20.000	7.00	7.00	0.854	0.854	1,050			139.16	139.16		
14 + 020.000	20.000	7.00	7.00	0.747	0.747	1,050	6.74	6.85	137.02	137.02		
14 + 040.000	20.000	7.00	7.00	0.747	0.747	1.050			134.88	134.88		
14 + 046.897	6.897	7.00	7.00	0.747	0.747	1.050	6.74	6.74	46.51	46.51		
14 + 060.000	13.103	7.00	7.00	0.747	0.747	1.050	6.74		88.37	88.37		
14 + 080.000		7.00	7.00	0.747	0.747	1,050	6.74	6.74	134.88	134.88		
14 + 100.000	20.000	7.00	7.00	0.747	0.747	1,050	6.74		134.88	134.88		
14 + 120.000	20.000	7.00	7.00	0.747		1,050	6.85	08'9	135.95	135.95		
14 + 140.000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	6.90	138.09	138.09		
14 + 160.000		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	101.32	37.84	
14 + 180.000	20.000	7.00	7.00	0.854	0.854	1.050		96'9	139.16	44.14	95.02	
14 + 200.000	20.000	7.00	7.00	0.854		1.050	96'9		139.16		139.16	
14 + 220.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
14 + 240.000	20.000	7.00	7.00	0.854	0.854	1,050	96.9	96.9	139.16		139.16	
14 + 260.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
14 + 280.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
14 + 300,000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16		139.16	
14 + 320.000		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
14 + 340.000	20.000	00'4	00'4	0.854	0.854	1.050	96'9	96.9	139.16		139.16	
+						1.050	96'9	96.9	139.16	:	139.16	
+		7.00	7.00	0.854	0.854	1,050	96.9	96.9	139.16		139.16	
}		7,00	00'2	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
Ì		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
14 + 440.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
+		7 W	7.00	V>0 U	0.854	1050	707	70.7	2.001	-	10000	
				0.07		OCO.		0.20	01.60		139.10	,

UTION ROCK		CUT AREAS LEVELLING		1) (20 001	137.10	139.16	139.16	139.16	139,16	104.95	34.21	139.16	139.16	139.16	139,16	139.16	139.16	139.16	35.37	103.79	139.16	139.16	139.16	139.16	139.16	29.00								50.59
SUBGRADE DISTRIBUTION		FILL AREAS CUT		(m3)																						6.39	103.77	139,16	137.02	134.88	134.88	134.88	135.95	52.77
4E		VOLUME	· · · · · · · · · · · · · · · · · · ·	(m3)	137.10	139.16	139.16	139.16	139.16	104.95	34.21	139.16	139.16	139.16	139,16	139.16	139.16	139.16	35.37	103.79	139.16	139.16	139.16	139.16	139.16	35.39	103.77	139.16	137.02	134.88	134.88	134.88	135.95	103.35
SUBGRADE VOLUME		AVERAGE		(m/c)	06.0	96'9	96'9	96'9	96.9	6.96	96.9	6.96	6.96	96.9	96'9	96'9	96.9	96'9	96.9	6.96	96.9	96'9	6.96	96.9	6.96	96.9	96.9	96.9	6.85	6.74	6.74	6.74		6.85
SUB		SECTION	•	(Zw)	0.30	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96'9								96.9		6.74	6.74	6.74		6.85
	CENTRAL	RESERVE	SECTION	(m2)	OKO. L	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050		1.050		1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050	1.050
Si	SECTION	RIGTH	SIDE	(m2)	0.874	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.747	0.747	0.747	0.747	0.854	0.854
SHEGRADE AREAS	SHOULDER	LEE	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.747	0.747			0.747	0 747
IIIS		RIGHT SIDE	WIDTH	(E)	3.5	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	00.7	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	00.7	-		7.00	7.00	7 00
	CARRIAGE ROAD	LEFT SIDE	WIDTH	(m)	7.88	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00					7.00	W 2
	- <b>!</b>	DISTANCE			20.000	20.000	20.00		20.000			20.000		]	20.000	20.000							20.000	20:000	20.000		-		١.					
MAIN ROAD		STATION			14 + 500.000	14 + 520,090	14 + \$40,000	+	14 + 580,000	14 + 595.083	14 + 600.000	14 + 620.000	14 + 640.000		14 + 680.000	14 + 700.000	14 + 720.000	14 + 740,000	14 + 745.083	14 + 760.000	14 + 780.000	+	14 + 820,000	14 + 840,000	14 + 860.000	14 + 865.086	14 + 880.000	+	1	+		. +	+	١.

	ROCK	FORMATION	CEVELLING		(m2)																																P1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	STRIBUTION		CUT AREAS		(Em)	139.16	139.16	139.16	139,16	139.16	139.16	35.39	103.77	139.16	1 39.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	86.11	53.05	139.16	139.16	139.16	139.16	139.16	33.92		139.16	130.62	122.08	113.54	21,00	
	SUBGRADED		FILL AREAS		(m3)													: -																			
	4E		VOLUME		(m3)	139.16	139.16	139.16	139.16	139.16	139.16	35.39	103.77	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	86.11	53.05	139.16	139.16	139.16	139.16	139.16	33.92		139.16	130.62	122.08	113.54	21.00	
	SUBGRADE VOLUME		AVERAGE		(m2)	96.9	6.96	96.9	6.96	96.9	96.9	96.9	6.96	96.9	95.9	6.96	96.9	96.9	6.96	96.9	96.9	96.9	6.96	96.9	96.9	96.9	96.9	96.9	96.9	96'9	in the second	96.9	6.53	6.10	5.68	5.25	
	SUBC		SECTION	<u></u> [8] 1	(m2)	96.9	96'9	96.9	96'9	96.9	6.96	6.96	96'9	96'9	96'9	96'9	96.9	96.9	96.9	96.9	96.9	96.9	96'9	96.9	96.9	96'9	96.9	96.9	96'9	96.9	6.96	96.9	6.10	6.10	5.25	5,25	5,93
		CENTRAL	RESERVE	SECTION	(m2)	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	050.1	1.050
		SECTION	RIGTH	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.000	0.000	0.225
	SUBGRADE AREAS	SHOULDER SI	. `	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.000	0000	000:0	0.000	0000
	SUB	ROAD	RIGHT SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	05 8
COMPUTATION OF SUBGRADE VOLUMES MAIN ROAD		إيب	<u>й</u>	WIDTH	(m)	7:00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00
SUBGRADE	لب		DISTANCE	: .	+	20.000	20.000	20.000	20.000	20.000	20.000	5.086	14,914	20.000	20.000	20 000	20,000	20.000	20.000	20,000	20.000	20.000	12,375	7.625	20.000	20,000	20.000	20.000	20.000	4.875	0.000	20.000	20.000	20,000	20.000	4.000	1000
COMPUTATION OF MAIN ROAD			STATION			15 + 060.000	15 + 080.000	15 + 100.000	15-+ 120,000	15 + 140.000	15 + 160.000	15 + 165.086	15 + 180.000	15 + 200.000	15 + 220.000	15 + 240.000	15 + 260.000	15 + 280.000	15 + 300,000	15 + 320.000	15 + 340,000	15 + 360.000	15 + 372.375	15 + 380.000	15 + 400,000	15 + 420.000	15 + 440.000	15 + 460.000	15 + 480.000	15 + 484.875	+	15 + 320,000	15 + 340.000	1	15 + 380.000	15 + 384.000	

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

WOLUME FILL AREAS CUT AREAS (m3) (m3) (m3) (m3) 91.20 87.60 22.80 22.80 22.80 22.80 22.80		AVERAGI (m2)	AVERA( (m2) 48 48 70	SECTION AVERA( (m2) (m2) 50 5.48	RESERVE SECTION			LEFT RIGTH RESERVE SECTION	
77.60 77.60 2.80	_		5.48 5.48 5.70 5.70	1.050 (m2) (m2) 5.48		NICTH RESERVE SECTION SIDE SECTION	RIGTH	SIDE	WIDTH SIDE SECTION
87.60 22.80 22.80	5.70		5.48 5.70 5.70		(m2)	0.225 (m2) (m2) 1.050 5.48	(m2) (m2) (m2) (m2) (m2) (m3)	7.00 0.000 0.25 (m2) (m2) 5.48	7.00 (m2) (m2) (m2) (m2) (m2) (m2) (m2) (m2)
22.80				5.48	875 0501	0.225 1.050 5.48	0.000 0.225 1.050 5.48	0,000 0,225 1,050 5,48	7.00 0.000 0.225 1.050 5.48
22.80				5.70	1,050	1,050	0.000 1.050	8.50 0.000 0.000 5.70	7.00 8.50 0.000 0.000 5.70
22.80		5.70			5.70	0.000 1.050 5.70	0.000 0.000 1.050 5.70	8.50 0.000 0.000 1.050 5.70	4,000 7,00 8,50 0,000 0,000 1,050 5,70
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5.70		5.70	1.050	0.000 1.050 5.70	0.000 1.050 5.70	8.50 0.000 0.000 1.050	4.000 1.050 8.50 0.000 8.50 5.70
				5.93	1.050 5.93	0.000 1.050 5.93	0.225 0.000 1.050 5.93	7,00 0,225 0,000 1,050 5,93	0.000 8.50 7.00 0.225 0.000 1.050 5.93
94.80		5.93	5.93 5.93		5.93	1.050 5.93	0.225 0.000 1.050 5.93	7.00 0.225 0.000 1.050 5.93	16,000 8.50 7.00 0.225 0.000 1.050 5.93
94.80		5,93	5.93		5.93	1,050	0.225 0.000 1.050 5.93	0.225 0.000 5.93	16,000 8.50 7.00 0.225 0.000 1.050 5.93
				5.25	1.050 5.25	0.000 1.050 5.25	0.000 0.000 1.050 5.25	7.00 0.000 0.000 1.050 5.25	0.000 7.00 7.00 0.000 0.000 1.050 5.25
21.00	:	5.25	5.25 5.25		5.25	1,050	0.000 1.050 5.25	0.000 0.000 1.050 5.25	4.000 7.00 7.00 0.000 0.000 1.050 5.25
105,001	1	5,25	5.25 5.25		5.25	1.050	0.000 1.050 5.25	0.000 0.000 1.050 5.25	7.00 0.000 0.000 1.050 5.25
105.00		5.25	5.25 5.25		5.25	1.050 5.25	0.000 1.050 5.25	7.00 0.000 0.000 1.050 5.25	7.00 0.000 0.000 1.050 5.25
105.00	1	5.25	5.25 5.25		5,25)	1.050	0.000 1.050 5.25	0.000 0.000 1.050 5.25	7.00 0.000 0.000 1.050 5.25
112.47		5.62	6.00 5.62		()0.9	1.050	0.747 1.050 6.00	7.00 7.00 0.000 0.747 1.050 6.00	7.00 0.000 0.747 1.050 6.00
119.94		9.00	00'9		00'9	1.050 6.00	0.747 1.050 6.00	0.000 0.747 1.050 6.00	7.00 0.000 0.747 1.050 6.00
119.94		9.00	00.9		90.9	1.050 6.00	0.747 1.050 6.00	7.00 7.00 0.000 0.747 1.050 6.00	7,00 0,000 0,747 1,050 6,00
119.94	Pag.	6.00	6.00		90:9	1.050 6.00	0.747) 1.050 6.00	7.00 7.00 0.000 0.747 1.050 6.00	7.00 7.00 0.000 0.747 1.050 6.00
119.94	-	90.9	90.9		90.9	1.050	0.747 1.050 6.00	7.00 7.00 0.000 0.747 1.050	7.00 0.000 0.747 1.050 6.00
119.94		6.00	6.00		90.9	1.050 6.00	0.747 1.050 6.00	7.00 7.00 0.000 0.747 1.050 6.00	7.00 0.000 0.747 1.050 6.00
112.47 85.28	120	5.62	5.25 5.62		5.25	1.050 5.25	0.000 1.050 5.25	7.00 7.00 0.000 0.000 1.050 5.25	7.00 7.00 0.000 0.000 1.050 5.25
112.47		5.62	6.00		00.9	1.050	0.000 0.0001	7.00 7.00 0.747 0.000 1.050 6.00	7.00 0.747 0.000 1.050 6.00
119.94	_	9.00	6.00		90.9	1.050	0.000 1.050	7.00 7.00 0.747 0.000 1.050 6.00	7.00 7.00 0.747 0.000 1.050 6.00
121.01	1	6.05	6.10 6.05		6.10	1.050/	0.854 1.050 6.10	7.00 7.00 0.000 0.854 1.050 6.10	7.00 0.000 0.854 1.050 6.10
122.08		6.10	6.10		6.10	1.050 6.10	0.854 1.050 6.10	7.00 7.00 0.000 0.854 1.050 6.10	7.00 0.000 0.854 1.050 6.10
130.62		6.53	6.96		96.9	1.050 6.96	0.854 1.050 6.96	7.00 7.00 0.854 0.854 1.050 6.96	7.00 0.854 0.854 1.050 6.96
139.16	1	6.96	6.96		96.9	1,050	0.854 1.050 6.96	7.00 7.00 0.854 0.854 6.96	7,00 0.854 0.854 1.050 6.96
139.16		6.96	96.9		96.9	1.050 6.96	0.854 1.050 6.96	7.00 7.00 0.854 0.854 1.050 6.96	20,000 7.00 7.00 0.854 0.854 1.050 6.96
139.16	1.	96.9	6.96 6.96		6.96	1.050 6.96	0.854 1.050 6.96	7.00 7.00 0.854 0.854 0.50	20,000] 7.00] 7.00 0.854 0.854 1.050 6.96
139.16	7	96.9	96.9		96.9	1.050 6.96	0.854 1.050 6.96	7.00 7.00 0.854 0.854 1.050 6.96	20.000 7.00 7.00 0.854 0.854 1.050 6.96
139.16	1	96.9	96.9		96'9	1.050	0.854 1.050 6.96	0.854 0.854 1.050 6.96	20.000 7.00 7.00 0.854 0.854 1.050 6.96
139.16		96.9		96'9	1.050	0.854 1.050 6.96	0.854 0.854 0.850 6.96	7.00 0.854 0.854 1.050 6.96	20.000 7.00 7.00 0.854 0.854 1.050 6.96
139.16	,	96.9		96'9	1.050 6.96	0.854 1.050 6.96	0.854 0.854 1.050 6.96	7.00 0.854 0.854 1.050 6.96	20,000 7,00 7,00 0.854 0.854 1,050 6,96

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

ROCK	FORMATION	LEVELLING	(m2)	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87																								
SUBGRADE DISTRIBUTION		CUT AREAS	(m3)									139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139,16	139.16	139.16	139.16	139.16	139.16	116.23	22.93	139.16	139.16	139.16
SUBGRADE		FILL AREAS	(m3)																														1		
ME		VOLUME	(m3)	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	116.23	22.93	139.16	139.16	139.16
SUBGRADE VOLUME		AVERAGE	(m2)	96.9	96.9	96'9	6.96	96.9	96'9	96.9	96.9	96.9	6.96	96.9	96.9	96.96	96'9	96.96	96.9	96.9	96'9	96.9	96.9	6.96	96.9	96.9	96.9	96.9	96.9	6.96	96.9	6.96	96.9	96.9	96.9
SUB		SECTION	(m2)	96.9	96.9	96:9	96.9	96.9	6.95	96.9	96.9	96.9	96.96	96.9	6.96	96.9	96.9	96.9	96.9	96'9	96.96	96.9	96.9	6.96	96.9	96:9	96.9	96.9	96'9	96.9	96.9	96'9	96'9	96'9	96.9
	CENTRAL	RESERVE	(m2)	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	050.1	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050
Si	SECTION	RIGTH	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	. 0.854	0.854	0.854	0.854
SUBGRADE AREAS	SHOULDER	LEFT		0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
OS		RIGHT SIDE WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00	7.00	7.00	7.00
	CARRIAGE ROAD	LEFT SIDE WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
		DISTANCE		20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000					20.000	20.000		20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000			2	20.000	
		Š	Zi.	920.000	940,000	960.000	980.000	000.000	020.000	040.000	060.000	080.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	320.000	340.000	360.000	380.000	400.000	420.000	440.000	456.704		1	500.000	520.000
		STATION		15 +	15 +	15+	15.+	16 +	16 +	16 +	16 +	+ 91	+ 91	+ 91	16 +	+ 9 <u>!</u>	16 +	+ 91	+ 91	16 +	16 +	+ 91	+ 91	16 +	+ 91	16 +	16 +	16 +	16 +	16 +	16 +		16 +	16 +	16 +

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

ではないと	COMPLIANTION OF SUBCRAPH VOLUMES	D VOOL TRADE										
MAIN ROAD		C YOLOIMES										
			SUE	SUBGRADE AREAS	Si		SUBC	SUBGRADE VOLUME	ME	SUBGRADE DISTRIBUTION	STRIBUTION	ROCK
		CARRIAGE ROAD	ROAD	SHOULDER	SECTION	CENTRAL						FORMATION
STATION	DISTANCE	LEFT SIDE	RIGHT SIDE	LEFT	RIGTH	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
		: :		(m)	(m)	(m2)	(m2)	(m2)	(m3)	(m3)	(m3)	(m2)
540,000	20.000	7.00	7.00	0.854	0.854	0501	6.96	96.9	139.16		139.16	
560,000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16		139.16	
580.000	20.000	7.00	7.00	0,854	0.854	1.050	96.9	96.9	139.16		139.16	
16 + 600,000	20.000	7,00	7.00	0.854	0.854	1.050	6.96	96.9	139.16		139.16	
620,000	20.000	7.00	7.00	0.854	0.854	1.050	96:9	96'9	139.16		139.16	
640,000	20.000	7.00	7,00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
+ 660.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139,16	
+ 680,000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	62.43	76.73	
÷ 700.000	20.000	7.00	7,00	0.854	0.854	1.050	96.9	6.96	139.16	111.57	27.59	
+ 720,000	20.000	7:00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
+ 723.371	3.371	7.00	7,00	0.854	0.854	1.050	96.9	96.9	23.46	23.46		
740,000	16.629	7.00	7.00	0.854	0.854	1.050	96.9	6.96	115.70	115.70		
760.000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16	22.17	116.99	
780.000	20.000	7.00	7,00	0.854	0.854	1.050	96'9	6.96	139.16	25.02	114.14	
+ 800.000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16	27.67	111.49	
820.000	20.000		7.00	0.854	0.854	1.050	96.9	96.9	139.16	46.59	92.57	
+ 840,000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	112.19	26.97	
860,000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96'9	139.16	128.83	10.33	
880,000		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
900.000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	6.96	139.16	139.16		
920.000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96'9	139.16	139.16		
940,000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16	139.16		
960,000	20.000	7,00	7.00	0.854	0.854	1.050	96'9	96.9	139.16	139.16		
+ 980,000		7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16	139.16		
+ 000,000		7.00[	7.00	0.854	0.854	1.050	6.96	6.96	139.16	139.16		
+ 001.586	1.586	7.00	7.00	0.854	0.854	1.050	96'9	96.9	11.04	11.04		
020.000	18.414	7.00	7.00	0.854	0.854	1.050	96'9	96'9	128.12		128.12	
040,000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16		139.16	
000.090		7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16		139.16	
080:000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96'9	139.16		139.16	
+ 100,000	20.000	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16		139.16	
Ì						-	-					

BATTION BEACOND	SECTION SIDI		SIDE LEFT SIDE (m2) 7.00 (m2) 7.00 (	SHOULT SHOULT SIDE SIDE SIDE SIDE SIDE SIDE SIDE SIDE
CENTRAL	RIGI SIDI (m2	SIDE (m2) (m2) (m2) (m2) (m3) (m3) (m3) (m3) (m3) (m3) (m3) (m3	SIDE (#2)  TH SIDE  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00	MIDTH SIDE LEFT  (m) (m2)  (m) 7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00  7.00
	8854 (m2 8854 (m2 8854 (m3 8854 (m3	SIDE (m2) ( (m2) ( (m2) ( (m3)	(#) (#) (#) (#) (#) (#) (#) (#) (#) (#)	(m) (m2) (m2) (m2) (m2) (m3) (m3) (m3) (m3) (m3) (m3) (m3) (m3
SECTION	0.854 0.854 0.854 0.854 0.854 0.854	(m2)	(202) (202) (203) (2	7.00 (m) (m2 (m2 (m2 (m2 (m2 (m2 (m2 (m2 (m2 (m2
) (m2) (m2) (m2)				7.00
050				7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.00
1,050				7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.00
1,050				7.00
1.050				7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.00
0.854 1.050 6.96				7.00
0.854 1.050 6.96		0 0 0 0		7.00
0.854 1.050 6.96		0.70		7.00
0.854 1.050 6.96		0.7		7.00
0.854 1.050 6.96		0.7. 0.7. 0.7.		7.00
0.854 1.050 6.85		0.7. 0.7.		7,00
0,854 1.050 6.85		0.7		7.00
0.854 1.050 6.85		0		7.00
0.854 1.050 6.85	0.747			2.00
0.854 1.050 6.85	0.747	O.	7.00	, S.
0.854 1.050 6.85		0		7.00
0.854 1.050 6.85	0.747	Ö.		
0.854 1.050 6.85	0.747	0		7.00
0.854 1.050 6.85	0.747	Ö	7.00 0.7	
0.854 1.050 6.85	0.747	Ö	7.00	
0.854 1.050 6.85	0.747	0	7.00	
0.854 1.050 6.85	0.747	O	7.00	
0.854 1.050 6.96	0.854	O	7,00	
0.854 1.050 6.96	0.854	0.8	7.00	
0.854 1.050 6.96	0.854	0.8	7.00	
0.854 1.050 6.96		0.854	7.00	7.00
0.854 1.050 6.96	0.854	0.8	7.00	
0.854 1.050 6.96		0.854		7.00
0.854 1.050 6.96	0.854 (			
0.854 1.050 6.96	0.854		7.00	7.00
0.854 1.050 6.96	0.854			2 00
				20.

	ROCK	FORMATION	LEVELLING	(m2)																															
	STRIBUTION		CUT AREAS	(m3)	139.16	139.16	139.16	139.16	139.16	139.16	121.38	37.83	52.90	54.93	59.73	76.34	74.51	85.83	87.89	84.84	71.10	. 71.76	33.96	29.81	23.93	10.26	2.56	4.79							
	SUBGRADE DISTRIBUTION		FILL AREAS	(m3)							17.78	14.30	34.12	84.23	79.43	62.82	64.65	53.33	51.27	54.32	90:89	66.33	103.06	107.21	113.09	101.12	23.08	132.23	137.02	137.02	137.02	137.02	137.02	137.02	42.87
	IME		VOLUME	(m3)	139.16	139.16	139.16	139.16	139.16	139.16	139.16	52.14	87.02	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	138.09	137.02	137.02	137.02	111.38	25.64	137.02	137.02	137.02	137.02	137.02	137.02	137.02	42.87
	SUBGRADE VOLUME		AVERAGE	(m2)			96.9	96.9	96.9	96.9		96.9	96.9	96.9	96.9	96'9	6.96	96'9	96'9	96'9	96.9	6.90	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85
	SU		SECTION	(m2)			96'9	96'9	96.9	96.9		6.96	96'9	96'9		96.9	96.9	96.9	96.9	96'9	96.9	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85
		CENTRAL	RESERVE	(m2)			1,050	050.1	050'1	1.050	050.1	1.050	1.050	050.1	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050	1.050
	AS	SECTION	RIGTH	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	SUBGRADE AREAS	SHOULDER	LEFT	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747
	SU	ROAD	RIGHT SIDE WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
E VOLUMES		CARRIAGE	LEFT SIDE WIDTH	(m)	7.00		7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
FSUBGRAD			DISTANCE		20.000	20.000	20.000	20.000	20.000	20.000	20.000	7.493	12.507	20.000	20.000		20.000		20.000	20.000	20.000		20.000	20.000	20.000	16.257	3.743	20.000	20.000	20.000		20.000	20.000	20,000	6.257
COMPUTATION OF SUBGRADE VOLUMES MAIN ROAD			STATION		17 + 740.000	17 + 760.000	17 + 780.000	17~+ 800.000	17 + 820.000	17 + 840.000	17 + 860.000	17 + 867.493	17 + 880.000	17 + 900.000	+	17 + 949,000	17 + 960.000	17 + 980.000	18 + 000,000	18 + 020,000	18 + 040,000	18 + 060.000	18 + 080,000	18 + 100.000	18 + 120.000	18 + 136.257	18 + 140,000	18 + 160,000		18 + 200.000	18 + 220,000	18 + 240,000	18 + 260,000	18 + 280,000	18 + 286,257

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

ſ	×.	NOL	DNI.	·			/								<u> </u>		-														<b>-</b>				:
	XOOK X	FORMATION	LEVELLING		(m2)		·																	ţ											
	TRIBUTION		CUT AREAS		(m3)											40.71	47.12	17.40	139.16	129.39	139.16	139.16	139.16	139.16	139.16	139,16	113.12	26.04	139.16	139.16	139.16	139.16	139.16	139.16	31 051
	SUBGRADE DISTRIBUTION		FILL AREAS	<del></del>	(m3)	137.02	135.95	134.88	134.88	134.88	134.88	135.99	137.06	121.01	105.00	87.96	73.89	120.69		72.6															
	ME		VOLUME		(m3)	137.02	135.95	134.88	134.88	134.88	134.88	135.99	137.06	121.01	105.00	105.00	121.01	138.09	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	113.12	26.04	139.16	139.16	139.16	139.16	139.16	139.16	120 16
	SUBGRADE VOLUME		AVERAGE		(m2)	6.85	6.80	6.74	6.74	6.74	6.74	6.80	6.85	6.05	5.25	5.25	6.05	06.90	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	202
	SUB		SECTION		(m2)	6.85	6.74	6.74	6.74	6.74	6.74	6.86	6.85	5.25	5.25	5.25	6.85	96.9	96'9	96.9	96.9	96.9	96.9	6.96	96.9	96'9	96.9	96.9	96.9	96.9	96.9	96:9	96.9	96:9	70.7
		CENTRAL	RESERVE	SECTION	(m2)	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1,050	1.050	1.050	1,050	1,050	1.050
	-	SECTION	RIGTH	SIDE	(m2)	0.854	0.747	0.747	0.747	0.747	0.747	0.858	0.854	0.000	0.000	0.000	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	1000
14, 40,	ائد	ER.	LEFT	SIDE	(m2)	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.000	0.000	0.000	0.747	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	
		ROAD	RIGHT SIDE	WIDTH	Œ	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00	7.00	7.00	7.00	7.00	7.00	7.00	5
		CARRIAGE	LEFF SIDE	WIDTH	Œ	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	ę
			DISTANCE	:		2000	20.000	20.000	20.000	20,000	20 000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	16.257	3.743	20.000	20.000	20.000	20.000	20.000	20.000	000
JAU						320.000	340.000	360.000	380.000	400.000	420 000	440.000	460.000	480.000	200.000	520.000	540,000	260.000	580.000	900.009	620.000	640.000	000.099	680.000	700.000	720.000	736.257	740.000	760.000	780.000	800,000	820.000	840.000	860.000	
MAIN ROAD		į	STATION			+ 82	+ 81	18 +	18.+	18 +	18 +	+ 81	+ &	18 +	18	18 +	18 +	+ 81	18 +	18 +	+ &!	18 +	18 +	+ 81	18 +	18 +	18 +	18 +	+ 81	+ 81		+ 81	18 +	18 +	

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

<u>ت</u>	ROAD	SHOULDER	SECTION	CENTRAL						FORMATION
-	RIGHT SIDE	LEFT	RIGTH	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
	WIDTH	SIDE	SIDE	SECTION					i i i	
	(m)	(m2)	(m2)	(m2)	(m2)	(m2)	(m3)	(m3)	(m3)	(m2)
	7.00	0.854	0.854		96.9	96'9	139.16		139.16	
1	7.00		0.854	1.050	6.96		139.16	44.75		
- 1	7.00	0.854	0.854	1,050	96.9	96'9	139.16		55.17	
•	7.00	0.854	0.854	1.050	96'9		139.16	_		
	7.00	0.747	0.854	1.050	6.85	906.9	138.09		)-	
	7.00	0.747	0.854	1.050	6.85	6.85	137.02	137.02	2	
	7.00	0.747	0.747	1.050	6.74	08.9	81.52	81.52	-	
	7.00	0.747	0.747	1.050	6.74	6.74	\$4.01	54.01		
1	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
- 1	7.00	0.747	0.747	1,050	6.74	6.74	134.88	134.88		
ı	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
1	7.00	0.747	0.747	1,050	6.74	6.74	134,88	134.88		
· }	7.00	0.747	0.747	1,050	6.74	6.74	134.88	134.88		
- }	7.8	0.747	0.747	1,050	6.74	6.74	134,88	134.88		
- }	7.00	0.747	0.747	1,050	6.74	6.74	134,88	134.88		
}	7.00	0.747	0.854	1.050	6.85	6.80	135.95	120.22	15.73	
Ì	7.00	0.854	0.854	1,050	96.9	06.9	138.09	58.75	79.34	
- }	7.00	0.854	0.854	1,050	96.9	96'9	139,16		139.16	
ı	7.00	0.854	0.854	1,050	96.9	96.9	139,16		139.16	
1	7.00	0.854	0.854	1.050	96.9	96.9	139,16		139.16	
	7.00	0.854	0.854	1,050	96.9	96.9	139.16		139.16	
	7.00	0.854	0.854	1.050	96.9	96'9	139,16		139.16	
	7.00	0.854	0.854	1.050	96'9	969	139,16	4.29	134.87	
	7.00	0.854	0.854	1,050	96.9	96.9	139.16	95.21	43.95	
	7.00	0.854	0.854	1.050	96'9	96.9	139.16	115.55	23.61	
	7.00	0.747	0.854	1.050	6.85	6.90	138,09	138.09		
	7.00	0.747	0.854	1.050	6.85	6.85	137.02	137.02		
	7.00	0.747	0.747	1.050	6.74	6.80	135.95	135.95		
	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
	7.00	0.747	0.747	1.050	6.74	6.74	134.88	134.88		
- 1	7.00		0.747	1.050	6.74	6.74	13.43	13,43		
	5		1							

	ROCK	FORMATION	<u></u>	(m2)												78.13	138.09	139.16	139.16	139.16	139.16	139.16	93.93	45.23	139.16	.16	139.16	.16	.16	. 16	.16	.16	16	.16
	SUBGRADE DISTRIBUTION	34545		(m3)												78	138	139	139	139	139	139	93.	45.	139.	139,16	139.	139.16	139.16	139.16	139.16	139.16	139.16	139.16
	SUBGRADED	SPE 4 PE 4 C		(m3)	134.88	134.88	134.88	134.88	134.88	134.88	134.88	34.85	100.03	134.88	135.95	58.85																		
	ME	TAGE COV		(m3)	134.88	134.88	134.88	134.88	134.88	134.88	134.88	34.85	100.03	134.88	135.95	137.02	138.09	91.621	139.16	139.16	139.16	139.16	93.93	45.23	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16
	SUBGRADE VOLUME	AVERAGE	2	(m2)	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74	08.9	6.85	06.9	96'9	6.96	96.9	96'9	96.9	96.9	96.9	96'9	96'9	96.9	96'9	6.96	96'9	96.9	96'9	96.9	96'9
	SUB	SECTION	) )	(m2)	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.85	6.85	96.9	96.9	96.9	96.9	96.96	96'9	96.9	96.9	96.9	96.9	96'9	96.9	96.9	96.9	96'9	96'9	96'9	96.9
		CENTRAL	SECTION	(m2)	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050	1.050
	S	SECTION	SIDE	(m2)	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	SUBGRADE AREAS	SHOULDER S	SIDE	(m2)	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.747	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
	l	ROAD RIGHT SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7.00	7.00	7.00	7.00	7,00	7.00	7.00	7.00	7.00	7.00	7.00
		LEFT SIDE RIGHT		(m)	7:00	7,00	7.00	00.7	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7.00	7.00	7,00	7.00	7,00	7,00	7,00	7.00	7,00	7,00	7.00	7.00	7.00	7,00	7.00	7.00	7.00	7.00
		DISTANCE			20.000	20.000	20.000	20.000	20.000	20,000	20.000				20.000	20.000				20.000				6.500		20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20,000
MAIN ROAD		STATION			19 + \$40,000	19 + 560.0KB	19 + 580.000	19.+ 600.000	19 + 620,000	19 + 640.000	19 → 660.000	+	+	+	19 + 720,000	19 + 740.000	19 + 760.000	19 + 780.000	000'008 + 61	19 + 820,000	19 + 840,000	19 + 860,000	19 + 873.500	19 + 880.000	19 + 900.000	19 + 920.000	19 + 940.000	19 + 950.000	19 + 980.000	20 + 000.000	20 + 020,000	20 + 040,000	+	20 + 080.000

SHOULDER SE	מנוטט
SIDE SIDE (m2)	. <sup>21</sup>
0.854 0.854	0.854 0.
	0.854
0.854 0.854	
0.747	0.747
	0.747
	0.747
0.747 0.854	
0.747	
0,747 0,854	
0.854	
	0.854
	0.854
0.854	0.854
	0.854
0.854	7.00
0.854	
0.854 0.854	
0.000	
0.000	7.00
0.000	7.00
0.000	7.00 0.000
0.000	
0.000	
0.225	0.225
0.225 0.000	
0.000	
0.000	7.00

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

	÷.,		ROCK	FORMATION	LEVELLING		(m2)																												164.72	463.87	463.87	463.87
			×	FOR	LEVE																																	
•			STRIBUTION		<b>CUT AREAS</b>		(m3)																										138.09	89.74	·			
			SUBGRADE DISTRIBUTION		FILL AREAS		(m3)	19.78	105.00	105.00	105.00	21.00		94.80	94.80		21.00	105.00	105.00	105.00	105.001	105.00	23.97	81.03	119.94	134.88	134.88	134.88	119.94	105.00	105.00	121.01						
		.:+ l	ME		VOLUME	<u>.</u>	(m3)	19.78	105.00	105.00	105.00	21.00		94.80	94.80		21.00	105.00	105.00	105.00	105.00	105.00	23.97	81.03	119.94	134.88	134.88	134.88	119.94	105.00	105.00	121.01	138.09	89.74	49.42	139.16	139.16	139.16
			SUBGRADE VOLUME		AVERAGE		(m2)	5.25	5.25	5.25	5.25	5.25		5.93	5.93		5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	00.9	6.74	6.74	6.74	6.00	5.25	5.25	6.05	96.90	6.96	96.9	96'9	96.9	96.9
			ans		SECTION		(m2)	5.25	5,25	5.25	5.25	5.25	5.93	5.93	5.93	5:25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	6.74	6.74	6.74	6.74	5.25	5.25	5.25	6.85	96'9	96.9	96.9	96.9	96.9	96.9
				CENTRAL	RESERVE	SECTION	(m2)	1.050	1.050	1.050	1.050	1.050		1.050	1.050	1.050	1,050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050
			\$\$	SECTION	RIGTH	SIDE	(m2)	0.000	0.000	0.000	0.000	0.000	0.225	0.225	0.225	0.000	0000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.747	0.747	0.747	0.747	0.000	0.000	0.000	0.747	0.854	0.854	0.854	0.854	0.854	0.854
		i	SUBGRADE AREAS	SHOULDER	LEFT	SIDE	(m2)	0.000	0.000	0.000	0.000	0000	0.000	0.000	0.000	0.000	0.000	0000	0.000	0.000	0.000	0.000	0.000	0.000	0.747	0.747	0.747	0.747	0.000	0000	0000	0.854	0.854	0.854	0.854	0.854	0.854	0.854
			SUI	ROAD	RICHT SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	8.50	8.50	8.50	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	: VOLUMES			땆	m	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	COMPUTATION OF SUBGRADE VOLUMES			1	DISTANCE			3.768	20.000	20.000	20.000	4,000	0.00	- [		0.000	-	20.000	20.000	20.000	20.000	20.000	4.565	15.435	20.000		20.000	20.000	20.000	20.000	20.000	20.000	20.000		7.102	20.000		20.030
	ATION OF	AD						680,000	700.000	720.000	740.000	744.000	744.000	760.000	776.000	776.000	780.000	800.000	820.000	840.000	860.000	880.000	884.565	000.006	920.000	940.000	960.000	980.000	000.000	020.000	040.000	060.000	080.000	092.898	100.000	120.000	140.000	160.000
	COMPUT	MAIN ROAD	:		STATION			+ 0Z	+ 02	702	± 02	+ 02	\$	÷ 02	<del>+</del> 02	\$	+ 8	<del>+</del>	÷ 8	<del>5</del> 0 +	20 +	÷ 8	÷	4 8	70 +	<sup>+</sup> 02	<del>+</del> 02	702	21 +	21 +	21 +	21 +	21 +	21 +	i	21 +	1 1	1

COMPUTATION OF SUBGRADE VOLUMES
MAIN ROAD

ROCK	NOTAMACE	LEVELLING		(m2)	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	463.87	72.85	391.02										
STRIBITION		CUT AREAS		(m3)																		-1-				139.16	139.16	139.16	95.63	123.29	139.16	139.16	139.16	139.16	79.84
SUBGRADE DISTRIBITION		FILL AREAS		(m3)																									43.53	15.87					
ME		VOLUME		(m3)	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	21.86	117.30	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	139.16	79.84
SUBGRADE VOLUME		AVERAGE		(m2)	6.96	96'9	96'9	96.9	96'9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96'9	96'9	96.9	96.9	96'9	96'9	96.9	6.96	96.9	96'9	96'9	96.9	96.9
SUB		SECTION		(m2)	96.9	96.9	96'9	96.9	96.9	6.96	96.9	96.9	96.9	96.9	96.9	96.9	6.96	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	6.96	6.96	96.9	96.9	96.9	96.9	96'9	96.9	96.9	96'9
	CENTRAL	RESERVE	SECTION	(m2)	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1,050	1.050	1.050
4.5	SECTION	RICTH	SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	. 0.854	0.854	0.854
SUBGRADE AREAS	E E		SIDE	(m2)	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854	0.854
ins	ROAD	RIGHT SIDE	WIDTH	(m)	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7,00	7,00	7,00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	CARRIAGE	LEFT SIDE	WIDTH	(m)	7.00	7.00	7.00	7,00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	2.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	L	DISTANCE	· · ·		20.000	20.000	20,000	20,000	20.000	20.000	20.000		20.000	Ì	20.000		30.000		30.000		20.000		20.000	3.141		20.000	20.000	20.000	20.000	20.000			20.000		
MAIN KOAD	4 17 4 17 4 18	STATION			21 + 200.000	11 + 220.000	21 + 240,000	21 + 260.000	21 + 280.000	21 + 300.000	21 + 320.000	21 + 340.000	21 + 360.000	21 + 380.000	21 + 400.000	21 + 420.000	21 + 440.000	21 + 460.000	21 + 480.000	+	21 + 520.000	21 + 540.000	21 + 560,000	21 + 563.141	21 + 580,000	21 + 600.000	21 + 620.000	21 + 640.000	21 + 660.000	21 + 680.000	   + 	+	21 + 740.000	+	100 100

COMPUTATION OF SUBGRADE VOLUMES

			IJIS SUI	SUBGRADE AREAS	S		SUB	SUBGRADE VOLUME	ME	SUBGRADE	SUBGRADE DISTRIBUTION	ROCK
		CARRIAGE ROAL	S ROAD	SHOULDER S	SECTION	CENTRAL						FORMATION
STATION	DISTANCE	LEFT SIDE	RIGHT SIDE	<u> </u>	RIGTH	RESERVE	SECTION	AVERAGE	VOLUME	FILL AREAS	CUT AREAS	LEVELLING
		MIDIM (a)	WIDTH (m)	SIDE (m2)	SIDE (m)	SECTION (FE)	ć	61)	 (* 1	,	ć	
21 + 800.000	20.000	7.00		0.854	0.854	1 050	96.9	1969		7cm)	31 051	(mz)
21 + 820.000	20.000	7.00		0.854	0.854	1.050	96.9	96.9			139.16	
21 + 840,000	20,000	7.00	7.00	0.854	0.854	1.050	96.9	96.9			139.16	
21. + 860.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9			139.16	
21 + 880.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	<b>.</b>
21 + 900.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96'9	139.16		139,16	
21 + 920,000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	6.96	139.16		139.16	
21 + 931.474	11.474	7.00	7.00	0.854	0.854	1.050	96'9	96'9	79.84		79.84	
+	0 8.526	7.00	7.00	0.854	0.854	1.050	6.96	96.9	59.32			27.751
+	-	7.00	7.00	0.854	0.854	1.050	96'9	96'9	139.16		:	463.87
+	١			0.854	0.854	1.050	96.9	96'9	139.16			463.87
+			7.00	0.854	0.854	1.050	96'9	96'9	139.16			463.87
+			7.00	0.854	0.854	1.050	96'9	96.9	139.16		: .	463.87
+	.	7.00	7.00	0.854	0.854	1.050	96.90	96'9	139.16			463.87
+				0.854	0.854	1.050	96.9	6.96	139.16			463.87
+		7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16			463.87
22 + 100.000	0 20.000	7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16			463.87
22 + 103.231	1 3.231	7.00	7.00	0.854	0.854	1.050	96.9	96.9	22.48			74.94
22 + 120,000	0 16.769	7.00	7.00	0.854	0.854	1.050	96.9	96.9	116.68			388.93
22 + 140.000	0 20.000	7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16			463.87
22 + 160.000	-	7.00	7.00	0.854	0.854	1.050	96'9	96.9	139.16			463.87
22 + 180.000		7.00	7.00	0.854	0.854	1.050	96'9	6.96	139.16			463.87
22 + 200.000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	96.9	139.16			463.87
22 + 220.000	20.000	7.00	7.00	0.854	0.854	1.050	96.9	96:9	139.16		139.16	
22 + 240,000	20.000	7.00	7.00	0.854	0.854	1.050	6.96	96'9	139.16		139.16	
22 + 260.000	00.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	
+	1 3.231	7.00	7.00	0.854	0.854	1.050	96.9	96.9	22.48		22.48	
22 + 280.000	0 16.769	7.00	7.00	0.854	0.854	1.050	96.9	96.9	116.68		116.68	
22 + 300.000	0 20.000	7.00	7.00	0.854	0,854	1,050	96.9	96.9	139.16		139.16	
22 + 320.000	20.000		7.00	0.854	0.854	1.050	96.9	96.9	139.16		139.16	:
22 + 340.000	0 20.000	7.00	7.00	0.854	0.854	1.050	96.9	96.9	139.16		130 16	
									-	·	17.17.	