

REMOVAL OF EXISTING STRUCTURES			
STATION	SIDE	ITEM	LENGTH
3+085	LT	INLET	
3+124	LT	INLET	
3+461	LT	INLET	

CONCRETE PAVEMENT (200 mm UNIFORM) (AE)			
STATION	SIDE	m ²	REMARKS
3+065	LT	17	DRIVEWAY
3+147	LT	148	PAVEMENT
3+160	LT	41	DRIVEWAY
3+195	RT	82	DRIVEWAY
3+243	LT	41	DRIVEWAY
3+268	LT	100	DRIVEWAY
3+269	RT	86	DRIVEWAY
3+507	LT	76	DRIVEWAY
TOTAL		591	

150mm REINFORCED ROCK BASE			
STATION TO STATION	AREA (m ²)	REMARKS	
3+136.5	3+146.3	46.6	ROCK ROAD-VALLEY GUTTER
3+281.4	3+325.9	554.7	ROCK ROAD
3+424.0	3+539.0	438.6	ROCK ROAD
49+885.7	49+980.9	301.7	K-96
TOTAL		1341.6	

CURB AND GUTTER (COMBINED) (AE)				
STATION TO STATION	SIDE	m	REMARKS	
3+066.4	3+156.0	96.4	ROCK ROAD-TYPE I	
3+165.4	3+187.9	26.8	ROCK ROAD-TYPE I	
3+201.8	3+237.9	39.0	ROCK ROAD-TYPE I	
3+247.6	3+262.5	18.8	ROCK ROAD-TYPE I	
3+273.8	3+281.4	9.6	ROCK ROAD-TYPE I	
3+470.4	3+502.2	34.7	ROCK ROAD-TYPE I	
3+511.7	3+539.0	30.7	ROCK ROAD-TYPE I	
3+137.3	3+202.9	65.1	ROCK ROAD-TYPE I	
3+212.7	3+263.6	54.2	ROCK ROAD-TYPE I	
3+273.6	3+281.3	13.3	ROCK ROAD-TYPE I	
3+147.7	3+178.6	63.2	ROCK ROAD MEDIAN-TYPE III	
3+218.7	3+281.4	126.0	ROCK ROAD MEDIAN-TYPE III	
TOTAL		577.8		

ROADWAY EARTHWORK SUMMARY										
STATION TO STATION	REMARKS	EXCAVATION				COMPACTION		EMBANKMENT (2) (TYPE B) (MR-90) (m ³)	COMMON EXCAVATION TO WASTE (3) (m ³)	
		COMMON		ROCK (1)		IN FILL	IN CUT			
		(m ³)	V.M.F.	(m ²)	V.M.F.	(TYPE B) (MR-90) (m ³)	(TYPE B) (MR-90) (m ³)			
3+085.0	3+326.2	ROCK ROAD	537	0.8	2064	1.1			537	
3+424.0	3+537.0	ROCK ROAD	82	0.8	481	1.1			82	
49+886	49+981	K-96	20	0.8	106	1.1			20	
						1.1				
						1.1				
						1.1				
TOTAL			639		2651		0	0	0	639

- (1) ALL ROCK EXCAVATION TO WASTE
(2) EMBANKMENT IS SUBSIDIARY TO "COMPACTION IN FILL"
(3) EQUALS (COMMON EXCAVATION) MINUS (COMPACTION IN FILL/V.M.F.)

CURB, EDGE (150 mm) (AE)				
STATION TO STATION	SIDE	m	REMARKS	
3+281.4	3+318.3	38.1	ROCK ROAD	
3+424.8	3+470.4	61.0	ROCK ROAD	
3+281.3	3+326.9	60.6	ROCK ROAD	
3+281.4	3+326.1	51.1	ROCK ROAD MEDIAN	
49+885.7	49+980.9	78.2	K-96	
TOTAL		159.7		

SIDEWALK CONSTRUCTION (100 mm) (AE) (PL)			
STATION TO STATION	SIDE	(m ²)	REMARKS
3+122.7	3+151.9	67.8	2.300m WIDE
3+168.9	3+182.3	31.0	2.300m WIDE
3+205.4	3+234.2	43.3	1.500m WIDE
3+251.3	3+258.8	11.3	1.500m WIDE
3+277.5	3+313.8	55.6	1.500m WIDE
TOTAL		209.0	

60mm BRICK SURFACING			
STATION TO STATION	(m ²)	REMARKS	
3+121.1	3+151.9	14.7	SIDEWALK
3+147.7	3+178.6	36.8	MEDIAN
3+169.6	3+183.9	5.3	SIDEWALK
3+214.0	3+326.2	129.6	MEDIAN
3+427.4	3+466.8	27.0	MEDIAN
TOTAL		213.4	

ROCK ROAD SUMMARY OF QUANTITIES			
		Manhattan Office 3204 Kimball Avenue Manhattan, KS 66503 (785)539-2202	
Designed By	JH	Checked By	JDM
Drawn By	JH, BJD	Date:	04/04/01 Job No. 55-70-2003