FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0198-01	2001	21	82

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	LT	96.4	ROCK ROAD-TYPE I
3+165.4	3+187.9	LT	26.8	ROCK ROAD-TYPE I
3+201.8	3+237.9	LT	39.0	ROCK ROAD-TYPE I
3+247.6	3+262.5	LT	18.8	ROCK ROAD-TYPE I
3+273.8	3+281.4	LT	9.6	ROCK ROAD-TYPE I
3+470.4	3+502.2	LT	34.7	ROCK ROAD-TYPE I
3+511.7	3+539.0	LT	30.7	ROCK ROAD-TYPE I
3+137.3	3+202.9	RT	65.1	ROCK ROAD-TYPE I
3+212.7	3+263.6	RT	54.2	ROCK ROAD-TYPE I
3+273.6	3+281.3	RT	13.3	ROCK ROAD-TYPE I
3+147.7	3+178.6	LT/RT	63.2	ROCK ROAD MEDIAN-TYPE III
3+218.7	3+281.4	LT/RT	126.0	ROCK ROAD MEDIAN-TYPE III
TOTAL			577.8	

ROADWAY EARTHWORK SUMMARY

STATION TO STATION		REMARKS	EXCAVATION COMMON (m^3)	EXCAVATION COMMON V.M.F.	EXCAVATION ROCK (1) (m^2)	EXCAVATION ROCK (1) V.M.F.	COMPACTION IN FILL (TYPE B) (MR-90) (m^3)	COMPACTION IN CUT (TYPE B) (MR-90) (m^3)	EMBANKMENT (2) (TYPE B) (MR-90) (m^3)	COMMON EXCAVATION TO WASTE (3) (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	LT	38.1	ROCK ROAD
3+424.8	3+470.4	LT	61.0	ROCK ROAD
3+281.3	3+326.9	RT	60.6	ROCK ROAD
3+281.4	3+326.1	LT/RT	51.1	ROCK ROAD MEDIAN
49+885.7	49+980.9	RT	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	LT	67.8	2.300m WIDE
3+168.9	3+182.3	LT	31.0	2.300m WIDE
3+205.4	3+234.2	LT	43.3	1.500m WIDE
3+251.3	3+258.8	LT	11.3	1.500m WIDE
3+277.5	3+313.8	LT	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

HWS Consulting Group Inc.
Manhattan Office
3206 Kimball Avenue
Manhattan, KS 66503
(785)539-2202

Designed By	JH	Checked By	JDM
Drawn By	JJH, BJD	Date: 04/04/01	Job No. 55-70-2003