FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
7	KANSAS	87N-0196-01	2001	29	55

DATE	BY	
		REFERENCES NOTED
		REFERENCES CHECKED

CONCRETE PAVEMENT (AE)

STATION	SIDE	200 mm (AE) (REINF.) (sm)	REMARKS
4+858.86	LT	102.18	Drive Entrance
5+050.07	RT	67.20	Drive Entrance
5+051.19	LT	67.65	Drive Entrance
5+066.46	LT	58.97	Drive Entrance
5+080.34	RT	106.95	Drive Entrance
5+154.85	LT	122.34	Drive Entrance
5+155.81	RT	41.23	Drive Entrance
5+246.81	LT	26.84	Drive Entrance
PROJECT TOTAL		593.36	

REINFORCED CONCRETE VALLEY GUTTER

STATION	SIDE	225 mm UNIFORM (AE) (sm)	REMARKS
5+386.00	LT	134.35	Dublin-Valley Gutter
PROJECT TOTAL		134.35	

REINFORCED CRUSH ROCK BASE

STATION	CRUSHED ROCK BASE (150 mm) (sm)		REMARKS
4+762.63 - 4+971.80	501.3		
4+971.80 - 5+025.32	2531.27		
5+025.32 - 5+491.94	3165.88		
PROJECT TOTAL	6,198.45		

REMOVAL OF EXISTING STRUCTURES *
(FOR INFORMATION ONLY)

STATION	OFFSET	DESCRIPTION
5+035.4	11.01 LT	Curb Inlet
5+035.5	1.74 RT	Curb Inlet
5+035.8	10.99 RT	Curb Inlet
5+035.9	11.61 RT	Bus Bench
5+040.7	13.10 LT	Bus Bench
5+106.9	12.85 RT	Bus Bench
5+326.8	8.04 LT	Curb Inlet
5+326.8	8.71 LT	Concrete Flume
5+342.0	8.14 LT	Curb Inlet
5+405.4	7.96 LT	Curb Inlet

* THE LISTING MAY NOT BE COMPLETE. PAYMENT FOR STRUCTURES OR OBSTRUCTIONS NOT LISTED BUT WHOSE REMOVAL IS REQUIRED BY THE CONSTRUCTION, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID ITEM " REMOVAL OF EXISTING STRUCTURES".

CURB & GUTTER, COMBINED (AE)

LOCATION STATION TO STATION	SIDE	TYPE I (m)	TYPE II (m)	MONO CURB (m)	MEDIAN CURB (m)	REMARKS
4+762.63 - 4+847.36	LT	84.74				
4+847.33 - 4+870.33	LT		22.98			Drive Entrance
4+870.33 - 4+971.80	LT	101.47				
4+933.76 - 4+981.15	LT				95.65	Median Curb
4+971.80 - 4+986.47	LT	37.83				
4+971.80 - 4+989.58	RT	29.42				
4+989.58 - 5+010.05	RT/LT				39.88	Median Curb on Central
5+010.05 - 5+040.59	RT	42.06				
5+010.53 - 5+040.78	LT	48.82				
5+016.01 - 5+090.91	RT				151.09	Median Curb
5+040.59 - 5+059.57	RT		18.98			Drive Entrance
5+040.78 - 5+076.54	LT		35.77			Drive Entrance
5+059.57 - 5+070.60	RT	11.03				
5+070.60 - 5+090.07	RT		19.53			Drive Entrance
5+076.54 - 5+142.24	LT	65.70				
5+090.07 - 5+147.71	RT	57.67				
5+142.24 - 5+167.28	LT		25.04			Drive Entrance
5+147.71 - 5+164.93	RT		17.23			Drive Entrance
5+164.93 - 5+182.91	RT			18.00		
5+167.28 - 5+242.01	LT	71.98				
5+242.01 - 5+251.61	LT		9.60			
5+251.61 - 5+371.12	LT	118.45				
5+371.12 - 5+400.46	LT			17.37		Curb Return/Dublin
5+400.46 - 5+482.31	LT	81.89				
5+482.31 - 5+491.94	LT			9.63		
SUB TOTAL		751.06	149.13	45.00	286.62	
TOTAL			1243.93			

SIDEWALK CONSTRUCTION (AE)

LOCATION STATION TO STATION	SIDE	100 mm (sm)	REMARKS
4+977.2 - 4+984.3	LT	8.39	Excludes 1 wheelchair ramp.
4-979.4 - 4+986.8	RT	13.93	Excludes 1 wheelchair ramp.
5+012.6 - 5+045.5	RT	77.02	Excludes 1 wheelchair ramp.
5+013.5 - 5+045.3	LT	91.49	Excludes 1 wheelchair ramp.
5+054.7 - 5+075.8	RT	38.02	
5+056.6 - 5+061.5	LT	10.24	
5+072.1 - 5+146.9	LT	159.05	
5+084.9 - 5+152.2	RT	121.20	
5+159.5 - 5+182.9	RT	41.47	
5+162.5 - 5+239.3	LT	140.81	
5+254.4 - 5+376.3	LT	214.76	Excludes 1 wheelchair ramp.
5+395.5 - 5+401.6	LT	5.74	Excludes 1 wheelchair ramp.
PROJECT TOTAL		922.12	

SURVEY MONUMENT (INSTALL ONLY)

STATION	SIDE	QUANTITY EACH	REMARKS
5+000	--	1	Central & Rock Intersection
PROJECT TOTAL		1	

WATER LINE IMPROVEMENT
(NON-PARTICIPATING) (BID LUMP SUM)

BID ITEM	QUANTITY	UNIT
150 mm DICL SJ PIPE	6	m
200 mm PIPE	4	m
200 mm DICL SJ PIPE	3	m
200 mm DIMJ PLUG	1	EACH
200 mm DIMJ CAP	4	EACH
300 mm PIPE	78	m
300 mm DICL SJ PIPE	5	m
300 mm VALVE ASSEMBLY	2	EACH
REMOVE AND RELOCATE EXISTING FIRE HYDRANT	1	EACH
50 mm BLOWOFF ASSEMBLY	1	EACH
SHORT SERVICE	1	EACH
PAVEMENT REMOVED AND REPLACED (TEMP.)	68	m
PAVEMENT REMOVED AND REPLACED (PERMANENT)	26	m
FLOWABLE FILL	85	m
2 YEAR MAINTENANCE WARRANTY	1	L.J.

EARTHWORK

STATION TO STATION	COMMON EXCAVATION (cm)		COMPACTION (TYPE B) (MR-90) (cm)	ROCK EXCAVATION (cm)	COMMON EXCAVATION (WASTED) (cm)	ROCK EXCAVATION (WASTED) (cm)	REMARKS
4+972.63 - 4+971.80	591.82	0.8	2.85	158.49	588.26	158.49	
4+971.80 - 5+025.32	795.17	0.8	9.90	583.16	782.79	583.16	
5+025.32 - 5+491.94	2463.66	0.8	3.49	442.68	2459.30	442.68	
PROJECT TOTAL	3850.65		16.24	1184.33	3830.35	1184.33	

RECAPITULATION OF ROAD QUANTITIES

BID ITEM	QUANTITY	UNIT
CLEARING AND GRUBBING	LUMP SUM	L.S.
REMOVAL OF EXISTING STRUCTURES	LUMP SUM	L.S.
COMMON EXCAVATION	3,850	cm
COMPACTION OF EARTHWORK (TYPE B)(MR-90)	16.2	cm
ROCK EXCAVATION	1,184	cm
MILLING (50 mm)	2,520	sm
A.C. PAVEMENT 50 mm SURFACE COURSE (BM-1B)(PG 70-28)	3,050	sm
REINFORCED CRUSHED ROCK BASE (150 mm)	6,199	sm
SIDEWALK CONSTRUCTION (100 mm)(AE)	922.1	sm
CONCRETE PAVEMENT (175 mm)(AE)(REINFORCED)	311	sm
CONCRETE UNIT PAVERS (80 mm)	311	sm
CONCRETE UNIT PAVERS (60 mm)	80	sm
CONCRETE PAVEMENT (225 mm)(AE)(REINFORCED)	4,818	sm
CONCRETE PAVEMENT (DRIVES) (200 mm)(AE)(REINFORCED)(MEASURED)	593.4	sm
REINFORCED CONCRETE VALLEY GUTTER (225 mm UNIFORM)(AE)	134.4	sm
A.C. PAVEMENT 200 mm BASE COURSE (BM-2)(PG 64-22)	350.2	sm
A.C. PAVEMENT 175 mm BASE COURSE (BM-2)(PG 64-22)	180.0	sm
A.C. TEMPORARY PAVEMENT	1	L.S.
CURB AND GUTTER, COMBINED (TYPE I)(AE)	751.1	m
CURB AND GUTTER, COMBINED (TYPE II)(AE)	149.1	m
MONO EDGE CURB (AE)	45.00	m
MEDIAN CURB (AE)	286.6	m
375 mm STORM SEWER RCP	14.5	m
450 mm STORM SEWER RCP	8.8	m
750 mm STORM SEWER RCP	5.3	m
INLET (CURB)(TYPE 1)(1.93 m x 1.32 m)	3	EACH
INLET (CURB)(TYPE 1)(3.45 m x 1.32 m)	2	EACH
MANHOLE, SHALLOW TYPE "B"	4	EACH
MANHOLE, SPECIAL SHALLOW TYPE "B"	2	EACH
INLET (CURB)(TYPE II)(1.12 m x 1.03 m)	1	EACH
INLET HOOKUPS	6	EACH
DECORATIVE RETAINING WALL (HEIGHT VARIES 0.2 m TO 1.2 m)	212.8	m
FLOWABLE FILL (SWS)	6	m
WHEELCHAIR RAMP CONSTRUCTION	8	EACH
REMOVAL OF EXISTING STRIPING	1	L.S.
SIGNING	1	L.S.
SURVEY MONUMENT	1	EACH
MOBILIZATION	1	L.S.
TRAFFIC SIGNALIZATION *	1	L.S.
TRAFFIC CONTROL	1	L.S.
TEMPORARY SIGNALIZATION	1	L.S.
MOBILIZATION (DBE)	1	L.S.
TEMPORARY EROSION CONTROL	1	L.S.
PAVEMENT MARKING **	1	L.S.
FIELD OFFICE AND LAB (TYPE A)	1	L.S.
HIGHWAY TRAINEE (SET)	500	HOUR
NON-PARTICIPATING		
SPRINKLER SYSTEM ADJUSTMENTS	1	L.S.
TRANSPORTATION OF SALVAGEABLE MATERIAL	1	L.S.
SWB VAULT ABANDONING	1	EACH
WATER LINE IMPROVEMENTS	1	L.S.
2-YEAR MAINTENANCE WARRANTY	1	L.S.

*FOR TRAFFIC SIGNAL SUMMARY OF QUANTITIES SEE SHEET NO. 31
**FOR PAVEMENT MARKING SUMMARY OF QUANTITIES SEE SHT. NO. 36

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJ. NO. 87N-0196-01 SEDGWICK CO.

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY: ASH	CHECKED BY: ASH	
DRAWN BY: DAG	DATE: APRIL 2001	SHEET 29 OF 55

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