FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	472-83084	2000	21	58

FLOWABLE FILL (LOW STRENGTH)

STATION	SIDE	FLOWABLE FILL (L.F.)	REMARKS
27+44 – 27+69	LT.	24.8	18" RCP
27+69 – 27+62	RT.	19.9	30" RCP
27+69 – 28+28	LT.	50.4	24" RCP
PROJECT TOTAL		95.1	

2" BITUMINOUS SURFACE COURSE

STATION TO STATION	2" BIT. SURFACE COURSE	UNIT
24+97 – 27+31	1,454.0	S.Y.
27+31 – 28+20	698.7	S.Y.
28+20 – 30+11	1,187.5	S.Y.
30+11 – 31+45	834.9	S.Y.
31+45 – 32+91	905.2	S.Y.
32+91 – 33+81	560.7	S.Y.
33+81 – 35+71	1,180.7	S.Y.
35+71 – 37+72	1,254.0	S.Y.
37+72 – 40+41	1,672.2	S.Y.
40+41 – 41+31	561.0	S.Y.
41+31 – 43+78	1,535.3	S.Y.
43+78 – 44+68	563.5	S.Y.
44+68 – 47+13	1,525.5	S.Y.
47+13 – 48+03	700.4	S.Y.
48+03 – 50+04	1,245.2	S.Y.
50+04 – 50+94	705.7	S.Y.
50+94 – 52+93	1,240.1	S.Y.
52+93 – 53+84	706.1	S.Y.
53+84 – 55+83	1,242.3	S.Y.
55+83 – 56+74	709.5	S.Y.
56+74 – 58+32	993.7	S.Y.
PROJECT TOTAL	21,476.2	S.Y.

MILL CONCRETE PAVEMENT SURFACE

STATION TO STATION	MILL PAVEMENT (S.Y.)	REMARKS
24+97.06 – 25+48	260.4	
57+82 – 58+32.07	255.9	
PROJECT TOTAL	516.3	

BITUMINOUS PAVEMENT
(FOR PARKING LOTS)

STATION	SIDE	COMMERCIAL GRADE (6")	UNIT
26+14	RT.	8.0	S.Y.
26+87	RT.	22.7	S.Y.
27+99	RT.	22.7	S.Y.
28+86	LT.	32.0	S.Y.
38+07	LT.	54.8	S.Y.
56+28	RT.	46.6	S.Y.
57+22	RT.	42.4	S.Y.
PROJECT TOTAL		229.2	S.Y.

MONOLITHIC EDGE CURB (6")

STATION TO STATION	LENGTH LIN. FT.	SIDE	REMARKS
30+11 – 31+01	92.7	LT.	CURB RETURNS/MARLBORO
30+55 – 31+45	91.4	RT.	CURB RETURNS/29TH. ST. SO.
32+91 – 33+81	92.7	LT.	CURB RETURNS/FULTZ
35+71 – 36+61	92.7	LT.	CURB RETURNS/29TH. ST. SO.
36+82 – 37+72	89.2	RT.	CURB RETURNS/BARBARA
40+41 – 41+31	86.7	LT.	CURB RETURNS/REGAL
43+78 – 44+68	91.8	LT.	CURB RETURNS/27TH. ST. SO.
43+78 – 44+68	84.6	RT.	CURB RETURNS/27TH. ST. SO.
52+10 – 53+00	92.7	RT.	CURB RETURNS/26TH. ST. SO.
PROJECT TOTAL	814.5		

NOTE: 1½" EDGE CURB (MONOLITHIC) INCLUDED IN AND PAID AS 6" EDGE CURB (MONOLITHIC)

CRUSHED ROCK BASE

STATION TO STATION	CRUSHED ROCK BASE (S.Y.) (4")	GEOGRID REINFORCE-MENT (FOR BASE) (S.Y.)	REMARKS
30+56	177.8	177.8	MARLBORO
31+00	179.3	179.3	29TH. ST. SO.
33+36	178.6	178.6	FULTZ
36+16	179.3	179.3	29TH. ST. SO.
37+27	178.2	178.2	BARBARA
40+86	178.8	178.8	REGAL
44+23	179.7	179.7	27TH. ST. SO.
44+23	178.9	178.9	27TH. ST. SO.
52+55	176.8	176.8	26TH. ST. SO.
PROJECT TOTAL	1,607.4	1,607.4	

8" REINFORCED CONCRETE VALLEY GUTTER

STATION	SIDE	8" REINF. CONCRETE (S.Y.)	REMARKS
30+56	LT.	167.7	MARLBORO
31+00	RT.	169.2	29TH. ST. SO.
33+36	LT.	168.5	FULTZ
36+16	LT.	169.2	29TH. ST. SO.
37+27	RT.	168.1	BARBARA
40+86	LT.	168.7	REGAL
44+23	LT.	169.1	27TH. ST. SO.
44+23	RT.	169.2	27TH. ST. SO.
52+55	RT.	166.7	26TH. ST. SO.
PROJECT TOTAL		1,516.4	

SURVEY MONUMENT BOX (INSTALL ONLY)

STATION	SIDE	QUANTITY EACH	REMARKS
44+22.85	S/L	1	
30+99.49	0.14' RT.	1	
PROJECT TOTAL		2	

COMBINED CURB & GUTTER (AE)

LOCATION STATION TO STATION	SIDE	TYPE I LIN. FT.	REMARKS
24+97 – 27+31	LT.	234.0	
24+97 – 30+55	RT.	557.5	
27+31 – 28+20	LT.	92.0	CURB RETURNS/30TH. ST.
28+20 – 30+11	LT.	190.8	
31+01 – 32+91	LT.	189.8	
31+45 – 36+82	RT.	536.9	
33+81 – 35+71	LT.	189.8	
36+61 – 40+41	LT.	380.0	
37+72 – 43+78	RT.	606.0	
41+31 – 43+78	LT.	246.8	
44+68 – 47+13	LT.	245.2	
44+68 – 52+10	RT.	742.0	
47+13 – 48+03	LT.	92.7	CURB RETURNS/GREENFIELD
48+03 – 50+04	LT.	200.1	
50+04 – 50+94	LT.	92.7	CURB RETURNS/CASADO
50+94 – 52+93	LT.	199.3	
52+93 – 53+84	LT.	92.7	CURB RETURNS/DALLAS
53+00 – 58+46	RT.	546.5	
53+84 – 55+83	LT.	199.7	
55+83 – 56+74	LT.	92.7	CURB RETURNS/CRAWFORD
56+74 – 58+32	LT.	157.8	
49+28 – 49+40	RT.	12.0	30TH. ST. SO.
PROJECT TOTAL		5,897.0	

NOTE: COMBINED CURB & GUTTER (TYPE II) INCLUDED IN AND PAID AS COMBINED CURB & GUTTER (TYPE 1)

8" CONCRETE BASE

STATION	SIDE	8" CONC. BASE (S.Y.)	REMARKS
24+97 – 27+31	LT.	130.0	
24+97 – 58+32	RT.	1,853.1	
27+31 – 28+20	LT.	191.5	30TH. ST. SO.
28+20 – 47+13	LT.	1,052.4	
47+13 – 48+03	LT.	190.9	GREENFIELD
48+03 – 50+04	LT.	111.2	
50+04 – 50+94	LT.	193.1	CASADO
50+94 – 52+93	LT.	110.7	
52+93 – 53+84	LT.	193.3	DALLAS
53+84 – 55+83	LT.	110.9	
55+83 – 56+74	LT.	194.7	CRAWFORD
56+74 – 58+32	LT.	99.3	
PROJECT TOTAL		4,431.1	

EARTHWORK

STA. TO STA.	COMMON EXCAVATION (C.Y.)	V.M.F.	COMPACTION OF EARTHWORK (ASTM D 698) (C.Y.)	LOOSE FILL (C.Y.)	ROCK EXCAVATION (C.Y.)	COMMON EXCAVATION WASTED (C.Y.)	ROCK EXCAVATION WASTED (C.Y.)
24+97 – 58+32	3903.8	0.8	324.3	25.9	1405.1	3472.5	1405.1
TOTAL	3903.8		324.3	25.9	1405.1	3472.5	1405.1

NOTE: ROCK EXCAVATION INCLUDES PAVEMENT (6" & 8"), DRIVES (6"), AND SIDEWALK (4").

RECAPITULATION OF ROAD QUANTITIES

BID ITEM	QUANTITY	UNIT
CONSTRUCTION TRAFFIC CONTROL	LUMP SUM	L.S.
CONSTRUCTION FIELD OFFICE	LUMP SUM	L.S.
PROJECT CONSTRUCTION SIGN	2	EACH
SAW CUT AND REMOVE CONCRETE PAVEMENT/MONO EDGE CURB	3841	S.Y.
REMOVE A.C. SURFACE COURSE	1000	S.Y.
MILL CONCRETE PAVEMENT SURFACE	517	S.Y.
CONCRETE SIDEWALK & DRIVE REMOVAL	3,025	S.Y.
REMOVE 6" BITUMINOUS PARKING PAVEMENT	510	S.Y.
INLETS REMOVED	6	EACH
PIPE REMOVED, 15" DIA.	85	L.F.
EXCAVATION	3904	C.Y.
COMPACTED FILL	325	C.Y.
LOOSE FILL	26	C.Y.
6" PVC PIPE	80	L.F.
18" RCP STORM SEWER	27	L.F.
24" RCP STORM SEWER	49	L.F.
30" RCP STORM SEWER	18	L.F.
CURB INLET (TYPE I)(L=6'4" W=4'4")	1	EACH
CURB INLET (TYPE I)(L=16'4" W=4'4")	1	EACH
CURB INLET (TYPE I)(L=16'4" W=5'4")	1	EACH
FLOWABLE FILL	95	L.F.
CURB CASTING	4	EACH
WATER VALVE BOX ADJUSTMENT	24	EACH
WATER METER BOX ADJUSTMENT	14	EACH
MH ADJ. (INCL. FURNISH & INSTALL NEW FRAME & COVER)	3	EACH
4" REINFORCED CRUSHED ROCK BASE	1,610	S.Y.
8" CONCRETE BASE	4,435	S.Y.
2" BITUMINOUS SURFACE COURSE	21,480	S.Y.
6" CONCRETE PAVEMENT (FOR DRIVES)	90	S.Y.
8" REINF. CONCRETE PAVEMENT (FOR DRIVES)	2,145	S.Y.
8" REINF. CONCRETE VALLEY GUTTER	1,520	S.Y.
COMBINED CURB & GUTTER (TYPE I AND TYPE II)	5,900	L.F.
MONOLITHIC EDGE CURB (6")	815	L.F.
4" SIDEWALK CONSTRUCTION (EXCL. DRIVE ENT. SIDEWALK)	2,140	S.Y.
6" BITUMINOUS PAVEMENT (FOR PARKING LOTS)	230	S.Y.
SCHOOL CROSSING SIGNAL	2	EACH
SURVEY MONUMENT BOX (INSTALL ONLY)	2	EACH
MOBILIZATION	1	L.S.
CLEAN & SEAL EXISTING CONCRETE JOINTS	13,500	L.F.
CONCRETE JOINT REPAIR	1230	S.Y.
SAW CUT AND SEAL A.C. SURFACE COURSE	22,000	L.F.
WHITE TOPPING CONCRETE OVERLAY (BID ALTERNATE)	21,480	S.Y.

*FOR WATER LINE SUMMARY OF QUANTITIES, SEE SH. NO. 12.
*FOR TEMPORARY SEEDING SUMMARY OF QUANTITIES, SEE SH. NO. 22.
*FOR CROSSWALK SIGNAL INSTALLATION QUANTITY, SEE SH. NO. 27.
*FOR PAVEMENT MARKING SUMMARY OF QUANTITIES, SEE SH. NO. 34.
*FOR SIGNING SUMMARY OF QUANTITIES, SEE SH. NO. 38.

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJECT NO. 472-83084 SEDGWICK CO.

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY: DCH	CHECKED BY: DCH
DRAWN BY: WNJ	DATE: MAY 1, 2000 SHEET 21 OF 58

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