

CONCRETE PAVEMENT (AE)				
STA. TO STA.	7" REINF. S.Y.	8" REINF. S.Y.	9" REINF. S.Y.	
21+54 - 26+02		2,471.6		
26+02 - 31+10	54.2			
26+10 - 31+51		3,334.3		
31+51 - 31+57			41.8	
31+57 - 32+51	530.9		364.5	SENECA/DOUGLAS INTERSECTION
31+51 - 32+57			41.9	
32+57 - 45+39		7,523.7		
45+39 - 45+52			90.5	
45+52 - 46+35	493.6		324.1	SENECA/2ND. ST. INTERSECTION
46+35 - 46+38			21.5	
46+38 - 52+72		3896.8		
46+38 - 56+00		368.7		REMOVE & REPLACE
49+34 - 49+37		11.0		TEXAS
50+63 - 50+91		111.5		TEXAS
49+13 - 49+42		166.6		DOUGLAS
50+58 - 50+93		209.3		DOUGLAS
49+42 - 49+52			58.6	DOUGLAS
50+48 - 50+58			58.8	DOUGLAS
49+47 - 49+49			10.7	2ND. ST.
50+51 - 50+63			61.4	2ND. ST.
50+63 - 50+74		54.8		2ND. ST.
TOTAL	1078.7	18,148.3	1073.8	

CONCRETE PAVEMENT (ENTRANCES)				
STATION	OFFSET	6" PLAIN (AE) (S.Y.)	8" REINF. S.Y.	REMARKS
20+75.00	L.T.		34.0	REMOVE & REPLACE
21+12.33	R.T.		26.5	COMM. DRIVE
21+38.60	L.T.	29.5		RES. DRIVE
21+70.18	R.T.		26.7	COMM. DRIVE
21+98.83	L.T.	23.2		RES. DRIVE
22+49.87	L.T.	24.8		RES. DRIVE
29+19.64	R.T.		32.4	COMM. DRIVE
29+35.64	L.T.		23.8	COMM. DRIVE
30+22.55	L.T.		21.0	ALLEY ENTRANCE
30+25.05	R.T.		66.2	COMM. DRIVE
33+81.19	R.T.		33.1	COMM. DRIVE
34+29.10	R.T.		31.8	COMM. DRIVE
34+59.36	L.T.		34.1	COMM. DRIVE
36+27.12	R.T.		37.2	COMM. DRIVE
36+80.33	R.T.		28.7	COMM. DRIVE
37+39.17	R.T.		35.5	COMM. DRIVE
39+23.92	R.T.		32.7	COMM. DRIVE
39+82.28	R.T.		32.7	COMM. DRIVE
41+23.83	L.T.		18.3	COMM. DRIVE
41+35.88	R.T.	19.3		RES. DRIVE
41+89.14	R.T.	19.3		RES. DRIVE
42+77.00	L.T.	19.3		RES. DRIVE
42+81.77	R.T.	29.4		RES. DRIVE
43+36.69	L.T.	28.7		RES. DRIVE
43+43.35	R.T.	19.3		RES. DRIVE
43+92.07	L.T.	19.3		RES. DRIVE
44+30.74	R.T.	19.3		RES. DRIVE
44+81.65	L.T.	19.3		RES. DRIVE
44+92.76	R.T.		22.7	COMM. DRIVE
45+27.96	R.T.		22.3	COMM. DRIVE
46+77.10	R.T.		29.6	COMM. DRIVE
47+40.67	R.T.	19.3		RES. DRIVE
47+71.87	L.T.		37.3	COMM. DRIVE
48+38.76	R.T.	19.3		RES. DRIVE
48+59.02	L.T.	26.3		RES. DRIVE
49+57.14	L.T.	28.7		RES. DRIVE
50+17.65	L.T.	19.3		RES. DRIVE
51+11.41	R.T.		32.6	COMM. DRIVE
51+18.48	L.T.	28.7		RES. DRIVE
51+64.37	L.T.	19.3		RES. DRIVE
52+14.19	L.T.	19.3		RES. DRIVE
53+03.13	L.T.		33.3	COMM. DRIVE
50+70.90	L.T.		45.4	COMM. DRIVE TEXAS
50+58.05	R.T.		34.8	COMM. DRIVE 1ST ST.
TOTAL		450.9	772.7	

REINFORCED CONCRETE VALLEY GUTTER			
STATION	OFFSET	8" REINF. S.Y.	REMARKS
24+85.29	L.T.	208.9	BURTON VALLEY GUTTER
24+85.29	R.T.	208.1	BURTON VALLEY GUTTER
28+39.52	L.T.	209.1	TEXAS VALLEY GUTTER
28+39.52	R.T.	202.0	TEXAS VALLEY GUTTER
35+35.85	R.T.	95.0	PACIFIC VALLEY GUTTER
38+81.97	L.T.	108.2	1ST. STREET VALLEY GUTTER
40+38.96	R.T.	139.0	1ST. STREET VALLEY GUTTER
42+16.79	L.T.	93.0	DREW VALLEY GUTTER
49+98.82	R.T.	131.6	KIOWA VALLEY GUTTER
TOTAL		1394.9	

CONCRETE SIDEWALK				
STA. TO STA.	OFFSET	4" S.F.	8" (SPECIAL) S.F.	REMARKS
21+54 - 25+85	L.T.	1102.7	373.3	EXCLUDES SIDEWALK RAMPS
21+54 - 25+85	R.T.	1381.3	435.6	& DRIVE ENTRANCE SIDEWALK
25+85 - 28+39	L.T.	1719.8	135.7	EXCLUDES SIDEWALK RAMPS
25+85 - 28+39	R.T.	1432.9	210.2	& DRIVE ENTRANCE SIDEWALK
28+39 - 32+04	L.T.	2654.6		EXCLUDES SIDEWALK RAMPS
28+39 - 32+04	R.T.	2102.6		& DRIVE ENTRANCE SIDEWALK
32+04 - 38+82	L.T.	3808.8		EXCLUDES SIDEWALK RAMPS
32+04 - 40+39	R.T.	2436.7	1216.9	& DRIVE ENTRANCE SIDEWALK
38+82 - 45+96	L.T.	1652.0	961.3	EXCLUDES SIDEWALK RAMPS
40+39 - 45+96	R.T.	1495.7	199.2	& DRIVE ENTRANCE SIDEWALK
45+96 - 54+04	L.T.	1596.2	1128.7	EXCLUDES SIDEWALK RAMPS
45+96 - 54+04	R.T.	2328.8	508.0	& DRIVE ENTRANCE SIDEWALK
TOTAL		23712.1	5168.9	

CRUSHED STONE SUBGRADE			
STA. TO STA.	CRUSHED STONE SUBGRADE (5") (S.Y.)	GEOGRID REINFORCEMENT (FOR BASE) (S.Y.)	REMARKS
21+54 - 52+72	23,366.4	23,366.4	SENECA
49+34 - 49+37	13.1	13.1	TEXAS
50+63 - 50+91	141.0	141.0	TEXAS
49+13 - 49+42	192.9	192.9	DOUGLAS
50+58 - 50+93	239.8	239.8	DOUGLAS
50+63 - 50+74	63.5	63.5	2ND ST
TOTAL	24016.7	24016.7	

CURB & GUTTER						
STA. TO STA.	OFFSET	TYPE I (LIN. FT.)	TYPE II (LIN. FT.)	TYPE III (LIN. FT.)	MONO (LIN. FT.)	SPECIAL (LIN. FT.)
20+65 - 20+88	L.T.					22.4
20+65 - 20+88	R.T.					23.1
20+87 - 25+85	L.T.	223.4	123.5	288		
20+87 - 25+85	R.T.	269.3	77.5	288		
25+85.29	L.T.				95.8	
25+85.29	R.T.				95.8	
25+85 - 28+40	L.T.	236.1	20.0	279.3		
25+85 - 28+40	R.T.	261.4	20.0	279.3		
28+39.52	R.T.				75.8	
28+39.52	L.T.				95.8	
28+40 - 32+04	L.T.	278.1	57.0			
28+40 - 32+04	R.T.	245.9	169.2			
32+04 - 45+96	L.T.	1043.7	214.0	688.5		
32+04 - 45+96	R.T.	850.3	530.9	688.5		
38+81.97	L.T.				64.4	
40+38.96	R.T.				67.4	
42+16.79	L.T.				64.4	
45+96 - 54+04	L.T.	518.1	310.0	461.3		
45+96 - 54+04	R.T.	596.3	145.0	461.3		
49+98.82	R.T.				64.4	
TOTAL		4522.6	1667.1	3434.2	623.8	45.5

1 1/2" TEMP. ASPHALT OVERLAY			
STA. TO STA.	PHASE I OVERLAY 1 1/2" (S.Y.)	PHASE III OVERLAY 1 1/2" (S.Y.)	REMARKS
22+06 - 31+50	1,258.7	1,048.9	
35+98 - 45+50	1,269.3	1,057.8	
46+38 - 52+55	822.7	685.6	
TOTAL	3,350.7	2,792.3	

EARTHWORK					
STA. TO STA.	COMMON EXCAVATION (C.Y.)	COMPACTION OF EARTHWORK (ASTM D 698) (C.Y.)	ROCK EXCAVATION (C.Y.)	COMMON EXCAVATION WASTED (C.Y.)	ROCK EXCAVATION WASTED (C.Y.)
21+54 - 52+72	6,297.0	V.M.F. 0.8	610.4	5,534.0	5,113.8
TOTAL	6,297.0		610.4	5,534.0	5,113.8

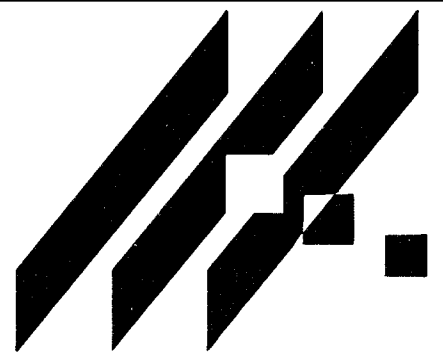
NOTE: ROCK EXCAVATION INCLUDES PAVEMENT (8"), DRIVES (6"), AND SIDEWALK (4").

AGGREGATE SURFACING			
STATION	OFFSET	4" (AB-3) (S.Y.)	REMARKS
21+38.60	L.T.	27	
21+98.83	L.T.	23	
22+49.87	L.T.	36	
46+77.10	R.T.	50	
48+38.76	R.T.	18	
TOTAL		154	

PAVEMENT BEHIND DRIVES					
STATION	OFFSET	CONC. PVMNT (6") (S.Y.)	CONC. PVMNT (8") (S.Y.)	ASPHALT COMM. GRADE 8" S.Y.	REMARKS
29+19.64	R.T.			18	
29+35.64	L.T.		15		
34+29.10	R.T.			14	
37+39.17	R.T.			60	
39+23.92	R.T.			42	
41+23.83	L.T.		14		
44+81.65	L.T.	9			
44+92.76	R.T.			12	
47+40.67	R.T.	13			
47+71.86	L.T.		12	22	
48+59.02	L.T.	17			
49+57.14	L.T.	23			
50+17.65	L.T.	16			
50+70.90	L.T.			18	TEXAS
TOTAL		78	41	186	

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
MOBILIZATION	1	LUMP SUM
CONSTRUCTION TRAFFIC CONTROL & TEMPORARY SIGNALS	1	LUMP SUM
REMOVAL OF EXISTING STRUCTURES	1	LUMP SUM
COMMON EXCAVATION	6,297	C.Y.
COMPACTION OF EARTHWORK (ASTM D 698)	611	C.Y.
ROCK EXCAVATION	5,114	C.Y.
1 1/2" TEMP. AC OVERLAY	6,143	S.Y.
8" A.C. PAVEMENT	186	S.Y.
9" REINF. CONC. PAVEMENT	1,074	S.Y.
8" REINF. CONC. PAVEMENT	18,149	S.Y.
7" REINF. CONC. PAVEMENT	1079	S.Y.
8" CONC. PAVEMENT	41	S.Y.
6" CONC. PAVEMENT	78	S.Y.
5" REINFORCED CRUSHED STONE SUBGRADE	24,946	S.Y.
4" AGGREGATE SURFACING	154	S.Y.
8" REINFORCED CONCRETE VALLEY GUTTER	1,395	S.Y.
6" CONCRETE PAVEMENT (ENTRANCES)	451	S.Y.
8" REINF. CONCRETE PAVEMENT (ENTRANCES)	773	S.Y.
COMB. C&G (TYPE I)	4523	L.F.
COMB. C&G (TYPE II)	1668	L.F.
COMB. C&G (TYPE III)	3435	L.F.
COMB. C&G (SPECIAL)	46	L.F.
MONO. CURB (6 5/8" & 1 1/2")	624	L.F.
4" CONCRETE SIDEWALK	23,712	S.F.
CONCRETE SIDEWALK (SPECIAL)	5,169	S.F.
SIDEWALK RAMPS	26	EACH
PAVING BRICK	9275	S.F.
SURVEY MONUMENT BOX	1	EACH
SITE CLEARING & RESTORATION	1	LUMP SUM
SOIL EROSION (BMP)	1	LUMP SUM
SODDING	1	LUMP SUM
MANHOLE ADJUSTMENT	5	EACH
MANHOLE ADJUSTMENT (SWB)	6	EACH
15" STORM SEWER (RCP)	446	L.F.
18" STORM SEWER (RCP)	366	L.F.
24" STORM SEWER (RCP)	509	L.F.
30" STORM SEWER (RCP)	478	L.F.
36" STORM SEWER (RCP)	1131	L.F.
CURB INLET (TYPE I)(5X3)	1	EACH
CURB INLET (TYPE 2)(L=6'2 1/2" W=3'4 3/8")	23	EACH
DRIVEWAY GRATED INLET (SINGLE)	2	EACH
DRIVEWAY GRATED INLET (DOUBLE)	1	EACH
MANHOLE (TYPE II)(4'-0" DIA.)	1	EACH
MANHOLE (TYPE II)(5'-0" DIA.)	4	EACH
MANHOLE (TYPE II)(6'-0" DIA.)	1	EACH
MANHOLE (TYPE P)(4'-0" DIA.)	1	EACH
MANHOLE (TYPE P)(5'-0" DIA.)	2	EACH
MANHOLE (TYPE P)(6'-0" DIA.)	5	EACH
PIPE PLUG (15")	1	EACH
PIPE PLUG (24")	1	EACH
PIPE PLUG (30")	1	EACH
CURB CASTING	5	EACH
6" PVC PIPE	30	L.F.
FLOWABLE FILL	2,876	L.F.
REPLACE S.S. 8" PIPE	205.2	L.F.
REPLACE S.S. 12" PIPE	50	L.F.
WATER MAIN IMPROVEMENTS *		
PAVEMENT MARKING *	1	LUMP SUM
SIGNING *	1	LUMP SUM
TRAFFIC SIGNAL INSTALLATION (2 INTERSECTIONS) *	1	LUMP SUM
TRAFFIC SIGNAL INSTALLATION (PEDESTRIAN CROSSING) *	1	LUMP SUM
REPLACE DETECTOR LOOPS	4	EACH
TEMP. TRAFFIC SIGNALIZATION	1	LUMP SUM
STREET LIGHTING INSTALLATION *	1	LUMP SUM
TRAFFIC CONTROL	1	LUMP SUM

- * FOR WATER MAIN IMPROVEMENTS SUMMARY OF QUANTITIES SEE SHEET 29.
- * FOR TRAFFIC SIGNAL INSTALLATION (SENECA & DOUGLAS) SUMMARY OF QUANTITIES SEE SHEET 48.
- * FOR TRAFFIC SIGNAL INSTALLATION (SENECA & 2ND. ST.) SUMMARY OF QUANTITIES SEE SHEET 50.
- * FOR TRAFFIC SIGNAL INSTALLATION (PEDESTRIAN CROSSING) SUMMARY OF QUANTITIES SEE SHEET 51.
- * FOR TRAFFIC SIGNAL INSTALLATION (SENECA & MAPLE) SUMMARY OF QUANTITIES SEE SHEET 52.
- * FOR PAVEMENT MARKING SUMMARY OF QUANTITIES SEE SHEET 58.
- * FOR SIGNING SUMMARY OF QUANTITIES SEE SHEET 60.
- * FOR STREET LIGHTING INSTALLATION SUMMARY OF QUANTITIES SEE SHEET 62.



SENECA STREET
PROJECT NAME

SUMMARY OF QUANTITIES
SHEET TITLE

MID-KANSAS ENGINEERING
CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

DCH
DESIGN BY:

WNJ
DRAWN BY:

DCH
CHECKED BY:

OCT. 2001
DATE

98092_Q1
JOB NO.

46, 87
SHEET/OF