STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0243-01	2005	64	169

Federal Aid No. STP N024(301)

Concrete C & G, Comb. Type 1 (6")

STATION TO STATION	SIDE	LENGTH (FT)
35TH ST		
05+60.50 – 05+83.95	Rt.	23.45
05+60.50 – 06+60.50	Lt.	89.00
06+26.58 – 06+60.50	Rt.	33.92
31ST ST		
22+16.52 – 22+17.57	Lt.	1.05
22+16.52 – 22+86.83	Rt.	59.31
22+67.86 – 23+48.86	Lt.	81.0
23+36.67 – 24+39.35	Rt.	91.68
23+98.95 – 25+50.63	Lt.	129.68
24+88.36 – 25+50.18	Rt.	50.82
27+18.13 – 27+40.40	Rt.	22.27
27+19.69 – 27+61.40	Lt.	41.71
27+90.44 – 28+89.09	Rt.	98.65
28+10.48 – 29+64.46	Lt.	153.98
29+39.09 – 29+81.82	Rt.	42.73
30+23.00 – 30+29.91	Lt.	6.91
30+62.33 – 30+81.83	Rt.	19.5
30+79.91 – 30+81.83	Lt.	1.92
	Total	947.58

Crushed Rock Hookup 6"

Street	Location	Dir.	Sq. Yds.
33rd Street	69+72.27	Lt.	60.6
		Total	60.6

Sanitary Sewer (8" PVC)

Location	Lin. Ft.	Remarks
30+21 31St St	54	Remove & Replace
82+22 to 92+95 Seneca	84	Construct
Total	138	

Sand backfill, Jetted & Vibrated

Location	Lin. Ft.	Remarks
Total	1,774	See Sheet 63

Recapitulation of Waterline Quantities (Non–Participating)

Item/Location	QUANTITY	UNIT
8" PIPE		
5+40 – 5+59.17	19.18	LF
5+73.83 – 6+79.91	106.08	LF
Total	125.26	LF
8" DICL PIPE		
35th Street South		
5+59.17 – 5+63.34	5.89	LF
5+63.34 – 5+69.67	6.33	LF
5+69.67 – 5+73.83	5.89	LF
Total	18.11	LF
12" DICL PIPE		
Seneca Street		
70+13.03 – 70+20.57	10.81	LF
70+20.57 – 70+26.95	6.33	LF
70+26.95 – 70+34.59	10.73	LF
79+89.48 – 79+96.86	10.32	LF
79+96.86 – 80+03.19	6.33	LF
80+03.19 – 80+10.40	10.32	LF
81+83.76 – 81+93.40	13.49	LF
81+93.40 – 81+99.73	6.33	LF
81+99.73 – 82+08.70	12.82	LF
31st Street South		
23+95.12 – 24+01.83	9.52	LF
24+01.83 – 24+08.16	6.33	LF
24+08.16 – 24+14.91	9.52	LF
25+35.07 – 25+41.46	9.06	LF
25+41.46 – 25+47.79	6.33	LF
25+47.79 – 25+54.21	9.06	LF
Total	137.30	LF

Concrete C & G, Comb. Type 1 (6")

STATION TO STATION	SIDE	LENGTH (FT)
Seneca St		
55+50.00 – 57+92.91	Rt.	215.91
55+50.00 – 57+64.25	Lt.	187.25
58+91.90 – 59+07.48	Rt.	4.58
58+55.25 – 59+19.94	Lt.	48.69
59+62.94 – 59+66.16	Lt.	3.22
59+68.86 – 59+74.20	Rt.	5.34
60+08.20 – 60+37.34	Rt.	18.14
60+01.16 – 60+77.14	Lt.	64.98
60+68.34 – 61+04.16	Rt.	35.82
61+35.16 – 61+73.53	Rt.	27.37
61+12.14 – 61+87.25	Lt.	64.11
62+09.54 – 62+41.17	Rt.	31.63
62+22.25 – 62+80.51	Lt.	47.26
62+72.17 – 63+17.30	Rt.	34.13
63+15.51 – 63+23.07	Lt.	7.56
63+52.30 – 64+15.89	Rt.	52.59
63+58.07 – 64+16.89	Lt.	47.82
65+35.07 – 65+97.06	Lt.	50.97
65+06.89 – 66+27.32	Rt.	109.43
66+62.32 – 67+13.00	Rt.	50.68
66+63.14 – 67+70.33	Lt.	96.19
67+56.00 – 67+84.26	Rt.	28.26
68+30.77 – 69+03.96	Lt.	62.19
68+34.85 – 68+45.50	Rt.	10.65
68+80.50 – 69+07.28	Rt.	26.78
70+17.13 – 71+36.99	Rt.	108.86
70+17.77 – 71+65.05	Lt.	136.28
72+06.05 – 72+36.70	Rt.	30.65
72+08.05 – 72+44.09	Lt.	25.04
72+79.70 – 73+45.08	Rt.	65.38
73+35.09 – 73+81.17	Lt.	35.08
73+88.08 – 73+97.07	Rt.	8.99
74+16.17 – 74+56.64	Lt.	29.47
74+32.07 – 74+65.35	Rt.	33.28
75+08.35 – 75+15.24	Rt.	6.89
74+99.64 – 75+62.25	Lt.	51.61
75+46.24 – 75+73.59	Rt.	27.35
76+47.48 – 76+92.21	Rt.	44.73
76+92.66 – 77+62.66	Lt.	59.0
77+29.21 – 77+98.12	Rt.	68.91
78+33.12 – 78+36.67	Rt.	3.55
78+67.67 – 79+06.73	Rt.	39.06
78+12.66 – 79+08.20	Lt.	84.54
79+88.19 – 80+28.46	Rt.	29.27
79+58.19 – 80+57.61	Lt.	88.42
80+71.46 – 81+40.83	Rt.	69.37
81+07.78 – 82+10.89	Lt.	92.11
81+90.55 – 82+11.68	Rt.	10.13
83+79.18 – 84+91.66	Lt.	112.48
83+80.39 – 85+27.98	Rt.	120.59
86+44.57 – 86+56.30	Rt.	0.73
85+41.43 – 86+80.57	Lt.	128.14
86+89.87 – 87+24.05	Rt.	34.18
87+63.64 – 87+65.89	Rt.	2.25
88+16.67 – 88+53.73	Rt.	26.06
87+30.83 – 89+13.28	Lt.	161.56
89+63.09 – 90+17.07	Lt.	53.98
90+13.72 – 90+17.08	Rt.	3.36
	Total	3,123.28

Notes:
1. Curb & Gutter pay length deducted at Type I, Type IA and Type 22 Curb Inlets.
2. Curb & Gutter pay length not deducted at Type II Curb Inlets.

Brick Pavers (Concrete), Median

Location	Sq. Ft.
Sta. 81+99.11 to Sta. 82+36.11	148.0
Sta. 83+54.97 to Sta. 84+74.97	480.0
Sta. 25+15.25 to Sta. 25+75.25	240.0
Sta. 26+94.29 to Sta. 27+65.42	284.5
Total	1,152.5

Removal of Existing Structures

℄	Station	Offset	Description
Seneca	54+10	Rt.	✳ School Zone Flasher Beacon
Seneca	55+55	Lt.	✳ Pedestrian Signal and Controller
Seneca	55+60	Rt.	✳ Pedestrian Signal
Seneca	56+94	Lt.	✳ School Zone Flasher Beacon
Seneca	57+75 – 58+45	Lt.	70'x18" RCP
Seneca	58+47	Lt.	SWS Inlet
Seneca	58+49 – 58+52	Lt.	3'x18" RCP
Seneca	58+51 – 58+54	Lt.	30'x18" RCP
Seneca	58+55	Lt.	SWS Inlet
Seneca	69+80 – 70+02	Rt.	26'x18" RCP
Seneca	70+05	Rt.	SWS Inlet
Seneca	70+06	Lt./Rt.	48'x18" RCP
Seneca	70+07	Lt.	SWS Inlet
Seneca	70+10 – 70+15	Lt.	5'x18" RCP
Seneca	70+17	Lt.	SWS Inlet
Seneca	77+19	Lt.	SWS Inlet
Seneca	77+22 – 77+24	Lt.	2'x18" RCP
Seneca	77+27	Lt.	SWS Inlet
Seneca	77+27 – 77+30	Lt.	32'x18" RCP
Seneca	77+31	Rt.	17'x18" RCP
Seneca	77+31	Rt.	SWS Inlet
Seneca	77+34 – 77+37	Rt.	3'x18" RCP & SWS Inlet
Seneca	82+39	Rt.	Signal MH
Seneca	82+31	Lt.	✳Signal Pole, Mast Arm & Signals
Seneca	82+43	Lt.	✳Pedestrian Signal Pole & Signals
Seneca	82+44	Rt.	✳Pedestrian Signal Pole & Signals
Seneca	82+56	Rt.	✳Signal Pole, Mast Arm & Signals
Seneca	83+36	Lt.	✳Signal Pole, Mast Arm & Signals
Seneca	83+41	Rt.	✳Pedestrian Signal Pole & Signals
Seneca	83+56	Lt.	✳Pedestrian Signal Pole & Signals
Seneca	83+55	Rt.	✳Signal Pole, Mast Arm & Signals
Seneca	83+76	Lt.	✳Signal Controller Box
Seneca	82+60	Lt.	Signal MH
Seneca	83+53 – 83+76	Rt.	23' of 18" SWS
Seneca	83+53 – 83+76	Lt./Rt.	48'x18" RCP
Seneca	83+79	Lt.	SWS Inlet
Seneca	83+79	Rt.	SWS Inlet
Seneca	83+82 – 83+84	Rt.	2'x18" RCP
Seneca	83+82 – 83+84	Lt.	2'x18" RCP
Seneca	83+87	Lt.	SWS Inlet
Seneca	83+87	Rt.	SWS Inlet

✳ Salvage and Deliver to 1801 S. Mclean, Wichita, KS

A.C. Pavement 5" (3" Bit Base) / Reinf. C.R.B.

Street	Location	Sq. Yds.	Sq. Yds.
35th Street	58+09.75	14.4	14.4
35th Street	58+42.41	14.4	14.4
34th Street	64+62.39	14.5	14.5
Patterson Ave	72+89.59	14.1	14.1
33rd Street	69+71.63	14.6	14.6
32nd Street	76+47.16	14.5	14.5
Walnut Street	30+17.97	14.5	14.5
	Total	101.0	101.0

Pavement Removal

Street	Location	Sq. Yd.
Seneca	55+50.00 – 60+00.00	2,584.9
Seneca	60+00.00 – 65+00.00	2,726.0
Seneca	65+50.00 – 70+00.00	2,728.3
Seneca	70+00.00 – 75+00.00	2,731.2
Seneca	75+00.00 – 82+00.00	4,416.1
Seneca	82+00.00 – 84+00.00	2,252.1
Seneca	84+00.00 – 90+17.08	4,316.6
31st	22+16.52 – 25+52.00	2,353.7
31st	27+12.50 – 30+81.83	2,595.3
35th	Left of Seneca	153.2
35th	Right of Seneca	480.5
34th	Left of Seneca	150.1
34th	Right of Seneca	137.7
33rd	Left of Seneca	61.9
33rd	Right of Seneca	149.7
Patterson	Left of Seneca	154.8
32nd	Right of Seneca	151.3
Diane	Right of Seneca	92.5
30th	Right of Seneca	88.6
Walnut	Right of Seneca	138.2
	Total	28,462.7

Concrete C & G, Type 3 (8")

Station to Station	Lin. Ft.
Seneca Street	
81+93.11 to 82+42.11	98.0
83+48.97 to 84+80.97	264.0
31st Street	
25+09.25 to 25+81.25	144.0
26+88.29 to 27+71.42	166.3
Total	672.3

Sidewalk Construction 6"

Location	Dir.	Sq. Ft.
Seneca		
81+60.0	Lt.	253.8
84+87.0	Rt.	82.4
31st St		
27+52.0	Lt.	81.3
	Total	417.5

Remove and Reconstruct Existing Structures

Location	Dir.	Remarks
Seneca		
81+60.0	Lt.	Bus Shelter
84+87.0	Rt.	Bus Bench
31st St		
27+52.0	Lt.	Bus Bench

Concrete Pavement (VG) / 8" (Reinf)

Street	Location	Dir.	Sq. Yds.
35th Street	58+09.75	Lt.	171.5
35th Street	58+42.41	Rt.	200.4
Patterson Ave	72+89.59	Lt.	171.5
33rd Street	69+71.63	Rt.	168.9
33rd Street	69+72.27	Lt.	171.5
32nd Street	76+47.16	Lt.	170.9
Diane Street	86+11.08	Rt.	106.7
30th Street	89+33.55	Rt.	106.2
Walnut Street	30+17.97	Rt.	150.6
	Total		1,415.2

Crushed Rock Base 7", Reinforced

Street	Location	Dir.	Sq. Yds.
35th Street	58+09.75	Lt.	197.7
35th Street	58+42.41	Rt.	227.0
Patterson Ave	72+89.59	Lt.	196.8
33rd Street	69+71.63	Rt.	194.9
33rd Street	69+72.27	Lt.	237.9
32nd Street	76+47.16	Lt.	197.3
Diane Street	86+11.08	Rt.	114.0
30th Street	89+33.55	Rt.	113.2
Walnut Street	30+17.97	Rt.	176.2
		Total	1,655.0

Sidewalk Removal

Location	Dir.	Sq. Yds.
55+50 – 58+27 Seneca St	Rt.	160
55+50 – 56+48 Seneca St	Lt.	56
58+58 – 64+46 Seneca St	Rt.	265
64+77 – 69+56 Seneca St	Rt.	186
69+88 – 82+59 Seneca St	Rt.	411
73+04 – 74+53 Seneca St	Lt.	64
76+62 – 82+45 Seneca St	Lt.	226
83+37 – 85+95 Seneca St	Rt.	106
83+37 – 89+58 Seneca St	Lt.	251
86+27 – 89+18 Seneca St	Rt.	86
89+50 – 90+19 Seneca St	Rt.	21
22+21 – 25+74 31St St	Lt.	123
22+91 – 25+94 31St St	Rt.	111
26+86 – 30+01 31St St	Rt.	117
26+88 – 30+25 31St St	Lt.	117
5+50 – 6+46 35th St	Lt.	43
	Total	2,343

Service Connection Replaced

Station	Offset	Elevation
59+45.6	41.0' Rt.	93.30
67+67.6	31.3' Rt.	94.28
68+25.0	34.6' Rt.	94.30
68+39.6	39.1' Lt.	94.57
69+96.3	33.5' Rt.	94.54
69+97.6	29.1' Lt.	93.90
73+39.0	43.5' Lt.	94.75
74+07.8	32.3' Lt.	94.87
74+71.4	33.1' Lt.	94.68
77+33.9	34.0' Rt.	95.85
28+00.3	48.8' Lt.	95.80
28+04.8	40.5' Lt.	95.60
	Total	12

Brick Pavers (Concrete), Crosswalk

Location	Sq. Ft.
Intersection of Seneca and 31st ST	3,835.4
Intersection of Seneca and 34th ST	1,568.8
Total	5,404.2

A.C. Pavement 6" (4" Bit Base)

Street	Location	Sq. Yds.
35th Street	5+60.50 – 6+60.50	355.5
	Total	355.5

Entrance Removal

Location	Dir.	Sq. Yds.
6+05 35th Street	Rt.	43
56+58 Seneca Street	Lt.	56
57+10 Seneca Street	Rt.	16
59+22 Seneca Street	Rt.	54
59+41 Seneca Street	Lt.	65
59+83 Seneca Street	Lt.	47
59+91 Seneca Street	Rt.	58
60+52 Seneca Street	Rt.	49
60+94 Seneca Street	Lt.	49
61+19 Seneca Street	Rt.	38
61+92 Seneca Street	Rt.	51
62+04 Seneca Street	Lt.	44
62+56 Seneca Street	Rt.	39
62+98 Seneca Street	Lt.	45
63+34 Seneca Street	Rt.	50
63+40 Seneca Street	Lt.	51
65+13 Seneca Street	Lt.	44
66+18 Seneca Street	Lt.	65
66+44 Seneca Street	Rt.	54
66+47 Seneca Street	Lt.	12
67+34 Seneca Street	Rt.	56
67+90 Seneca Street	Lt.	12
68+01 Seneca Street	Rt.	48
68+19 Seneca Street	Rt.	40
68+63 Seneca Street	Rt.	50
69+22 Seneca Street	Rt.	33
70+54 Seneca Street	Rt.	76
71+58 Seneca Street	Rt.	94
71+86 Seneca Street	Lt.	76
71+90 Seneca Street	Rt.	42
72+58 Seneca Street	Rt.	81
73+66 Seneca Street	Rt.	131
73+98 Seneca Street	Lt.	38
74+14 Seneca Street	Rt.	61
74+78 Seneca Street	Lt.	11
74+86 Seneca Street	Rt.	128
75+30 Seneca Street	Rt.	48
75+83 Seneca Street	Lt.	73
75+95 Seneca Street	Rt.	82
76+31 Seneca Street	Rt.	49
77+10 Seneca Street	Rt.	64
77+87 Seneca Street	Lt.	82
78+15 Seneca Street	Rt.	63
78+52 Seneca Street	Rt.	47
79+27 Seneca Street	Rt.	85
79+32 Seneca Street	Lt.	70
79+66 Seneca Street	Rt.	47
80+49 Seneca Street	Rt.	70
80+82 Seneca Street	Lt.	68
81+65 Seneca Street	Rt.	89
85+16 Seneca Street	Lt.	69
85+55 Seneca Street	Rt.	84
86+72 Seneca Street	Rt.	40
87+05 Seneca Street	Lt.	69
87+43 Seneca Street	Rt.	47
87+91 Seneca Street	Rt.	69
88+78 Seneca Street	Rt.	65
89+38 Seneca Street	Lt.	69
89+89 Seneca Street	Rt.	65
22+42 31st Street	Lt.	67
23+11 31st Street	Rt.	68
23+73 31st Street	Lt.	67
24+63 31st Street	Rt.	72
27+65 31st Street	Rt.	72
27+85 31st Street	Lt.	68
29+14 31st Street	Rt.	73
29+93 31st Street	Lt.	90
	Total	3,998

No.	Date	By	Approved	Revision

SENECA STREET
I–235 TO 31ST STREET

CITY OF WICHITA, KANSAS
SUMMARY OF QUANTITIES

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ▯ Wichita, KS 67208-4242
Phone 316/685-4114 ▯ FAX 316/685-4444

FINAL

Engineer: P. FERGUSON
Designer: J. UNRUH
KDOT Job No.: 87 N–0243–01 Poe Job No.: 1794
Date: JANUARY 2010

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