



**BROADWAY BRIDGE AT 34TH STREET SOUTH**

**SUMMARY OF QUANTITIES**  
SHEET TITLE  
472-84830  
PROJECT NUMBER

DESIGN BY: **JRA**  
DRAWN BY: **TBK**  
CHECKED BY: **JAG**

ISSUED: **October 9, 2012**  
REVISED:

DRIVEWAY PAVEMENT					
STATION	SIDE	CONCRETE DRIVEWAY 8" (SQ.FT.)	P (FT.)	L (FT.)	WIDTH (FT.)
<b>BROADWAY ST.</b>					
35+42.54	Rt.	430.25	23.08	23.08	14.00
35+72.80	Lt.	1712.30	53.48	53.48	30.00
36+66.95	Lt.	1608.39	50.02	50.02	30.00
36+81.07	Rt.	774.98	22.56	22.56	30.00
37+44.93	Lt.	879.62	57.08	57.08	14.00
38+17.52	Rt.	1807.24	17.40	50.41	25.00
38+46.18	Lt.	2178.58	70.20	70.20	30.00
59+86.71	Lt.	1213.98	33.44	62.73	18.00
61+20.81	Lt.	392.90	45.31	25.68	12.00
61+93.68	Rt.	730.53	35.95	35.95	18.00
62+70.64	Rt.	288.91	34.39	13.56	16.00
62+89.30	Lt.	549.90	45.97	26.50	18.00
63+30.64	Rt.	253.16	33.06	12.29	16.00
64+06.82	Rt.	305.78	30.37	11.00	24.00
<b>TOPEKA ST.</b>					
21+59.96		1486.35			
TOTAL		14,612.87			

P = Distance from Back-of-curb to Right-of-way Line  
L = Distance from Back-of-curb to Limit of Driveway Paving

DRIVEWAY ITEMS ON PRIVATE PROPERTY				
STATION	SIDE	CONCRETE DRIVEWAYS 8" (SQ. FT.)	CONCRETE C&G TYPE 1 (L.F.)	
<b>BROADWAY ST.</b>				
38+17.52	Rt.	1296.09	73.54	
TOTAL		1296.09	73.54	

REINFORCED CONCRETE VALLEY GUTTER					
STATION	SIDE	CONC. PAVMT. (VG) 8" (REINF.) (SQ.YD.)	ASPHALT HOOKUP (SQ.YD.)	AGGREGATE ☆ (SQ.YD.)	REMARKS
<b>BROADWAY SIDEROADS:</b>					
39+28.08	Rt.	156.56			37TH ST.
63+72.09	Lt.	128.86	16.83		PATTERSON
<b>TOPEKA SIDEROADS:</b>					
13+63.67	Rt.	98.28		20.00	37TH ST.
21+21.34	Rt.	109.89		20.00	GALENA
TOTAL		493.59	16.83	40.00	

☆ 40.0 Additional S.Y. of Aggregate Hook-up is anticipated along the driveways on Topeka St.

CONCRETE CURB AND GUTTER				
STATION TO STATION	SIDE	TYPE 1	TYPE 2	
<b>BROADWAY ST.</b>				
34+93.90 to 47+23.63	Lt.	1,223.25		
34+93.90 to 38+83.24	Rt.	383.82		
39+73.15 to 47+23.63	Rt.	764.78		
52+76.37 to 64+81.64	Rt.	1,198.59		
52+76.37 to 63+32.47	Lt.	1,062.84		
64+10.92 to 64+81.64	Lt.	70.73		
<b>TOPEKA ST. / 37TH ST.</b>				
11+27.15 to 13+47.58	Rt.		236.18	
11+27.15 to 21+59.96	Lt.	1,009.77		
13+99.74 to 20+82.72	Rt.		685.85	
21+50.72 to 21+59.96	Rt.		9.39	
TOTAL		5,713.78		931.42

A.C. PAVEMENT				
LOCATION	A.C. Pmnt. 7" (5" bit. base) (SQ.YD.)	A.C. Pmnt. 6" (4" bit. base) (SQ.YD.)	REMARKS	
<b>BROADWAY ST.</b>				
34+93.90 to 47+23.63	6,559.06			
52+76.37 to 64+81.64	6,557.89			
<b>TOPEKA ST. / 37TH ST.</b>				
11+27.15 to 21+59.96		2,295.14		
<b>SHOOFLY</b>				
11+03.09 to 18+58.98	1,750.33			
TOTAL		14,867.28	2,295.14	

SIDEWALK CONSTRUCTION				
STATION TO STATION	SIDE	4" (SQ. FT.)	SIDEWALK THICKENING (L.F.)	WHEELCHAIR RAMP (EACH)
<b>BROADWAY ST.</b>				
34+93.90 to 35+26.47	Rt.	195.51	32.65	
34+93.90 to 35+48.80	Lt.	329.42	50.90	
35+58.51 to 36+56.70	Rt.	619.12	98.19	
35+96.80 to 36+42.95	Lt.	276.92	46.15	
36+90.13 to 37+38.15	Lt.	309.88		
37+05.70 to 38+04.81	Rt.	588.78	55.40	
37+51.68 to 38+31.71	Lt.	497.75		
38+30.23 to 38+98.89	Rt.	396.85		1
38+60.66 to 47+57.28	Lt.	5,282.67		
39+57.47 to 47+63.44	Rt.	5,068.80		1
52+36.56 to 59+77.37	Lt.	4,651.38		
52+42.72 to 61+84.68	Rt.	5,595.09		
59+96.05 to 61+14.58	Lt.	685.35		
61+27.04 to 62+80.30	Lt.	916.02		
62+02.68 to 62+62.64	Rt.	359.72		
62+78.64 to 63+22.64	Rt.	263.99		
62+98.30 to 63+43.91	Lt.	273.65		1
63+38.64 to 63+94.82	Rt.	337.08		
63+98.82 to 64+81.64	Lt.	488.94		1
64+18.82 to 64+81.64	Rt.	368.53		
TOTAL		27,505.45	283.29	4

TREE ROW REMOVAL (EXCLUDES MASS TREE REMOVAL)			
STATION TO STATION	OFFSET	LENGTH (L.F.)	
<b>BROADWAY ST.</b>			
40+10.48 - 40+89.32	13.9' - 205.9' RT.	207	
41+56.20 - 42+46.38	145.7' - 138.4' RT.	157	
43+77.64 - 43+78.61	83.8' - 132.4' RT.	49	
47+19.59 - 48+04.49	226.1' - 260.6' RT.	148	
46+83.70 - 46+65.78	500.0' - 655.2' RT.	155	
TOTAL		716	

PAVEMENT REMOVAL				
STATION TO STATION	PAVEMENT REMOVED * (SQ.YD.)	SIDEWALK REMOVED ≠ (SQ.YD.)	REMARKS	
<b>BROADWAY ST.</b>				
35+00.34 to 37+18.38		1,109.08		Lt. Side
37+85.22 to 41+22.50		1,547.95		Rt. Side
43+09.81 to 43+26.01		18.68		Rt. Side
47+85.92 to 48+05.10		25.41		Rt. Side
52+79.95 to 64+81.64		685.56		Rt. Side
54+26.40 to 64+81.64		215.71		Lt. Side
34+93.87 to 44+82.90	4,652.66			
52+80.38 to 64+81.89	5,724.62			
<b>TOPEKA ST.</b>				
13+02.64 to 13+13.00		7.65		Lt. Side
13+97.45 to 14+64.18		123.86		Lt. Side
<b>SHOOFLY</b>				
11+03.09 to 18+58.98	1,750.33			
TOTAL		12,127.61	3,733.90	

≠ Items included in this column include Sidewalk Removal, Paved Driveway Removal, and Parking Lot Removal  
\* Includes Curb & Gutter removal and Existing Bridge Approach Slabs.

TREE REMOVAL (EXCLUDES MASS TREE REMOVAL)													
STATION	OFFSET	LARGE	SMALL	STATION	OFFSET	LARGE	SMALL	STATION	OFFSET	LARGE	SMALL		
<b>BROADWAY</b>													
39+40.74	44.12' Rt.	x		45+31.45	22.55' Rt.	x		56+23.86	126.75' Lt.			x	
39+51.42	30.05' Rt.		x	45+44.21	64.78' Lt.	x		56+34.53	62.75' Lt.			x	
39+52.03	34.84' Rt.		x	45+60.93	3.01' Rt.	x		56+44.73	52.96' Lt.			x	
39+76.89	38.83' Rt.	x		46+04.22	100.40' Lt.	x		56+48.90	62.27' Lt.			x	
39+77.68	46.11' Rt.	x		46+16.44	47.78' Lt.	x		56+49.75	84.03' Lt.			x	
39+79.92	43.39' Rt.	x		46+95.03	99.26' Lt.	x		56+54.90	55.41' Lt.			x	
39+80.40	52.26' Rt.	x		47+01.74	56.08' Lt.	x		56+56.95	77.97' Lt.			x	
39+81.27	30.47' Rt.	x		47+19.05	88.50' Lt.	x		56+58.41	65.21' Lt.			x	
39+82.72	59.33' Rt.	x		47+30.89	89.39' Lt.	x		56+61.93	189.36' Lt.			x	
39+86.76	68.76' Rt.	x		47+32.04	28.27' Rt.	x		56+67.49	192.48' Lt.			x	
39+92.57	86.21' Rt.	x		47+53.46	55.96' Lt.	x		56+77.50	91.81' Lt.			x	
39+98.41	101.24' Rt.	x		47+58.56	84.48' Lt.	x		56+90.20	93.62' Lt.			x	
40+08.82	124.04' Rt.	x		47+81.42	13.15' Rt.	x		57+09.25	150.77' Lt.			x	
40+40.69	18.38' Lt.	x		47+94.00	77.04' Rt.	x		57+30.15	144.39' Lt.			x	
40+59.50	29.11' Rt.	x		47+97.96	199.48' Rt.	x		59+02.38	62.45' Lt.			x	
40+70.98	6.60' Rt.	x		48+13.25	226.18' Rt.	x		61+73.45	37.98' Lt.			x	
40+83.08	27.67' Lt.	x		48+26.22	284.77' Lt.	x		<b>TOPEKA ST. / 37TH ST.</b>					
41+01.99	30.50' Lt.	x		48+35.11	57.56' Rt.	x		12+44.33	25.98' Lt.			x	
41+22.01	32.79' Rt.	x		48+41.92	111.53' Rt.	x		12+91.36	12.14' Lt.			x	
41+23.81	83.96' Rt.	x		48+60.86	108.01' Rt.	x		12+93.37	25.93' Lt.			x	
41+50.62	43.62' Lt.	x		48+65.65	283.43' Lt.	x		14+40.03	14.08' Lt.			x	
41+58.90	36.79' Lt.	x		48+73.26	78.64' Rt.	x		14+80.04	62.60' Lt.			x	
41+99.75	1.75' Rt.	x		48+81.86	275.56' Lt.	x		14+83.10	18.62' Lt.			x	
42+38.92	58.36' Rt.	x		48+82.84	153.43' Lt.	x		15+08.75	17.99' Lt.			x	
42+42.48	75.47' Rt.	x		48+89.58	152.03' Lt.	x		15+31.15	74.57' Lt.			x	
42+44.90	93.97' Rt.		x	50+04.08	113.11' Lt.	x		15+40.70	18.00' Lt.			x	
42+46.08	45.02' Lt.	x		50+05.45	212.37' Lt.	x		15+76.34	65.50' Lt.			x	
42+50.73	26.88' Rt.	x		50+36.23	80.46' Lt.	x		15+79.74	18.63' Lt.			x	
42+64.80	46.69' Lt.	x		50+36.58	73.47' Lt.	x		16+26.73	23.51' Lt.			x	
42+69.36	19.69' Lt.	x		50+75.27	74.48' Lt.	x		16+70.10	17.25' Lt.			x	
42+70.43	21.44' Lt.	x		50+92.90	160.14' Lt.	x		18+89.85	32.77' Lt.			x	
42+71.79	22.50' Lt.	x		51+06.95	63.13' Lt.	x		18+90.19	17.79' Lt.			x	
42+76.03	67.71' Rt.	x		51+73.60	207.23' Lt.	x		18+97.43	53.10' Lt.			x	
42+82.48	93.47' Rt.	x		51+81.84	206.27' Lt.	x		18+98.12	78.18' Lt.			x	
42+83.87	24.32' Rt.	x		52+26.23	18.00' Lt.	x		19+37.71	25.64' Lt.			x	
42+89.02	20.05' Lt.	x		52+63.24	247.58' Lt.	x		19+58.59	23.03' Lt.			x	
43+01.93	94.58' Rt.		x	51+83.70	268.93' Rt.	x		19+87.74	51.56' Lt.			x	
43+06.16	23.12' Lt.	x		51+94.99	316.44' Rt.	x		20+01.57</					