

TREE REMOVED, SMALL

STATION	OFFSET	SIDE
22+11.37	50.62'	Lt.
22+76.50	53.78'	Lt.
24+28.90	50.02'	Lt.
24+39.22	51.32'	Lt.
24+51.11	51.39'	Lt.
24+63.41	48.40'	Lt.
25+00.40	50.92'	Lt.
25+07.13	49.64'	Lt.
25+48.09	49.58'	Lt.
25+56.89	52.54'	Lt.
25+82.44	51.17'	Lt.
25+93.27	50.49'	Lt.
26+01.64	47.78'	Lt.
27+20.09	50.65'	Lt.
27+33.28	49.83'	Lt.
27+78.19	51.49'	Lt.
27+80.63	56.08'	Lt.
28+00.24	54.28'	Lt.
28+20.86	47.97'	Lt.
28+23.28	50.16'	Lt.
28+31.34	57.90'	Lt.
28+32.42	61.79'	Lt.
28+34.56	60.87'	Lt.
28+36.10	53.14'	Lt.
28+38.36	53.35'	Lt.
28+74.29	52.84'	Lt.
28+95.40	58.92'	Lt.
28+95.48	58.05'	Lt.
29+03.16	58.99'	Lt.
29+09.75	60.38'	Lt.
29+57.58	50.65'	Lt.
31+80.32	55.85'	Rt.
32+39.97	38.45'	Rt.
32+47.34	50.71'	Lt.
32+60.70	43.60'	Rt.
32+65.31	49.30'	Lt.
33+10.88	39.37'	Rt.
33+41.05	42.59'	Rt.
33+43.57	44.99'	Rt.
33+72.81	37.84'	Rt.
33+82.48	49.66'	Lt.
33+92.23	42.83'	Rt.
34+83.63	49.57'	Lt.
34+94.65	44.09'	Rt.
35+40.82	46.34'	Rt.
35+96.10	52.78'	Lt.
36+10.59	49.94'	Lt.
36+22.85	51.71'	Lt.
36+87.98	52.42'	Lt.
37+65.09	49.17'	Lt.
37+72.96	48.41'	Lt.
37+75.41	48.28'	Lt.
40+26.14	50.62'	Lt.
41+07.67	45.37'	Rt.
41+69.21	51.98'	Lt.
41+80.89	53.21'	Lt.
46+86.78	44.42'	Lt.
51+17.97	60.44'	Rt.
54+57.33	49.13'	Lt.
TOTALS (EA.)		59

\* MAILBOX, REMOVED & RESET

STATION	OFFSET	SIDE
56+52.71	41.25'	Rt.
56+52.71	41.25'	Rt.
TOTALS (EA.)		2

\*Mailboxes shall be set by each other like existing conditions

TREE ROW REMOVED

STATION +o STATION	SIDE	L.F.
14+71.19	15+46.36	Rt. 75.2
15+77.69	16+84.28	Rt. 106.6
TOTALS (L.F.)		181.8

REMOVAL OF EXISTING STRUCTURES

(FOR INFORMATION ONLY)

STATION	LOCATION	DESCRIPTION
14+72.99	Rt.	33.4 L.F. 18" RCP w/ 1 End Section
15+60.28	Rt.	33.1 L.F. 18" RCP w/ 2 End Sections
17+15.71	CL	52.3 L.F. 12" CMP w/ 1 End Section
17+27.41	Rt.	Traffic Signal Junction Box
17+36.82	Lt.	Traffic Signal and Concrete Base
17+48.98	Rt.	Traffic Signal and Concrete Base
17+51.75	Rt.	Brick Retaining Wall
17+53.42	Lt.	Traffic Signal Junction Box
17+60.20	Rt.	19.5 L.F. 15" CMP w/ 1 End Section
18+07.18	Rt.	Area Inlet & 2.0 L.F. 15" CMP
18+64.55	Rt.	Traffic Signal Junction Box
18+72.85	Lt.	Traffic Signal and Concrete Base
18+79.47	Lt.	10.0 L.F. 3.0 Sq. Ft. RCPHE
18+80.75	Rt.	6.0 L.F. 3.0 Sq. Ft. RCPHE
18+95.21	Rt.	Traffic Signal Controller
19+02.80	Rt.	Traffic Signal and Concrete Base
20+76.30	Rt.	Area Inlet, 131.1 L.F. 15" RCP w/ End Section (S), 218.0 L.F. 15" RCP (N)
22+94.26	Rt.	Concrete headwall, wings, and steel bars
28+16.42	Rt.	39.8 L.F. 5.0 Sq. Ft. RCPHE w/ 2 End Sections
28+86.50	CL	52.1 L.F. 5.0 Sq. Ft. RCPHE w/ 2 End Sections
28+92.15	CL	52.4 L.F. 5.0 Sq. Ft. RCPHE w/ 2 End Sections
32+03.40	Rt.	30.5 L.F. 2" CMP w/ 2 End Sections
41+55.26	Rt.	42.3 L.F. 18" CMP w/ 2 End Sections
49+99.13	Lt.	84.0 L.F. 30" RCP w/ 2 End Sections
50+03.38	Rt.	69.6 L.F. 2" RCP w/ 2 End Sections
54+20.21	Lt.	2-68.1 L.F. 30" RCP w/ End Sections
56+71.82	Rt.	43.0 L.F. 2" CMP w/ 2 End Sections
58+52.53	Lt.	Curb Inlet
Project Wide		Lightpole and lightpole bases within the construction limits
Project Wide		Signs and sign footings

HEDGEROW REMOVED

STATION +o STATION	SIDE	L.F.
24+92.32	27+22.95	Rt. 230.7
26+60.98	27+00.48	Lt. 39.1
31+11.35	31+61.99	Lt. 50.8
38+14.80	38+55.38	Lt. 40.1
TOTALS (L.F.)		360.7

TREE REMOVED, LARGE

STATION	OFFSET	SIDE
28+89.31	57.25'	Lt.
29+72.16	52.61'	Lt.
35+68.45	43.92'	Rt.
37+10.99	42.61'	Rt.
37+42.12	44.27'	Rt.
42+76.33	52.56'	Lt.
43+39.52	54.59'	Lt.
46+27.11	43.90'	Lt.
51+10.71	57.79'	Lt.
TOTALS (EA.)		9

SUMMARY OF REMOVAL

STATION +o STATION	PAVEMENT REMOVED	CONCRETE SIDEWALK REMOVED	CONCRETE C&G
14+03.55	17+60.41	1724.1	
US-54 (Kelllogg Avenue)		9.6	
18+58.75	62+63.54	14958.5	277.7
48+05.69	48+61.07	70.2	
56+62.04	56+92.66	87.4	
TOTALS (S.Y.)	16849.8	277.7	430.8

SUMMARY OF EARTHWORK

STATION +o STATION	COMMON EXCAVATION	EMBANKMENT
14+03.55	17+60.41	953.5
18+58.75	62+63.54	30002.8
TOTALS (C.Y.)	30956.3	4992.4

+ Embankment shall be paid for as "Fill, Loose"  
 Δ Embankment shall be paid for as "Fill, Compacted (95% Density)"

RECAPITULATION OF ROAD QUANTITIES

ITEM	QUANTITY	UNIT
Mobilization	1	LSUM
Traffic Control	1	LSUM
Site Clearing	1	LSUM
Site Restoration	1	LSUM
Hedge Row Removed	361	L.F.
Tree Row Removed	182	L.F.
Tree Removed, Large	9	EA.
Tree Removed, Small	59	EA.
Field Office & Laboratory (Type A)	1	EA.
Pavement Removed	16850	S.Y.
Concrete Sidewalk Removed	278	S.Y.
Concrete C&G Removed	431	L.F.
Removal of Existing Structures	1	LSUM
Fence Removed	2594	L.F.
Concrete Flume Removed	143	L.F.
AC Pavement 5"	635	S.Y.
AC Pavement 6" (4" Bit Base)	397	S.Y.
AC Pavement 7" (5" Bit Base)	24845	S.Y.
Gravel Streets/Drives	10	TON
Concrete Driveway 8" Reinforced	6093	S.F.
Crushed Rock Base 5", Reinforced	796	S.Y.
Crushed Rock Base 6", Reinforced	4001	S.Y.
Crushed Rock Base 7", Reinforced	1551	S.Y.
Crushed Rock Base 8", Reinforced	27644	S.Y.
Crushed Rock Base 9", Reinforced	477	S.Y.
Concrete	1	C.Y.
Reinforcing Steel	176	LB.
Retaining Wall	136	L.F.
Retaining Wall (Block)	73	L.F.
Concrete Pavement (VG) 8" (Reinf)	1001	S.Y.
Concrete Pavement 8" (Reinforced)	36	S.Y.
Concrete Pavement 9" (Reinforced)	3631	S.Y.
Concrete Sidewalk 4"	9540	S.F.
Concrete Sidewalk 4" - Thickened Edge	1951	L.F.
Concrete Sidewalk 5"	34778	S.F.
Concrete Sidewalk 5" - Thickened Edge	815	L.F.
Concrete C & G, Type 1 (6" & 1-1/2")	8475	L.F.
Concrete C & G, Type 2 (6-5/8" & 1-1/2")	81	L.F.
Concrete C & G, Type 3 (8" & 1-1/2")	489	L.F.
Concrete Flume	10	L.F.
Concrete Collar	4	EA.
Brick Pavers	377	S.Y.
Concrete Ramp Nose Section (Median)	2	EA.
Excavation	30956	C.Y.
Fill, Compacted (95% Density)	4650	C.Y.
Fill, Loose	343	C.Y.
Pavement Markings	1	LSUM
BMP, Back of Curb Protection	6064	L.F.
BMP, Curb Inlet Protection	47	EA.
BMP, Drop Inlet Protection	6	EA.
BMP, Silt Fence	2685	L.F.
Pipe, Abandoned in Place	95	L.F.
Pipe, SWS 12"	26	L.F.
Pipe, SWS 15"	46	L.F.
Pipe, SWS 18"	5402	L.F.
Pipe, SWS 24"	75	L.F.
Pipe, SWS, HERCP (14"x23")(18)	375	L.F.
Pipe, SWS, HERCP (19"x30")(24)	946	L.F.
Pipe, SWS, HERCP (22"x34")(27)	505	L.F.
Pipe, SWS, HERCP (24"x38")(30)	40	L.F.
Pipe, SWS, HERCP (27"x42")(33)	146	L.F.
Pipe, SWS, HERCP (29"x45")(36)	345	L.F.
Pipe, End Section 12"	1	EA.
Pipe, End Section 18"	4	EA.
Pipe, End Section 24"	1	EA.
Pipe, End Section (14"x23")(18)	2	EA.
Pipe, End Section (19"x30")(24)	1	EA.
Pipe, End Section (22"x34")(27)	2	EA.
Pipe, End Section (24"x38")(30)	1	EA.
Pipe, End Section (29"x45")(36)	1	EA.
Inlet, Curb (Type 1)(L=5' W=4')	1	EA.

See Sheet 49 for Concrete Collar Quantities  
 See Sheet 50 for Headwall Extension Quantities  
 See Sheet 169 for Water Line Quantities

RECAPITULATION OF ROAD QUANTITIES (CONT.)

ITEM	QUANTITY	UNIT
Inlet, Curb (Type 1)(L=10' W=4')	18	EA.
Inlet, Curb (Type 1)(L=10' W=5')	1	EA.
Inlet, Curb (Type 1)(L=10' W=6')	15	EA.
Inlet, Curb (Type 1)(L=15' W=4')	1	EA.
Inlet, Curb (Type 1A)(L=10' W=4')	11	EA.
Inlet, Drop (Double)	1	EA.
Area Inlet (Backyard Inlet)	5	EA.
MH, Shallow SWS (L=4' W=4')	2	EA.
MH, Shallow SWS (5' Dia.)	1	EA.
MH, Standard SWS (L=4' W=4')	2	EA.
MH, Standard SWS (L=5' W=5.5')	1	EA.
Fill, Sand (Flushed & Vibrated)(Storm Sewer)	6842	L.F.
Wheelchair Ramp w/ Detectable Warnings	20	EA.
Traffic Signalization (143rd & Kellogg)	1	LSUM
Traffic Signalization, Temporary	1	LSUM
Pedestrian Traffic Signalization	1	LSUM
Inlet Underdrain	925	L.F.
MH Adjusted, SS	3	EA.
Inlet Adjusted	2	EA.
Valve Box Adjusted	6	EA.
Connect to Existing Structure	2	EA.
Rip-Rap, Light Stone	241	S.Y.
Ditch Liner	239	S.Y.
Mailbox, Removed and Reset	2	EA.
Seeding	1	LSUM
Sodding	1	LSUM
Signaling	1	LSUM
Sign, Electronic Portable Message	100	DAY
Transportation of Salvaged Material	1	LSUM
AC Pavement 6" (4" Bit Base)(w/ 5" Crushed Rock Base), Temporary Widening	1941	S.Y.
AC Pavement 6", Temporary (Utility Patch)	200	L.F.
AC Pavement 6" Temporary (Phase Shifts)	200	S.Y.
Fence (Temporary Construction)	200	L.F.
Concrete Sidewalk Protection Curb	100	L.F.

† Non-Participating Bid Item

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CONSULTANTS:

143RD STREET IMPROVEMENTS  
 WICHITA, KANSAS



REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: 87 N-0614-01  
 SCALE: N/A  
 DATE: 5/26/2017  
 DESIGNED BY: TAU  
 DRAWN BY: TAU  
 CHECKED BY: MDB

SHEET TITLE:  
**SUMMARY OF QUANTITIES**

SHEET NO.  
**75**  
 SHEET 75 OF 236