

**SUMMARY OF PAVEMENT ITEMS**

LOCATION	Concrete Pavement 9" (NRDJ) (sy)	Concrete Pavement 7" (Reinf.) (sy)	Concrete Pavement (VG) 8" (Reinf.) (sy)	Concrete Curb, Mono Edge (6-5/8" & 1-1/2") (lf)	Concrete Curb & Gutter, Type 4 (6-5/8" & 1-1/2") (lf)	Asphalt Hook-up (sy)	Concrete Driveway 6" (sf)	Concrete Driveway 8" (sf)	Crushed Rock Base 5", Reinforced (sy)	Crushed Rock Base 6", Reinforced (sy)	Crushed Rock Base 7", Reinforced (sy)	Concrete Sidewalk 4" (sf)	Sidewalk Thickening (lf)	Wheelchair Rampw/ Detectable Warnings (ea)
Yale Street		1092.8	34.1	647.70			374.75		1160.6		38.0	63.28		3
17th Street - South Lanes	4235.2			1259.58				1093.82		4375.1		127.91 *	20.00 *	
17th Street - North Lanes	312.3			115.39				562.35		320.7				
17th Street and Harvard Intersection			48.1	38.46							52.2	78.94		4
17th Street and Roosevelt Intersection			49.1	39.52			142.55				53.4	76.34		2
17th Street and Gentry Intersection			46.8	38.24	40.00	60.2					50.8	134.03	20.00	2
17th Street and Bluff Intersection			62.7	47.12		58.2					67.8	15.47		2
<b>Totals</b>	<b>4547.5</b>	<b>1092.8</b>	<b>240.8</b>	<b>2186.01</b>	<b>40.00</b>	<b>118.4</b>	<b>517.30</b>	<b>1656.17</b>	<b>1160.6</b>	<b>4695.8</b>	<b>262.2</b>	<b>495.97</b>	<b>40.00</b>	<b>13</b>

\* WEST OF GENTRY

**SUMMARY OF SANITARY SEWER ITEMS**

LINE NO.	PIPE, SS 8" (LF)	PIPE, SS 15" (LF)	MH, STANDARD SS (4") (EA)	MH, STANDARD SS (4") W/ OUTSIDE DROP (EA)	MH, STANDARD SS (5") W/ OUTSIDE DROP (EA)	PIPE PLUG EXISTING (EA)	PIPE REMOVED (LF)	MANHOLE REMOVED	MANHOLE ABANDONED	CONNECT TO EXIST. MANHOLE	REMARKS
1		2234	5	3	1	6	670	3	3		
2	40					1	31	1			
3	37					2	31	1		1	
4	37					2	31	1			
5	31					2	31	1			
6	38					2	38	1			
<b>TOTAL</b>	<b>183</b>	<b>2234</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>15</b>	<b>832</b>	<b>8</b>	<b>3</b>	<b>1</b>	

**SUMMARY OF WATER ITEMS**

LINE NO.	PIPE, DICL 4" (LF)	PIPE, DICL 6" (LF)	PIPE, DICL 8" (LF)	PIPE, WL 8" (LF)	FIRE HYDRANT ASSEMBLY (EA)	FIRE HYDRANT REMOVAL (EA)	VALVE ASSEMBLY, ANCHORED 8" (EA)	PIPE CAP (EA)	PIPE PLUG (EA)	REMARKS
1		5	68	1197	3	1	6	2	2	
2	3			18				1	1	
3	9			21					1	
4	3			25					1	
5		3		17					1	
<b>TOTAL</b>	<b>15</b>	<b>5</b>	<b>71</b>	<b>1278</b>	<b>3</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>6</b>	

**WATER SERVICE CONNECTION SCHEDULE**

ADDRESS	ACCOUNT #	BASELINE STATION	OFFSET	LINE #	SHORT	LONG	COMMENTS	REMARKS
3601 17TH	42443	65+65	RT	1	1			
3602 17TH	61802	66+32	LT	1		1		
3815 17TH	108959	71+83	RT	1	1			
3818 17TH	54087	73+42	LT	1		1		
1810 ROOSEVELT	11743	74+06	LT	1		1		
3825 17TH	62212	74+16	RT	1	1			
3902 17TH	60830	75+95	LT	1		1		
<b>TOTAL</b>					<b>3</b>	<b>4</b>		

**SUMMARY OF SODDING**

LOCATION	SODDING AREA (SY)	REMARKS
Yale Ave.	228.3	
17th St. - North Lanes	86.9	
17th St. - South Lanes	446.4	
<b>Total</b>	<b>761.5</b>	<b>FOR INFORMATION ONLY</b>

**MH, JOINT WRAP SUMMARY**

MANHOLE	MANHOLE DIAMETER (FT)	JOINT (LF)	NO. OF JOINTS (EA)	TOTAL LENGTH (LF)
1-5	4	15.2	1	15.2
1-6	4	15.2	1	15.2
1-7	4	15.2	1	15.2
1-8	5	18.8	1	18.8
<b>TOTAL</b>			<b>4</b>	<b>64.4</b>

**SIGN, EXISTING, REMOVED AND REPLACED**

STATION	OFFSET	SIGN
17th Street		
64+19.63	39.1' Rt.	Street Name
64+56.53	36.8' Rt.	Stop
67+65.65	29.0' Rt.	Street Name
68+06.51	37.2' Rt.	Stop
69+78.13	26.0' Rt.	No Parking
70+27.85	30.8' Rt.	Street Name
70+71.60	35.7' Rt.	Stop
74+67.08	60.5' Rt.	Street Name
75+13.21	35.9' Rt.	Stop
75+94.62	26.7' Rt.	Speed Limit
77+77.37	25.9' Rt.	No Parking / Bus Stop
78+05.57	28.6' Rt.	Street Name
78+49.29	36.3' Rt.	Stop

NOTE: SIGN REMOVAL AND REPLACEMENT MAY INCLUDE REPLACING POSTS, ANCHORS AND SLEEVES AT NO ADDITIONAL COST TO THE CITY.

**RECAPITULATION OF QUANTITIES**

LINE NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Lump Sum Bid Items - Sanitary Sewer</b>			
1	Pipe, SS 15"	2,234	lf
2	Pipe, SS 8"	183	lf
3	MH, Standard SS (4')	5	ea
4	MH, Standard SS (4') w/ Outside Drop	3	ea
5	MH, Standard SS (5') w/ Outside Drop	1	ea
6	Fill, Sand (Flushed & Vibrated)	2,417	lf
7	Air Testing, SS Pipe	2,417	lf
8	MH, Connect to Existing	1	ea
9	Concrete Pavement Removed, 6"	1,093	sy
10	Concrete Pavement Removed, 8"	4,548	sy
11	Concrete Pavement 9" (NRDJ)	4,548	sy
12	Concrete Pavement 7" (Reinf.)	1,093	sy
13	Concrete Pavement (VG) 8" (Reinf.)	325	sy
14	Concrete Curb, Mono Edge (6-5/8" & 1-1/2")	2,186	lf
15	Concrete Curb & Gutter, Type 4 (6-5/8" & 1-1/2")	40	lf
16	Asphalt Hook-Up	119	sy
17	Crushed Rock Base 5", Reinforced	1,161	sy
18	Crushed Rock Base 6", Reinforced	4,696	sy
19	Crushed Rock Base 7", Reinforced	263	sy
20	Wheelchair Ramp w/ Detectable Warnings	13	ea
21	Manhole Adjusted w/ New Ring & Cover	1	ea
22	Mobilization	1	LS
23	Transport of Salvaged Materials	1	LS
24	Site Clearing	1	LS
25	Site Restoration	1	LS
26	Sodding	1	LS
27	Pavement Markings	1	LS
28	Traffic Control	1	LS
<b>Measured Quantity Bid Items - Sanitary Sewer</b>			
29	MH, Joint Wrap	65	lf
30	Pipe Plug Existing	15	ea
31	Pipe Removed	832	lf
32	MH Abandoned	3	ea
33	MH Removed	8	ea
34	Sidewalk, Drive &/or Pkg Lot Removed	770	sy
35	Concrete Driveway 6"	518	sf
36	Concrete Driveway 8"	1,657	sf
37	Concrete Sidewalk 4"	496	sf
38	Sidewalk Thickening	40	lf
39	Sign, Existing, Removed and Replaced	13	ea
40	Concrete Safety Barrier, Temporary	600	lf
41	Signing, Elec. Portable Message (each per day)	180	day
42	BMP, Back of Curb Protection	2,153	lf
43	BMP, Curb Inlet Protection	2	ea
44	BMP, Silt Fence	184	lf
<b>Measured Quantity Bid Items - Water</b>			
45	Pipe, WL 8"	1,278	lf
46	Pipe, DICL 8"	71	lf
47	Pipe, DICL 6"	5	lf
48	Pipe, DICL 4"	15	lf
49	Fire Hydrant Assembly	3	ea
50	Fire Hydrant Removal	1	ea
51	Valve Assembly, Anchored 8"	6	ea
52	Pipe Cap	3	ea
53	Pipe Plug	6	ea
54	Long Service	4	ea
55	Short Service	3	ea



**SANITARY SEWER PLANS FOR  
17TH STREET SANITARY SEWER  
WICHITA, KANSAS**

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**SUMMARY OF QUANTITIES**

PROJECT NO.	468-85021	
DATE	MARCH 2015	
SCALE	#"=#"	
DESIGNED	ABC	
DRAWN	ABC	
CHECKED	ABC	
NO.	REVISION	DATE