

SCHEDULE OF STORM SEWER INSTALLATIONS (SMOOTH PIPE SYSTEM)

ROUTING SEQUENCE	LOCATIONS OF INSTALL				TYPE OF INSTALLATION							DIMENSIONS			ELEVATIONS		INFLOW CONDUITS				OUTFLOW CONDUIT		PIPE LENGTHS																												
	FROM	TO	STATIONING REF. NUMBER	ROUTE	DISTANCE LT./RT.	TYPE I	TYPE II SINGLE	TYPE II DOUBLE	TYPE II SPECIAL	GRADED DRIVEWAY SINGLE	MANHOLE	4.0' DIA. MANHOLE	DOUBLE DROP	L (FT.)	W (FT.)	H (FT.)	TOP	FLOOR	CONDUIT SIZE	FLOWLINE ELEV.	CONDUIT SIZE	FLOWLINE ELEV.	CONDUIT SIZE	FLOWLINE ELEV.	CONDUIT SIZE	FLOWLINE ELEV.	12" RCP	15" PVC	15" RCP	18" RCP	24" RCP	30" RCP	30"x19" HERCP																		
LINE K																																																			
K1	EXMHI	14	53.61	2nd St.	18.00' Lt.			/						6.3	3.3	6.5	1299.38	1293.65									15"								1293.65	19.2															
LINE A																																																			
A1	EXMHI	14	53.65	2nd St.	18.00' Rt.			/						6.3	3.3	5.0	1299.33	1294.99									Exist. 15"								1294.99																
LINE C																																																			
C1	C2	16	24.00	2nd St.	11.00' Rt.				/					4.5	3.0	3.5	†1298.56	1295.75									15"								1295.75	44.0															
C2	MH2	15	80.00	2nd St.	11.00' Rt.				/					4.5	3.0	3.5	†1298.47	1295.55	15"	1295.60							15"								1295.55	15.1															
MH2	Exist. 36" Arch	15	80.00	2nd St.	2.88' Lt.					/				5.0	7.0	6.5	1298.63	1292.98	15"	1295.00	30"x19"	1293.00	Exist. 36" Arch	1292.98	Exist. 36" Arch	1292.98																									
LINE D																																																			
MH1	D1	16	46.76	2nd St.	44.25' Lt.						/			4.0' Dia.	7.0		1299.65	1293.60	23"x14"	1293.60							18"								1293.60	29.7															
D1	D2	16	30.00	2nd St.	18.00' Lt.			/						6.3	3.3	6.0	1298.78	1293.45	18"	1293.50							30"x19"								1293.45				50.0												
D2	MH2	15	80.00	2nd St.	18.00' Lt.			/						6.3	3.3	6.5	1298.68	1293.10	30"x19"	1293.20							30"x19"								1293.10				16.8												
LINE E																																																			
E1	E2	18	24.35	2nd St.	11.00' Rt.				/					4.5	3.0	5.5	†1298.37	1293.70									15"								1293.70	65.0															
E2	E3	17	59.34	2nd St.	11.00' Rt.				/					4.5	3.0	6.0	†1298.51	1293.35	15"	1293.45	12"	1293.35					15"								1293.35	75.0															
E3	EXMH2	16	88.09	2nd St.	35.55' Rt.							/		4.0	2.0	6.5	1298.85	1293.00	15"	1293.10							18"								1293.00				5.8												
LINE F																																																			
F1	F2	18	24.66	2nd St.	18.00' Lt.				/					4.5	3.0	5.0	†1298.23	1293.85									12"								1293.85	65.3															
F2	E2	17	59.34	2nd St.	18.00' Lt.				/					4.5	3.0	5.5	†1298.37	1293.40	12"	1293.50							12"								1293.40	31.4															
LINE G&H																																																			
G1	G2	19	55.49	2nd St.	18.00' Rt.			/						3.7	3.3	6.5	1299.09	1293.55									18"								1293.55				64.5												
G2	H1	20	19.98	2nd St.	18.00' Rt.			/						3.7	3.3	7.0	1299.16	1293.05	18"	1293.30							18"								1293.05	105.3															
H1	H2	21	25.00	2nd St.	11.00' Rt.									4.5	3.0	7.0	1298.55	1292.50	18"	1292.75							18"								1292.50	54.2															
H2	H3	21	79.17	2nd St.	11.00' Rt.									4.5	3.0	6.5	†1298.20	1292.25	18"	1292.30							18"								1292.25	53.8															
H3	H4a	22	33.00	2nd St.	11.00' Rt.				/					4.5	3.0	6.5	†1297.85	1291.90	18"	1291.95	8"	1295.00					18"								1291.90	98.3															
H4a	H4b	23	31.28	2nd St.	11.00' Rt.				/					4.8	5.6	7.0	1297.58	1291.25	18"	1291.30							18"								1291.25	7.0															
H4b	MH3	23	38.29	2nd St.	11.00' Rt.				/					4.8	5.6	9.0	1297.53	1287.80	18"	1291.20	24"	1289.75					30"								1287.80				26.7												
MH3	Exist. 30" RCP	23	64.94	2nd St.	11.67' Rt.					/				4.0	4.0	10.0	1297.08	1287.68	30"	1287.75	18"	1290.75					Exist. 30"								1287.68																
G3	Exist. 15"	20	75.02	2nd St.	35.50' Rt.							/		4.0	2.0	5.0	1298.52	1294.15									Exist. 15"								1294.15																
H5	MH3	23	69.09	2nd St.	20.38' Rt.			/						3.7	3.3	7.0	†1297.12	1290.80									18"								1290.80	9.9															
LINE J																																																			
J1	J2	21	25.00	2nd St.	18.00' Lt.			/						6.3	3.3	6.5	1298.77	1293.20									15"								1293.20	108.0															
J2	J3	22	33.00	2nd St.	18.00' Lt.			/						6.3	3.3	6.5	1298.07	1292.25	15"	1292.50	2 - 6"	1295.00					18"								1292.25	108.5															
J3	H4b	23	41.50	2nd St.	20.11' Lt.			/						10.0	3.0	8.0	1297.37	1289.90			15"	1291.85					24"								1289.90				32.5												
TOTAL																																																			
																										1	3	6	2	9	2	1	2											TOTAL	96.7	19.2	307.1	537.0	32.5	26.7	66.8

*Top Elevation for the Grated Driveway Inlets is the elevation to the high edge of curb

SUMMARY OF STORM QUANTITIES

ITEM	QUANTITY	UNIT
Pipe Removed	521	L.F.
Pipe, SWS 6"	44	L.F.
Pipe, SWS 8"	21	L.F.
Pipe, SWS 12" (RCP)	97	L.F.
Pipe, SWS 15" (PVC)	19	L.F.
Pipe, SWS 15" (RCP)	307	L.F.
Pipe, SWS 18"	537	L.F.
Pipe, SWS 24"	33	L.F.
Pipe, SWS 30"	27	L.F.
Pipe, SWS, HERCP (19"x30")(24)	67	L.F.
Inlet, Curb (Type 1)(L=10', W=3')	1	EA.
Inlet, Drop (Double)	2	EA.
MH, Reinforced Concrete (L=5.0', W=7.0')	1	EA.
MH, Reinforced Concrete (L=4.0', W=4.0')	1	EA.
MH, SWS (4.0' Diameter)	1	EA.
Inlet, Curb (Type 2)(L=3'8", W=3'4 3/8")	3	EA.
Inlet, Curb (Type 2)(L=6'2 1/2", W=3'4 3/8")	6	EA.
Inlet, Curb (Special)(L=6'1 1/2", W=7')	2	EA.
Inlet, Grated Driveway, Single	9	EA.
Fill, Sand (Flushed & Vibrated)(SWS)	1091	L.F.
Fill, Sand (Flushed & Vibrated)(SWS)(Removal)	521	L.F.
Inlet Hookup	26	EA.
Inlet Underdrain	169	L.F.
Connect to Existing Structures	7	EA.

CONNECT TO EXISTING STRUCTURES

STATION	OFFSET	SIDE
14+53.84	00.53'	Lt.
14+53.61	18.00'	Rt.
16+46.76	44.25'	Lt.
15+80.00	02.88'	Lt.
16+82.35	34.96'	Rt.
23+64.94	11.67'	Rt.
23+41.50	20.11'	Lt.
TOTALS (EA.)		7

REMOVAL OF SWS PIPE

STATION	LOCATION	DESCRIPTION
14+53.61	Rt.	3.3 L.F. 15" RCP
14+53.61	Lt.	15.9 L.F. 15" PVC Pipe
16+42.65	Lt.	25.0 L.F. (23"x14") HERCP
16+42.65	Lt.	20.6 L.F. 12" RCP
16+32.90	Rt.	22.5 L.F. 10" VCP
16+88.03	Lt.	126.3 L.F. 15" RCP
16+88.03	Lt.	38.6 L.F. (34"x22") HERCP
16+89.26	Rt.	7.9 L.F. 15" RCP
17+68.85	Rt.	84.4 L.F. 15" VCP
20+84.83	Rt.	9.0 L.F. 15" RCP
20+84.83	Rt.	52.4 L.F. 8" VCP
23+37.33	Rt.	25.1 L.F. 30" RCP
23+39.87	Rt.	6.7 L.F. 15" RCP
22+36.00	Lt.	46.6 L.F. 6" PVC
23+41.50	Lt.	36.8 L.F. 15" RCP

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CONSULTANTS:

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**2ND STREET IMPROVEMENTS
 SANTA FE TO WASHINGTON IN OLD TOWN**

WICHITA, KANSAS

REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: 472-85284
 SCALE: N.T.S.
 DATE: 7/11/2018
 DESIGNED BY: TAU
 DRAWN BY: TAU
 CHECKED BY: MDB

SHEET TITLE:
SCHEDULE OF STORM SEWER

SHEET NO.
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