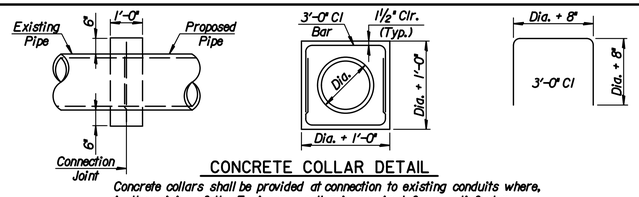
INLET AND MANHOLE DATA

ROUTING SEQUENCE		LOCATIONS OF INSTALLATIONS					CONSTRUCT OR INSTALL		DIMENSIONS				ELEVATIONS		INFLOW CONDUITS						OUTFLOW CONDUITS		REMARKS
FROM	TO	STATION	ROUTE IDENTIFICATION	DISTANCE LEFT/RIGHT	NORTH COORDINATE	EAST COORDINATE	CURB INLET (TYPE I)	R.C. MANHOLE	L (FT.)	W (FT.)	H (FT.)	STACK (FT.)	TOP ⊛	FLOOR	SIZE DIRECTION	FLOWLINE ELEV.	SIZE DIRECTION	FLOWLINE ELEV.	SIZE DIRECTION	FLOWLINE ELEV.	SIZE DIRECTION	FLOWLINE ELEV.	
101	100	224+85.00	17th St.	27.00' Lt.	1,696,616.9041	1,664,853.5903	1		5.00	4.00	6.00		1407.57	1402.07	15" (S)	1403.73	24" (E)	1402.71			30" (W)	1402.36	
102	101	224+85.00	17th St.	24.50' Rt.	1,696,565.4165	1,664,854.7222	1		5.00	3.00	4.00		1407.71	1404.21							15" (N)	1404.40	
103	101	226+13.72	17th St.	27.00' Lt.	1,696,619.7333	1,664,982.2825		1	4.00	4.00	6.50	1.50	1408.81	1402.81	24" (N)	1403.32					24" (W)	1403.22	
104	103	127+60.00	Oliver St.	52.64' Lt.	1,696,698.8221	1,664,975.4125	1		10.00	4.00	5.50		1408.34	1403.34	15" (E)	1404.53	18" (N)	1403.94			24" (S)	1403.64	
105	104	127+60.00	Oliver St.	25.00' Rt.	1,696,700.1920	1,665,053.0427	1		10.00	3.00	4.50		1408.69	1404.69	15" (N)	1405.25					15" (W)	1405.15	
106	105	128+00.00	Oliver St.	25.00' Rt.	1,696,740.1858	1,665,052.3370	1		5.00	3.00	4.00		1408.72	1405.22							15" (S)	1405.41	
107	104	130+50.00	Oliver St.	48.00' Lt.	1,696,988.8589	1,664,974.9376	1		10.00	3.00	5.00		1409.23	1404.73	15" (E)	1405.47					18" (S)	1405.20	
108	107	130+50.00	Oliver St.	25.00' Rt.	1,696,990.1469	1,665,047.9262	1		10.00	3.00	4.50		1409.23	1405.23	15" (N)	1405.86					15" (W)	1405.76	
109	108	130+75.00	Oliver St.	25.00' Rt.	1,697,015.1430	1,665,047.4852	1		5.00	3.00	4.00		1409.27	1405.77							15" (S)	1405.96	
201	200	136+00.00	Oliver St.	60.50' Lt.	1,697,538.5528	1,664,952.7358	1		10.00	4.00	6.00		1409.80	1404.30	30"x19" (E)	1405.67	30" (S)	1404.69			36" (SW)	1404.59	
202	201	136+00.00	Oliver St.	25.00' Rt.	1,697,540.0612	1,665,038.2225	1		10.00	3.00	5.00		1410.16	1405.66	18" (N)	1406.45	24" (S)	1406.35			30"x19" (W)	1406.35	
203	202	135+25.00	Oliver St.	25.00' Rt.	1,697,465.0729	1,665,039.5457	1		10.00	3.00	4.25		1409.98	1406.23	18" (S)	1406.50					24" (N)	1406.50	
204	203	134+50.00	Oliver St.	25.00' Rt.	1,697,390.0846	1,665,040.8690	1		10.00	3.00	3.75		1409.77	1406.52	18" (S)	1406.79					18" (N)	1406.79	
205	204	134+05.00	Oliver St.	25.00' Rt.	1,697,345.0916	1,665,041.6629	1		10.00	3.00	3.50		1409.71	1406.71							18" (N)	1406.92	
206	201	134+90.50	Oliver St.	58.02' Lt.	1,697,429.1135	1,664,957.1462	1		10.00	3.00	5.50		1409.57	1404.57	15" (S)	1405.87					30" (N)	1404.87	
207	206	134+05.00	Oliver St.	48.00' Lt.	1,697,343.8036	1,664,968.6743	1		10.00	3.00	4.00		1409.71	1406.21							15" (N)	1406.40	
208	202	137+25.00	Oliver St.	25.00' Rt.	1,697,665.0418	1,665,036.0171	1		10.00	3.00	4.00		1410.36	1406.86							18" (S)	1407.07	
300	—	144+22.00	Oliver St.	47.00' Lt.	1,698,360.6630	1,664,951.7310		1	5.50	5.50	10.25	1.50	1409.59	1399.84	30" (S)	1404.28					Ex. 30" (N)	1400.28	Connect to Exist. SWS. Offset MH Stack from Curb.
301	300	144+00.00	Oliver St.	48.50' Lt.	1,698,338.6400	1,664,950.6194	1		5.00	4.00	6.00		1409.57	1404.07	15" (E)	1406.04	30" (S)	1404.48			30" (N)	1404.38	
302	301	144+00.00	Oliver St.	25.00' Rt.	1,698,339.9367	1,665,024.1080	1		10.00	3.00	4.00		1409.57	1406.07							15" (W)	1406.32	
303	301	142+95.00	Oliver St.	48.50' Lt.	1,698,233.6563	1,664,952.4720	1		5.00	4.00	6.00		1409.82	1404.32	24" (S)	1405.19	24" (E)	1405.48			30" (N)	1404.69	
304	303	142+95.00	Oliver St.	25.00' Rt.	1,698,234.9531	1,665,025.9605	1		15.00	3.00	5.00		1409.82	1405.32	24" (S)	1405.73					24" (W)	1405.63	
305	304	142+65.00	Oliver St.	25.00' Rt.	1,698,204.9577	1,665,026.4898	1		15.00	3.00	5.00		1409.89	1405.39	15" (S)	1406.53					24" (N)	1405.79	
306	305	141+95.00	Oliver St.	25.00' Rt.	1,698,134.9686	1,665,027.7248	1		10.00	3.00	4.00		1410.06	1406.56							15" (N)	1406.81	
307	303	141+25.00	Oliver St.	48.50' Lt.	1,698,063.6828	1,664,955.4713	1		5.00	4.00	5.50		1410.21	1405.21	24" (E)	1405.63					24" (N)	1405.53	
308	307	141+25.00	Oliver St.	25.00' Rt.	1,698,064.9795	1,665,028.9599	1		10.00	3.00	5.50		1410.21	1405.21	24"(S)	1405.88					24" (W)	1405.78	
309	308	140+00.00	Oliver St.	25.00' Rt.	1,697,939.9990	1,665,031.1652	1		10.00	3.00	5.00		1410.38	1405.88	15" (S)	1406.88					24" (N)	1406.13	
310	309	139+25.00	Oliver St.	25.00' Rt.	1,697,865.0107	1,665,032.4885	1		10.00	3.00	4.00		1410.43	1406.93							15" (N)	1407.18	
TOTALS							26	2															

CONDUIT DATA

ROUTING SEQUENCE		LOCATIONS OF INSTALLATIONS			CONSTRUCT OR INSTALL			CONDUIT FLOWLINES			STORM SEWER (LIN. FT.)						END SECTIONS (EACH)				AASHTO CONC. CLASS	SAND FILL, FLUSH, AND VIBRATE (L.F.)								REMARKS
FROM	TO	STATION	ROUTE IDENTIFICATION	DISTANCE LEFT/RIGHT	TYPE OF CONDUIT SIZE	TYPE OF CONDUIT MATERIAL	LENGTH (L.F.)	INFLOW ELEV.	OUTFLOW ELEV.	COMMON (CU. YD.)	15"	18"	24"	30"	36"	30"x19"														
101	100	224+85.00	17th St.	27.00' Lt.	30"	RCP	10.0	1402.36						10.0								10.0								Connect to RCP (By Others)
102	101	224+85.00	17th St.	24.50' Rt.	15"	RCP	51.5	1404.40	1403.73		51.5											51.5								
103	101	226+13.72	17th St.	27.00' Lt.	24"	RCP	128.7	1403.22	1402.71				128.7									128.7								
104	103	127+60.00	Oliver St.	52.64' Lt.	24"	RCP	79.4	1403.64	1403.32				79.4									79.4								
105	104	127+60.00	Oliver St.	25.00' Rt.	15"	RCP	77.6	1405.15	1404.53		77.6											77.6								
106	105	128+00.00	Oliver St.	25.00' Rt.	15"	RCP	40.0	1405.41	1405.25		40.0											40.0								
107	104	130+50.00	Oliver St.	48.00' Lt.	18"	RCP	290.0	1405.20	1403.94			290.0										290.0								
108	107	130+50.00	Oliver St.	25.00' Rt.	15"	RCP	73.0	1405.76	1405.47		73.0											73.0								
109	108	130+75.00	Oliver St.	25.00' Rt.	15"	RCP	25.0	1405.96	1405.86		25.0											25.0								
201	200	136+00.00	Oliver St.	60.50' Lt.	36"	RCP	33.1	1404.59	1404.49						33.1															Connect to RCP (By Others)
202	201	136+00.00	Oliver St.	25.00' Rt.	30"x19"	RCPHE	85.5	1406.35	1405.67							85.5						85.5								
203	202	135+25.00	Oliver St.	25.00' Rt.	24"	RCP	75.0	1406.50	1406.35				75.0									75.0								
204	203	134+50.00	Oliver St.	25.00' Rt.	18"	RCP	75.0	1406.79	1406.50			75.0										75.0								
205	204	134+05.00	Oliver St.	25.00' Rt.	18"	RCP	45.0	1406.92	1406.79			45.0										45.0								
206	201	134+90.50	Oliver St.	58.02' Lt.	30"	RCP	109.5	1404.87	1404.69					109.5								109.5								
207	206	134+05.00	Oliver St.	48.00' Lt.	15"	RCP	86.1	1406.40	1405.87		86.1											86.1								
208	202	137+25.00	Oliver St.	25.00' Rt.	18"	RCP	125.0	1407.07	1406.45			125.0										125.0								
301	300	144+00.00	Oliver St.	48.50' Lt.	30"	RCP	22.1	1404.38	1404.28					22.1								22.1								
302	301	144+00.00	Oliver St.	25.00' Rt.	15"	RCP	73.5	1406.32	1406.04		73.5											73.5								
303	301	142+95.00	Oliver St.	48.50' Lt.	30"	RCP	105.0	1404.69	1404.48					105								105.0								
304	303	142+95.00	Oliver St.	25.00' Rt.	24"	RCP	73.5	1405.63	1405.48				73.5									73.5								
305	304	142+65.00	Oliver St.	25.00' Rt.	24"	RCP	30.0	1405.79	1405.73				30									30.0								
306	305	141+95.00	Oliver St.	25.00' Rt.	15"	RCP	70.0	1406.81	1406.53		70											70.0								
307	303	141+25.00	Oliver St.	48.50' Lt.	24"	RCP	170.0	1405.53	1405.19				170									170.0								
308	307	141+25.00	Oliver St.	25.00' Rt.	24"	RCP	73.5	1405.78	1405.63				73.5									73.5								
309	308	140+00.00	Oliver St.	25.00' Rt.	24"	RCP	125.0	1406.13	1405.88				125									125.0								
310	309	139+25.00	Oliver St.	25.00' Rt.	15"	RCP	75.0	1407.18	1406.88		75											75.0								
TOTALS											571.7	535.0	755.1	246.6	33.1	85.5						2193.9								



CONCRETE COLLAR DETAIL

Concrete collars shall be provided at connection to existing conduits where, in the opinion of the Engineer, a collar is required for a satisfactory connection. Class A Concrete or the mix used in concrete pavement shall be used throughout. Concrete collars will not be paid for directly, but shall be considered Subsidiary to the various pipes involved.

⊛ Note: Top Elevation is located as follows:
1. Manhole - Top of Manhole Ring
2. Curb Inlet - Top of Curb

No.	Revision	By	Date

17TH STREET AND OLIVER INTERSECTION

SCHEDULE OF INLETS AND MANHOLES

GARY JANZEN, P.E.–CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-85214

PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPEKA WICHITA, KS 67202
316-262-2691 www.pec1.com

Designed by	CKC	Job No.	15081	Sht. 37 of 107
Drawn by	CP, SVB	Date	Dec., 2017	

Plotted By: sheldon.blin@ate: 12/14/2017 6:23:26 PM
FILE: U:\Wichita-Civil\2015\1508\000\Trans\Road\DGN Project\SWS\1508I-SWS Schedule-1.dgn