FHWA REG. NO.	STATE	PROJECT NO.:	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N–0502–01	2009	58	226
		A.R.R.A–N050(201)			

STRUC. ID (Note 1)	STA.	SIDE	TYPE I CURB INLET	TYPE I-A CURB INLET	INLET MANHOLE SPECIAL	DOUBLE DROP INLET	PRECAST MANHOLE TYPE I	SEWER DATA IN FLOW PIPES						SEWER DATA OUT FLOW PIPES			ELEVATIONS		DIMENSIONS			STORM SEWER PIPE (FEET) (RCP) (CLASS II) See Note: 2						PRECAST REINFORCED CONCRETE BOX SECTIONS		RC END SECTIONS	RCB END SECTIONS	REMARKS
								SIZE	FL ELEV	SIZE	FL ELEV	SIZE	FL ELEV	SIZE	FL ELEV	GRADE	TOP	BOTTOM	L	W	H	18"	24"	30"	36"	42"	48"	6'X3'	8'X3'	TYPE I		
AA6	7+25.00	LT						Ex. 48"	Existing					48"	1316.89	0.17%											64.1					Pipe Collar - Connect to Existing
AA5	7+88.27	LT		1				48"	1316.89					48"	1316.89	Existing	1321.90	1315.90	6'-4"	7'-4"	6'-0"											Connect to Exist. 48" RCP
AA4	7+88.75	RT		1				48"	1316.61					48"	1316.61	0.27%	1321.74	1315.24	6'-4"	4'-4"	6'-6"						32.8			1		Connect to Exist. 48" RCP, Relocate 48" RC End Section
AA3	7+76.40	LT						48"	1317.00					48"	1316.82	0.64%											28.1			1		Relocated 48" RC End Section from Sta. 7+98.27, Lt.
AA2	7+98.27	LT		1				48"	1316.82	24"	1316.89			48"	1316.62	Existing	1321.91	1315.41	6'-4"	7'-4"	6'-6"											Connect to Exist. 48" RCP, Relocate 48" RC End Section.
AA1	7+98.28	RT		1				48"	1316.61					48"	1316.49	0.35%	1321.75	1315.25	6'-4"	4'-4"	6'-6"						34.6			1		Connect to Exist. 48" RCP, Relocate 48" RC End Section.
AA7	5+89.56	RT						18"	1322.47					18"	1321.91	1.00%						56								2		18" RC End Sections
B1	10+57.03	LT																														Remove Inlet Manhole Special and Plug Existing 36" RCP
C3	10+24.48	RT		1										18"	1319.89	2.62%	1323.96	1318.96	6'-4"	4'-4"	5'-0"	32.1										Top Elevation = Top of Curb Elevation, Slope top Up at 4.0%
C2	10+57.70	RT			1			18"	1319.05					18"	1318.80	1.25%	1324.48	1317.48	5'-6"	4'-6"	7'-0"	24.0										
C1	10+57.69	RT					1	36"	1317.00	18"	1318.50			Ex.36"	1317.00	0.20%	1325.91	1315.91	5' dia	5' dia	10'-0"											Connect to Existing 36" RCP
C4	12+40.84	RT		1				18"	1320.20	36"	1317.51			36"	1317.46	0.25%	1327.06	1316.06	6'-4"	6'-4"	11'-0"				184.1							Top Elevation = Top of Curb Elevation, Slope top Up at 4.0%
C5	12+40.83	RT				1								18"	1320.91	3.77%	1326.03	1320.03	5'-6"	4'-6"	6'-0"	19.0										
C6	12+40.86	LT		1				36"	1318.17	18"	1320.30			36"	1317.67	0.21%	1326.97	1315.97	6'-4"	6'-4"	11'-0"				75.8							Top Elevation = Top of Curb Elevation, Slope top Up at 4.0%
C6A	12+40.92	LT				1								18"	1321.26	4.93%	1326.10	1320.60	5'-6"	4'-6"	5'-6"	19.6										
C8	14+77.60	LT		1				24"	1319.28	18"	1320.37			36"	1318.78	0.26%	1327.76	1317.76	6'-4"	6'-4"	10'-0"			236.8								Top Elevation = Top of Curb Elevation, Slope top Up at 2.0.%
C7	14+77.57	RT		1				18"	1322.29					18"	1322.29	0.88%	1327.76	1321.26	6'-4"	4'-4"	6'-6"	68.4										Top Elevation = Top of Curb Elevation, Slope top Up at 2.0.%
C7A	14+77.57	RT				1								18"	1322.89	4.22%	1326.66	1321.66	5'-6"	4'-6"	5'-0"	14.2										
CC11	17+97.49	LT												18"	1324.66	12.60%	1326.53	Exist.	Exist.	Exist.	Exist.	31.5										Adjust Top of Existing Manhole, Plug N. and S.
C11	17+66.49	LT		1				24"	1320.05	18"	1320.70			24"	1320.02	0.26%	1326.35	1319.35	6'-4"	5'-4"	7'-0"		288.9									Top Elevation = Top of Curb Elevation, Slope top Up at 2.0.%
C9	17+66.83	RT		1				18"	1320.71					24"	1320.21	0.24%	1326.35	1319.35	6'-4"	4'-4"	7'-0"		67.9									Top Elevation = Top of Curb Elevation, Slope top Up at 2.0.%
C13	19+50.02	RT				1		18"	1321.27					18"	1321.18	0.26%	1325.08	1320.08	5'-6"	4'-6"	5'-0"	183.5										
C14	19+79.06	LT			1									18"	1321.52	0.25%	1325.00	1320.00	5'-6"	4'-6"	5'-0"	100.4										
D16	21+14.47	RT				1								18"	1320.76	0.18%	1323.22	1319.72	5'-6"	4'-6"	3'-6"	85.6										
D17	21+14.42	LT		1				18"	1320.61					24"	1320.32	0.17%	1326.75	1319.25	6'-4"	5'-4"	7'-6"		35.6									Top Elevation = Top of Curb Elevation, Slope top Up at 4.0%
D19	21+49.99	LT					1	18"	1320.76	24"	1320.26			24"	1320.26	0.17%	1326.60	1319.10	5' dia	5' dia	7'-6"		150.0									
D18	21+49.13	LT				1								18"	1320.93	0.92%	1324.55	1320.05	5'-6"	4'-6"	4'-6"	18.5										Connect to Exist. Flume
D17A	23+00.09	LT			1									18"	1320.20	0.43%	1323.50	1319.00	5'-6"	4'-6"	4'-6"	18.8										
D17B	23+00.00	LT					1	18"	1320.12					36"	1319.00	0.16%	1325.60	1318.10	5' dia	5' dia	7'-6"				114.5							
D15	24+14.37	LT	1					36"	1318.82	24"	1319.73			36"	1318.82	0.15%	1324.97	1317.97	11'-4"	6'-4"	7'-0"				110.6							Top Elevation = Top of Curb Elevation, Slope top Down at -2.0.%
D13	24+14.64	RT	1					18"	1320.23					24"	1319.95	0.34%	1324.97	1318.97	6'-4"	4'-4"	6'-0"		64.0									Top Elevation = Top of Curb Elevation, Slope top Down at -2.0.%
D14	24+14.50	RT				1								18"	1320.23	0.21%	1322.65	1319.15	5'-6"	4'-6"	3'-6"	14.4										
D15B	25+24.97	LT					1	36"	1318.66	18"	1320.01			36"	1318.66	0.15%	1325.32	1317.32	5' dia	5' dia	8'-0"				144.5							
D15A	25+24.94	LT				1								18"	1320.10	0.58%	1322.50	1319.00	5'-6"	4'-6"	3'-6"	15.6										
D12	26+69.50	LT			1									18"	1319.61	0.40%	1323.33	1318.33	4'-6"	5'-6"	5'-0"	20.1										
D10	26+75.45	RT				1								24"	1319.47	0.42%	1321.79	1318.29	5'-6"	4'-6"	3'-6"		87.5									
D11	26+68.99	LT	1					18"	1319.53	24"	1319.10	36"	1318.44	6'x3'	1318.44	0.15%	1325.42	1317.42	6'-4"	9'-4"	8'-0"							352.7				Top Elevation = Top of Curb Elevation, Slope top Down at -2.0.%
D9A	28+99.98	LT				1								18"	1319.00	1.00%	1422.33	1417.83	5'-6"	4'-6"	4'-6"	9.3										
D8	29+24.95	RT				1								18"	1319.25	0.21%	1321.75	1318.25	5'-6"	4'-6"	3'-6"	95.9										
D7	30+19.31	RT	1					18"	1319.05					30"	1318.53	0.17%	1323.82	1317.32	11'-4"	6'-6"				65.6								Top Elevation = Top of Curb Elevation, Slope top Down at -2.0.%
D9	30+22.19	LT	1					30"	1318.42	6'x3'	1317.92			6'x3'	1317.92	0.15%	1323.82	1316.82	11'-4"	9'-4"	7'-0"							168.0				Top Elevation = Top of Curb Elevation, Slope top Up at 2.0.%
D5A	31+90.22	RT				1								18"	1319.51	0.45%	1321.90	1318.40	5'-6"	4'-6"	3'-6"	15.5										
D5	31+90.23	RT	1					18"	1319.44					18"	1319.28	0.46%	1324.29	1318.29	6'-4"	4'-4"	6'-0"	65.5										Top Elevation = Top of Curb Elevation, Slope top Down at -2.0.%
D6	31+90.22	LT	1					18"	1318.98	6'x3'	1317.66			6'x3'	1317.66	0.19%	1324.29	1316.29	6'-4"	9'-4"	8'-0"							299.9				Top Elevation = Top of Curb Elevation, Slope top Down at -2.0.%
D4A	32+24.98	LT				1								18"	1319.00	1.31%	1322.23	1317.73	5'-6"	4'-6"	4'-6"	12.2										
D3	34+90.10	LT		1				6'x3'	1317.09					6'x3'	1317.21	0.16%	1323.13	1316.13	9'-4"	9'-4"	7'-0"							73				Top Elevation = Top of Curb Elevation, Slope top Down at -4.0%
D1	34+87.73	RT		1				6'x3'	1317.09					6'x3'	1317.09	0.23%	1323.12	1316.12	9'-4"	9'-4"	7'-0"							38.6		1		Top Elevation = Top of Curb Elevation, Slope top Up at 4.0%
E1	35+59.94	RT		1				36"	1317.26	18"	1318.76			2-36"	1317.26	0.42%	1322.87	1315.87	6'-4"	11'-4"	7'-0"				23.6							Top Elevation = Top of Curb Elevation, Slope top Up at 2.0.%
E2	35+60.10	LT		1										18"	1318.96	0.28%	1322.87	1317.87	16'-10"	4'-4"	5'-0"	70.8										Top Elevation = Top of Curb Elevation, Slope top Up at 2.0.%
E3	36+08.42	RT		1				36"	1317.61					36"	1317.51	0.52%	1322.96	1316.46	11'-4"	6'-4"	6'-6"				48.5							Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
E4	36+11.21	LT		1				30"	1318.36					36"	1317.86	0.36%	1322.98	1316.48	16'-10"	6'-4"	6'-6"				69.3							Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
E6	38+26.69	LT		1				18"	1319.95	30"	1319.68			30"	1319.18	0.38%	1323.88	1317.88	16'-10"	6'-4"	6'-0"			215.4								Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
E5	38+21.27	RT		1										18"	1320.14	0.28%	1323.88	1318.88	11'-4"	4'-4"	5'-0"	68.4										Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
E8	41+09.68	LT		1				18"	1321.33					24"	1320.83	0.41%	1325.06	1319.56	16'-10"	5'-4"	5'-6"		282.9									Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
E7	41+09.52	RT		1										18"	1321.52	0.28%	1325.06	1320.06	6'-4"	4'-4"	5'-0"	67.8										Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
F19	45+72.77	RT		1										18"	1321.72	0.40%	1326.45	1320.45	6'-4"	4'-4"	6'-0"	67.8										Top Elevation = Top of Curb Elevation, Slope Top Up at 4.0%
F18	45+75.43	LT		1				18"	1321.45					24"	1320.95	0.41%	1326.77	1319.77	11'-4"	5'-4"	7'-0"		249.5									Top Elevation = Top of Curb Elevation, Slope Top Up at 4.0%
F16	48+24.94	LT		1				24"	1319.93	24"	1319.93			30"	1319.43	0.33%	1325.10	1318.10	11'-4"	5'-4"	7'-0"			125.9								Top Elevation = Top of Curb Elevation, Slope Top Up at 4.0%
F17	48+32.14	RT		1										24"	1320.13	0.29%	1324.85	1318.85	11'-4"	4'-4"	6'-0"		68.9									Top Elevation = Top of Curb Elevation, Slope Top Up at 12:1
F15	48+70.18	LT		1										18"	1321.33	1.63%	1325.17	1320.17	6'-4"	4'-4"	5'-0"	37.4										Top Elevation = Top of Curb Elevation, Slope Top Up at 4.0%
F14	49+07.58	LT		1				18"	1320.72					18"	1320.72	1.03%	1325.17	1319.67	6'-4"	4'-4"	5'-6"	24.2										Top Elevation = Top of Curb Elevation, Slope Top Up at 4.0%
F13	49+23.46	LT					1	18"	1320.47					18"	1320.47	1.25%	1325.45	1319.45	4' dia	4' dia	6'-0"	36.9										
F11	49+49.54	LT	1					18"	1320.01	24"	1319.49	30"	1319.01	42"	1318.01	0.27%	1323.93	1316.93	6'-4"	6'-4"	7'-0"					188.5						Top Elevation = Top of Curb Elevation, Slope top Up at 2.0.%
F12	49+41.55	RT		1										24"	1319.73	0.31%	1324.31	1318.81	6'-4"	4'-4"	5'-6"		77.7									Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
F10	51+46.15	RT		1										24"	1318.75	0.20%	1323.25	1317.75	11'-4"	4'-4"	5'-6"		76.9									Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
F9	51+38.99	LT	1					18"	1319.62	24"	1318.60	42"	1317.51	42"	1317.51	0.27%	1322.96	1316.46	16'-10"	6'-4"	6'-6"					163.3						Top Elevation = Top of Curb Elevation, Slope Top Up at 2.0.%
F20	51+39.39	LT					1	18" Exist.	1322.5					18"	1320.27	4.14%	1325.06	1318.56	4' dia	4' dia	6'-6"	15.7										Connect Manhole to Existing 18" RCP
F8	53+42.69	RT		1										18"	1318.83	0.37%	1322.68	1317.68	6'-4"	4'-4"	5'-0"	42.8										Top Elevation = Top of Curb Elevation, Slope Top Up at 4.0%
F7	52+99.88	RT		1				18"	1318.67					30"	1317.67	0.20%	1322.57	1316.57	11'-4"	4'-4"	6'-0"			68.3								Top Elevation = Top of Curb Elevation, Slope Top Up at 4.0%
F6	53+02.03	LT		1				42"	1317.07	30"	1317.53			42"	1317.07	0.18%	1322.57	1316.07	11'-4"	6'-4"	6'-6"					48.8						Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
F5	53+50.86	LT		1				42"	1316.98					42"	1316.98	0.21%	1322.68	1315.68	11'-4"	6'-4"	7'-0"					219.2						Top Elevation = Top of Curb Elevation, Slope Top Up at 6:1
F4	55+70.07	LT					1	42"	1316.53					42"	1316.53	0.20%	1324.55	1315.55	6' dia	6' dia	9'-0"					71.1						Use Caution when crossing Existing Sanitary Sewer
⚠3 F3	55+92.81	RT					1	42"	1316.39					42"	(1314.08)	(0.50%)	1323.54	(1313.04)	6' dia	6' dia	(10'-6")					272.8						
⚠1 F2	58.65.65	RT					1	42"	(1312.72)					42"	(1312.52)	(0.50%)	1320.86	(1311.36)	6' dia	6' dia	(9'-6")					15.9						
F1	58+63.84	RT		1				42"	1312.44					42"	1312.24	0.90%	1321.62	1311.12	6'-4"	4'-4"	10'-6"					20.0						
F0	58+65.76	RT						42"	1312.06																							Wing Wall Extension (See Details Sheet 63)
TOTALS			9	35	4	13	9															1351.9	1449.8	712.0	770.9	999.6	159.6	932.2	0	5	1	
			TYPE I CURB INLET	TYPE I-A CURB INLET	INLET MANHOLE SPECIAL	DOUBLE DROP INLET	PRECAST MANHOLE TYPE I															18"	24"	30"	36"	42"	48"	6'X3'	8'X3'	TYPE I		
																											PRECAST REINFORCED CONCRETE BOX SECTIONS		RC END SECTIONS	RCB END SECTIONS	

NOTE: Top Elevation is located as follows:

1. Manhole – Top of Manhole Ring
2. Curb Inlet – Top of Curb
3. Gutter Inlet – Top Back of Curb
4. Inlet–Manhole – Top of Grate
5. Double Drop – Top of Concrete Cover Plate

NOTE: 1. Station and Offset are to center of Structure.

2. Pipe Lengths are measured from center of structure to center of structure.

No.	Date	By	Approved	Revision
1	12/15/09	PAF	PAF	Revised Heights & FL's for MH F2 & F3

MAIZE ROAD
WEST KELLOGG AVE. TO PAWNEE AVE.
CITY OF WICHITA, KANSAS
SCHEDULE OF INLETS AND MANHOLES

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
3940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444

FINAL

Engineer: P. FERGUSON
Designer: K. WARREN
KDOT Job No.: 87 N-0502-01 Poe Job No.: 1935
Date: SEPTEMBER 2009