TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	NH-I-640-7(161)	2M

KNOX CO. I-640
47008-3150-44 (CONST.)

REV. 01-15-16; REVISED DRAIN TAB

CATCH BASINS AND MANHOLES

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSION	DEPTH (FT.)	STANDARD DRAWINGS	TYPE 3 M.H. 611-01.02 4' - 8'	TYPE 3 M.H. 611-01.03 8' - 12'	TYPE 12 C.B. 611-12.01 0' - 4'	TYPE 12 C.B. 611-12.02 4' - 8'	TYPE 14 C.B. 611-14.02 4' - 8'	TYPE 25 C.B. 611-25.01 0' - 4'	TYPE 25 C.B. 611-25.02 4' - 8'	TYPE 25 C.B. 611-25.03 8' - 12'	TYPE 41 C.B. 611-41.03 8' - 12'	TYPE 41 C.B. 611-41.08 > 28'	TYPE 42 C.B. 611-42.01 0' - 4'	TYPE 42 C.B. 611-42.02 4' - 8'	TYPE 51 C.B. 611-51.02 4' - 8'	TYPE 51 C.B. 611-51.03 8' - 12'	TYPE 51 C.B. 611-51.04 12' - 16'	TYPE 52 C.B. 611-52.02 4' - 8'	TYPE 52 C.B. 611-52.03 8' - 12'	CAP EXIST CB 611-09.03 EACH	REWORK CATCH BASIN 611-09.02 EACH	REMARKS
5C	I640	121+60.00	-71	1	962.45	#51	5'2"X5'2"	4.13														1							
5C	I640	122+70.00	-71	2	961.28	#51	5'2"X5'2"	4.35														1							
5C	I640	124+40.00	-74.64	3	959.3	#51	5'2"X5'2"	4.35														1							
6D	I640	126+13.00	-77.79	4	957.4	#51	5'2"X5'2"	4.67														1							
6D	I640	126+75.00	-78.83	5	957.11	#51	5'2"X5'2"	4.89														1							
6D	I640	127+00.00	-79.49	6	957.09	#52	9X9	5.67																	1				
6D	I640	126+99.00	-68	6A	952.4 (Exist.)	EX																						1	Cap and Connect to Exist. CB
6D	I640	127+25.00	-79.83	7	957.32	#51	5'2"X5'2"	6.24														1							
6D	I640	127+87.00	-80.96	8	958.01	#51	5'2"X5'2"	7.54														1							
6D	I640	129+87.00	-84.57	9	962.81	#51	5'2"X5'2"	13.88																1					
6D	I640	130+84.0000	-82	9A	948.42	PO																							Connect To Exist. RCBC
6D	I640	131+87.00	-89.11	10	970.65	#51	5'2"X5'2"	4.13														1							
6D	I640	130+96.00	-82	10A	950.00	PO																							Connect To Exist. RCBC
6D	DUTCHVALLEY	3+95.00	15	32	951.50	PO																							Outlet Stub Through Wall
6D	DUTCHVALLEY	3+95.00	-17.61	33	955.72	#12	4' DIA	4.05					1																
6D	DUTCHVALLEY	3+95.00	-30.5	34	955.40	#42	32"X32"	3.00	D-CB-42S											1									Use 32"x32" square CB
6D	DUTCHVALLEY	5+28.00	-41	35	954.00	#42	32"X32"	3.00	D-CB-42S											1									Use 32"x32" square CB
6D	DUTCHVALLEY	5+57.00	-42	36	954.00	#42	32"X32"	3.23	D-CB-42S											1									Use 32"x32" square CB
6D	DUTCHVALLEY	5+58.00	14	37	957.11	#51	7X7	6.81														1							
6D	DUTCHVALLEY	8+60.00	-61	39	954.25	#42	32"X32"	3.00	D-CB-42S											1									Use 32"x32" square CB
6D	DUTCHVALLEY	8+28.50	-43	40		PO																							Conn. To Exist. 24" CMP
6D	DUTCHVALLEY	8+22.00	-47	41	954.10	#42	32"X32"	3.37	D-CB-42S											1									Use 32"x32" square CB
6D	DUTCHVALLEY	8+35.00	-71	41A	954.20	#42	32"X32"	3.00	D-CB-42S											1									Use 32"x32" square CB
6D	DUTCHVALLEY	8+27.00	-39	42	956.20	MH	8' DIA	5.81		1																			
6D	DUTCHVALLEY	8+25.00	14	43	955.83	#12	4' DIA	5.88					1																
6D	DUTCHVALLEY	8+96.00	14	45	955.36	#12	4' DIA	5.09					1																
6D	DUTCHVALLEY	9+30.00	19.04	46	954.97	#12	4' DIA	4.55					1																
6D	DUTCHVALLEY	9+44.00	25.91	47	954.83	#12	4' DIA	4.35					1																
6D	DUTCHVALLEY	9+57.00	36.37	48	954.68	#14	8' DIA	4.15						1															
6D	DUTCHVALLEY	9+67.00	49.04	49	955.01	#12	4' DIA	3.91				1																	
6D	OLDBWAY	502+48.00	-22.7	74	955.40	#12	4' DIA	3.00				1																	Includes Grate & Connection to RCBC
7F	I640	142+50.00	-1.7	12	971.85	#41	4X3												1										Const. On Exist. Pipe
7F	I640	143+75.00	-1.16	13	967.50	#41	4X3												1										Const. On Exist. Pipe
7F	RAMP1	12+54.00	12	16	964.86	#51	5'2"X5'2"	4.13														1							
7F	RAMP1	11+52.00	12	17	962.62	#51	5'2"X5'2"	4.39														1							
7F	RAMP1	11+21.00	12	19	962.51	#52	9X9	10.51																			1		
7F	RAMP1	10+90.00	12	20	962.63	#51	5'2"X5'2"	4.39														1							
7F	RAMP1	10+76.00	12	21	962.76	#51	5'2"X5'2"	4.13														1							
7F	BWAY	16+75.00	7	22	968.45	#25	4' DIA	3.88							1														
7F	BWAY	17+35.00	7	23	971.75	#25	4' DIA	8.17									1												
7F	BWAY	17+40.00	-35	24	971.39	#41	5' DIA	8.21										1											
7F	RAMP1	8+80.00	12	25	970.08	#51	5'2"X5'2"	8.38																1					
7F	BWAY	18+00.00	7	26	975.49	#25	4' DIA	5.21								1													
7F	BWAY	18+40.00	76	27	975.50	#42	6' DIA	4.05													1								
7F	BWAY	18+74.00	63.5	28		EX																						1	Cap and Connect to Exist. CB
7F	ADDISON	37+20.00	-14	51	993.79	#12	4' DIA	4.05					1																
7F	ADDISON	39+70.00	-14	52	972.26	#12	4' DIA	4.05					1																
7F	I640	142+06.50	-133	59		PO																							Outlet Stub Into Exist. CB
7F	RAMP2	14+51.00	-70	60	996.50	MH	5' DIA	6.1		1																			
7F	RAMP2	14+60.00	-31	61	973.00	#42	5' DIA	4.05														1							
7F	RAMP2	16+00.00	-40.5	62	963.70	#42	5' DIA	4.05														1							
7F	RAMP2	16+00.00	24.7	63	960.10	MH	5' DIA	8.05			1																		
7F	BWAY	17+46.00	-81	23A	961.60	PO																							Outlet Stub Through Wall
8D	ADDISON	42+15.00	-13.67	53	954.77	#12	4' DIA	4.59					1																
8D	ADDISON	42+62.80	-12	55	N/A	PO	N/A																						Outlet Stub into Prop. 6'x3' RCBC
8D	ADDISON	42+65.70	-12.08	56	953.62	#12	4' DIA	N/A				1																	Includes Grate & Connection to RCBC
8D	ADDISON	42+65.70	11.72	57	953.45	#12	4' DIA	N/A				1																	Includes Grate & Connection to RCBC
8D	RAMP3	12+34.00	8	65	965.46	#51	5'2"X5'2"	4.13														1							
8D	RAMP3	12+22.00	8	66	965.39	#51	5'2"X5'2"	4.3														1							
8D	RAMP3	11+95.00	8	67	965.34	#52	9X9	4.96																	1				
8D	RAMP3	11+68.00	8	68	965.39	#51	5'2"X5'2"	5.43														1							
8D	RAMP3	11+56.00	8	69	965.46	#51	5'2"X5'2"	5.88														1							
8D	RAMP3	10+90.00	2	70		PO																							Outlet Stub Into Exist. 3x12x12 Box
8D	RAMP3	10+40.00	5	71		PO																							Outlet Stub Into Prop. 3x12x12 Box
8D	RAMP3	10+25.00	8	72	967.58	#51	5'2"X5'2"	7.58														1							
8D	RAMP3	9+90.00	8	73	968.60	#51	5'2"X5'2"	4.13														1							
10D	BWAY	20+75.00	7	30	986.19	#25	4' DIA	4.05								1													
10D	BWAY	23+59.00	7	31	987.99	#25	4' DIA	3.88							1														
10D	RAMP1-1	3+15.0000	53	31A	955.5	#42	5' DIA	3.84													1								
10D	RAMP1-1	2+59.5000	30	31B	955.7	#42	5' DIA	4.24														1							Connect To Exist. Pipes
TOTALS										2	1	4	8	1	2	2	1	1	2	7	4	19	1	1	2	1	0	2	

SEALED BY

DONALD D. PARKER
REGISTERED ENGINEER
AGRICULTURE
NUMBER 103505
STATE OF TENNESSEE
01/15/2016

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

SHEET 1 OF 5

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