

SIDE DRAIN TABULATION																			
STATION	LOCATION		DESCRIPTION	SURFACE WIDTH (L.F.)	RCP CLASS III OR CMP 16 GA. OR HDPE (LF) FILL HEIGHT < OR = 10 FT.					PAVEMENT				END TREATMENT					REMARKS
	LT	RT			18"	24"	30"	36"	48"	303-01 MIN. AGG. 4" (TON)	307-01.08 BM-2 1-3/4" (TON)	411-01.10 ASPHALT D MIX 1-1/2" (TON)	701-02 CONCRETE DRIVEWAY 6" (TON)	TYPE	DRAWING NO.	CLASS A CONC 611-07.02 (CY)	REINF STEEL 611-07.02 (LB.)	STRUCT. STEEL 611-07.03 (LB.)	
3+55	X		BUSINESS ENTRANCE	40					34.1	15	12								DUTCH VALLEY ROAD
5+40	X		PRIVATE DRIVE	10					15.2		5.4								DUTCH VALLEY ROAD
8+32	X		BUSINESS ENTRANCE	24					44.8	19.7	15.8								DUTCH VALLEY ROAD (OLD BROADWAY ALLEY)
1+56	X		PRIVATE DRIVE	10					9.5		3.4								OLD BROADWAY ALLEY
56+27		X	PRIVATE DRIVE	10					23.9		8.5								GREENWAY DRIVE
7+03		X	BUSINESS ENTRANCE	40					58.1	25.5	20.5								RELOCATED OLD BROADWAY
5+63		X	BUSINESS ENTRANCE	12					17.5	7.7	6.2								RELOCATED OLD BROADWAY
1+93		X	BUSINESS ENTRANCE	23			X				0.9								RELOCATED OLD BROADWAY; MILL 1-1/4" AND OVERLAY
3+13		X	BUSINESS ENTRANCE	61							7.1								RELOCATED OLD BROADWAY; MILL 1-1/4" AND OVERLAY
TOTALS										203.1	67.9	79.8							

STORM DRAINAGE ENDWALLS													
SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	STRUCTURE TYPE	STANDARD DRAWING	18" ENDWALL 3:1 611-07.54 EACH	18" ENDWALL 4:1 611-07.55 EACH	24" ENDWALL 4:1 611-07.58 EACH	36" ENDWALL 3:1 611-07.63 EACH	CLASS A CONC. 611-07.01 (C.Y.)	REINF. STEEL 611-07.02 (LB.)	STRUC. STEEL 611-07.03 (LB.)
6D	DUTCH VALLEY	8+25.00	25.00	44	24" U 4:1	D-PE-24A			1				
6D	DUTCH VALLEY	5+58.00	34.00	38	18" U 4:1	D-PE-18A		1					
7F	RAMP 2	16+00.00	34.00	64	18" U 3:1	D-PE-18A	1						
8D	I640	142+10.00	-140.00	58	36" U 3:1	D-PE-36A				1			
8D	ADDISON	42+15.00	-17.00	54	24" ST	D-PE-4					1.86	68	
8D	RAMP 3	11+24.00	51.00	75	18" ST	D-PE-4					1.16	40	
8D	RAMP 3	10+93.00	34	76	18" U 3:1	D-PE-18A	1						
TOTALS							2	1	1	1	3.02	108	0

BOX CULVERT TABULATION															
STATION	LOCATION	SPAN	HEIGHT	LENGTH	SKEW	DRAINAGE AREA (ACRES)	BOX CULVERT					CULVERT EXC. 204-01 CU. YD.	DRAWING NO.	BACKFILLING ITEM 303-01.01 DWG. STD-10-1 TONS	FOUNDATION FILL MATERIAL CU. YD.
							BOX		APRON						
							CLASS "A" CONC. CU. YD. 604-01.01	REINF. STEEL LBS. 604-01.02	CLASS "A" CONC. CU. YD. 604-01.01	WIRE FABRIC LBS.	REINF. STEEL LBS. 604-01.02				
152+64	I-640	3 @ 12'	12'	19.00	45°	6140	80.9	16720				804	STD-17-26 STD-17-98	316.7	30.3
7+88	RELOCATED OLD BROADWAY	12.00	6.00	77.00	80	222.00	122.6	23895.2				149	STD-17-56	10062.2	49.5
42+65	ADDISON ROAD	6.00	3.00	31.00	90	367.00	22.9	5622.4				33	STD-17-51	2689.7	13.0
TOTALS							226.4	46,237.6	0	0	0	986		13068.6	92.7

CROSS DRAIN TABULATION																		
LOCATION	CROSS DRAIN STATION	RCP CLASS III (L.F.) FILL HEIGHT < OR = 16 FT.					SKEW	RIP-RAP Class A-1 709-05.06 (TON)	END TREATMENT									REMARKS
		INLET			OUTLET				CLASS A CONC. 611-07.01 (CY)	REINF. STEEL 611-07.02 (LB.)	STRUCT. STEEL 611-07.03 (LB.)							
												18"	24"	30"	36"	48"	TYPE	
RAMP 3	14+72.00				115		90	N/A	A	D-PE-1	-63.30	A	D-PE-1	49.60	7.78	146.00	N/A	
RAMP 3	22+00.00				133		90	N/A	A	D-PE-1	51.40	A	D-PE-1	-79.80	7.78	146.00	N/A	
TOTALS	TOTALS	0	0	0	248	0		0							15.56	292	0	

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-I-640-7(161)	2-0

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

