

ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE. 80/94	SECTION 2626.2-R-2	COUNTY COOK/LAKE	TOTAL SHEETS 1207	SHEET NO. 280
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

DRAINAGE STRUCTURE SCHEDULE

ID	PAY ITEM	STA	OFF	T/FRAME ELEV	INVERT ELEV				UND DR
					N	S	E	W	
A108	SL O FB CHK VALV 600	7+965.87	-103.71						
A109	MANHOLE C4 (IN)	7+974.02	-41.27	182.000	179.500		179.531		
A110	SEWER OUTFL SEP (IN)	7+995.00	-30.00	181.643		179.780		179.772	
A111	INL T HA MOD (IN)	7+995.00	-25.16	184.640	179.820	179.820			E
A112A	INL T H SPL (IN)	7+995.00	0.00	184.114 N	180.008	181.980	182.110		E
A112B	SEE PREVIOUS			184.094 S					
A113	INL T HA MOD (IN)	7+995.00	25.16	183.577	182.100		182.260		E
A114	INL T HA MOD (IN)	8+100.00	-29.18	181.850					S
A115	INL T HA SPL (IN)	8+050.00	-1.29	184.720			182.700	182.660	E
A116	INL T HA MOD (IN)	8+050.00	25.16	184.249				182.800	E
A117	INL T HA MOD (IN)	8+110.00	-25.16	185.969		184.550			E
A118A	INL T H SPL WSD (IN)	8+110.00	0.00	185.837 N	184.080	183.880	184.160	183.750	E
A118B	SEE PREVIOUS			185.713 S					
A120	INL T HA MOD (IN)	8+110.00	25.16	185.502	184.000		184.125		E
A121	INL T HA MOD (IN)	8+181.00	-25.16	187.381		185.843			
A122A	INL T H SPL (IN)	8+181.00	0.00	187.458 N	185.719			185.660	
A122B	SEE PREVIOUS			187.213 S					
A123	INL T HA MOD (IN)	8+185.00	25.16	187.204				185.250	
A130	PIPE END SCT 600 (IN)	8+260.00	-31.25	182.500		182.832			
A131	DROP MANHOLE C2 (IN)	8+260.00	-25.16	189.149	183.100	187.040			E
A132	INL T HA MOD (IN)	8+272.00	25.16	189.024	187.710				E
A133A	INL T H SPL (IN)	8+272.00	0.00	189.499 N	187.300	187.567	187.540		E
A133B	SEE PREVIOUS			189.092 S					
A134	INL T HA MOD (IN)	8+330.00	-25.16	190.449		189.050			E
A135	INL T HA SPL WSD (IN)	8+330.00	1.29	190.216	188.815	188.904	188.732	188.700	E
B135	INL T HA MOD (IN)	8+330.00	25.16	190.314	189.014				
A136	INL T HA MOD (IN)	8+392.00	-25.16	191.214		189.850			
A137	INL T HA SPL WSD (IN)	8+392.00	1.29	191.168	189.659			189.600	
A140	PIPE END SCT 600 (IN)	8+498.00	28.69	179.989			179.015		
A141	MANHOLE C4 (IN)	8+555.00	29.00	180.659			179.500	179.300	
A142	DROP MANHOLE C4 (IN)	8+615.03	29.28	187.052	185.050			181.607	
A143	INL T HA MOD (IN)	8+615.00	-25.16	191.289		190.100			
A144	INL T HA SPL (IN)	8+615.00	1.29	191.346	189.932	187.643	187.703		
A145	DROP MANHOLE C2 (IN)	8+616.00	25.16	191.976	187.518	185.158			
A146	INL T HA MOD (IN)	8+665.00	-25.16	190.530		189.300			W
A147	INL T HA SPL WSD (IN)	8+665.00	1.29	190.670	189.132		187.847	187.817	W
A148	INL T HA MOD (IN)	8+718.00	-25.16	189.600		188.250			W
A149	INL T HA SPL WSD (IN)	8+718.00	1.29	189.736	188.087	188.436		188.027	W
B149	INL T HA MOD (IN)	8+718.00	25.16	190.465	189.165				
A150	CONC HDWL FOR P DRAIN	8+700.00	-30.80	185.700					S
A155	INL T HA MOD (IN)	8+800.00	-27.14	187.552		186.200			
A156	INL T HA SPL (IN)	8+800.00	1.29	187.707	185.934		185.569		
A157	INL T HA MOD (IN)	8+875.01	-27.14	185.321		183.984			W
A158	INL T HA SPL WSD (IN)	8+875.00	1.29	185.642	183.654	184.342	183.550	183.694	W
B158	INL T HA MOD (IN)	8+875.00	25.16	186.288	184.988				
A159	INL T HA MOD (IN)	20+598.00	2.48	183.340		181.950			W
A160	MANHOLE C2 (IN)	8+950.00	-20.40	183.623	181.800		181.780		W
A161A	INL T H SPL (IN)	8+950.00	0.00	183.976 N		182.450	181.890	181.900	
A161B	SEE PREVIOUS			183.794 S					W
A162	INL T HA MOD (IN)	8+945.00	25.16	184.440	182.646				W
A163	INL T HA SPL WSD (IN)	9+005.00	1.29	182.893			181.175	181.175	
A164	INL T HA MOD (IN)	20+534.00	2.48	182.284		180.908			W
A165	MANHOLE C2 WSD (IN)	9+015.50	-21.84	182.573	180.861		180.861	181.000	W
A166	INL T HA MOD (IN)	20+495.25	2.48	181.963		180.828			W
A167	MANHOLE C2 WSD (IN)	9+055.00	-22.02	182.260	180.763		180.762	180.762	W
A168A	INL T H SPL (IN)	9+055.00	0.00	182.687 N		181.140	180.600	180.675	W
A168B	SEE PREVIOUS			182.419 S					
A170	INL T HA MOD (IN)	30+100.00	2.48	182.866	181.400				W
A172	MANHOLE C2 WSD (IN)	9+098.00	-22.26	182.119			180.655	180.655	W
A173	INL T HA SPL (IN)	9+100.00	1.29	182.245			180.420	180.420	

DRAINAGE STRUCTURE SCHEDULE

ID	PAY ITEM	STA	OFF	T/FRAME ELEV	INVERT ELEV				UND DR
					N	S	E	W	
A176	INL T HA MOD WSD (IN)	0+040.00	-3.25	182.127			180.700		E
A177	MANHOLE C4 (IN)	0+057.54	-3.65	181.926			180.532	180.532	
A178A	INL T H SPL (IN)	9+144.45	22.56	182.261 N	180.558			180.562	W
A178B	SEE PREVIOUS			181.977 S					
A180	INL T HA MOD (IN)	30+170.00	2.48	182.499			181.145		W
A181A	INL T H SPL (IN)	9+150.00	0.00	182.393 N			180.220	180.220	W
A181B	SEE PREVIOUS			182.094 S					
A183	MANHOLE C2 WSD (IN)	9+171.50	21.72	182.553		180.529	180.500		W
A184	INL T HA MOD (IN)	30+219.00	2.48	182.287			180.850	180.900	W
A185	INL T HA MOD WSD (IN)	30+225.25	2.48	182.276	180.600		180.866	180.719	
A186	INL T HA MOD (IN)	30+232.00	2.48	182.288				180.900	
A187	INL T HA SPL (IN)	9+186.00	1.29	182.008			180.112	180.112	
A188	INL T HA SPL WSD (IN)	9+190.00	1.29	182.007		180.062	180.200	180.092	
A189	INL T HA MOD (IN)	9+194.00	1.29	182.008				180.220	
A190	MANHOLE D2 (IN)	9+191.50	21.27	182.526	180.000		180.000	180.399	W
A191	INL T HA MOD (IN)	9+210.00	-21.48	181.776			180.486		
A192	MANHOLE D2 (IN)	9+212.00	21.27	182.472		180.668	179.927	179.927	W
A193	INL T HA MOD (IN)	30+280.00	2.40	182.219	180.900				W
A196A	INL T H SPL (IN)	9+235.00	0.00	182.138 N			180.154		W
A196B	SEE PREVIOUS			182.108 S					
A197	MANHOLE D4 (IN)	0+163.50	-5.00	181.914	180.172	180.205	180.154	180.162	
A198	INL T HA MOD (IN)	9+252.00	-21.27	181.655	180.270		180.303	180.361	
A199	INL T HA MOD WSD (IN)	9+256.50	-21.27	181.645			180.326	180.326	
A200A	INL T H SPL (IN)	9+261.00	22.56	182.157 N				180.348	E/W
A200B	SEE PREVIOUS			181.657 S					
A201	INLET TYPE HA (IN)	0+163.50	-16.58	181.431		180.230			
A202	MANHOLE D4 (IN)	0+180.00	-13.48	182.004			E180.08	180.080	
A203	INL T HA MOD (IN)	9+265.90	-1.29	182.064			179.844	179.844	W
A204	INL T HA MOD WSD (IN)	9+269.50	-1.29	182.063		179.824	179.824	179.824	
A205	INL T HA MOD (IN)	9+273.50	-1.29	182.064			179.844		E
A206	MANHOLE D2 (IN)	9+269.50	21.27	182.596	179.718		179.718	179.723	
A207A	INL T H SPL (IN)	9+300.00	-22.56	181.831 N			179.977		
A207B	SEE PREVIOUS			181.879 S					
A208	MANHOLE E4 (IN)	9+341.83	-21.48	182.010	E179.67	E179.67	180.264	179.726	W
A209	MANHOLE E4 (IN)	9+340.68	21.48	182.268	E179.55	E179.55	180.035	179.550	W
A210A	INL T H SPL (IN)	9+345.00	0.00	182.108 N		180.300	180.325		
A210B	SEE PREVIOUS			182.109 S					
A211A	INL T H SPL (IN)	9+345.00	22.56	182.224 N	180.201		180.605	180.350	
A211B	SEE PREVIOUS			182.176 S					
A212	INL T HA SPL (IN)	9+364.50	-21.27	181.989			180.430	180.400	W
A213A	INL T H SPL WSD (IN)	9+368.50	-22.53	181.940 N			180.480	180.450	
A213B	SEE PREVIOUS			181.988 S					
A214	INL T HA SPL (IN)	9+372.50	-21.27	181.996			180.490	180.500	E
A215	INL T HA MOD WSD (IN)	9+370.00	-1.29	182.035			180.605	180.600	W
A216	INL T HA MOD WSD (IN)	9+370.00	1.29	182.036			180.490	180.450	
A217A	INL T H SPL (IN)	9+392.00	0.00	182.029 N				180.730	W
A217B	SEE PREVIOUS			182.032 S					
A218A	INL T H SPL (IN)	9+369.00	22.56	182.085 N			E180.60	180.585	W
A218B	SEE PREVIOUS			182.037 S					
A220	CONC HDWL FOR P DRAIN	8+870.00	-33.60	181.300					S
A221	CONC HDWL FOR P DRAIN	8+900.00	31.25	182.600					N
A222	INL T HA MOD (IN)	9+000.00	-35.80	181.450					S
A223	CONC HDWL FOR P DRAIN	9+025.00	33.90	181.300					N

IN STRUCTURE PAY ITEMS:

- SEWER OUTFL SEP (IN) =  
SEWER OUTFALL SEPARATOR SYSTEM (INDIANA) \*
- INL TYPE HA (IN) =  
INLET TYPE HA (INDIANA)
- INL T HA MOD (IN) =  
INLET TYPE HA, (MODIFIED) (INDIANA)
- INL T HA MOD WSD (IN) =  
INLET TYPE HA, (MODIFIED) WITH SLOTTED DRAIN (INDIANA)
- INL T HA SPL (IN) =  
INLET TYPE HA, (SPECIAL) (INDIANA)
- INL T HA SPL WSD (IN) =  
INLET TYPE HA (SPECIAL) WITH SLOTTED DRAIN (INDIANA)
- INL T H SPL (IN) =  
INLET TYPE H, (SPECIAL) WITH SLOTTED DRAIN (INDIANA)
- INL T H SPL WSD (IN) =  
INLET TYPE H, (SPECIAL) (INDIANA)
- MANHOLE (XX) (IN) =  
MANHOLE, (SIZE GRATE) (INDIANA)
- DROP MANHOLE C2 (IN) =  
DROP MANHOLE, C2 (INDIANA)
- MANHOLE C2 WSD (IN) =  
MANHOLE, C2 WITH SLOTTED DRAIN (INDIANA)
- PIPE END SCT 600 (IN) =  
PIPE END SECTION 600 mm (INDIANA)
- \* SEE SPECIAL PROVISION

- NOTE:  
1. UND DR = DIRECTION OF UNDER DRAIN CONNECTION  
2. FOR "D" SEE SHEET 291

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-80/94/US 6  
KINGERY-BORMAN EXPRESSWAY  
BURNHAM ROAD TO US 41

**DRAINAGE SCHEDULE**

SCALE: DATE 07/05 DRAWN BY ACE/CAD  
CHECKED BY TAE

**AMERICAN**  
CONSULTING ENGINEERS

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