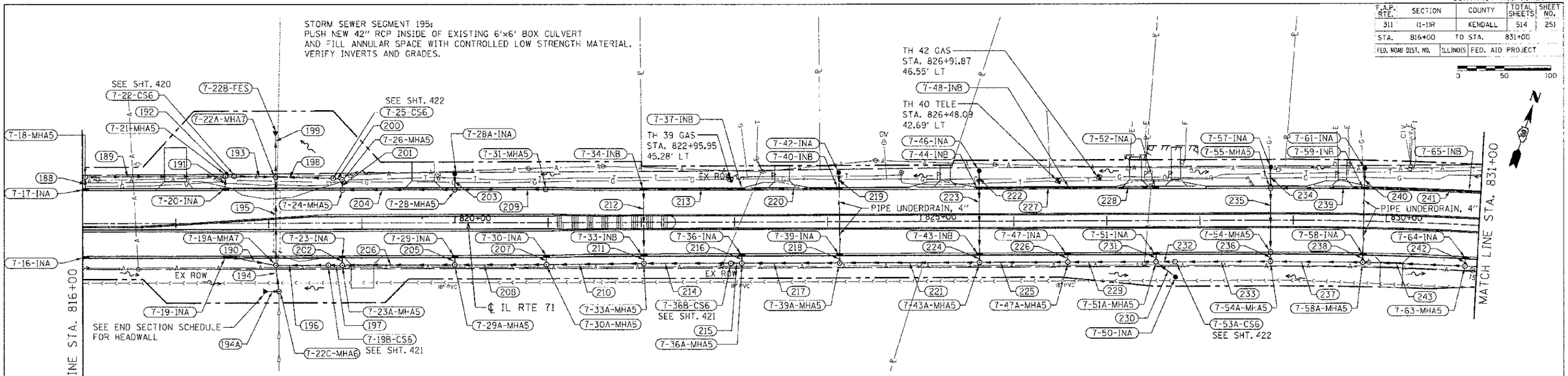
CONTRACT NO. 66420

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)R	KENDALL	514	251
STA.	816+00	TO STA.	831+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	ROUTE	STRUCTURE TYPE	CASTING	RIM ELEVATION	NORTH INVERT	SOUTH INVERT	EAST INVERT	WEST INVERT	COMMENTS
7-16-IN A	816+03.50	35.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	651.44				648.14	
7-17-IN A	816+03.31	35.00' LT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	651.44	646.40				
7-18-MH A	816+03.01	49.61' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	649.80		646.30	642.92	642.92	
7-19-IN A	817+53.50	35.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	652.10			648.10		
7-19A-MH A	818+07.72	45.00' RT		MANHOLE, TYPE A, 7' DIAMETER	TYPE 1 FRAME, CLOSED LID	650.70	642.74	642.80	642.63	647.80	
7-19B-CS6	818+63.67	45.00' RT		CONTROL STRUCTURE, 6' DIAMETER	TYPE 1 FRAME, CLOSED LID	651.50			642.68	642.88	
7-20-IN A	817+53.57	35.00 LT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	652.10	647.80				
7-21-MH A	817+53.51	50.31' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	651.00		647.70	641.75	641.75	
7-22-CS6	817+62.98	50.34' LT.		CONTROL STRUCTURE, 6' DIAMETER	TYPE 1 FRAME, CLOSED LID	651.32			641.72	641.72	
7-22A-MH A	818+07.71	49.29' LT.		MANHOLE, TYPE A, 7' DIAMETER	TYPE 1 FRAME, CLOSED LID	649.35	630.89	642.05	645.45	641.41	
7-22B-FES	818+07.71	92.82' LT.		PRC FLARED END SECTION, 42				630.84			
7-22C-MHA6	818+10.77	72.84'RT.		MANHOLE, TYPE A, 6' DIAMETER	TYPE 1 FRAME, CLOSED LID	648.45	643.04	643.22		643.24	
7-23-IN A	818+79.25	35.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	652.66		649.16			
7-23A-MH A	818+78.87	45.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	651.80	649.06		642.92	642.92	
7-24-MH A	818+79.18	35.00' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	652.66	645.75		645.79		
7-25-CS6	818+69.45	47.84 LT.		CONTROL STRUCTURE, 6' DIAMETER	TYPE 1 FRAME, CLOSED LID	651.40			645.72	645.72	
7-26-MH A	818+79.03	46.24' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	652.00		645.75		645.75	
7-28-MH A	819+99.68	35.00' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	653.20	648.41		646.99	646.99	
7-28A-IN A	820+00.00	52.27' LT.		INLET, TYPE A	TYPE 8 GRATE	650.70		648.53			
7-29-IN A	819+99.88	35.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	653.20		649.70			
7-29A-MH A	819+99.66	45.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	653.20	649.60		643.45	643.45	
7-30-IN A	820+97.72	35.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	653.63		650.13			
7-30A-MH A	820+98.11	45.00 ' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	654.03	650.03		643.87	643.87	
7-31-MH A	820+97.72	35.00' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	653.63				647.50	
7-33-IN B	822+02.72	34.00' RT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	654.10	649.43	649.33			
7-33A-MH A	822+02.69	44.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	654.60	649.30		644.32	644.32	
7-34-IN B	822+02.72	34.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	654.10		649.76	649.86		
7-36-IN A	823+07.72	34.00RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	654.56		651.06			
7-36A-MH A	823+07.84	44.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	655.00	650.96		644.75	644.75	
7-36B-CS6	822+95.99	44.00' RT		CONTROL STRUCTURE, 6' DIAMETER	TYPE 1 FRAME, CLOSED LID	655.00			644.72	644.72	
7-37-IN B	823+07.72	34.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	654.56			650.47	650.37	
7-39-IN A	824+12.72	34.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	655.03		651.53			
7-39A-MH A	824+12.90	44.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	655.53	651.43		645.20	645.20	
7-40-IN B	824+12.69	34.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	655.03	651.08			650.98	
7-42-IN A	824+12.17	52.57' LT.		INLET, TYPE A	TYPE 8 GRATE	653.28		651.25			
7-43-IN B	825+62.92	34.00' RT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	656.70	649.96	649.86			
7-43A-MH A	825+62.91	44.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	656.70	649.62		645.85	645.85	
7-44-IN B	825+62.92	34.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	655.70	650.39	650.28	651.18		
7-46-IN A	825+62.89	53.65' LT		INLET, TYPE A	TYPE 8 GRATE	652.64		650.46			
7-47-IN A	826+57.57	34.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	656.12		652.62			
7-47A-MH A	826+57.84	44.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	656.12	652.52		646.26	646.26	
7-48-IN B	826+57.57	34.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	656.12			651.75	651.65	
7-50-IN A	827+73.48	60.45' RT.		INLET, TYPE A	TYPE 8 GRATE	650.00				648.17	
7-51-IN A	827+52.57	34.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	656.54		653.04			
7-51A-MH A	827+52.57	44.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	655.80	652.94	648.03	646.67	646.67	
7-52-IN A	827+52.57	34.00' LT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	656.54				652.54	
7-53A-CS6	827+73.00	44.00' RT		CONTROL STRUCTURE, 6' DIAMETER	TYPE 1 FRAME, CLOSED LID	655.50			647.60	646.74	
7-54-MH A	828+76.04	34.00' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	657.03	649.05	648.95			
7-54A-MH A	828+75.54	44.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	656.29	649.92		648.34	648.34	
7-55-MH A	828+75.94	34.00' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	657.08	649.47	649.37	650.73		
7-57-IN A	828+76.03	56.62' LT.		INLET, TYPE A	TYPE 8 GRATE	651.90		649.66			
7-58-IN A	829+75.90	34.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	657.53		654.03			
7-58A-MH A	829+75.75	44.00' RT		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	656.73	653.93		648.86	648.86	
7-58-IN B	829+75.91	34.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	657.53	651.41		653.06	651.21	
7-61-IN A	829+75.91	56.27' LT.		INLET, TYPE A	TYPE 8 GRATE	653.75		651.51			
7-63-MH A	830+86.95	45.05' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 8 GRATE	655.60	651.98		649.44	649.44	
7-64-IN A	830+87.07	34.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	658.02		652.08			
7-65-IN B	830+87.11	34.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	658.02			653.84	653.54	

STORM SEWER SCHEDULE

SEGMENT	SIZE		LENGTH		GRADE
188	12 " SS	X	10.1 '	@	0.99 %
189	36 " SS	X	145.5 '	@	0.80 %
190	12 " SS	X	50.0 '	@	0.60 %
191	12 " SS	X	10.8 '	@	0.93 %
192	36 " SS	X	4.0 '	@	0.75 %
193	36 " SS	X	38.3 '	@	0.81 %
194	42 " SS	X	21.3 '	@	1.13 %
194A	30 " SS	X	8.0 '	@	23.4 %
195	42 " SS	X	87.3 '	@	0.79 %
196	36 " SS	X	49.6 '	@	0.10 %
197	36 " SS	X	9.5 '	@	0.42 %
198	24 " SS	X	55.2 '	@	0.49 %
199	42 " SS	X	40.0 '	@	0.12 %
200	24 " SS	X	4.2 '	@	0.71 %
201	24 " SS	X	4.7 '	@	0.64 %
202	12 " SS	X	5.5 '	@	1.82 %
203	12 " SS	X	11.6 '	@	1.02 %
204	24 " SS	X	115.7 '	@	1.05 %
205	12 " SS	X	5.5 '	@	1.82 %
206	36 " SS	X	115.8 '	@	0.46 %
207	12 " SS	X	5.5 '	@	1.82 %
208	36 " SS	X	93.5 '	@	0.45 %
209	24 " SS	X	92.8 '	@	0.55 %
210	36 " SS	X	99.6 '	@	0.45 %
211	15 " SS	X	4.5 '	@	0.67 %
212	15 " SS	X	68.0 '	@	0.49 %
213	12 " SS	X	102.0 '	@	0.50 %
214	36 " SS	X	87.8 '	@	0.46 %
215	36 " SS	X	6.4 '	@	0.47 %
216	12 " SS	X	5.5 '	@	1.82 %
217	36 " SS	X	100.1 '	@	0.45 %
218	12 " SS	X	5.5 '	@	1.82 %
219	12 " SS	X	13.6 '	@	1.25 %
220	12 " SS	X	102.0 '	@	0.50 %
221	36 " SS	X	145.0 '	@	0.45 %
222	12 " SS	X	15.7 '	@	0.45 %
223	15 " SS	X	68.0 '	@	0.47 %

STORM SEWER SCHEDULE

SEGMENT	SIZE		LENGTH		GRADE
224	15 " SS	X	4.5 '	@	0.89 %
225	36 " SS	X	89.9 '	@	0.46 %
226	12 " SS	X	5.5 '	@	1.82 %
227	12 " SS	X	91.6 '	@	0.51 %
228	12 " SS	X	92.5 '	@	0.85 %
229	36 " SS	X	89.7 '	@	0.46 %
230	12 " SS	X	23.1 '	@	0.61 %
231	12 " SS	X	5.5 '	@	1.82 %
232	36 " SS	X	14.9 '	@	0.47 %
233	24 " SS	X	97.0 '	@	0.56 %
234	12 " SS	X	17.2 '	@	0.52 %
235	24 " SS	X	68.0 '	@	0.47 %
236	24 " SS	X	3.0 '	@	1.00 %
237	24 " SS	X	94.0 '	@	0.55 %
238	12 " SS	X	5.5 '	@	1.82 %
239	18 " SS	X	96.7 '	@	0.50 %
240	12 " SS	X	18.3 '	@	0.55 %
241	15 " SS	X	109.2 '	@	0.44 %
242	12 " SS	X	5.5 '	@	1.82 %
243	24 " SS	X	105.0 '	@	0.55 %

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
STA. 816+00 TO STA. 831+00

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE 7/5/2012

DRAWN BY RLH
CHECKED BY MED

TUE PROJ1 *3/05/14
PLOT DATE 7/5/2012
FILE NAME c:\pwworking\dot\d0411001\d0411001_dr03.dgn