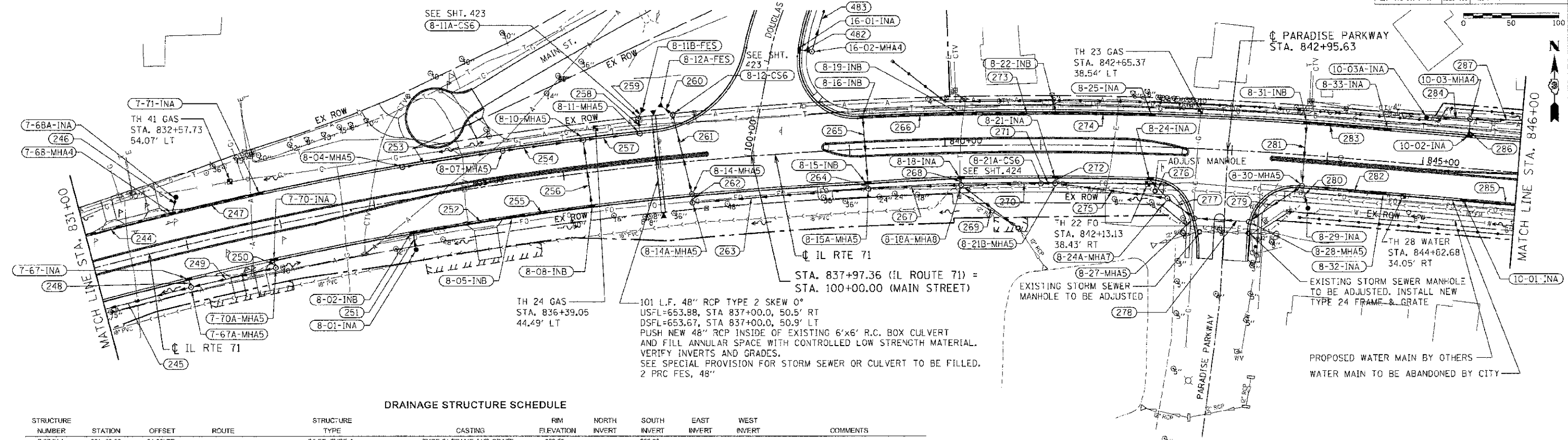


F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311 (1-1R)	KENDALL	514	253
STA. 831+00	TO STA. 846+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

FOR CONTINUATION OF DOUGLAS ST.  
SEE SHEET 268



DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	ROUTE	STRUCTURE TYPE	CASTING	RIM ELEVATION	NORTH INVERT	SOUTH INVERT	EAST INVERT	WEST INVERT	COMMENTS
7-67-INA	831+63.33	34.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	658.50		655.00			
7-67A-MH A	831+63.77	44.00' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	657.80	654.90		650.01	650.01	
7-68-MH A	831+62.63	34.00' LT.		MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	658.50	654.19		654.19	654.09	
7-68A-INA	832+00.00	50.69' LT.		INLET, TYPE A	TYPE 8 GRATE	656.43		654.26			
7-70-INA	832+85.22	34.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	658.91		655.41			
7-70A-MH A	832+85.60	44.00' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	658.51	655.51		650.49	650.49	
7-71-INA	832+85.42	34.00' LT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	658.50		654.90			
8-01-INA	834+36.06	53.14' RT.		INLET, TYPE A	TYPE 8 GRATE	657.36	655.88				
8-02-INA	834+34.96	34.00' RT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	659.57		655.80	655.50		
8-04-MH A	834+35.49	34.00' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	659.57		654.81	654.81		
8-05-INA	835+41.18	34.00' RT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	660.04		654.93	655.05		
8-07-MH A	835+40.94	34.00' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	660.04		654.14	654.14	654.14	
8-08-INA	836+25.51	34.00' RT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	660.42	654.57		654.67	654.67	
8-10-MH A	836+25.02	34.00' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	660.41		654.28	653.86	653.86	
8-11-MH A	836+84.03	34.00' LT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	660.67	663.75		653.75	653.75	
8-11A-CS6	836+84.03	48.87' LT.		CONTROL STRUCTURE, 8' DIAMETER	TYPE 1 FRAME, CLOSED LID	658.60	653.68	653.73			
8-11B-FES	836+87.03	54.73' LT.		PRC FLARED END SECTION, 36'				653.67			
8-12-CS6	837+19.88	49.82' LT.		CONTROL STRUCTURE, 8' DIAMETER	TYPE 1 FRAME, CLOSED LID	659.50	653.69	653.73			
8-12A-FES	837+11.15	58.12' LT.		PRC FLARED END SECTION, 30'				653.67			
8-14-MH A	837+31.47	34.00' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	660.89	653.93	653.93			
8-14A-MH A	837+31.62	43.00' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	660.19	653.84		653.84		
8-15-INA	839+17.74	41.14' RT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	661.71	657.61	657.61			
8-15A-MH A	839+17.74	41.14' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	662.11	657.50		654.39	654.39	
8-16-INA	839+15.46	32.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	661.74		657.82	657.92		
8-16-INA	840+15.97	32.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	662.19		655.17			
8-18A-MH A	840+15.96	40.83' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	662.59	655.07	655.17	654.82	654.82	
8-19-INA	840+15.97	32.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	662.19		658.51	658.41		
8-21-INA	841+15.37	32.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	662.63		659.13			
8-21A-CS6	841+00.21	39.86' RT.		CONTROL STRUCTURE, 6' DIAMETER	TYPE 1 FRAME, CLOSED LID	662.97		656.20	654.82	654.82	
8-21B-MH A	841+15.36	39.53' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 1 FRAME, CLOSED LID	663.03	669.03		656.23	656.23	
8-22-INA	841+15.37	32.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	662.83		659.09	658.99		
8-24-INA	842+15.5	32.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	663.07		659.57			
8-24A-MH A	842+34.35	52.91' RT.		MANHOLE, TYPE A, 7' DIAMETER	TYPE 1 FRAME, CLOSED LID	663.20	658.44	658.52	658.52	658.52	
8-25-INA	842+15.60	32.00' LT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	663.08		659.58	659.58		
8-27-MH A	842+64.00	72.22' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	663.04	658.80		658.60	658.60	
8-28-MH A	843+22.03	73.23' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	663.11	658.73		658.73	658.73	
8-29-INA	843+83.77	54.74' RT.		INLET, TYPE A	TYPE 8 GRATE	663.60	660.02				
8-30-MH A	843+75.88	32.00' RT.		MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	663.79	668.85	659.92	659.50	658.92	
8-31-INA	843+75.88	32.00' LT.		INLET, TYPE B	TYPE 24 FRAME AND GRATE	663.79		680.16	680.26		
8-32-INA	844+61.02	32.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	664.16			680.16	680.16	
8-33-INA	844+61.02	32.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	664.16			680.66	680.66	
10-01-INA	845+46.02	32.00' RT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	664.54			681.04	681.04	
10-02-INA	845+46.02	32.00' LT.		INLET, TYPE A	TYPE 24 FRAME AND GRATE	664.54	660.21				
10-03-MH A	845+45.82	51.00' LT.		MANHOLE, TYPE A, 4' DIAMETER	TYPE 1 FRAME, CLOSED LID	662.94		680.13	680.03	680.23	
10-03A-INA	845+00.00	48.71' LT.		INLET, TYPE A	TYPE 8 GRATE	663.52			680.43	680.43	
16-01-INA	101+18.54	27.47' RT.	DOUGLAS ST.	INLET, TYPE A	TYPE 24 FRAME AND GRATE	658.58			656.11	656.11	
16-02-MH A	101+20.04	36.64' RT.	DOUGLAS ST.	MANHOLE, TYPE A, 4' DIAMETER	TYPE 1 FRAME, CLOSED LID	659.00	656.91		656.01	656.01	

STORM SEWER SCHEDULE

SEGMENT	SIZE	LENGTH	GRADE
244	15" SS X	102.2' @	0.44 %
245	24" SS X	101.0' @	0.55 %
246	12" SS X	13.2' @	0.53 %
247	12" SS X	90.4' @	0.79 %
248	12" SS X	5.5' @	1.82 %
249	24" SS X	85.8' @	0.55 %
250	12" SS X	5.5' @	1.82 %
251	12" SS X	14.7' @	0.54 %
252	12" SS X	102.3' @	0.46 %
253	24" SS X	101.4' @	0.66 %
254	36" SS X	79.8' @	0.35 %
255	15" SS X	80.6' @	0.32 %
256	15" SS X	68.0' @	0.31 %
257	36" SS X	54.6' @	0.20 %
258	36" SS X	7.9' @	0.25 %
259	36" SS X	2.7' @	0.37 %
260	30" SS X	9.1' @	0.22 %
261	30" SS X	81.0' @	0.25 %
262	30" SS X	2.5' @	0.40 %
263	30" SS X	179.1' @	0.25 %
264	15" SS X	2.7' @	0.37 %
265	15" SS X	65.0' @	0.32 %
266	12" SS X	98.3' @	0.50 %
267	30" SS X	90.7' @	0.25 %
268	12" SS X	2.5' @	4.00 %

STORM SEWER SCHEDULE

SEGMENT	SIZE	LENGTH	GRADE
269	12" SS X	70.0' @	0.47 %
270	30" SS X	76.4' @	0.26 %
271	30" SS X	9.5' @	0.32 %
272	12" SS X	3.0' @	3.33 %
273	12" SS X	97.2' @	0.49 %
274	12" SS X	98.5' @	0.50 %
275	30" SS X	112.3' @	0.26 %
276	12" SS X	22.5' @	0.58 %
277	30" SS X	30.5' @	0.26 %
278	30" SS X	57.0' @	0.23 %
279	30" SS X	61.0' @	0.31 %
280	12" SS X	18.5' @	0.54 %
281	12" SS X	64.0' @	0.47 %
282	12" SS X	61.5' @	0.81 %
283	12" SS X	83.0' @	0.49 %
284	12" SS X	42.9' @	0.47 %
285	12" SS X	122.2' @	0.75 %
286	12" SS X	15.0' @	0.53 %
287	12" SS X	100.3' @	0.44 %
482	12" SS X	5.2' @	1.92 %
483	12" SS X	60.9' @	5.78 %

(2) DETERMINE ACTUAL UPSTREAM INVERT IN FIELD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE PLAN**  
**STA. 831+00 TO STA. 846+00**  
SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 7/5/2012  
DRAWN BY RLH  
CHECKED BY MED