

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5952	Q-BR	GRUNDY	86	27
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		


STR. NO.	LOCATION STATION - OFFSET	STRUCTURE TYPE AND CASTING	FINAL RIM EL.	INVERT ELEVATION(S)	ADJUST	ADJUST W/ NEW T8G	STAGE 1 RIM EL.	NOTES
1	449+18.16 35.74' RT	PRC FLAR END SEC 36	N/A	527.15				
2	448+87.41 15.00' RT	RD MAN TA 6' TIF CL	538.58	527.77SW, 527.67SE	1		538.76	
3	448+47.00 28.00' RT	RD MAN TA 6' TIF CL	538.03	527.88E, 533.43S, 530.29W, 532.65N	1		538.87	
4	447+50.00 28.00' RT	RD MAN TA 6' TIF CL	538.32	530.57E, 533.72S, 530.59W	1		539.16	
5	446+50.00 28.00' RT	RD MAN TA 6' TIF CL	538.99	530.87E, 530.89W		1	539.83	
6	445+45.00 28.00' RT	RD MAN TA 6' TIF CL	540.74	531.18E, 535.05W		1	541.58	
7	443+45.00 28.00' RT	MAN TA 5' TIF CL	546.42	537.66E, 537.74W	1		547.05	
8	442+65.00 37.79' RT	RD MAN TA 5' TIF CL	551.00	545.10W, 538.90E				
10	448+45.60 36.00' RT	IN TA TIF OL	537.55	533.47N		1	538.71	
11	447+50.00 36.00' RT	IN TA TIF OL	537.84	533.76N		1	539.00	
12	448+94.26 36.00' LT	IN TA TIF OL	538.40	533.40S				
201	450+10.77 27.00' RT	PRC FLAR END SEC 24	N/A	527.15				
202	450+78.24 28.00' RT	MAN TA 5' TIF CL	537.17	527.33E, 527.32W	1		538.01	
203	452+00.00 28.00' RT	MAN TA 5' TIF CL	535.75	527.70E, 528.84S, 527.68W	1		536.59	
204	453+35.00 28.00' RT	MAN TA 5' TIF CL	534.66	528.11E, 528.99S, 528.09W	1		535.50	
205	454+25.00 28.00' RT	MAN TA 5' TIF CL	534.86	528.38E, 529.27S, 528.36W	1		535.70	
206	455+35.00 28.00' RT	MAN TA 5' TIF CL	535.30	528.71E, 529.60S, 528.69W	1		536.14	
207	456+45.00 28.00' RT	MAN TA 5' TIF CL	535.75	529.04E, 529.93S, 529.02W	1		536.59	
208	457+55.00 28.00' RT	MAN TA 5' TIF CL	536.33	529.41E, 529.78S, 529.35W				
209	458+65.00 28.00' RT	MAN TA 4' TIF CL	537.39	532.64E, 531.43S, 531.13W				
210	460+10.00 28.00' RT	MAN TA 4' TIF CL	540.00	535.07SE, 534.97W				
211	452+00.00 36.00' RT	IN TA TIF OL	535.27	528.88N		1	536.43	
212	453+35.00 36.00' RT	IN TA TIF OL	534.18	529.03N		1	535.34	
213	454+25.00 36.00' RT	IN TA TIF OL	534.38	529.31N		1	535.54	
214	455+35.00 36.00' RT	IN TA TIF OL	534.82	529.64N		1	535.98	
215	456+45.00 36.00' RT	IN TA TIF OL	535.33	529.97N		1	536.49	
216	457+55.00 36.00' RT	IN TA T8G	535.91	529.82N				
217	458+65.00 36.00' RT	IN TA T8G	536.97	531.48N				
218	450+65.21 50.16' LT	END SECTIONS 24	N/A	527.86				
219	453+00.00 42.73' LT	END SECTIONS 24	N/A	529.50				
220	460+15.00 32.17' RT	MAN TA 4' TIF CL	540.00	537.19E, 535.12NW				
221	460+22.73 32.24' RT	END SECTIONS 18	N/A	537.30				
F01	449+78.77 53.94' LT	END SECTIONS 24	N/A	527.10				
F02	447+75.00 53.94' LT	END SECTIONS 24	N/A	528.50				

\*NOTE: MATCH EXISTING SEWER INVERT ELEVATION

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE ( % )	TRENCH BACKFILL ( CU. YD. )	STORM SEWER TYPE	NOTES
008	007	75.5	24	1.35%	108.0	SS CL A 2	
007	006	194.4	42	1.35%	162.9	SS CL A 1	
006	005	99.0	48	0.30%	124.7	SS CL A 1	
005	004	94.0	48	0.30%	94.0	SS CL A 1	
004	003	91.0	48	0.30%	86.3	SS CL A 1	
003	002	36.4	48	0.31%	57.8	SS CL A 1	**
002	001	26.4	36	1.50%	43.3	SS D I P CL 52	**
012	003	75.5	12	1.00%	21.6	SS CL A 1	**
011	004	4.0	12	1.00%	0.6	SS CL A 1	
010	003	4.1	12	1.00%	0.6	SS CL A 1	
210	209	141.0	18	1.65%	28.8	SS CL A 2	
209	208	105.5	18	1.65%	43.8	SS CL A 2	
208	207	105.0	21	0.30%	78.5	SS CL A 2	
207	206	105.0	21	0.30%	83.2	SS CL A 2	
206	205	105.0	21	0.30%	80.9	SS CL A 2	
205	204	85.0	21	0.30%	64.9	SS CL A 2	
204	203	130.0	24	0.30%	120.8	SS CL A 2	
203	202	116.8	24	0.30%	146.9	SS CL A 2	
202	201	58.9	24	0.30%	84.4	SS CL A 1	**
211	203	4.5	12	1.00%	2.2	SS CL A 1	
212	204	4.5	12	1.00%	1.1	SS CL A 1	
213	205	4.5	12	1.00%	1.0	SS CL A 1	
214	206	4.5	12	1.00%	1.1	SS CL A 1	
215	207	4.5	12	1.00%	1.1	SS CL A 1	
216	208	4.5	12	1.00%	1.0	SS CL A 1	
217	209	5.0	12	1.00%	1.0	SS CL A 1	
F02	F01	197.0	24	0.70%	0.0	P CUL CL D 1	
219	218	228.1	24	0.70%	0.0	P CUL CL D 1	
220	210	2.5	18	1.65%	0.2	SS CL A 1	
221	220	3.1	18	1.65%	0.0	P CUL CL D 1	

\*\* NOTE: USE CLSM FOR TRENCH BACKFILL WHERE NOTED

LEGEND:

STRUCTURE TO BE ADJUSTED 

PROP SWALE FLOWLINE 

NOTES:

- STATION AND OFFSET VALUES GIVEN FOR PROPOSED STRUCTURES REPRESENT THE CENTER OF THE CASTING.
- STATION AND ELEVATION VALUES GIVEN FOR PROPOSED END SECTIONS REPRESENT THE END OF THE END SECTION OPPOSITE THE CONNECTING SEWER OR CULVERT PIPE.
- THE CONTRACTOR MUST ENSURE POSITIVE DRAINAGE TO ALL INLETS, CATCH BASINS, AND MANHOLES WITH OPEN LIDS.
- SEE GENERAL NOTES SHEET FOR ADDITIONAL DRAINAGE AND UTILITIES NOTES.

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 6  
DRAINAGE SCHEDULES & NOTES

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
130 E. RANDOLPH STREET  
CHICAGO, ILLINOIS 60601  
JOB NO. 541



SCALE: VERT. N.T.S.  
HORIZ. N.T.S.  
DATE 3/19/07

DRAWN BY DDM  
CHECKED BY JMD