

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5952	G-BR-1	GRUNDY	50	24
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

STORM SEWER STRUCTURE SCHEDULE

STR. NO.	LOCATION STATION - OFFSET		STRUCTURE TYPE AND CASTING	RIM EL.	INVERT ELEVATION(S)	NOTES
001	557+00.10	44.75' RT	PRC FLAR END SEC 36	N/A	508.30	
002	556+71.65	44.75' RT	RD MAN TA 5' T1F CL	516.89	508.39E, 508.41W	
003	556+45.54	37.75' RT	RD MAN TA 5' T1F CL	517.46	508.48E, 508.50W, 512.21SW	
004	555+81.18	31.50' RT	RD MAN TA 5' T3 F&G	516.40	508.68E, 508.78W*, 512.80N	
005	555+85.00	21.50' LT	IN TB T3 F&G	516.63	513.30S, 513.40N	
006	555+85.00	35.42' LT	PRC FLAR END SEC 12	N/A	513.50	
007	556+12.13	54.88' RT	RD CB 4 DIA T1F OL	515.54	512.54	
010	557+58.09	44.75' RT	PRC FLAR END SEC 27	N/A	508.79	
011	558+30.50	44.75' RT	MAN TA 5 DIA T1F CL	517.97	509.00W, 514.88NW, 512.09N, 509.01E	
012	559+65.00	41.50' RT	MAN TA 5 DIA T1F CL	521.44	509.40W, 509.50N, 516.74NE	
013	559+65.00	20.50' LT	MAN TA 5 DIA T3 F&G	520.49	509.69S, 509.70N	
014	559+65.00	26.98' LT	MAN TA 5 DIA T1F CL	521.41	509.70S, 509.80E*	
015	560+10.00	17.58' RT	IN TA T3 F&G	521.28	517.25	
016	558+23.64	32.50' RT	IN TB T3 F&G	518.10	514.98SE, 515.08W	
017	558+08.64	32.50' RT	IN TA T3 F&G	518.00	515.20	
018	558+30.46	27.57' LT	IN TB T3 F&G	518.27	512.77S, 512.87NW	
019	558+15.48	32.50' LT	IN TA T3 F&G	518.07	513.00	

*NOTE: MATCH EXISTING SEWER INVERT ELEVATION

STORM SEWER PIPE SCHEDULE

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	CLSM TRENCH BACKFILL (CU. YD.)	STORM SEWER TYPE	NOTES
002	001	17.8	36	0.35%	14.5	SS CL A 1	
003	002	22.0	36	0.30%	24.9	STORM SEW WM REQ	
004	003	59.7	36	0.30%	65.4	STORM SEW WM REQ	
005	004	49.1	12	1.00%	6.2	SS RG CL A 1	
006	005	6.4	12	1.00%	0.8	SS RG CL A 1	
007	003	32.9	12	1.00%	9.5	SS RG CL A 1	
011	010	63.8	27	0.30%	55.0	SS CL A 2	
012	011	129.5	27	0.30%	202.1	SS CL A 2	
013	012	57.0	27	0.30%	97.8	SS RG CL A 2	
014	013	1.5	27	0.30%	0.0	SS CL A 2	
015	012	47.5	12	1.00%	10.3	SS RG CL A 1	
016	011	10.0	12	1.00%	0.8	SS RG CL A 1	
017	016	12.5	12	1.00%	0.8	STORM SEW WM REQ	
018	011	68.3	12	1.00%	24.2	SS RG CL A 1	
019	018	13.3	12	1.00%	3.7	SS CL A 1	


EXISTING STRUCTURES

STATION	OFFSET	ITEM
554+92.93	31.68' RT	MAN ADJUST
556+54.55	30.49' LT	MAN ADJUST
556+63.44	31.34' RT	REMOV MANHOLES
557+83.83	32.22' LT	REMOV MANHOLES
557+93.52	25.92' LT	REMOV MANHOLES
557+98.62	16.43' LT	REMOV INLETS
558+00.71	14.91' RT	REMOV INLETS
556+12.13	54.88' RT	REMOV INLETS

STORM SEWER REMOVAL

FROM		TO		DIAMETER (INCHES)	LENGTH (FEET)	CLSM TRENCH BACKFILL (CU YD)
STATION	OFFSET	STATION	OFFSET			
555+81.18	31.50' RT	556+63.44	31.34' RT	30	83	41.7
556+63.44	31.34' RT	557+03.25	32.76' RT	30	40	34.1
556+12.31	54.88' RT	556+90.36	32.62' RT	6	83	1.7
557+93.52	25.92' LT	557+83.83	32.22' LT	24	12	7.9
557+83.83	32.22' LT	557+65.30	33.59' LT	24	19	9.6
558+00.71	14.91' RT	557+98.62	16.43' LT	12	32	4.8
557+98.62	16.43' LT	557+93.52	25.92' LT	12	11	2.4
559+65.00	26.98' LT	557+93.52	25.92' LT	27	172	180.6

LEGEND:

STRUCTURE TO BE ADJUSTED 

ITEM TO BE ADJUSTED OR RELOCATED BY OTHERS 

NOTES:

1. STATION AND OFFSET VALUES GIVEN FOR PROPOSED STRUCTURES REPRESENT THE CENTER OF THE CASTING.
2. STATION AND ELEVATION VALUES GIVEN FOR PROPOSED FLARED END SECTIONS REPRESENT THE DOWNSTREAM END OF THE FLARED END SECTION.
3. ALL WATERMAIN WORK TO BE PERFORMED BY CITY OF MORRIS FORCES.
4. THE CONTRACTOR MUST ENSURE POSITIVE DRAINAGE TO ALL INLETS, CATCH BASINS, AND MANHOLES WITH OPEN LIDS.
5. SEE GENERAL NOTES SHEET FOR ADDITIONAL DRAINAGE AND UTILITIES NOTES.

REVISIONS	
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 10/25/05

DRAWN BY DDM
CHECKED BY JMD