


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 31	*	MACON	162	40
FED. ROAD DIST. NO.		ILLINOIS	PROJECT	
* 02-00175-00-PV				

STRUCTURE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
STATION	533+00.00	533+00.00	534+50.00	534+45.00	534+90.00	534+85.00	535+85.00	535+35.00	535+30.00	536+03.00	536+05.00	536+60.00	536+80.00	539+30.00	539+35.00
OFFSET	23' LT	23' RT	13.7' LT	17.6' LT	13.7' LT	17.6' LT	13.7' RT	13.7' RT	17.6' RT	13.7' RT	42' RT	18' LT	19.9' LT	13.7' LT	17.6' LT
TYPE	12" PRC FES	12" PRC FES	INLET TY A	4' MH TY A	INLET TY A	4' MH TY A	4' MH TY A	INLET TY A	4' MH TY A	4' MH TY A	18" PRC FES	INLET TY A	INLET TY A	INLET TY A	4' MH TY A
IDOT STD. NO.	542301	542301	602301	602401	602301	602401	602401	602301	602401	602401	542301	602301	602301	602301	602401
FRAME & LID			TYPE 3	TY 1 CLOSED	TYPE 3	TY 1 CLOSED	TYPE 3	TYPE 3	TY 1 CLOSED	TYPE 3		TYPE 3	TYPE 3	TYPE 3	TY 1 CLOSED
IDOT STD. NO.			604006	604001	604006	604001	604006	604006	604001	604006		604006	604006	604006	604001
T.O.M. ELEV.			660.93	661.50	660.24	661.00	658.76	659.47	659.75	658.79		658.07	657.91	658.14	658.55
N FL				657.41		656.71	654.75		655.42			655.44			654.88
S FL	662.06	662.06		657.21		656.91	654.67		655.62		655.17		655.58	656.31	
E FL				657.83		657.33	654.47		657.64		651.75	651.50			
W FL			659.10		658.41					656.08	654.27				654.22
PIPE NO.	1	2	3	4	5	6	7	8	9	10		12	13	14	15
CLASS	A	A	A	A	A	A	A	A	A	A		A	A	A	A
TYPE	2	2	2	2	2	2	2	2	2	2		2	1	2	2
DIAMETER	12"	12"	12"	18"	12"	18"	18"	12"	12"	18"		12"	12"	12"	12"
LENGTH	138'	223'	4'	38'	4'	98'	30'	4'	70'	22'		72'	18'	4'	158'
SLOPE	3.21%	2.80%	38.00%	0.75%	32.00%	2.04%	0.63%	46.70%	0.34%	1.14%		0.65%	0.70%	42.80%	2.19%
STRUCTURE NO.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
STATION	540+90.00	540+95.00	541+48.00	541+45.00	541+34.00	541+34.00	541+45.00	541+45.00	541+55.00	541+75.00	543+05.00	543+10.00	543+10.00	545+55.00	545+55.00
OFFSET	13.7' LT	17.6' LT	37.5' LT	17.6' LT	13.7' LT	13.7' RT	13.7' RT	31.5' RT	13.7' LT	13.7' LT	17.6' LT	13.7' RT	13.7' LT	13.7' RT	13.7' LT
TYPE	INLET TY A	4' MH TY A	30" PRC FES	5' MH TY A	INLET TY A	INLET TY A	5' MH TY A	30" PRC FES	INLET TY A	INLET TY A	4' MH TY A	INLET TY A	INLET TY A	INLET TY A	INLET TY A
IDOT STD. NO.	602301	602401	542301	602401	602301	602301	602301	542301	602301	602301	602401	602301	602301	602301	602301
FRAME & LID	TYPE 3	TY 1 CLOSED		TYPE 3	TYPE 3	TYPE 3	TYPE 3		TYPE 3	TYPE 3	TY 1 CLOSED	TYPE 3	TYPE 3	TYPE 3	TYPE 3
IDOT STD. NO.	604006	604001		604006	604006	604006	604006		604006	604006	604001	604006	604006	604006	604006
T.O.M. ELEV.	653.93	654.35		654.10	653.55	653.55	653.57		653.63	653.88	659.50	659.21	659.21	667.42	667.42
N FL		650.68	648.50	647.50			647.10				655.83		656.50	664.75	664.75
S FL	652.10			647.70	651.72		647.30	647.00			651.30	651.55	650.11	656.88	665.09
E FL		650.68		649.18			649.90			651.45	655.83		656.38	665.09	664.59
W FL		650.02		649.22		651.22									
				NE&SE 651.20											
PIPE NO.	16	17	18	19	20	21	22		24	25	26	27	28	29	30
CLASS	A	A	A	A	A	A	A		A	A	A	A	A	A	A
TYPE	1	2	2	2	1	1	2		1	1	2	2	1	1	1
DIAMETER	12"	12"	30"	30"	12"	12"	30"		12"	12"	18"	12"	12"	12"	12"
LENGTH	4'	48'	13'	28'	10'	10'	10'		8'	20'	158'	26'	4'	26'	14'
SLOPE	42.50%	1.68%	3.64%	1.79%	6.00%	16.50%	0.63%		1.00%	0.75%	0.56%	1.46%	16.50%	1.31%	0.56%
STRUCTURE NO.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
STATION	545+70.00	545+84.00	546+14.00	546+38.00	546+43.00	546+65.00	547+00.00	547+20.00	547+05.00	547+45.00	547+50.00	547+95.00	548+00.00	548+45.00	548+50.00
OFFSET	17.6' LT	13.7' LT	13.7' LT	17.6' LT	13.7' LT	13.7' LT	17.6' LT	13.7' RT	13.7' LT	17.6' LT	13.7' LT	17.6' LT	13.7' LT	17.6' LT	13.7' LT
TYPE	4' MH TY A	INLET TY A	INLET TY A	4' MH TY A	INLET TY A	INLET TY A	4' MH TY A	INLET TY A	INLET TY A	4' MH TY A	INLET TY A	4' MH TY A	INLET TY A	4' MH TY A	INLET TY A
IDOT STD. NO.	602401	602301	602301	602401	602301	602301	602401	602301	602301	602401	602301	602401	602301	602401	602301
FRAME & LID	TY 1 CLOSED	TYPE 3	TYPE 3	TY 1 CLOSED	TYPE 3	TYPE 20	TY 1 CLOSED	TYPE 3	TYPE 3	TY 1 CLOSED	TYPE 3	TY 1 CLOSED	TYPE 3	TY 1 CLOSED	TYPE 3
IDOT STD. NO.	604001	604006	604006	604001	604006	604071	604001	604006	604006	604001	604006	604001	604006	604001	604006
T.O.M. ELEV.	668.00	667.51	667.58	668.20	667.67	666.71	668.65	668.36	668.16	669.30	668.88	670.30	669.91	671.35	670.93
N FL	NW 665.25			664.53			664.98		665.83	665.63		666.63		667.68	669.10
S FL	NE 664.33	665.32			665.34			666.03	665.83		667.05		668.08		669.10
E FL	663.67		665.39	664.07		665.58	664.32			664.97		665.97		667.02	
W FL	663.77	665.32		664.07	665.44		664.52			665.63		666.63			
PIPE NO.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
CLASS	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
TYPE	2	1	1	2	2	1	2	1	2	2	2	2	2	2	2
DIAMETER	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
LENGTH	262'	14'	30'	66'	4'	22'	62'	30'	4'	42'	4'	48'	4'	42'	4'
SLOPE	2.96%	0.50%	0.23%	0.44%	24.30%	0.64%	0.40%	0.59%	25.40%	1.00%	42.50%	0.68%	43.40%	0.78%	42.50%

REVISIONS			DRAWN BY DATE	
NO.	DATE	INITIALS	EMR	09/03
1			GLF	03/05
2				
3				
4				
5				
6				
7				
8				
9				
10				

**DRAINAGE SCHEDULE**

TURPIN ROAD CONNECTOR (CH 31)  
MACON COUNTY, ILLINOIS



**HOMER L.  
CHASTAIN  
& ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
164-00137

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BOOK NUMBER  
471  
PROJECT NO.  
4805  
SHEET NO.