

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			655.24	655.58	656.31	
E FL				657.83		657.33	654.47	657.64		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	602401	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	TYPE 3	TY 1 CLOSED	TYPE 3	TYPE 3	TYPE 3	TYPE 3
IDOT STD. NO.	604006	604001		604006	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	659.21	667.42	667.42
N FL		650.68	648.50	647.50			647.10				655.83		656.50	664.75	
S FL	652.10			647.70	651.72		647.30	647.00			656.88	656.38	665.09	664.59	
E FL		650.68		649.18			649.90		651.30	651.55	650.11				
W FL		650.02		649.22		651.22			651.45		655.83				

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	
S FL	NE 664.33	665.32		665.34		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		666.63	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%

DRAINAGE SCHEDULE			
REVISIONS		TURPIN ROAD CONNECTOR (CH 31)	
		MACON COUNTY, ILLINOIS	
		DRAWN BY DATE EMR 09/03	
		CHECKED BY DATE GLF 03/05	
		BOOK NUMBER 471	
		PROJECT NO. 4805	
		SHEET NO.	
		 HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS CHICAGO (773) 714-0050	