

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 31	*	MACON	162	41

FED. ROAD DIST. NO. ILLINOIS PROJECT

* 02-00175-00-PV


STRUCTURE NO.	46*	47	48*	49*	50*	51	52*	53	54	55	57	58	59	60	
STATION	38+80.00	39+50.00	551+00.00	551+75.00	551+75.00	550+99.00	551+50.00	551+53.00	44+43.00	552+40.00	552+95.00	44+18.00	552+95.00	553+42.00	
OFFSET	20.1' RT	31.1' RT	27' LT	13.7' LT	26' LT	19.6' RT	14' RT	26.5' RT	22' RT	17.6' LT	16' RT	18.8' LT	26.2' LT	24' LT	
TYPE	INLET TY A	INLET TY A	4' MH TY A	5' MH TY A	INLET TY A	INLET TY A	5' MH TY A	24" PRC FES	12" PRC FES	4' MH TY A	4' MH TY A	12" PRC FES	4' MH TY A	4' MH TY A	
IDOT STD. NO.	602301	602301	602401/602601	602401/602601	602301	602301	602401/602601	542301	542301	602401/602601	602401	542301	602401/602601	602401/602601	
FRAME & LID	SPECIAL	TYPE 3	SPECIAL	TYPE 3	SPECIAL	TYPE 3	TYPE 3			TY 1 CLOSED	TY 1 CLOSED		TYPE 3	TY 1 CLOSED	
IDOT STD. NO.		604006		604006		604006	604006			604001	604001		604006	604001	
T. O. M. ELEV.	672.58	671.37	670.58	669.80	670.08	669.30	669.68			671.00	671.75		670.60	672.50	
N FL	670.75	669.04	668.25	667.59		666.97	666.80						668.48	669.77	
S FL		670.00	668.35	667.71			666.80			668.71			667.42	669.27	
E FL				666.98	667.42		666.80		670.19			671.00	668.32	669.37	
W FL				667.37			666.85	666.70		668.79		667.62	668.94		
PIPE NO.	46	47	48	49	50	51	52		54	55	56	57	58	59	60
CLASS	A	A	A	A	A	A	A		A	A	A	A	A	A	A
TYPE	1	1	1	1	1	1	1		1	1	2	1	1	1	1
DIAMETER	12"	12"	18"	24" RSE	18"	12"	24"		18"	18"	18"	18"	12"	12"	12"
LENGTH	54'	128'	78'	34'	10'	46'	6'		32'	62'	142'	40'	50'	44'	86'
SLOPE	1.25%	0.55%	0.72%	0.36%	0.60%	0.37%	1.00%		4.40%	1.72%	0.53%	1.75%	4.68%	1.68%	0.89%
STRUCTURE NO.	61	62	63*	64	65	66	67	68	69	70	71	72	73	74	75
STATION	553+42.00	553+42.00	554+30.00	555+28.00	555+38.00	555+38.00	556+87.00	558+95.00	559+35.00	559+42.00	559+82.00	560+18.00	560+25.00	560+77.00	560+83.00
OFFSET	13.7' RT	13.7' LT	26' LT	17.6' LT	13.7' LT	13.7' RT	22' LT	13.7' LT	13.7' LT	17.6' LT	13.7' LT	13.7' LT	17.6' LT	13.7' LT	13.7' RT
TYPE	INLET TY A	INLET TY A	INLET TY A	4' MH TY A	INLET TY A	INLET TY A	INLET TY A	INLET 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
IDOT STD. NO.	602301	602301	602301	602401/602601	602301	602301	602301	602301	602301	602401/602601	602301	602301	602401/602601	602301	602301
FRAME & LID	TYPE 3	TYPE 3	SPECIAL	TY 1 CLOSED	TYPE 3	TYPE 3	TY 1 CLOSED	TYPE 3	TYPE 3	TY 1 CLOSED	TYPE 3	TYPE 3	TY 1 CLOSED	TYPE 3	TYPE 3
IDOT STD. NO.	604006	604006		604001	604006	604006	604001	604006	604006	604001	604006	604006	604001	604006	604006
T. O. M. ELEV.	671.80	671.80	672.88	673.83	674.39	674.39	676.75	676.54	675.80	676.00	675.04	674.65	675.25	674.38	674.38
N FL			670.65				674.92	674.21			673.17	672.71		672.05	
S FL			670.55	671.00					673.47	674.33		672.32	672.50		
E FL		669.47		671.25	672.06					673.37		672.32	672.25		
W FL	669.61	669.47		672.06	672.06	672.06	676.51		673.47			672.32	672.25	672.05	672.19
PIPE NO.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
CLASS	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
TYPE	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
DIAMETER	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
LENGTH	26'	8'	96'	10'	26'		254'	40'	8'	80'	36'	8'	52'	4'	26'
SLOPE	33.33%	1.37%	0.36%	11.25%	0.54%		0.28%	1.85%	1.25%	0.81%	1.08%	0.88%	0.24%	2.50%	0.54%
STRUCTURE NO.	76	77	78	79	80	81	82	83	84	85	86	87	88	89*	90
STATION	560+83.00	560+80.00	561+25.00	561+72.00	561+77.00	562+00.00	562+55.00	562+60.00	563+57.00	563+65.00	563+70.00	564+65.00	71+00.00	71+30.00	71+85.00
OFFSET	13.7' LT	17.6' LT	13.7' LT	13.7' LT	17.6' LT	13.7' LT	13.7' LT	17.6' LT	13.7' LT	13.7' LT	17.6' LT	17.6' LT	25' RT	27' RT	27' RT
TYPE	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	INLET TY A	4' MH TY A	4' MH TY A	4' MH TY A	4' MH TY A	18" PRC FES
IDOT STD. NO.	602301	602401/602601	602301	602301	602401	602301	602301	602401	602301	602301	602401	602401	602401	602401	542301
FRAME & LID	TYPE 3	TY 8 SPECIAL	TYPE 3	TYPE 3	TY 1 CLOSED	TYPE 3	TYPE 3	TY 1 CLOSED	TYPE 3	TYPE 3	TY 1 CLOSED	TY 1 CLOSED	TY 1 CLOSED	SPECIAL	
IDOT STD. NO.	604006		604006	604006	604001	604006	604006	604001	604006	604006	604001	604001	604001	604001	
T. O. M. ELEV.	674.38	674.25	674.49	674.82	675.15	675.02	675.43	675.90	676.05	676.10	676.25	676.75	671.97	670.03	
N FL		671.92	672.30		670.82	672.69		669.88	673.72		668.75	667.96			
S FL		671.92		671.80	671.00		672.2	670.08		673.47	668.95	668.16	667.16		
E FL	672.05	NE 672.00		671.95			672.00		672.00		673.10	666.96	665.99	665.99	
W FL	672.05	SE 672.00		671.80			672.10	(E) 671.88		673.27		672.00	666.19	665.50	
PIPE NO.	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
CLASS	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
TYPE	1	2	1	1	2	1	2	2	1	1	2	2	2	2	2
DIAMETER	12"	12"	12"	12"	12"	12"	12"	18"	12"	12"	18"	18"	18"	18"	18"
LENGTH	4'	94'	46'	6'	80'	54'	6'	108'	8'	6'	84'	112'	22'	48'	
SLOPE	2.50%	0.95%	1.06%	0.83%	0.89%	0.89%	0.83%	0.85%	3.13%	2.83%	0.72%	0.70%	3.21%	0.89%	

*SEE MISCELLANEOUS DETAIL SHEET

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
184-081897

DECATUR
017-422-8544

CHICAGO
0770 714-0050

BOOK NUMBER
471

PROJECT No.
4805

SHEET No.