F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
807	00-00374-00-PV	CHAMPAIGN	149	48
STA. 0+98	TO STA. 4+56.63			
FED. ROAD DIST. NO. 7	ILLINOIS	F.A. PROJECT M-5181(38)		

CONTRACT NO. 91308

SEC. 33, T.19 N., R.8 E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

PLAN — SURVEYED / PLOTTED / ROUGH DRAFT CHECKED / FINAL DRAFT CHECKED / R.O.W. STAKED / NOTE BOOK / NO. / CADD FILE NAME / BY / DATE

PROFILE — SURVEYED / PLOTTED / ROUGH DRAFT CHECKED / FINAL DRAFT CHECKED / R.O.W. STAKED / NOTE BOOK / NO. / CADD FILE NAME / BY / DATE

PROPOSED ℄ CURTIS RD. (IDOT)

002 FRIENDSHIP LUTHERAN CHURCH OF JOY

003 HELEN F. BIRKETT

SOUTH LINE, SEC. 28, T.19N., R.8E
NORTH LINE, SEC. 33, T.19N., R.8E

EXISTING R.O.W.

PROPOSED R.O.W. (IDOT)

43+84.94 (IDOT) 107.45' RT.
PROP. 18"SS @ 2.86%
43+73.94 (IDOT) 107.73' RT.
PROP. 48"SS @ 0.30%
43+62.99 (IDOT) 108.74' RT.
P.I. 0+00
0+00
1+30.62 40.00' LT.
1+40.30 20.00' LT.
PROP. 42"SS @ 0.30%
PROP. 42"SS @ 1.28%
PROP. 42"SS @ 1.10%
T.C.E.
PERMANENT EASEMENT
4+30.00 N-S 40.00' LT.
4+96.07 W-E 30.00' LT.
4+56.83 N-S 11.56' LT.
4+68.19 W-E 0.00' ℄
5+00
20'
8.44'
11.56'
10'
30'
134a
134
134b
135
136
1
2
3
4
TEMP. 12"SS @ 0.10%
CONSTRUCTION LIMITS
0+99.02 19.42' RT.
43+43.0 (IDOT) 108.5' RT.
PROPOSED ℄ OUTFALL STORM SEWER
4+47.00 N-S 20.00' LT.
4+76.44 W-E 10.00' LT.
P.I. 4+56.63
PROPOSED ℄ OUTFALL STORM SEWER
TEMP. 12"SS @ 0.10%
0+21.2 94.3' RT.
42.66.8 (IDOT) 31.9' RT.
TEMP. 12"SS @ 0.10%

SEE TEMPORARY OUTFALL DITCH DETAIL THIS SHEET

N
0' 20' 40'
SCALE: 1" = 20'

CURTIS RD.
DUNCAN RD.
KEY MAP

STORM SEWER STRUCTURE SCHEDULE

STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	STA. OF C/L 2 FT. OPENING	OFFSET OF C/L 2 FT. OPENING	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/ GRATE ELEV.	PR. T/O FRAME/ GRATE ELEV.	PR. T/O FLAT SLAB TOP ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
134•	RD MAN 6 DIA T1F OL	LT	0+98.78	9.50	0+98.78	11.50	----	706.83	705.83	699.56	135	699.16	134b
										702.17	134a		
134a	END PIPE••	LT.	----	----	0+98.68	22.50	----					702.40	134
134b	END PIPE†	LT.	----	----	0+99.61	0.60	----			699.14	134	699.14	134a
134c	END PIPE	RT.	----	----	0+14.7	441.3	----					698.67	134b
135	RD MAN 6 DIA T8G•••	LT	3+20.09	9.50	3+20.09	11.50	----	705.40	704.80	700.20	136	700.20	134
136	RD MAN 6 DIA T1F CL	LT	4+56.81	9.50	4+56.83	11.50	----	707.40	706.40	701.64	137	701.64	135

• PROVIDE TOP OF MANHOLE BARREL WITH TONGUE FOR RECEIVING FUTURE BARREL ADJUSTMENT SECTIONS. PLACE FLAT SLAB TOP ON TONGUE END OF BARREL. DO NOT SEAL. TEMPORARILY CLAMP/BOLT FRAME AND LID TO MANHOLE TO SATISFACTION OF ENGINEER. COST OF THIS WORK INCLUDED IN COST OF MANHOLE.
•• PLUG END OF PIPE WITH MATERIAL SATISFACTORY TO ENGINEER.
† PLACE 12" TEMPORARY PIPE INSIDE 48" PIPE. SEAL CONNECTION WITH MATERIAL SATISFACTORY TO ENGINEER.
•••TEMPORARILY CLAMP/BOLT GRATE TO MANHOLE TO SATISFACTION OF ENGINEER. COST OF THIS WORK INCLUDED IN COST OF MANHOLE.

STORM SEWER PIPE SCHEDULE

LOCATION STR. - STR. OR STA., O.S.	STORM SEW CL B 1 12 (FOOT)	STORM SEW CL A 1 18 (FOOT)	STORM SEW CL A 1 42 (FOOT)	STORM SEW CL A 1 48 (FOOT)	GRADE %	TRENCH BACKFILL (SPECIAL) (CU YD)
134c - 134b	475				0.10	
134b - 134				8	0.30	7.4
134a - 134		8			2.86	2.2
134 - 135			216		0.30	145.6
135 - 136			131		1.10	41.8

NOTE: TRENCH BACKFILL (SPECIAL) IS NECESSARY DUE TO LOCATION OF FUTURE ACCESS ROAD (NOT SHOWN).

33+49.8(IDOT) 29.6' RT.
0+04.0 1011.2' RT.
PROPOSED RAMP ℄ (IDOT)
EXISTING R.O.W.
35+06.49(IDOT)
SPECIAL DITCH @ 0.10% (SEE SECTIONS A THRU D)
CONSTRUCTION LIMITS
DO NOT DISTURB GRADE DITCH TO MISS FIELD TILE
FIELD TILE INSPECTION WELL INV. 698.0
PROPOSED ℄ CURTIS RD. (IDOT)
TEMP. 12"SS @ 0.10%
42.66.8 (IDOT) 31.9' RT.
0+21.2 94.3' RT.
NO SCALE
FLOWLINE 698.1 (MATCH EXIST.)
A A B B C C D D
10' (TYP.)
35+40
570'
37+30
134c
39+19.9(IDOT) 31.0' RT.
347'
END CONSTRUCTION SECTION 00--000374-00-PV

TEMPORARY OUTFALL DITCH DETAIL

EXISTING GROUND ALONG BASELINE
TOPSOIL 6" THICK SHALL BE PLACED OVER STORM SEWER TRENCHES
PROP. 42"SS @ 0.30%
PROP. 42"SS @ 1.10%
710 705 700 695 690 685
707.19 706.84 706.19 706.46 707.08 707.75 706.62 707.04 707.50 707.39
0+00 0+50 1+00 1+50 2+00 2+50 3+00 3+50 4+00 4+50

12" SS
3:1 3:1
D C=24.2
2' (TYP.) C=11.1
EXIST. GROUND
10' (TYP.) C=4.7
B
MATCH C=0
A
EXISTING R.O.W.

TEMPORARY OUTFALL DITCH SECTIONS