F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NA	98-00009-00-BR	SANGAMON	107	19
STA. 0+02.56	TO STA. 7+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
M.P. 179 SPRINGFIELD SUBDIVISION				

93346

B.L. I-55 CURVE DATA
PI Sta. 212+91.36
Δ = 33° 34′ 25″ (RT)
D = 1° 00′ 00″
T = 1,728.42′
R = 5,729.58′
L = 3,357.36′
E = 255.03′
PC Sta. 195+62.94
PT Sta. 229+20.30

MEREDITH DRIVE
CURVE 1 DATA
P.I. STA. 2+21.45
Δ = 4° 00′ 49″ (LT)
D = 2° 40′ 00″
R = 2,148.59′
T = 75.29′
L = 150.52′
E = 1.32′
(•••) SE = REMOVE CROWN
P.C. STA. 1+46.16
P.T. STA. 2+96.68

(•••) MATCH EDGE OF PAVEMENT @ B.L. I-55 w/ ±1.0% CROSS SLOPE. TRANSITION TO 1.5% CROSS SLOPE @ STA. 1+00, HOLD TO STA. 3+85. CONSTRUCT AS SHOWN IN STATION CROSS SECTIONS.

⟨0⟩ = DRAINAGE STRUCTURES
⟨0⟩ = STORM SEWER/CULVERT PIPES
SEE SCHEDULES SHEETS 27 & 28

0′ 50′ 100′

℄ STA. 0+02.56 (PROPOSED MEREDITH DRIVE) =
℄ STA. 206+85.20 (BUSINESS LOOP I-55)
(SEE PAVEMENT ELEVATION AND INTERSECTION DETAIL SHEETS 29 - 32)

EXISTING ℄ B.L. I-55

℄ PROPOSED MEREDITH DRIVE

LEONARD SAPP

PAUL T. & CHERLE E. DOWNS

LUKE CARTER

EXISTING R-O-W LINE

2 CENTERED CURVE
80′-300′
13′ OFFSET

OLD TIPTON SCHOOL ROAD

PT STA. 46+67.89

IMPROVEMENT BEGINS STA. 48+10.24

EXISTING R-O-W LINE

℄ STA. 50+00.00 (OLD TIPTON SCHOOL ROAD) =
℄ STA. 206+64.65 (BUSINESS LOOP I-55)

(••)87° 08′ 19″
@ LOCAL TANGENT

PROJECT BEGINS STA. 0+33.86

(•)82° 32′ 38″
@ LOCAL TANGENT

EXISTING R-O-W LINE

0+80.04
85.00′ LT

1+60.00
45.00′ LT

PC STA. 1+46.16

PT STA. 2+96.68

P.E. +25 SEE ENT. DETAILS

PC STA. 3+95.50

4+00.00
70.00′ LT

PROPOSED R-O-W LINE

PERIMETER EROSION BARRIER = 180 L.F.
CONSTRUCTION LIMITS

6+50.00
60.00′ LT

MATCH LINE STA. 7+00

CURVE 1

CURVE 2

1+60.00
55.00′ RT

0+81.54
94.90′ RT

2 CENTERED CURVE
90′ - 400′
6′ OFFSET

F.E. +25

CONSTRUCTION LIMITS

PROPOSED R-O-W LINE

4+00.00
60.00′ RT

COMB. CONCRETE CURB AND GUTTER
TYPE B-6.24 (TYP.)

6+00.00
80.00′ RT

10″ WATER MAIN

NOTE: FOR WATER MAIN AND SANITARY SEWER LAYOUT SEE SHEETS 28A & 28B.

S.W. ¼, SEC. 36, T. 17 N., R. 5 W., 3rd P.M.

MEREDITH DRIVE
CURVE 2 DATA
P.I. STA. 6+85.20
Δ = 28° 22′ 29″ (LT)
D = 5° 00′ 00″
R = 1,145.92′
T = 289.69′
L = 567.49′
E = 36.05′
S.E. = 3.40%
P.C. STA. 3+95.51
P.T. STA. 9+63.00
S.E. ATTAINED STA. 3+85 TO 4+60
S.E. REMOVED STA. 8+98 TO 10+93

BM #21 - CHISELED "+" ON BULLNOSE SOUTH CORNER CONCRETE ISLAND @ OLD TIPTON SCHOOL ROAD & B.L. I-55
35′ RT. STA. 49+62 (OTSR) ELEV. 572.03

PROJECT BEGINS STA. 0+33.86

48+10.24 MATCH EXISTING

-0.60% -0.24% 0.0% -1.60% -1.04% -1.04% -2.51% -1.00% -1.58% -8.00% -2.06% 1.78% -1.43% -2.51% -1.80%

E.O.P. STA. 49+68.22 ELEVATION 571.38

℄ STA. 206+64.65 (B.L. I-55) = ℄ STA. 50+00.00 (O.T.S. Rd.) ELEV. 570.92

℄ STA. 206+85.20 (B.L. I-55) = ℄ STA. 0+02.56 (MEREDITH DR.) ELEV. 570.82

E.O.P. STA. 0+33.86 ELEVATION 570.32

PR 21″ SS

EOP ELEV. 568.09

EXISTING 6″ P.V.C. WATER MAIN

EXISTING FIBER OPTIC

VPC STA. 1+40.00 ELEVATION 569.22

INV. ELEV. 563.92

146 L.F. 12″ S.S. @ 2.0%

VPT STA. 2+60.00 ELEVATION 567.09

120.00′ V.C.

INV. ELEV. 560.90

INV. ELEV. 560.37

VPI STA. 2+00.00 ELEVATION 568.60

RIM ELEV. 565.15

+14 RT. ELEV. 558.00

+00 RT. ELEV. 558.20

+50 RT. ELEV. 561.70

+56 LT. ELEV. 560.20

+75 LT. ELEV. 558.00

VPC STA. 4+40.00 ELEVATION 562.58

+60 RT. ELEV. 559.28

+34 LT. ELEV. 555.30

+00 LT. ELEV. 556.00

VPI STA. 5+00.00 ELEVATION 561.08

120.00′ V.C.

VPT STA. 5+60.00 ELEVATION 560.00

EOP ELEV. 558.82

EXISTING PROFILE GRADE LINE

PROPOSED PROFILE GRADE LINE

INV. ELEV. 556.00

97 L.F. 12″ S.S. @ 0.93%

INV. ELEV. 555.10

SPECIAL DITCH RIGHT

SPECIAL DITCH LEFT

	572.40	572.10 / 572.04	571.72 / 571.80	571.38 / 571.50	571.27 / 571.38	570.92 / 571.00	568.30 / 570.15	570.10 / 569.63	571.96 / 569.11	572.66 / 568.37	572.84 / 567.34	569.75 / 566.09	563.67 / 564.84	557.88 / 563.59	557.87 / 562.34	564.43 / 561.19	568.27 / 560.18	568.19 / 559.28	564.14 / 558.38	558.90 / 557.48
		EXISTING / PROPOSED																		

48+00 49+00 50+00/0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00

575 570 565 560 555 550 545 540

PLAN AND PROFILE MEREDITH DRIVE STA. 0+00 TO 7+00

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. MARKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CK'KD / NOTE BOOK NO. / BY / DATE