| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| NA | 98-00009-00-BR | SANGAMON | 107 | 28A |
| STA. 0+02.56 | TO STA. 11+00.00 | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| M.P. 179 SPRINGFIELD SUBDIVISION | | | | |

## SANITARY SEWER

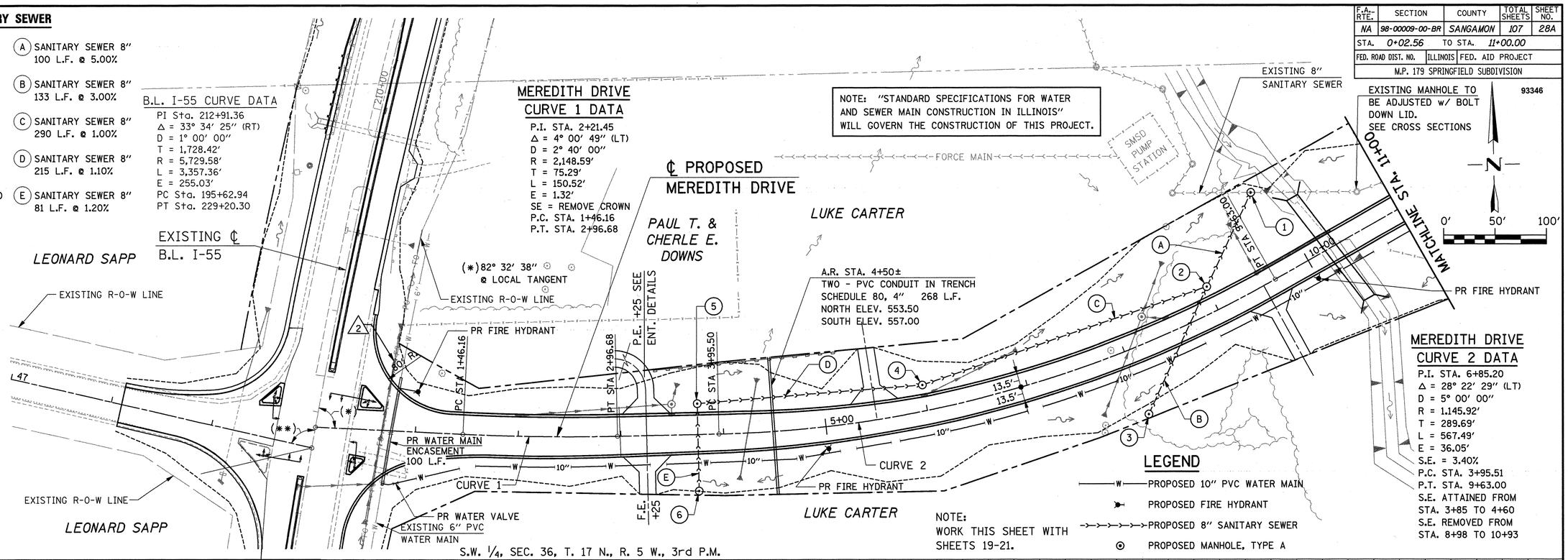
1. SANITARY SEWER MANHOLE STA. 9+79.24, 85.00′ LT. CONNECT TO EXISTING RIM ELEV. 542.00 EX INV. ELEV. 529.10± W INV. ELEV. 530.00 w/ BOLT DOWN LID
2. SANITARY SEWER MANHOLE STA. 9+00.00, 25.00′ LT. RIM ELEV. 554.00 NE INV. ELEV. 535.00 W & SW INV. ELEV. 542.00 w/ DROP CONNECTION
3. SANITARY SEWER MANHOLE STA. 8+00.00, 65.00′ RT. RIM ELEV. 554.00 NE INV. ELEV. 546.00
4. SANITARY SEWER MANHOLE STA. 6+00.00, 25.00′ LT. RIM ELEV. 559.70 NE INV. ELEV. 544.90 W INV. ELEV. 546.69
5. SANITARY SEWER MANHOLE STA. 3+75.00, 30.00′ LT. RIM ELEV. 564.50 E INV. ELEV. 549.05 S INV. ELEV. 550.89
6. SANITARY SEWER MANHOLE STA. 3+75.00, 55.00′ RT. RIM ELEV. 560.55 N INV. ELEV. 551.86

(A) SANITARY SEWER 8″ 100 L.F. @ 5.00%
(B) SANITARY SEWER 8″ 133 L.F. @ 3.00%
(C) SANITARY SEWER 8″ 290 L.F. @ 1.00%
(D) SANITARY SEWER 8″ 215 L.F. @ 1.10%
(E) SANITARY SEWER 8″ 81 L.F. @ 1.20%

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

NOTE: "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" WILL GOVERN THE CONSTRUCTION OF THIS PROJECT.



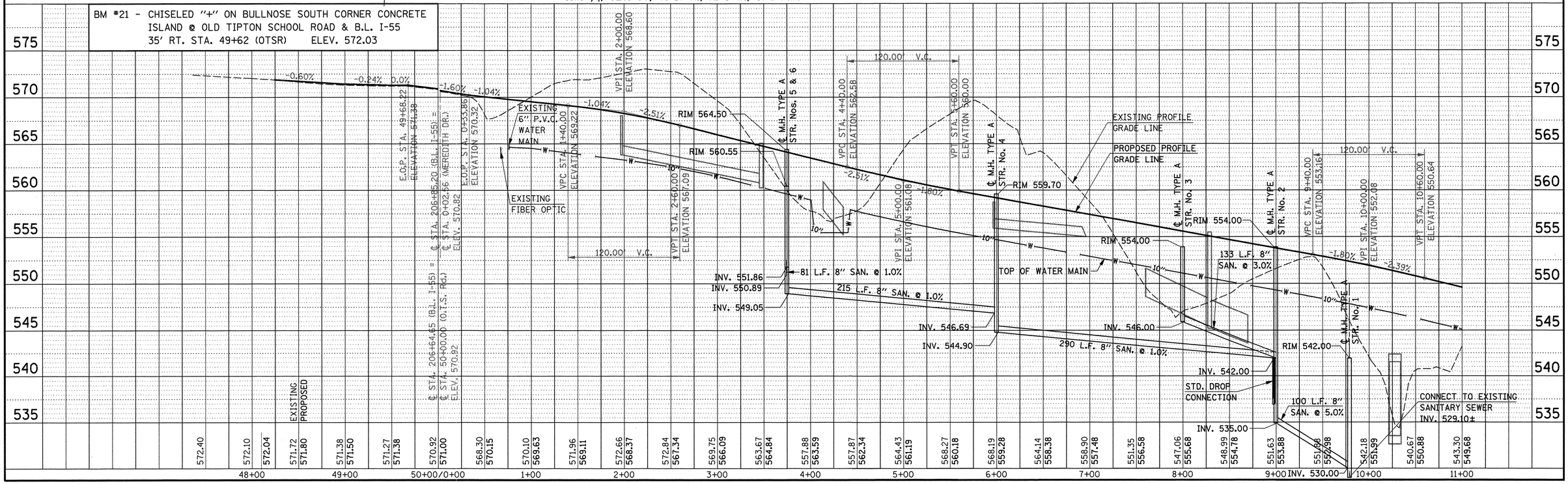

S.W. 1/4, SEC. 36, T. 17 N., R. 5 W., 3rd P.M.

NOTE: WORK THIS SHEET WITH SHEETS 19-21.

## LEGEND

- PROPOSED 10″ PVC WATER MAIN
- PROPOSED FIRE HYDRANT
- PROPOSED 8″ SANITARY SEWER
- PROPOSED MANHOLE, TYPE A

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 FROM STA. 3+85 TO 4+60
S.E. REMOVED FROM STA. 8+98 TO 10+93




PLAN AND PROFILE (SANITARY SEWER & WATER MAIN) - STA. 0+00 TO 11+00