

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6739	*	TAZEWELL	36	17

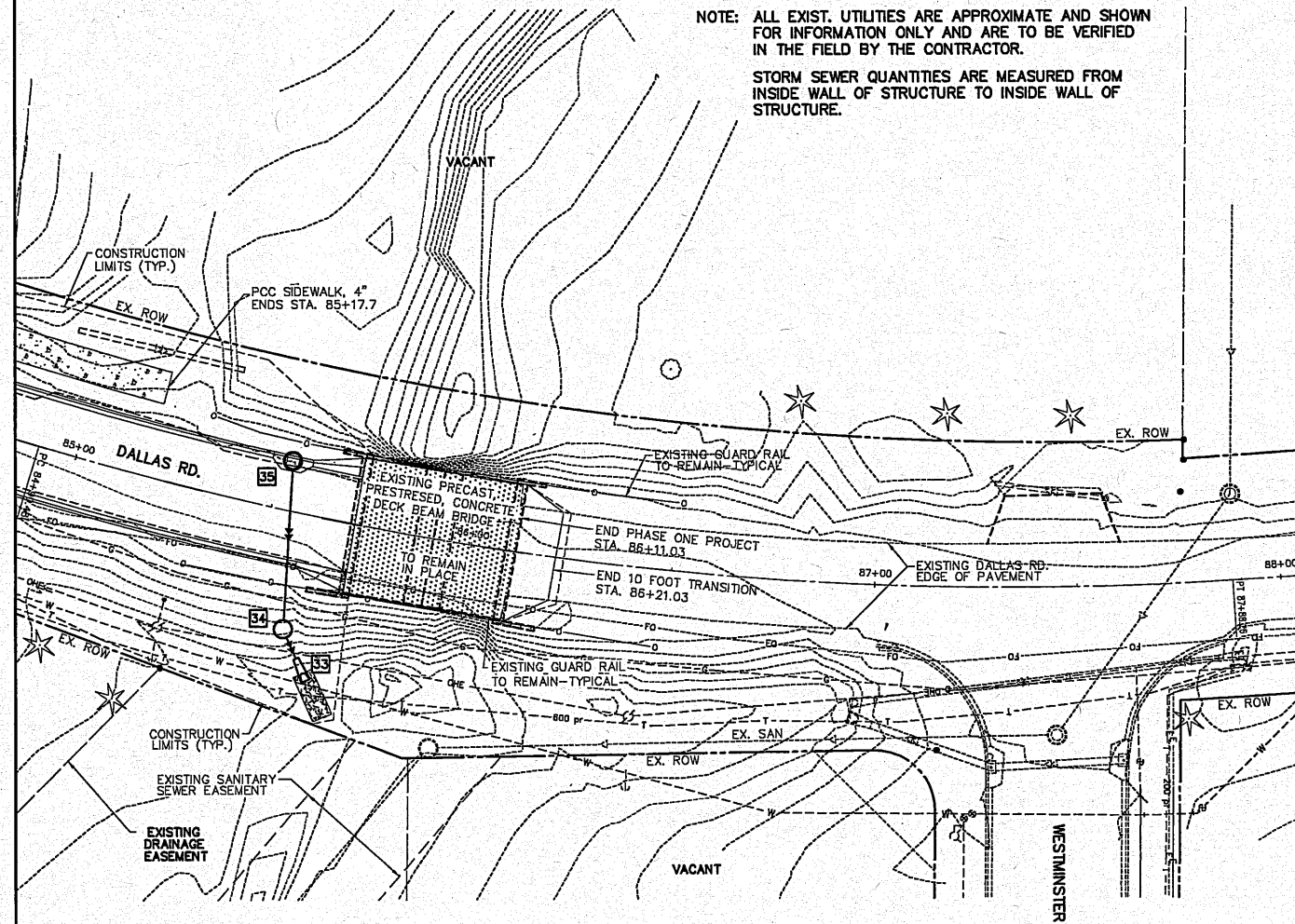
FED. ROAD DIST. NO. 7 ILLINOIS PROJECT M-5093-129

* 05-00103-00-FP
CONTRACT NO. 89493

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

STORM SEWER QUANTITIES ARE MEASURED FROM INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE.

THE EXISTING STRUCTURE WAS INVESTIGATED FOR PRESENCE OF ASBESTOS DURING THE PRELIMINARY DESIGN PHASE AND WAS FOUND TO NOT CONTAIN ASBESTOS DUE TO THE YEAR OF CONSTRUCTION. THIS STRUCTURE HAS BEEN CLEARED FOR ASBESTOS WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



CURVE #4
 PI = 86+40.98 SUPERELEVATION TRANSITION - ATTAIN
 N = 451190.57 STA. 84+30.48 TO STA. 85+30.48
 E = 298702.50 SUPERELEVATION FULL (SE RATE = 0.046' /,)
 I = 20°28'41" L STA. 85+30.48 TO 87+48.26
 CIRCULAR SUPERELEVATION TRANSITION - REMOVE
 Da = 06°52'37" STA. 87+48.26 TO STA. 88+48.26
 Dc = 06°52'52"
 T = 150.49
 R = 833.15
 L = 297.78
 C = 296.20
 E = 13.48
 M = 13.27
 SE = 4.6%

STORM SEWER STRUCTURE DESCRIPTIONS

- 33 PRECAST REINFORCED CONCRETE FLARED END SECTION, 12" 40.40' RT. STA. 85+66.80, INV. 751.35
- 34 MANHOLES, TY. A, 4' DIA., TYPE 8 GRATE W/12" RING 29.00' RT. STA. 85+59.00, T/CONC. RING 755.60, INV. 751.47 (12"E), INV. 751.57 (12"W)
- 35 INLET MANHOLE, TY. A, 4' DIA., TY. G-1 FRAME & GRATE 12.33' LT. STA. 85+52.71, T/C 759.50, E/P 759.06, INV. 752.33 (12"E)

STORM SEWER PIPE SCHEDULE

- 35 - 34 STORM SEWERS, CLASS A, TYPE 2, 12"-38 FT. @ 2.00% T.B.(ST.S.) = 16 C.Y.
- 34 - 33 STORM SEWERS, CLASS A, TYPE 1, 12"-6 FT. PLUS END SECTION @ 1.00% T.B.= 0 C.Y.

SCALES:
1" = 20' HOR
1" = 5' VER

STATION	VERTICAL CURVE DATA	PIPE DATA	ELEVATION
85+00	VPI STA = 85+25 VPI EL = 759.72 CURVE LEN = 100 K = 78	SS, CL. A, TY. 2, 12" 38 FT @ 2.00%	759.79 760.21
85+17.7	VPT STA = 85+75.00 VPT EL = 759.48	752.33	759.67 759.88
85+52.71	VPC STA = 86+25.00 VPC EL = 759.20	751.57 751.47	759.55 759.63
85+66.80	VPT STA = 86+75.00 VPT EL = 758.94 CURVE LEN = 100.00 K = 208	751.35	759.45
86+00		EXISTING BRIDGE	759.39
86+21.03	VPT STA = 87+25.00 VPT EL = 758.44		759.24
86+40.98			759.09
86+60			758.85
86+80			758.62
87+00			758.39
87+20			758.21
87+40			758.28
88+00			758.20