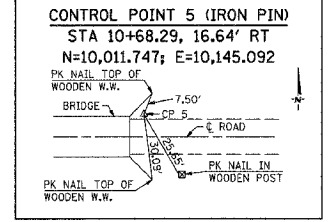
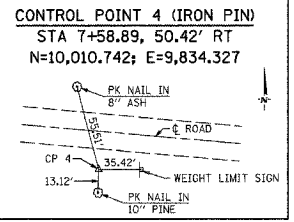
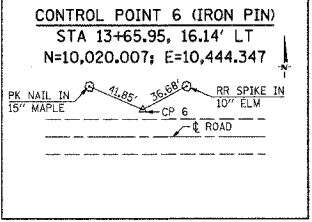


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 7	05-00259-00-BR	SHELBY	19	6
STA. 4+50		TO STA. 14+75		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CURVE 1 DATA
 PI STA 7+16.91
 $\Delta = 2^\circ 00' 17''$ (RT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.59'$
 $T = 100.24'$
 $L = 200.47'$
 $E = 0.88'$
 $e = NC$
 PC STA 6+16.66
 PT STA 8+17.13

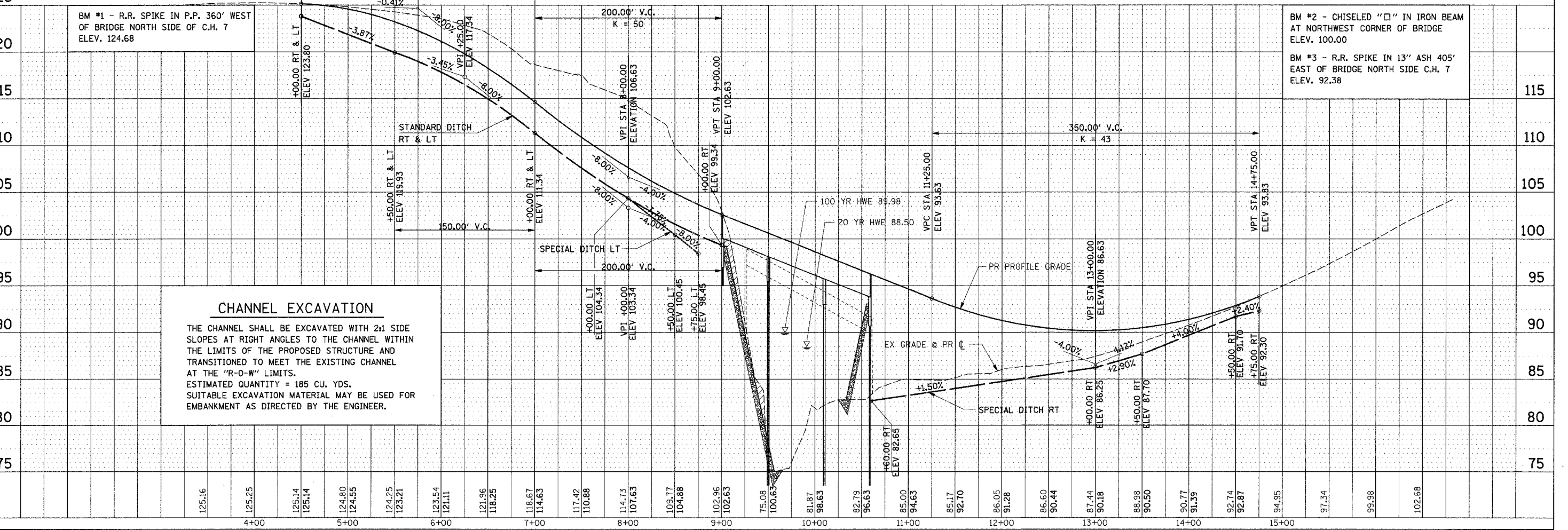
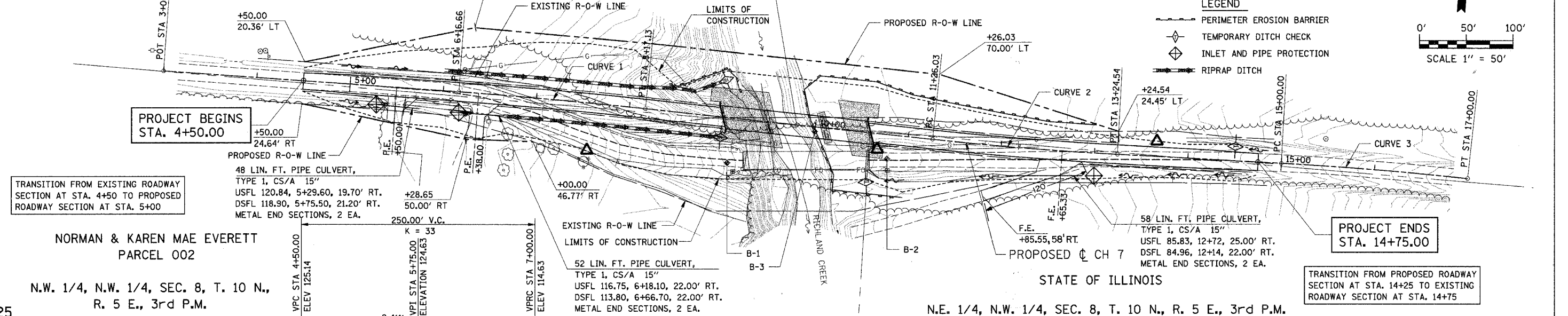
S.W. 1/4, SEC. 5, T. 10 N., R. 5 E., 3rd P.M.



CURVE 2 DATA
 PI STA 12+25.31
 $\Delta = 2^\circ 58' 39''$ (LT)
 $D = 1^\circ 30' 00''$
 $R = 3,820.00'$
 $T = 99.28'$
 $L = 198.51'$
 $E = 1.29'$
 $e = NC$
 PC STA 11+26.03
 PT STA 13+24.54

CURVE 3 DATA
 PI STA 16+00.03
 $\Delta = 3^\circ 09' 40''$ (RT)
 $D = 1^\circ 34' 50''$
 $R = 3,625.00'$
 $T = 100.03'$
 $L = 200.00'$
 $E = 1.38'$
 $e = NC$
 PC STA 15+00.00
 PT STA 17+00.00

STATE OF ILLINOIS PARCEL 001
 STA 9+80.00 - SPECIAL BRIDGE DESIGN
 3 SPAN 27" P.P.C. DECK BEAM BRIDGE
 2 - 50'-0" END SPANS, 1 - 60'-0" CENTER SPAN
 160'-0" BK TO BK OF ABUTMENTS
 24'-0" CLEAR WIDTH
 SKEW = 20° FW RT
 SN = 087-3550



CHANNEL EXCAVATION
 THE CHANNEL SHALL BE EXCAVATED WITH 2:1 SIDE SLOPES AT RIGHT ANGLES TO THE CHANNEL WITHIN THE LIMITS OF THE PROPOSED STRUCTURE AND TRANSITIONED TO MEET THE EXISTING CHANNEL AT THE "R-O-W" LIMITS.
 ESTIMATED QUANTITY = 185 CU. YDS.
 SUITABLE EXCAVATION MATERIAL MAY BE USED FOR EMBANKMENT AS DIRECTED BY THE ENGINEER.

TRANSITION FROM PROPOSED ROADWAY SECTION AT STA. 14+25 TO EXISTING ROADWAY SECTION AT STA. 14+75

STATION	ELEVATION	PROFILE GRADE	EX GRADE
4+00	125.16		
4+25	125.25		
4+50	125.14		
4+75	124.80		
5+00	124.55		
5+25	124.25		
5+50	123.21		
6+00	123.54		
6+25	121.11		
6+50	121.96		
7+00	118.25		
7+25	118.67		
7+50	114.63		
8+00	117.42		
8+25	110.88		
8+50	114.73		
9+00	107.63		
9+25	109.77		
9+50	104.88		
10+00	102.96		
10+25	102.63		
10+50	75.08		
10+75	100.63		
11+00	81.87		
11+25	98.63		
11+50	82.79		
11+75	96.63		
12+00	85.00		
12+25	94.63		
12+50	85.17		
12+75	92.70		
13+00	86.05		
13+25	91.28		
13+50	86.60		
13+75	90.44		
14+00	87.44		
14+25	90.18		
14+50	88.98		
14+75	90.50		
15+00	90.77		
15+25	91.39		
15+50	92.74		
15+75	92.87		
16+00	94.95		
16+25	97.34		
16+50	99.98		
17+00	102.68		