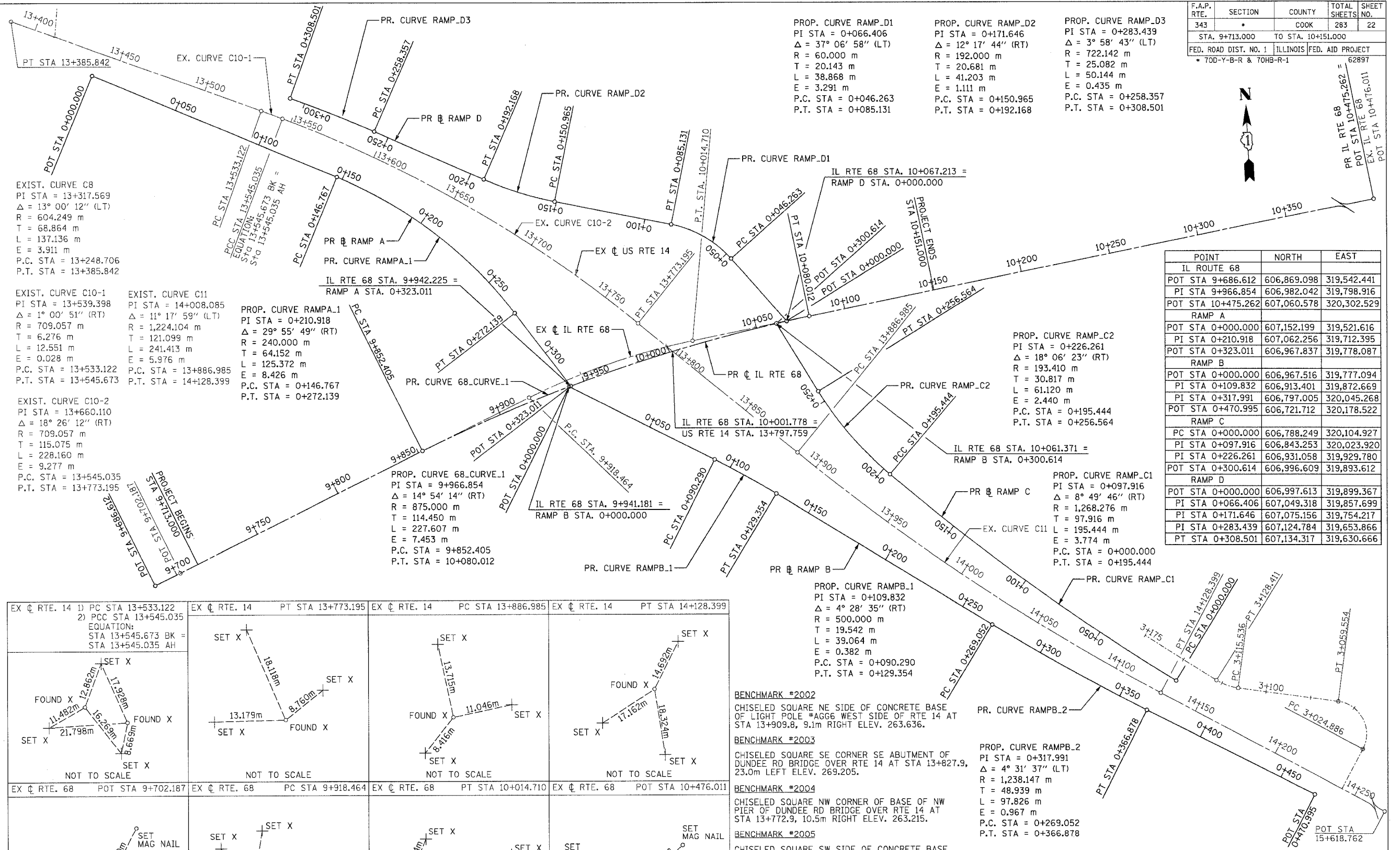


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	22
STA. 9+713.000 TO STA. 10+151.000				
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT 62897	
* 70D-Y-B-R & 70HB-R-1				

PROP. CURVE RAMP_D1
 PI STA = 0+066.406
 $\Delta = 37^\circ 06' 58''$ (LT)
 R = 60.000 m
 T = 20.143 m
 L = 38.868 m
 E = 3.291 m
 P.C. STA = 0+046.263
 P.T. STA = 0+085.131

PROP. CURVE RAMP_D2
 PI STA = 0+171.646
 $\Delta = 12^\circ 17' 44''$ (RT)
 R = 192.000 m
 T = 20.681 m
 L = 41.203 m
 E = 1.111 m
 P.C. STA = 0+150.965
 P.T. STA = 0+192.168

PROP. CURVE RAMP_D3
 PI STA = 0+283.439
 $\Delta = 3^\circ 58' 43''$ (LT)
 R = 722.142 m
 T = 25.082 m
 L = 50.144 m
 E = 0.435 m
 P.C. STA = 0+258.357
 P.T. STA = 0+308.501



EXIST. CURVE C8
 PI STA = 13+317.569
 $\Delta = 13^\circ 00' 12''$ (LT)
 R = 604.249 m
 T = 68.864 m
 L = 137.136 m
 E = 3.911 m
 P.C. STA = 13+248.706
 P.T. STA = 13+385.842

EXIST. CURVE C10-1
 PI STA = 13+539.398
 $\Delta = 1^\circ 00' 51''$ (RT)
 R = 709.057 m
 T = 6.276 m
 L = 12.551 m
 E = 0.028 m
 P.C. STA = 13+533.122
 P.T. STA = 13+545.673

EXIST. CURVE C10-2
 PI STA = 13+660.110
 $\Delta = 18^\circ 26' 12''$ (RT)
 R = 709.057 m
 T = 115.075 m
 L = 228.160 m
 E = 9.277 m
 P.C. STA = 13+545.035
 P.T. STA = 13+773.195

EXIST. CURVE C11
 PI STA = 14+008.085
 $\Delta = 11^\circ 17' 59''$ (LT)
 R = 1,224.104 m
 T = 121.099 m
 L = 241.413 m
 E = 5.976 m
 P.C. STA = 13+886.985
 P.T. STA = 14+128.399

PROP. CURVE RAMP_A.1
 PI STA = 0+210.918
 $\Delta = 29^\circ 55' 49''$ (RT)
 R = 240.000 m
 T = 64.152 m
 L = 125.372 m
 E = 8.426 m
 P.C. STA = 0+146.767
 P.T. STA = 0+272.139

PROP. CURVE 68_CURVE.1
 PI STA = 9+966.854
 $\Delta = 14^\circ 54' 14''$ (RT)
 R = 875.000 m
 T = 114.450 m
 L = 227.607 m
 E = 7.453 m
 P.C. STA = 9+852.405
 P.T. STA = 10+080.012

PROP. CURVE RAMP_B.1
 PI STA = 0+109.832
 $\Delta = 4^\circ 28' 35''$ (RT)
 R = 500.000 m
 T = 19.542 m
 L = 39.064 m
 E = 0.382 m
 P.C. STA = 0+090.290
 P.T. STA = 0+129.354

PROP. CURVE RAMP_C2
 PI STA = 0+226.261
 $\Delta = 18^\circ 06' 23''$ (RT)
 R = 193.410 m
 T = 30.817 m
 L = 61.120 m
 E = 2.440 m
 P.C. STA = 0+195.444
 P.T. STA = 0+256.564

PROP. CURVE RAMP_C1
 PI STA = 0+097.916
 $\Delta = 8^\circ 49' 46''$ (RT)
 R = 1,268.276 m
 T = 97.916 m
 L = 195.444 m
 E = 3.774 m
 P.C. STA = 0+000.000
 P.T. STA = 0+195.444

PROP. CURVE RAMP_B.2
 PI STA = 0+317.991
 $\Delta = 4^\circ 31' 37''$ (LT)
 R = 1,238.147 m
 T = 48.939 m
 L = 97.826 m
 E = 0.967 m
 P.C. STA = 0+269.052
 P.T. STA = 0+366.878

<p>EX C RTE. 14 1) PC STA 13+533.122 2) PCC STA 13+545.035 EQUATION: STA 13+545.673 BK = STA 13+545.035 AH</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 14 PT STA 13+773.195</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 14 PC STA 13+886.985</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 14 PT STA 14+128.399</p> <p>NOT TO SCALE</p>
<p>EX C RTE. 68 POT STA 9+702.187</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 68 PC STA 9+918.464</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 68 PT STA 10+014.710</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 68 POT STA 10+476.011</p> <p>NOT TO SCALE</p>

BENCHMARK #2002
 CHISELED SQUARE NE SIDE OF CONCRETE BASE OF LIGHT POLE #AG66 WEST SIDE OF RTE 14 AT STA 13+909.8, 9.1m RIGHT ELEV. 263.636.

BENCHMARK #2003
 CHISELED SQUARE SE CORNER SE ABUTMENT OF DUNDEE RD BRIDGE OVER RTE 14 AT STA 13+827.9, 23.0m LEFT ELEV. 269.205.

BENCHMARK #2004
 CHISELED SQUARE NW CORNER OF BASE OF NW PIER OF DUNDEE RD BRIDGE OVER RTE 14 AT STA 13+772.9, 10.5m RIGHT ELEV. 263.215.

BENCHMARK #2005
 CHISELED SQUARE SW SIDE OF CONCRETE BASE FOR LIGHT POLE EAST SIDE OF RTE 14 AT STA 13+605.9, 17.6m LEFT ELEV. 264.205.

BENCHMARK #2017
 CHISELED SQUARE NW ABUTMENT DUNDEE BRIDGE OVER UNION PACIFIC RAILROAD +/- 100m WEST OF RTE 14 ELEV. 269.746.

BENCHMARK #2018
 SET MAG NAIL IN WEST GUARDRAIL POST SOUTH SIDE OF DUNDEE EAST OF DUNDEE & ELA RD INTERSECTION ELEV. 265.839.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 68
 ALIGNMENT, TIES AND BENCHMARKS

SCALE 1:1000
 DATE OCTOBER, 2006

DRAWN BY WMB
 CHECKED BY PK