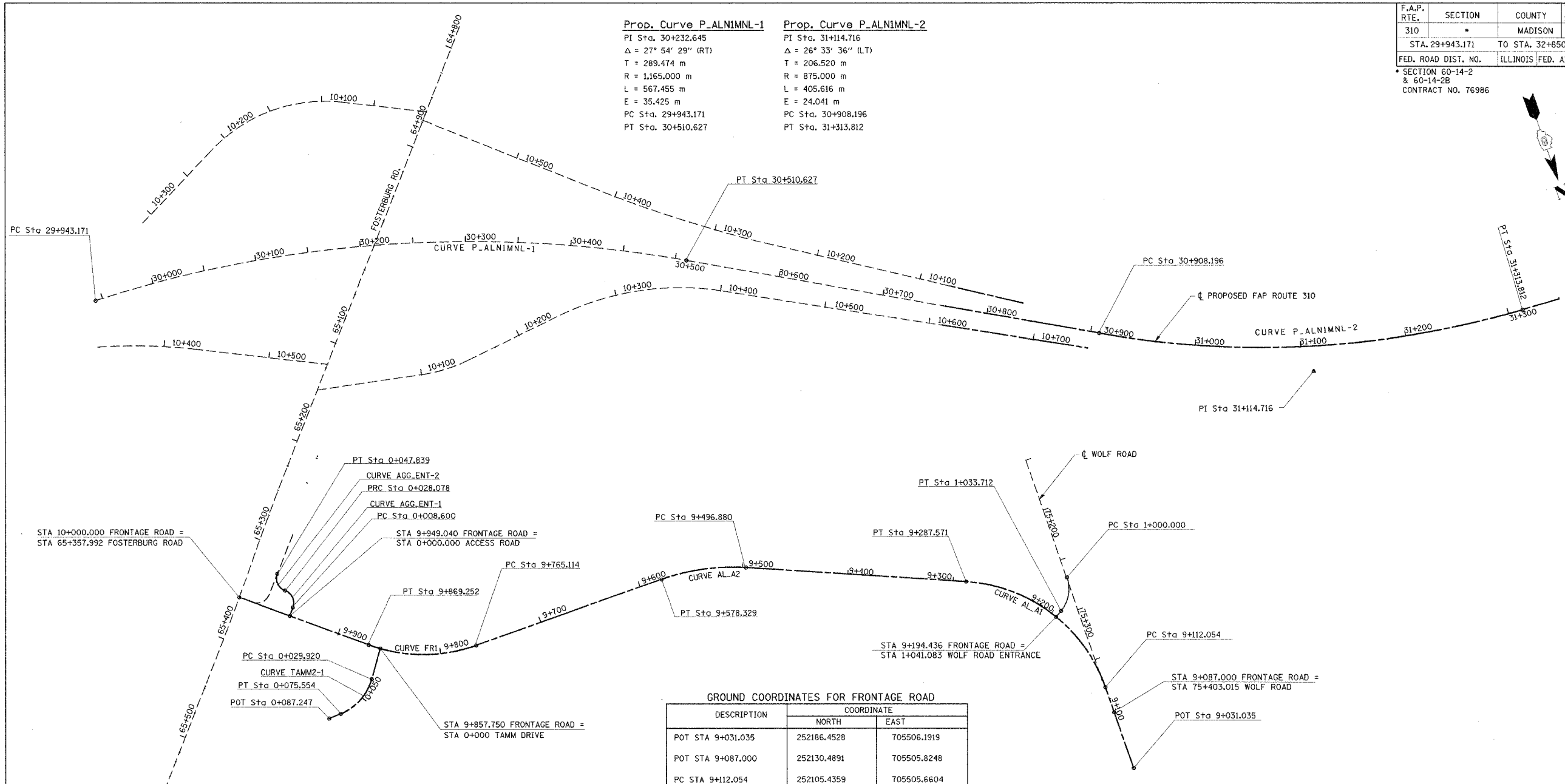


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	418	22
STA. 29+943.171		TO STA. 32+850.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14-2 & 60-14-2B CONTRACT NO. 76986				

Prop. Curve P-ALNIMNL-1
 PI Sta. 30+232.645
 $\Delta = 27^\circ 54' 29''$ (RT)
 T = 289.474 m
 R = 1,165.000 m
 L = 567.455 m
 E = 35.425 m
 PC Sta. 29+943.171
 PT Sta. 30+510.627

Prop. Curve P-ALNIMNL-2
 PI Sta. 31+114.716
 $\Delta = 26^\circ 33' 36''$ (LT)
 T = 206.520 m
 R = 875.000 m
 L = 405.616 m
 E = 24.041 m
 PC Sta. 30+908.196
 PT Sta. 31+313.812



GROUND COORDINATES FOR ACCESS ROAD

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 0+000.000	251781.6867	706211.7315
PC STA 0+008.600	251775.0774	706206.2291
PI STA 0+021.000	251765.5476	706198.2954
PRC STA 0+028.078	251757.6139	706207.8253
PI STA 0+040.765	251749.4968	706217.5754
PT STA 0+047.839	251739.9346	706209.2379

GROUND COORDINATES FOR TAMM ROAD

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 0+000.000	251839.7538	706141.2935
PC STA 0+029.920	251864.1478	706158.6186
PI STA 0+054.465	251884.1589	706172.8308
PT STA 0+075.554	251885.1546	706197.3551
POT STA 0+087.247	251885.6290	706209.0389

GROUND COORDINATES FOR FRONTAGE ROAD

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 9+031.035	252186.4528	705506.1919
POT STA 9+087.000	252130.4891	705505.8248
PC STA 9+112.054	252105.4359	705505.6604
PI STA 9+211.417	252006.0751	705505.0086
PT STA 9+287.571	251966.7194	705596.2452
PC STA 9+496.880	251883.8162	705788.4366
PI STA 9+538.177	251867.4594	705826.3558
PT STA 9+578.329	251867.4594	705867.6525
PC STA 9+765.114	251867.4590	706054.4373
PI STA 9+819.380	251867.4590	706108.7040
PT STA 9+869.252	251832.7384	706150.4095
POT STA 10+000.000	251749.0840	706250.8930

GROUND COORDINATES FOR FAP 310, (MAINLINE)

DESCRIPTION	COORDINATE	
	NORTH	EAST
PC STA 29+943.171	251438.0932	706284.2029
PI STA 30+232.645	251447.1354	705994.8705
PT STA 30+510.627	251590.5489	705743.4195
PC STA 30+908.196	251787.5160	705398.0716
PI STA 31+114.716	251889.8318	705218.6785
PT STA 31+313.812	251901.1365	705012.4684

GROUND COORDINATES FOR WOLF ROAD ENTRANCE

DESCRIPTION	COORDINATE	
	NORTH	EAST
PC STA 1+000.000	251995.1411	705504.9369
PI STA 1+018.493	252013.6338	705505.0582
PT STA 1+033.712	252023.1838	705520.8946
POT STA 1+041.083	252026.9900	705527.2062

PROP. CURVE AGG-ENT-1
 PI Sta = 0+021.000
 $\Delta = 90^\circ 00' 02''$ (LT)
 R = 12.400 m
 T = 12.400 m
 L = 19.478 m
 E = 5.136 m
 P.C. Sta = 0+008.600
 P.T. Sta = 0+028.078

PROP. CURVE AGG-ENT-2
 PI Sta = 0+040.765
 $\Delta = 91^\circ 18' 30''$ (RT)
 R = 12.400 m
 T = 12.687 m
 L = 19.761 m
 E = 5.340 m
 P.C. Sta = 0+028.078
 P.T. Sta = 0+047.839

PROP. CURVE TAMM2-1
 PI Sta = 0+054.465
 $\Delta = 52^\circ 17' 31''$ (RT)
 R = 50.000 m
 T = 24.544 m
 L = 45.633 m
 E = 5.699 m
 P.C. Sta = 0+029.920
 P.T. Sta = 0+075.554

PROP. CURVE FRI1
 PI Sta = 9+819.380
 $\Delta = 39^\circ 46' 41''$ (RT)
 R = 150.000 m
 T = 54.267 m
 L = 104.139 m
 E = 9.514 m
 P.C. Sta = 9+765.114
 P.T. Sta = 9+869.252

PROP. CURVE AL-A2
 PI Sta = 9+538.177
 $\Delta = 23^\circ 20' 00''$ (LT)
 R = 200.000 m
 T = 41.297 m
 L = 81.449 m
 E = 4.219 m
 P.C. Sta = 9+496.880
 P.T. Sta = 9+578.329

PROP. CURVE AL-A1
 PI Sta = 9+211.417
 $\Delta = 67^\circ 02' 33''$ (LT)
 R = 150.000 m
 T = 99.363 m
 L = 175.517 m
 E = 29.925 m
 P.C. Sta = 9+112.054
 P.T. Sta = 9+287.571

PROP. CURVE P-WOLF-1
 PI Sta = 1+018.493
 $\Delta = 58^\circ 31' 56''$ (RT)
 R = 33.000 m
 T = 18.493 m
 L = 33.712 m
 E = 4.828 m
 P.C. Sta = 1+000.000
 P.T. Sta = 1+033.712

PROP. CURVE P-ALNIMNL-1
 PI Sta = 30+232.645
 $\Delta = 27^\circ 54' 29''$ (RT)
 T = 289.474 m
 R = 1,165.000 m
 L = 567.455 m
 E = 35.425 m
 PC Sta = 29+943.171
 PT Sta = 30+510.627

PROP. CURVE P-ALNIMNL-2
 PI Sta = 31+114.716
 $\Delta = 26^\circ 33' 36''$ (LT)
 T = 206.520 m
 R = 875.000 m
 L = 405.616 m
 E = 24.041 m
 PC Sta = 30+908.196
 PT Sta = 31+313.812

REVISIONS

NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL
FRONTAGE ROAD
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14-2, 60-14-2B
 MADISON COUNTY
 DRAWN BY BANDY
 CHECKED BY STEUART
 DATE