

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-13	CHRISTIAN	437	147
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

POINT	FAP 322 (US 51)		SD 547 CONNECTOR		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	546+38.00	49.00 LT	49+51.00	72.00 RT	647.52
A2	546+56.21	51.83 LT	49+48.17	53.79 RT	647.38
A3	546+72.70	60.05 LT	49+39.95	37.30 RT	647.09
A4	546+85.92	72.89 LT	49+27.11	24.08 RT	646.68
A5	546+94.62	89.14 LT	49+10.86	15.38 RT	646.26
A6	546+97.97	107.26 LT	48+92.74	12.03 RT	645.83

POINT	SERVICE DRIVE 547		SD 547 CONNECTOR		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A6	9+90.99	29.57 RT	48+92.74	12.03 RT	645.83
A7	9+90.16	23.26 RT	48+86.42	12.86 RT	645.65
A8	9+87.38	17.52 RT	48+80.69	15.64 RT	645.46
A9	9+82.94	12.96 RT	48+76.12	20.08 RT	645.32
A10	9+77.29	10.01 RT	48+73.18	25.73 RT	645.38
A11	9+71.00	9.00 RT	48+72.16	32.02 RT	645.45

SERVICE DRIVE CURVE #1 DATA
 PI STA = 2+92.42 = 539+88.23 96.36' LT FAP 322
 $\Delta = 94^\circ 51' 13''$ (LT)
 D = 190° 59' 09"
 R = 30.00'
 T = 32.66'
 L = 49.67'
 E = 9.70'
 SE = NONE
 PC STA = 2+59.77 = 539+88.25 129.02' LT FAP 322
 PT STA = 3+09.43 = 540+20.77 99.11' LT FAP 322

SERVICE DRIVE CURVE #2 DATA
 PI STA = 7+59.36 = 544+69.11 136.95' LT FAP 322
 $\Delta = 4^\circ 51' 12''$ (RT)
 D = 1° 08' 45"
 R = 5000.00'
 T = 211.89'
 L = 423.53'
 E = 4.48'
 SE = NONE
 PC STA = 5+47.77 = 542+57.96 119.13' LT FAP 322
 PT STA = 9+71.00 = 546+81.00 136.84' LT FAP 322

POINT	SERVICE DRIVE 547		SD 547 CONNECTOR		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	10+32.03	9.00 RT	48+72.19	32.03 LT	644.98
B2	10+25.74	10.02 RT	48+73.21	25.73 LT	644.99
B3	10+20.08	12.96 RT	48+76.15	20.08 LT	645.04
B4	10+15.64	17.54 RT	48+80.73	15.63 LT	645.22
B5	10+12.87	23.28 RT	48+86.47	12.86 LT	645.47
B6	10+12.04	29.61 RT	48+92.79	12.03 LT	645.68

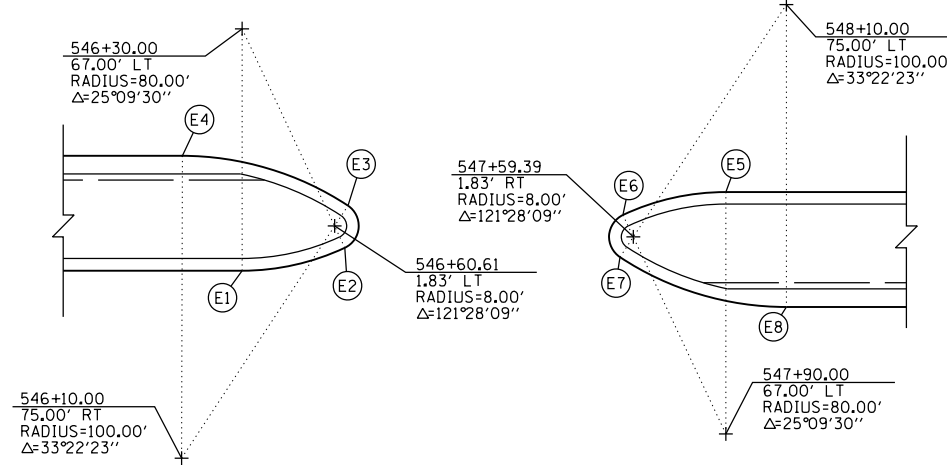
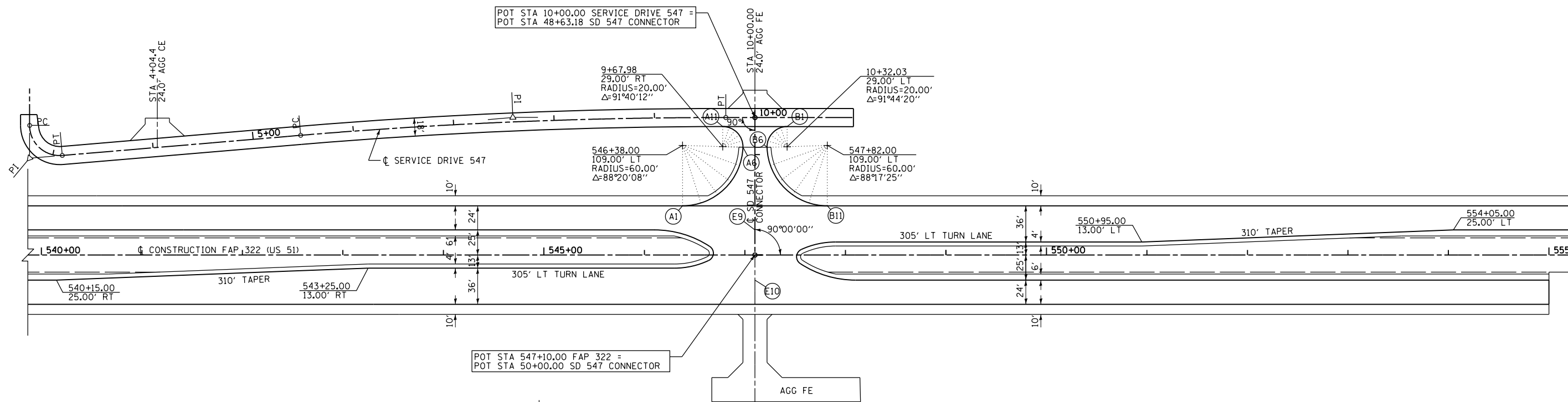
POINT	FAP 322 (US 51)		SD 547 CONNECTOR		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B6	547+22.03	107.21 LT	48+92.79	12.03 LT	645.68
B7	547+25.40	89.10 LT	49+10.90	15.40 LT	646.10
B8	547+34.10	72.87 LT	49+27.13	24.10 LT	646.52
B9	547+47.31	60.04 LT	49+39.96	37.32 LT	646.87
B10	547+63.80	51.83 LT	49+48.17	53.80 LT	647.04
B11	547+82.00	49.00 LT	49+51.00	72.00 LT	647.05

SD 547 CONNECTOR C & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION
48+72.17	0.00 RT	645.22	12.00 RT	645.31
49+00.00	0.00 RT	645.95	12.00 RT	646.02
49+25.00	0.00 RT	646.60	12.00 RT	646.66
49+51.00	0.00 RT	647.29	12.00 RT	647.33

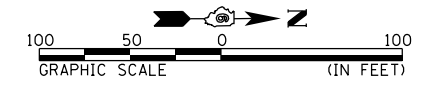
SD 547 CONNECTOR C & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION
48+72.18	0.00 RT	645.22	12.00 LT	645.13
49+00.00	0.00 RT	645.95	12.00 LT	645.88
49+25.00	0.00 RT	646.60	12.00 LT	646.55
49+51.00	0.00 RT	647.29	12.00 LT	647.25



POINT	FAP 322 (US 51)		SD 547 CONNECTOR		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	546+30.00	13.00 RT	N/A	N/A	647.31
E2	546+64.01	5.41 RT	N/A	N/A	647.21
E3	546+65.01	8.51 LT	49+91.49	44.99 RT	647.25
E4	546+10.30	25.00 LT	49+75.00	99.69 RT	647.62
E5	547+90.00	13.00 LT	49+87.00	80.00 LT	646.78
E6	547+55.99	5.41 LT	49+94.59	45.99 LT	646.91
E7	547+54.99	8.51 RT	N/A	N/A	646.95
E8	548+10.00	25.00 RT	N/A	N/A	646.95
E9	547+10.00	25.00 RT	N/A	N/A	647.29
E10	547+10.00	25.00 LT	49+75.00	0.00 RT	647.29

NOTES:
 ALL STATIONS, OFFSETS, AND ELEVATIONS SHOWN ARE FOR FINAL PAVING.
 SEE SHEETS ** FOR PLAN AND PROFILES.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GEOMETRIC DETAILS
 SERVICE DRIVE 547
 FAP 322 (US 51)
 SECTION 11-13
 CHRISTIAN COUNTY
 SCALE: DATE 7/12
 DRAWN BY: CHECKED BY:

10/5/2012
 D:\01\11es\010329\1 SOUTH PLANS NEW\CA00_Sheets\06\2\061-shl\geom\trc_data\107_50547.dgn