92677

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	44
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CROSSOVER "B" CURVE #1 DATA:

PI STA = 12+78.10
= 975+18.10 24.93' RT FAP 322
Δ = 6° 22' 01" (LT)
D = 1° 08' 45"
R = 5,000.00'
T = 278.10'
L = 555.62'
E = 7.73'
SE = 1.5%
PC STA = 10+00.00
= 972+40.00 24.93' RT FAP 322
PRC STA = 15+55.62
= 977+94.48 5.91' LT FAP 322
SE TRANSITION:
STA 14+89 (+1.5%) TO STA 16+22 (-1.5%)

PT STA 21+11.24 CROSSOVER "B" =
POT STA 983+48.96 36.75' LT FAP 322

PI STA 18+33.72

℄ CROSSOVER "B"

EX 24" RCCP

EX 12" RCCP

EX MEDIAN INLET

REMOVE EARTH DITCH
CHECK FOR DRAINAGE

BEGIN SHLD REMOVAL
STA 978+83.00

STA 979+26.95
2' STUB

REMOVE EX SHOULDER

CONSTRUCTION LIMITS

PRC

END SHLD REMOVAL
STA 984+19.73

STA 971+90.00
4' STUB

975+00

980+00

℄ CONSTRUCTION FAP 322

985+00

20' BIT PVMT

4'

END SHLD REMOVAL
STA 977+09.00

CONSTRUCTION LIMITS

STA 971+80.00 TO
STA 971+90.00
TEMPORARY RAMP

REMOVE EX SHOULDER

PI STA 12+78.10

STA 976+63.81
2' STUB

PC STA 10+00.00 CROSSOVER "B" =
POT STA 972+40.00 24.93' RT FAP 322

TR 121A

CROSSOVER "B" CURVE #2 DATA:

PI STA = 18+33.72
= 980+70.86 36.75' LT FAP 322
Δ = 6° 22' 01" (RT)
D = 1° 08' 45"
R = 5,000.00'
T = 278.10'
L = 555.62'
E = 7.73'
SE = 1.5%
PRC STA = 15+55.62
= 977+94.48 5.91' LT FAP 322
PT STA = 21+11.24
= 983+48.96 36.75' LT FAP 322
SE TRANSITION:
STA 14+89 (+1.5%) TO STA 16+22 (-1.5%)

TR 121A

N

100 50 0 100
GRAPHIC SCALE (IN FEET)

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE
GRADES CHECKED
R.O.W. NOTED
STRUCTURE NOTATIONS CHKD

GRADE SET BY 1.5% CROSS SLOPE OFF EOP EX US 51

BOP STA 10+00.00
MATCH EX ELEV = 618.38

VPI STA 13+99.47
ELEV = 616.93

-0.31%

VPI STA 17+13.67
ELEV = 615.96

GRADE SET BY 1.5% CROSS SLOPE OFF EOP EX US 51

EOP STA 21+11.24
MATCH EX ELEV = 614.47

EXISTING GROUND PROFILE

PR CROSSOVER "B" PROFILE GRADE

630 625 620 615 610 605 600 595 590

618.37 618.26 618.12 617.92 617.72 617.43 616.90 615.53 613.57 616.93 611.26 616.77 612.78 616.62 614.03 616.47 614.71 616.31 615.39 616.16 615.76 616.00 615.72 615.60 615.46 615.26 615.08 614.89 614.74 614.60

10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00

STAGE 1 - CROSSOVER "B" STA 10+00 TO STA 21+11

6/15/2005

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