72961

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-13	CHRISTIAN	437	88
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

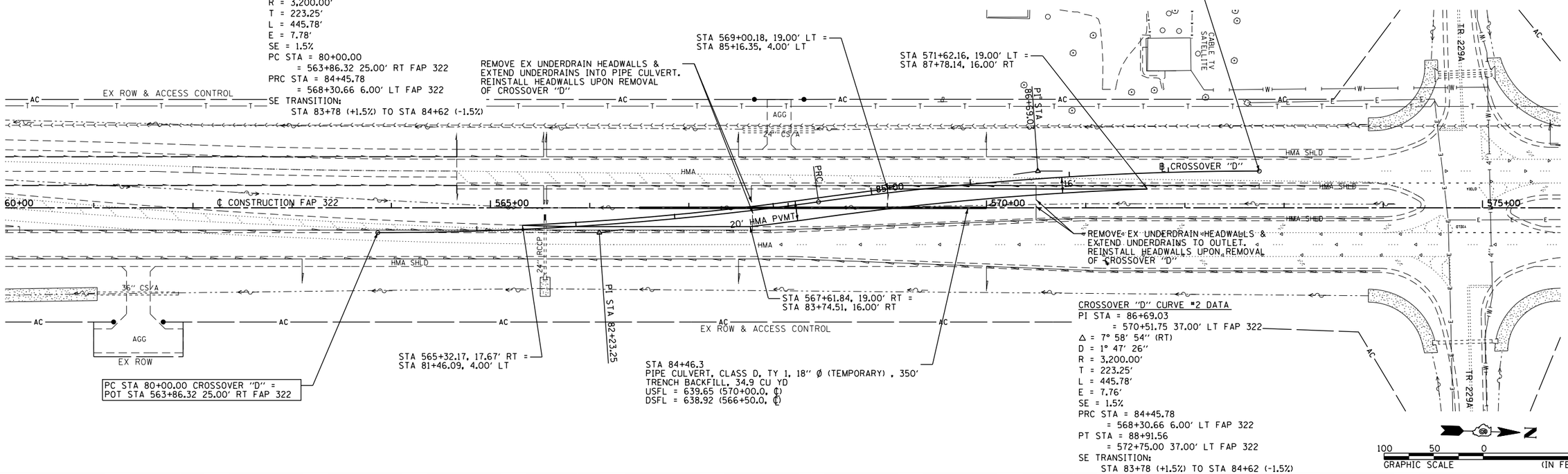
CROSSOVER "D" CURVE #1 DATA
PI STA = 82+23.25
= 566+09.57 25.00' RT FAP 322
Δ = 7° 58' 54" (LT)
D = 1° 47' 26"
R = 3,200.00'
T = 223.25'
L = 445.78'
E = 7.78'
SE = 1.5%
PC STA = 80+00.00
= 563+86.32 25.00' RT FAP 322
PRC STA = 84+45.78
= 568+30.66 6.00' LT FAP 322
SE TRANSITION:
STA 83+78 (+1.5%) TO STA 84+62 (-1.5%)

PT STA 88+91.56 CROSSOVER "D" =
POT STA 572+75.00 37.00' LT FAP 322

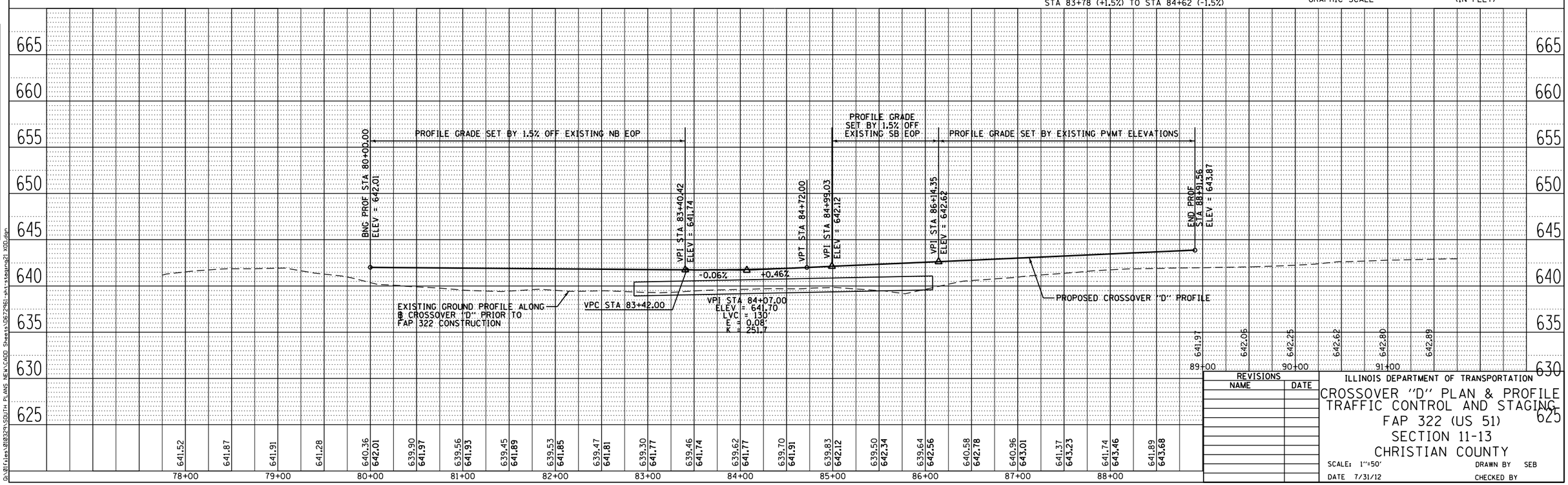
STA 569+00.18, 19.00' LT =
STA 85+16.35, 4.00' LT

REMOVE EX UNDERDRAIN HEADWALLS &
EXTEND UNDERDRAINS INTO PIPE CULVERT.
REINSTALL HEADWALLS UPON REMOVAL
OF CROSSOVER "D"

STA 571+62.16, 19.00' LT =
STA 87+78.14, 16.00' RT



CROSSOVER "D" CURVE #2 DATA
PI STA = 86+69.03
= 570+51.75 37.00' LT FAP 322
Δ = 7° 58' 54" (RT)
D = 1° 47' 26"
R = 3,200.00'
T = 223.25'
L = 445.78'
E = 7.76'
SE = 1.5%
PRC STA = 84+45.78
= 568+30.66 6.00' LT FAP 322
PT STA = 88+91.56
= 572+75.00 37.00' LT FAP 322
SE TRANSITION:
STA 83+78 (+1.5%) TO STA 84+62 (-1.5%)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CROSSOVER "D" PLAN & PROFILE
TRAFFIC CONTROL AND STAGING
FAP 322 (US 51)
SECTION 11-13
CHRISTIAN COUNTY

SCALE: 1"=50' DRAWN BY SEB
DATE 7/31/12 CHECKED BY

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / DGN FILE NAME / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

10/5/2012

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