72932

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-12	CHRISTIAN	284	182
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY		
		SURVEYED	
		PLOTTED	
		TRANSFERRED	
		AREAS	
		AREAS CHECKED	
FINAL SURVEY	NOTE BOOK	NO.	

DATE	BY		
		SURVEYED	
		PLOTTED	
		TRANSFERRED	
		AREAS	
		AREAS CHECKED	
ORIGINAL SURVEY	NOTE BOOK	NO.	

Mon-15-2010 12:28:49PM

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ℄ 10 20 30 40 50 60 70 80 90 100 110 120

625 620 615 610 605

EX ROW & AC

OUTLET UNDERDRAINS INTO PIPE

STAGE 2 , STAGE 1

620.80 620.78 620.60 620.36 620.60 620.58 620.40

0.1% 1.5% 2.0% 0.1% 1.5%

1:6 1:4 1:4 1:4

MED FL=617.28

SLOPE = 1.50%

USFL = 616.20

DSFL = 615.30

12.5′ 60.0′

773+00

INLET BOX, STD 542501, 1 EACH
PIPE CULVERT, CLASS A, TYPE 1, 24″ X 60′
CONCRETE FLARED END SECTION 24″, STD 542301, 1 EACH
GRATING FOR CONCRETE FLARED END SECTION 24″, STD 542311, 1 EACH
TRENCH BACKFILL, 5.8 CU YD

TOP OF GRATE = 616.94

SLOPE = 6.4%

DSFL = 611.46

USFL = 612.10

10.0′

EX DOUBLE 7′x6′ BOX CULVERT

PIPE PROFILE

TOP OF GRATE = 616.94

621.26 620.76 620.26 620.28 620.26 619.75 619.25

1:6 1:3 1:5 1:4

USFL = 612.10

24″ CLASS A

5.0′ 2.7′

767+50

MANHOLE, TYPE A, 5′-DIAMETER, WITH MEDIAN INLET (STD 604101), FLAT SLAB TOP, 1 EACH
PIPE CULVERT, CLASS A, TYPE 2, 24″ X 10′ (SEE PROFILE ON THIS SHEET)

TOP OF GRATE = 639.70

642.45 642.68 642.85 642.66 642.42 642.63 642.80 642.62

USFL = 636.04

SLOPE = 0.30%

DSFL = 635.54

SD FL=636.10

SD FL=635.50

80.9′ 6.0′ 72.0′

1.1′

688+37

SKEW = 13° LT AH

PIPE CULVERT, CLASS A, TYPE 2, 36″ Ø X 82′
MEDIAN INLET, STD 604101, 1 EACH
REINFORCED CONCRETE PIPE TEE, 36″ PIPE WITH 24″ RISER, STD 542606, 1 EACH
PIPE CULVERT, CLASS A, TYPE 2, 36″ Ø X 72′
CONCRETE FLARED END SECTION 36″ Ø, STD 542301, 2 EACH
TRENCH BACKFILL, 19.7 CU YD (LT) 25.6 CU YD (RT)

SCALE:
1″ = 10′ HORZ
1″ = 5′ VERT

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ℄ 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

PIPE SECTIONS - FAP 322 STA 688+37 TO STA 773+00

$FILE$