72932

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-12	CHRISTIAN	284	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RE-PLOTTED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / RE-PLOTTED / STRUCTURE NO(A)'NS CHKD

Mon-15-2018 8:54:21 AM

\$FILE\$

SEE SHEET 103 FOR INTERSECTION DETAILS

℄ EX US 51

EX ROW

47 STA 475+90.0 27.3' RT
PIPE CULVERT, CLASS D, TY 1, 15" Ø, 40'
USFL = 637.34 (475+70.2, 27.3' RT)
DSFL = 637.20 (476+10.2, 27.3' RT)

STA 475+90.0 2.0' AGG SHLD

PR ROW

603+11.65 170.00' LT

603+11.65 120.00' LT

11 STA 606+09.0 SKEW = 25° RT AH
DOUBLE PIPE CULVERT, CLASS A, TYPE 2, 48" Ø X 178', 48" X 88', 48" X 84'
MEDIAN INLET, STD 604101, 1 EACH
REINFORCED CONCRETE PIPE TEE, 48" PIPE WITH 24" RISER, STD 542606, 1 EACH
CAST-IN-PLACE REINF CONC END SECTION 48" DOUBLE (SEE SHEET 166)
TRENCH BACKFILL, 181.2 CU YD
USFL = 635.95 (605+73.7 77.2' LT)
DSFL = 635.54 (606+45.6 76.9' RT)
DRAINAGE AREA = 172 ACRES
Q50 = 182 CFS Q100 = 225 CFS

CONSTRUCTION LIMITS

PROPOSED ROW & AC

609+90.18 120.00' LT

STONE DUMPED RIPRAP CLASS B3

613+50.00 120.00' LT

℄ ASSUMPTION SOUTH CONNECTOR

PAUL H. YOUNG JR.
PARCEL NO 6085157

615+75.00 115.00' LT

STONE DUMPED RIPRAP CLASS B3

CONSTRUCTION LIMITS

PROPOSED ROW & AC

4' HMA SHLD

10' HMA SHLD

24' HMA PVMT

6' HMA SHLD

25'

25'

6' HMA SHLD

24' HMA PVMT

10' HMA SHLD

605+00

610+00 ℄ CONSTRUCTION FAP 322 (US 51)

25'

13' 4' HMA SHLD

36' HMA PVMT

90°00'00"

POT STA 614+65.01 FAP 322 =
POT STA 2+50.00 ASSUMPTION SOUTH CONNECTOR

48' HMA PVMT

615+00

13'

25'

4' HMA SHLD

MATCH LINE STA 603+00

MATCH LINE STA 618+00

11

12

13

STONE DUMPED RIPRAP CLASS A4
20.0' X 27.0'

609+90.18 115.00' RT

PC STA 609+90.18

PROPOSED ROW & AC

CONSTRUCTION LIMITS

614+40.00 115.00' RT
END AC

614+40.00 125.00' RT

TCE 0

STA 614+65.0 24.0' AGG FE

614+90.00 115.00' RT
END AC

614+90.00 125.00' RT

FAP 322 (US 51) CURVE *M1 DATA:
PI STA = 600+54.42
Δ = 25° 22' 36" (RT)
D = 1° 20' 00"
R = 4,297.18'
T = 967.49'
L = 1,903.25'
E = 107.57'
SE = 4.2%
PC STA = 590+86.93
PT STA = 609+90.18
SE ATTAINED STA 589+20 TO STA 591+50
(TR STA 589+20 TO STA 589+61)
SE REMOVED STA 609+27 TO STA 611+57
(TR STA 611+16 TO STA 611+57)

JANEANE BARROR
HEATHER RENEE IRVINE
& HOLLI NICOLE BARROR
PARCEL NO 6085156

12 STA 613+60.0 4.0' LT
MEDIAN INLET, STD 604101, 1 EACH
REINF CONC PIPE TEE, 24" PIPE W 24" RISER, STD 542606, 1 EACH
PIPE CULVERT, CLASS A, TYPE 2, 24"Ø X 80'
USFL = 636.52 DSFL = 636.11
CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
TRENCH BACKFILL, 19.1 CU YD

13 STA 614+65.0 88.5' RT
PIPE CULVERT, CLASS D, TY 1, 30" Ø, 86'
USFL = 636.19 (615+07.7, 88.5' RT)
DSFL = 636.12 (614+21.7, 88.5' RT)

NW 1/4 SEC 36, T13N, R1E, 3RD PM

100 50 0 100
GRAPHIC SCALE (IN FEET)

660 655 650 645 640 635 630 625 620

FAP 322 PROFILE GRADE

-0.30%

VPC STA 617+50.00
ELEV = 641.51

EXISTING GROUND PROFILE ALONG ℄ FAP 322

STA 606+34.4
DITCH CHECK STD 202001
TOP EL = 643.58

1:10 / 1:40

LT -0.30%
RT -0.33%

LT STA 605+64.00
ELEV = 636.00

RT STA 606+53.00
ELEV = 635.50

LT +0.08%
RT +0.08%

603+00	604+00	605+00	606+00	607+00	608+00	609+00	610+00	611+00	612+00	613+00	614+00	615+00	616+00	617+00	618+00
638.79 645.91	638.37 645.76	638.16 645.61	638.21 645.45	638.16 645.30	638.07 645.15	637.91 645.00	638.48 644.85	637.98 644.70	637.86 644.54	638.07 644.39	638.17 644.24	637.75 644.09	638.00 643.94	638.08 643.79	638.42 643.64	638.65 643.48	638.70 643.33	639.07 643.18	639.15 643.03	639.17 642.88	639.19 642.73	639.52 642.58	639.22 642.42	639.15 642.27	638.99 642.12	638.86 641.97	638.71 641.82	638.98 641.67	638.87 641.51	638.70 641.37

FAP 322 (US 51 STA 603+00 TO STA 618+00