72932

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-12	CHRISTIAN	284	84
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PR TR 193 CURVE DATA:
PI STA = 13+48.95
Δ = 4° 21′ 36″ (RT)
D = 2° 17′ 31″
R = 2,500.00′
T = 95.17′
L = 190.24′
E = 1.81′
SE = NONE
PC STA = 12+53.78
PRC STA = 14+44.02

MATCH LINE STA 610+00 (SHEET 85)

EX PAVEMENT REMOVAL

POT STA 20+00.00 EX TR 193 = POT STA 607+86.46 EX US 51

BEGIN CONSTRUCTION PC STA 12+53.78 = POT STA 18+94.43 EX TR 193

CONST LIMITS

10″ CLAY

10″ PLASTIC

AGG

PR TR 193 CURVE DATA:
PI STA = 15+04.12
Δ = 2° 45′ 15″ (LT)
D = 2° 17′ 31″
R = 2,500.00′
T = 60.10′
L = 120.18′
E = 0.72′
SE = NONE
PRC STA = 14+44.02
PT STA = 15+64.20

VIVIAN WENDLING
PARCEL NO 6085171

50 — STA 14+50.0
PIPE CULVERT, CLASS A, TY 1, 30″ ERS, 40′
USFL = 617.48 (17.8′ LT)
DSFL = 617.35 (26.2′ RT)
CONC FLARED END SECTION 30″ ERS, STD 542306, 2 EACH
TRENCH BACKFILL, 0.9 CU YD

51 — STA 15+00.0 24.0′ LT
PIPE CULVERT, CLASS D, TY 1, 18″ Ø, 50′
USFL = 618.26 (15+24.2, 24.0′ LT)
DSFL = 617.75 (14+74.2, 24.1′ LT)

SW ¼ SEC 25, T13N, R1E, 3RD PM

SW ¼ SEC 25, T13N, R1E, 3RD PM

PT STA 15+64.20 = POT STA 15+64.20 EX TR 193

END CONSTRUCTION POT STA 16+25.00

EX 15″ CMP R

STA 15+00.0 24′ AGG FE

14+18.12 54.04 LT (EX TR 195)

16+30.00 51.46 LT END AC

17+50.00 50.00 LT

EX ROW & AC

EX ROW

PRC

50

51

O&C

15+00

24′

+70.0

102°50′32″

20+00

℄ TR 193 S 89°35′54″ E

25+00 O&C

743+00.00 125.00 RT

743+50.00 115.00 LT

23+70.00 40.00 LT END AC

23+20.00 40.00 LT

24+75.00 40.00 LT

25+00.00 19.00 LT

25+00.00 28.00 RT

24+75.00 40.00 RT

23+20.00 40.00 RT

23+70.00 40.00 RT END AC

SOUTH LINE OF SW ¼ SEC 25

740+50.00 120.00 RT

740+70.00 115.00 LT

18+60.00 27.00′ RT EX SPBGR R

POT STA 13+59.63 EX TR 193 = POT STA 607+78.70 EX US 51

PR ROW

SEE SHEET 109 FOR INTERSECTION GEOMETRICS

EX 8′x4′ CONC BOX CULV (STRUCTURE NO. 3) R

606+85.00 60.00′ LT

STONE DUMPED RIPRAP CLASS A4

49

+28

+37

4′ HMA SHLD

HILER FARMS, INC
PARCEL NO 6085164

EX ROW

HMA

48 — STA 605+50.0 31.3′ LT
PIPE CULVERT, CLASS D, TY 1, 15″ Ø, 42′
USFL = 617.65 (605+29.2, 31.3′ LT)
DSFL = 617.54 (605+71.2, 31.3′ LT)

STA 605+50.0 24′ AGG FE

BEGIN CONSTRUCTION STA 606+20.00

EX 54″ CMP R

STA 15+00.0 24′ AGG FE

52

EX ROW

16+30.00 49.30 RT END AC

17+50.00 50.00 RT

EX ROW & AC

14+73.23 48.38 RT (EX TR 195)

14+21.82 76.21 RT (EX TR 195)

4′ HMA SHLD

STONE DUMPED RIPRAP CLASS B3

CONST LIMITS

GEORGE M. HILER
PENNY B. HILER
PARCEL NO 6085170

52 — STA 15+00.0 29.7′ RT
PIPE CULVERT, CLASS D, TY 1, 18″ Ø, 46′
USFL = 617.56 (15+22.5, 28.0′ RT)
DSFL = 617.41 (14+77.2, 31.5′ RT)

49 — STA 606+45.0
DOUBLE PIPE CULVERT, CLASS A, TY 1, 42″ Ø, 44′
USFL = 614.60 (21.8′ RT)
DSFL = 614.21 (22.2′ LT)
CAST-IN-PLACE REINF CONC END SECTION, STD 542121
TRENCH BACKFILL, 24.9 CU YD

POT STA 20+00.00 TR 193 = POT STA 741+89.32 FAP 322

CONSTRUCTION FAP 322

BRANYAN FARMS, INC.
PARCEL NO 6085169

NW ¼ SEC 36, T13N, R1E, 3RD PM

NW ¼ SEC 36, T13N, R1E, 3RD PM

100 50 0 100
GRAPHIC SCALE (IN FEET)

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
STRUCTURE NO.TA7N5 CHKD

TR 193 PROFILE

EX US 51 PROFILE

EX GROUND PROFILE

PR TR 193 PROFILE GRADE

BNG PROF STA 12+53.78 ELEV = 620.55

VPC STA 14+85.00

VPT STA 15+85.00

END PROF STA 16+25.00 ELEV = 621.74

+0.16%

+0.82%

RT STA 12+54 ELEV = 613.50

RT +0.34%

LT STA 13+00 ELEV = 618.50

RT STA 12+83 ELEV = 613.60

LT -0.67%

RT STA 14+15 ELEV = 617.20

LT STA 14+50 ELEV = 617.50

LT +1.03%

RT +0.33%

VPI STA 15+35.00 ELEV = 621.00 LVC = 100′ K = 0.08 ″ = 152.6

RT STA 16+25 ELEV = 617.90

LT STA 16+25 ELEV = 619.30

VPI STA 606+65.00 ELEV = 621.20 LVC = 130′ K = 0.20 ″ = 25.8

BNG PROF STA 606+20.00 ELEV = 621.09

VPRC STA 606+90.00

VPT STA 607+70.00

+0.24%

-1.69%

+1.04%

RT STA 606+10 ELEV = 617.70

LT STA 606+10 ELEV = 617.30

RT +3.73%

LT -0.33%

RT STA 607+04 ELEV = 616.90

VPC STA 606+40.00

LT STA 606+45 ELEV = 614.10

RT STA 606+45 ELEV = 614.70

LT STA 607+35 ELEV = 615.80

VPI STA 607+30.00 ELEV = 620.10 LVC = 80′ K = 0.27 ″ = 29.3

EOP TR 193 STA 607+72.21 ELEV = 620.64

635 630 625 620 615 610 605 600 595

622.16 621.22 620.81 620.63 620.54 620.62 621.12 620.70 621.15 620.78 620.86 620.86 620.95 620.95 621.18 621.16 621.56 621.53 621.97 622.61 623.47 624.45 625.43 626.42 627.40 627.44 621.02 621.06 621.08 621.11 621.14 621.17 620.62 621.21 620.38 621.23 621.23 621.22

17+00 18+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00 605+00 606+00 607+00 608+00 609+00

TR 193 & EXISTING US 51

*FILE#

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