SEC 22 T28N R9E 3rd PM 02-22-400-001
JULIA HALPIN

02-23-300-001
JULIA HALPIN
SEC 23 T28N R9E 3rd PM

IMPROVEMENT BEGINS
STATION 105+00.00

IMPROVEMENT ENDS
STATION 109+00.00

STONE RIPRAP CLASS A4

+80, 24' FE AGG

105+92 60' LT

P. CULV 42" EQRS

N 1600E

+69.03

TBT, TY 1, (SPECIAL) TANGENT

105+00 50' LT

105+45 50' LT

104+50 40' LT

PR ROW

EX ROW

STA 106+43.78 (IL 116) = STA 20+00.00 (N 1600E)

STA 106+32.17 (IL 116) = STA 10+00.00 (N 1600E)

2'CMP (MOD)

107+40 50' LT

PR DITCH FLOW LINE (TYP)

LIMITS OF CONSTRUCTION

109+00 50' LT

℄ STRUCTURE 027-2553
STA. 106+78.61

109+50 40' LT

EX ROW

PETROLEUM

162.5'
SPBGR, TY A

PR 3' AGG SHLD, TYP

50'
TBT, TY 1, (SPECIAL) TANGENT

+11.21

+23.71

+57.69

40'

AGG SHLD

IL RTE 116

ASPH

26' EX

13'

+72.00

+71.60

+82.70

+93.00

105+00

106

107

108

109

110+00

CP

BM

R 50'

80°18'16"

179°59'35.8"

90°4'46.6"

SPBGR (TBR)

SPBGR TO REMAIN

10'CMP

60'

+12.50

+00.00

62.5'

50' (TAPER 25:1)

SPBGR, TY A

24"P CULV (TBR)

R 88.0 RADIUS GUARDRAIL

104+50 40' RT

105+00 50' RT

105+35 50' RT

P. CULV 36" EQRS

105+93 80' RT

+33.00

+30.66

15"CMP (TBR)

O&C

+14.6, FE TO BE RELOCATED TO STA 8+50

106+94 73' RT

107+30 60' RT

108+50 60' RT

109+50 40' RT

HMA SURFACE REMOVAL BUTT JOINT

PAVEMENT REMOVAL

02-27-100-002
C.H. WALTERS ESTATE
c/o B. WHITE & M. OPPERMAN
SEC 27 T28N R9E 3rd PM

02-26-100-001
STANLEY & JANEEN DIETZ
SEC 26 T28N R9E 3rd PM

N

SCALE IN FEET
20 0 20

PLAN
SURVEYED / DRAWN / PLOTTED / GRADES CHECKED / R.O.W. AGENT CHECKED / BLM. NOTED / STRUCTURE (BOTTING CKD) / DATE / BY
NOTE BOOK
NO.
CADD FILE NAME

PROFILE
SURVEYED / DRAWN / PLOTTED / GRADES CHECKED / BLM. NOTED / STRUCTURE (BOTTING CKD) / DATE / BY
NOTE BOOK
NO.

675 670 665 660 655 650 645 640 635

200.00' V.C.
K = 370

90' HMA RAMP

60' HMA SURFACE REMOVAL BUTT JOINT

STA. 105+00

STA. 105+90 VPC

STA. 106+00

PROPOSED PROFILE GRADE ℄

EXISTING PROFILE GRADE ℄

VPI STA. 107+00.00 ELEVATION 658.90

VPT STA. 108+00

STA. 108+10

STA. 109+00

+0.24%

-0.30%

PROPOSED RIGHT DITCH PROFILE GRADE

-0.52%(RT)

-0.57%(LT)

PROPOSED LEFT DITCH PROFILE GRADE

2.48%(LT)

1.88%(LT)

+75.00 MATCH EXIST 653.49 (LT) 654.00 (RT)

+00.00 653.02 (LT) 653.38 (RT)

EXISTING STRUCTURE

36" EQRS CULVERT ℄ -1.55% (RT)

42" EQRS CULVERT ℄ -0.48% (LT)

-0.73% (RT)

+00.00 652.45 (LT) 652.85 (RT)

+15.00 652.34 (LT)

MATCH DITCH ℄

2' TYP.

P.G.E. LIMITS

+00.00 651.92 (LT) 651.44 (RT)

PROPOSED LEFT DITCH PROFILE GRADE

+0.75%(LT)

-0.28%(RT)

PROPOSED RIGHT DITCH PROFILE GRADE

+0.98%(LT)

+00.00 653.42 (LT) 650.88 (RT) MATCH EXIST (RT)

+50.00 MATCH EXIST 653.91 (LT)

658.34 | 658.37 | 658.41 658.41 | 658.43 658.54 | 658.46 658.66 | 658.47 658.75 | 658.46 658.76 | 658.42 658.71 | 658.39 658.60 | 658.34 658.44 | 658.29 658.29 | 658.12 | 657.93

104+00 104+50 105+00 105+50 106+00 106+50 107+00 107+50 108+00 108+50 109+00 109+50 110+00

FILE NAME = ⊕FILEL⊕	USER NAME = ⊕USER⊕	DESIGNED - JJO	REVISED -
		DRAWN - JJO	REVISED -
	PLOT SCALE = ⊕SCALE⊕	CHECKED - MSW	REVISED -
	PLOT DATE = ⊕DATE⊕	DATE - 08/04/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 116
PLAN & PROFILE

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	*	FORD/IROQUOIS	146	29
	S.N. 027-2553	CONTRACT NO. 66880		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 116 BR/I116 BR, (BR-2)BR, I & BR-31

24-8271

FARNSWORTH GROUP, INC.
CONSULTING ENGINEERS - 2709 MCGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / (309) 663-1571 FAX