SEC 20 T28N R10E 3rd PM

IMPROVEMENT BEGINS STATION 282+80

STA 283+08 GUTTER OUTLET W/ 12"x6' P. DRAIN @ 1.00% USFL=657.86 DSFL=657.80

STA 284+92 GUTTER OUTLET W/ 12"x6' P. DRAIN @ 1.00% USFL=657.81 DSFL=657.75

IMPROVEMENT ENDS STATION 285+20

CULTIVATION

50' TBT, TY 1 (SPECIAL) TANGENT

62.5' SPBGR, TY A

25' GUARDRAIL ATTACHED TO STRUCTURE

125' SPBGR, TY A

10" CMP

37.5' SPBGR, TY A (TAPER 25:1)

10'x10' STONE RIPRAP, CLASS A3

+04.00 35' LT

+96.00 35' LT

LIMITS OF CONSTRUCTION

EX ROW

PC Sta 282+00.20

+75.00

+17.50

SPBGR (TBR)

STA 283+28.75 TO STA 284+66.25 CONCRETE GUTTER, TYPE B

STONE RIPRAP CLASS A4, TYP

10'x10' STONE RIPRAP, CLASS A3

SPBGR TO REMAIN

40'

AGG SHLD

PR 5.25' AGG SHLD

+70.00

+88.78

+11.25

+30.00

281 282 283 284 285+00 286 287

IL RTE 116

ASPH

PR 7' AGG SHLD

60'

BM

℄ STRUCTURE 038-2549 STA. 284+00.00

18" CMP (TO REMAIN)

CP

+71.50

+88. FE EARTH

+12.50

+25.00

CONC

DRAINAGE DITCH

SEC 29 T28N R10E 3rd PM

CURVE DATA
PI STA. = 287+00.00
Δ = 0° 20' 56" (LT)
D = 0° 02' 06"
R = 164,092.42'
T = 499.80'
L = 999.59'
E = 0.76'
P.C. STA. = 282+00.20
P.T. STA. = 291+99.79

CULTIVATION
HMA SURFACE REMOVAL BUTT JOINT
PAVEMENT REMOVAL

N

20 0 20
SCALE IN FEET

PLAN
SURVEYED / DRAWN / ALIGNMENT CHECKED / RT. OF WAY CHECKED / ROAD FILE NAME
NOTE BOOK / NO.
BY / DATE

PROFILE
SURVEYED / DRAWN / GRADES CHECKED / ELEV. NOTED / STRUCTURE NOTATIONS CHKD
NOTE BOOK / NO.
BY / DATE

675 670 665 660 655 650 645 640

90' HMA RAMP @ 1:480

60' PAVEMENT

90' HMA RAMP @ 1:480

60' HMA SURFACE REMOVAL BUTT JOINT

60' HMA SURFACE REMOVAL BUTT JOINT

282+80

VPI STA. 283+70 ELEVATION 660.60

VPI STA. 284+30 ELEVATION 660.60

285+20

PROPOSED PROFILE GRADE @ ℄

EXISTING PROFILE GRADE @ ℄

0.00%

EXISTING STRUCTURE

P.C.E. LIMITS

D.H.W.E. 654.80

1 1 1 1

2' 2'

660.09 660.25 660.28 660.31 660.35 660.35 660.37 660.40 660.40 660.54 660.43 660.60 660.43 660.60 660.43 660.60 660.38 660.53 660.30 660.35 660.28 660.28 660.25 660.21 660.19 660.02

281+50 282+00 282+50 283+00 283+50 284+00 284+50 285+00 285+50 286+00 286+50

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	37
	S.N. 038-2549	CONTRACT NO. 66880		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 116 BR/(116 BR, (BR-2)BR, I & BR-3)

24-8271

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