ESCA CONSULTANTS, INC.
CIVIL & STRUCTURAL ENGINEERS
CHICAGO, ILLINOIS

MATCH LINE – STA. 44+00
SEE SHT. 16 FOR CONT.

PR PC STA. 44+19.48
STA. 45+50.00
100' LT
TBT TY 6A
EA. SIDE
TBT TY 1
SPECIAL (FLARED)
EA. SIDE
75' SPBGR TY A
EACH SIDE
EX ROW
GUARDRAIL REMOVAL
STA. 45+65
12" PE (AGG)
EX & PR PT STA. 45+94.48
PR TE
RON EADES
PARCEL #06-21-19-006-010-00
STA. 46+25.00
100' LT
+77
END PAVEMENT REMOVAL
TREE REMOVAL, ACRES
PR PT STA. 47+69.47
+60
GUARDRAIL REMOVAL
EX PT STA. 48+96.18
STA. 49+00
PAVING ENDS
BUTT JOINT
STONE RIPRAP CLASS A4
EX ROW
69°-00'-00"
66'
95'
130'
24'
55'
PR ROW
℄ FAS 535
STA. 45+11.75
40' RT
STA. 45+00
66' RT
STA. 45+00
55' RT
TREE REMOVAL, ACRES
STA. 47+47.33
40' RT
STA. 47+37.79
55' RT
STA. 48+65.84
40' RT
STA. 48+56.34
55' RT
30" PIPE CULVERT EXTENSION (TYP)
GUARDRAIL REMOVAL
TREE REMOVAL, ACRES
STA. 53+07.50
IMPROVEMENTS END
10'
STA. 53+69
PE (AGG)
+02.75
30' BRIDGE APPR SLAB
+08.75
6' APPR SLAB CONNECTOR

PROPOSED CURVE I
PI STA. = 45+94.48
Δ = 0°-47'-15"
R = 25,464.39'
T = 175.00'
L = 349.99'
E = 0.60'
e = NONE
PC STA. = 44+19.48
PT STA. = 47+69.47

JOHN L. & JULIA A. ARNOLD
PARCEL #06-21-19-006-008-00

N
40 0 40 80
SCALE IN FEET

VPI STA. 48+00
ELEV. 659.60
L= 200.00'
g_1 = +0.375%
g_2 = +0.00%
E= 0.09'
VPCC STA. 47+00.00
VPT STA. 49+00.00

VPI STA. 46+00
ELEV. 658.85
L= 200.00'
g_1 = +0.00%
g_2 = +0.375%
E= 0.09'
VPC STA. 45+00.00
VPCC STA. 47+00.00

PROPOSED PROFILE GRADE
+0.00% +0.375%
V.P.I. STA. 46+00.00
ELEV. 658.85
+0.375% +0.00%
V.P.I. STA. 48+00.00
ELEV. 659.60
STA. 49+00.00
END GRADE RAISE
EX ℄ FAS 535
(EX PG ELEV.)
(PR PG ELEV.)

675 670 665 660 655 650 645 640 635

656.14 658.85 | 656.68 658.85 | 657.68 658.94 | 658.62 659.24 | 659.32 659.51 | 659.60 659.60 | 659.67 | 659.70 | 659.84 | 660.42 | 661.99 | 663.70 | 665.60

44+00 45+00 46+00 47+00 48+00 49+00 50+00 51+00 52+00 53+00 54+00 55+00 56+00

PLAN
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
B.M. NOTED
STRUCTURE NOTATING DRYRD
NOTE BOOK
NO.
ALIGNMENT CHECKED
R/W CHECKED
CADD FILE NAME
BY DATE

PROFILE
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
B.M. NOTED
STRUCTURE NOTATING DRYRD
NOTE BOOK
NO.
BY DATE

FILE NAME = Z4401F02.dgn	USER NAME = HAS	DESIGNED - ELH	REVISED -
		DRAWN - HAS	REVISED -
	PLOT SCALE = 37.7778 ' / IN.	CHECKED - ELH	REVISED -
SCALES: (HORIZ) 1"=40' (VERT) 1"=5'	PLOT DATE = 5/25/2010 7:44:53 AM	DATE - 05/12/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAS 535 (SHADY REST ROAD) PLAN & PROFILE

SCALE: 1"=40' | SHEET NO. 3 OF 3 SHEETS | STA. 44+00 TO STA. 56+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
535	08-00255-00-BR	PIATT	62	17
		CONTRACT NO. 91436		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			