PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO.
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO'S/NG'S OKD
BY
DATE

2-C.C.
40'-120'
O/S = 5'

PROPOSED ℄ TR 1700 E

EXISTING R.O.W.

TR 1700 E

1703+45.00
13.64' LT
MATCH EXIST.

1703+45.00
10.41' RT
MATCH EXIST.

1703+82.50 ℄
AGG F.E.
35'

R=120'

PROPOSED R.O.W.

122+27.88
11.00' RT
744.84

R=40'

741.83

742.03

0.89%

1.45%

1.40%

742.64

742.29

1704+21.74
11.00' LT
743.71

1704+63.50
18.50' LT
744.62

2.13%

743.87

744.47

744.90

24.1'

22'

1.5%

2.15%

76.74' TAPER

1704+43.34
11.00' RT
744.31

742.48

R=40'

123+21.35
18.49' RT
745.37

1.00%

742.96

R=120'

123+64.87
11.00' RT
745.59

BEGIN IMPROVEMENTS
STA. 1703+45.00

EXISTING R.O.W.

PROP. R.O.W.

744.75

745.00

745.17

745.65

745.70

745.75

C.H. #4

0.50%

0.46%

11'

11'

122+04.17
11.00' LT
744.59

℄ STA. 122+83.42 (C.H.#4) =
℄ STA. 1705+00.00 (TR 1700 E)
Δ = 89°19'59.35"

R=120'

2-C.C.
40'-120'
O/S = 5'

CONSTRUCTION LIMITS (TYP.)

122+45.82
18.51' LT
744.89

1705+56.54
11.00' LT
745.62

1706+12.50 ℄
AGG F.E.
35'

742.96

743.40

744.43

2.29%

4.08%

R=40'

1.49%

745.57

745.79

746.00

1705+00

745.46

1705+78.12
11.00' RT
745.86

1706+50.00
10.92' LT
MATCH EXIST.

1706+50.00
11.27' RT
MATCH EXIST.

22'

22.2'

EXISTING R.O.W.

TR 1700 E

0.50%

0.47%

0.25%

1.32%

744.10

744.43

50.0' TAPER

1705+36.14
18.50' RT
745.66

R=40'

0.66%

123+38.7
11.00' LT
745.54

743.78

PROP. R.O.W.

R=120'

2-C.C.
40'-120'
O/S = 5'

℄ 1706+12.50
AGG F.E.
35'

T.E.

END IMPROVEMENTS
STA. 1706+50.00

EXISTING R.O.W.

N

H. SCALE: 1" = 20'
V. SCALE: 1" = 5'

760
755
750
745
740
735
730
725
720

BEGIN IMPROVEMENTS
STA. 1703+45.00
ELEVATION 740.85

+4.19%

+4.00%

MATCH EXISTING
RIGHT DITCH
ELEV = 739.00

PROPOSED RIGHT DITCH PROFILE

+86.78 EL. 742.60

+25.00 EL. 742.12

+25 LT
742.64

+50.00 LT
EL. 742.29

+50 RT
742.48

+73.22 EL. 745.05

K = 32
86.43' V.C.

VPI STA. 1704+30.00
ELEVATION 744.41

-1.40% LT
-1.45% RT

VPI STA. 1704+89.00
ELEVATION 745.30

+1.13%

VPI STA. 1705+11.00
ELEVATION 745.30

+1.08%

VPI STA. 1705+00.00
ELEVATION 745.48

PROPOSED ℄ PROFILE
TR 1700 E

+50.00 LT
EL. 743.40

+1.32% RT

+4.12% L

+50.00 RT
EL. 744.10

+50.00 LT & RT
EL. 744.43

EXISTING ℄ PROFILE

END IMPROVEMENTS
STA. 1706+50.00
ELEVATION 746.80

735.73
737.48
739.16
741.04
741.06
743.18
743.13
744.74
744.63
745.04
745.46
745.78
745.72
746.28
746.26
746.82
746.80
746.85

1702+00
1702+50
1703+00
1703+50
1704+00
1704+50
1705+00
1705+50
1706+00
1706+50
1707+00

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - AMH	REVISED -
		DRAWN - AMH	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - JLH	REVISED -
	PLOT DATE = #DATE#	DATE - MARCH 2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1700 E
PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 44 OF 174 SHEETS | STA. 1703+45.00 TO STA. 1706+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	12-00001-01-RS	KNOX	174	44
	COUNTY HIGHWAY #4	CONTRACT NO. 89614		
FED ROAD DIST NO. 4	ILLINOIS	FED. AID PROJECT	RS-0393 (105)	