WAYNE LOUIS SAUDER, TRUSTEE

PROPOSED ℄ COUNTY HIGHWAY #4

PROPOSED ENTRANCE APRON AND MAILBOX TURNOUT

PROPOSED DITCH FLOWLINE

CONSTRUCTION LIMITS

DITCH SUMMIT

PROPOSED R.O.W.

91+50.00 ℄ AGG F.E.

92+00.00 ℄ AGG F.E.

97+26.50 ℄ AGG P.E.

100+78.00 ℄ AGG F.E.

100+78.00 ℄ AGG P.E.

102+47.00 ℄ AGG P.E.

BARN

HOUSE

GARAGE

JAMES C. & BETTY J. CLIFFORD

PROPERTY LINE

TREES TO REMAIN

SHRUB AND LANDSCAPING TO BE REMOVED

LANDSCAPING TO REMAIN

EXISTING CULVERT AND FIELD ENTRANCE TO BE REMOVED

STA. 100+00.00
EXISTING 18" CLAY PIPE & HEADWALLS TO BE REMOVED
PROPOSED PIPE CULVERT, CL A, TY 1, 18"
40.0' @ 0.84% SLOPE
PROPOSED PRECAST REINF. CONC.
FLARED END SECTIONS, 18" - 2.0
UPSTREAM INV. ELEV. = 745.51
DOWNSTREAM INV. ELEV. = 745.06

DOUGLAS HORTENSE, ET AL

STA. 102+10.00, 21.3' RT
INLET TY A, TY 8 GRATE
RIM ELEV = 743.49
INV ELEV = 741.00

STATION 102+47.00, 22.3' RT
PIPE CULVERT, CL D, TY 1, 15"
76.0' @ 2.28% SLOPE
U/S ℄ = 741.00 (+10.00)
D/S ℄ = 739.27 (+86.00)
EXISTING CULVERT AND CONCRETE HEADWALLS TO BE REMOVED

PROPOSED MAILBOX TURNOUT

EXISTING PAVEMENT WIDTH VARIES

EXISTING R.O.W

MATCHLINE STA. 90+00.00

MATCHLINE STA. 105+00.00

C.H. #4

Δ 179°45'00"

DITCH SUMMIT

35'

22'

4'

EXISTING BURIED COPPER CABLE

EXISTING CULVERT AND CONCRETE HEADWALLS TO BE REMOVED

SIGN TO BE REMOVED

T.E.

FIBER OPTIC BOX

EXISTING CULVERT AND CONCRETE HEADWALLS TO BE REMOVED

STA. 93+35.00
EXISTING 18" CLAY PIPE & HEADWALLS TO BE REMOVED
PROPOSED PIPE CULVERT, CL A, TY 1, 18"
48.0' @ 2.06% SLOPE
PROPOSED PRECAST REINF. CONC. FLARED END SECTIONS, 18" - 2.0
UPSTREAM INV. ELEV. = 750.50
DOWNSTREAM INV. ELEV. = 749.26

STA. 96+32.00
EXISTING 18" CLAY PIPE & HEADWALLS TO BE REMOVED
PROPOSED PIPE CULVERT, CL A, TY 1, 18"
48.0' @ 2.06% SLOPE
PROPOSED PRECAST REINF. CONC.
FLARED END SECTIONS, 18" - 2.0
UPSTREAM INV. ELEV. = 748.62
DOWNSTREAM INV. ELEV. = 747.38

TREES TO REMAIN

TREES TO BE REMOVED 6", 6"

EXISTING EOP

PROPOSED R.O.W.

TANK

CHARLES W. NELSON

DAVID S. ERICKSON

*POWERPOLES TO BE RELOCATED BY UTILITY COMPANY PRIOR TO CONSTRUCTION

N

H. SCALE: 1" = 50'
V. SCALE: 1" = 5'

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO(S)/FAS OR/RD
BY
DATE

K = 249
100.00' V.C.

PROPOSED ℄ PROFILE COUNTY HIGHWAY #4

PROPOSED PIPE CULVERT

EXISTING ℄ PROFILE

VPI STA. 91+14.00
ELEVATION 755.48

VPI STA. 95+50.00
ELEVATION 753.30

VPI STA. 101+98.00
ELEVATION 747.46

K = 44
250.00' V.C.
SPEED = 40 MPH

K = 114
320.00' V.C.
SPEED = 55 MPH

PROPOSED INLET

PROPOSED LEFT DITCH PROFILE

PROPOSED RIGHT DITCH PROFILE

PROPOSED PIPE CULVERT

PROPOSED PIPE CULVERT

760 755 750 745 740 735 730 725 720

90+00 91+00 92+00 93+00 94+00 95+00 96+00 97+00 98+00 99+00 100+00 101+00 102+00 103+00 104+00 105+00

751.77 752.76 | 753.35 753.60 | 754.36 754.22 | 754.73 754.62 | 754.21 754.81 | 753.55 754.77 | 753.21 754.55 | 752.99 754.30 | 752.95 754.05 | 752.74 753.80 | 752.49 753.55 | 752.06 753.25 | 751.59 752.85 | 751.18 752.40 | 751.28 751.94 | 751.13 751.49 | 750.80 751.04 | 750.20 750.59 | 749.66 750.14 | 749.00 749.69 | 748.56 749.24 | 748.07 748.79 | 747.66 748.26 | 747.03 747.22 | 745.95 745.62 | 744.10 743.45 | 741.44 740.72 | 738.60 737.51 | 735.08 734.26 | 731.71 731.33 | 728.55 728.79

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

COUNTY HIGHWAY #4
PLAN & PROFILE SHEET

SCALE: 1"=50' | SHEET NO. 36 OF 174 SHEETS | STA. 90+00.00 TO STA. 105+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	12-00001-01-RS	KNOX	174	36
	COUNTY HIGHWAY #4		CONTRACT NO. 89614	
FED ROAD DIST NO. 4	ILLINOIS	FED. AID PROJECT	RS-0393 (105)	