EDWARD E. & PATSY J. EKSTEDT, TRUSTEE

PROPERTY LINE

LAWRENCE W. & CHRISTINE JOHNSON

ERIC E. & NANCY J. EKSTEDT

LAWRENCE W. & CHRISTINE JOHNSON

BARBARA E. & ALFRED O. PAULUS

MATCHLINE STA. 135+00.00

MATCHLINE STA. 150+00.00

STA 137+43.00
EXISTING 18" CLAY PIPE & HEADWALLS TO BE REMOVED
PROPOSED PIPE CULVERT, CL A, TY 1, 24"
40.0' @ 0.59% SLOPE
PROPOSED PRECAST REINF. CONC. FLARED END SECTIONS, 24" - 2.0
UPSTREAM INV. ELEV. = 743.81
DOWNSTREAM INV. ELEV. = 743.50

STATION 138+50.00, 25.9' LT
PIPE CULVERT, CL D, TY 1, 15"
62.0' @ 1.39% SLOPE
U/S ℄ = 745.66 (+80.00)
D/S ℄ = 744.80 (+18.00)

STATION 146+00.00, 31.1' LT
PIPE CULVERT, CL D, TY 1, 15"
57.0' @ 3.33% SLOPE
U/S ℄ = 738.38 (+26.00)
D/S ℄ = 736.48 (+69.00)
REMOVE EXISTING CULVERT

STA 145+12.89
EXISTING 30" CULVERT & HEADWALLS TO BE REMOVED
PROPOSED PRECAST CONCRETE BOX CULVERT, 4'X3'
62.0' @ 1.27% SLOPE
ASTM C 1577, SKEW = 0°, DESIGN FILL = 3.29' MAX.
PROPOSED BOX CULVERT END SECTIONS, CULVERT NO. 2 - 2.0
UPSTREAM INV. ELEV. = 734.61
DOWNSTREAM INV. ELEV. = 733.82

PROPOSED ℄ COUNTY HIGHWAY #4

SIGN TO BE REMOVED

DITCH SUMMIT

PROPOSED R.O.W.

EXISTING R.O.W.

PROPOSED STONE RIPRAP, CLASS A4

EXISTING CULVERT TO BE REMOVED

EXISTING EOP

EXISTING PAVEMENT WIDTH VARIES

PINE TREES TO REMAIN - 7

SHRUBS TO REMAIN

TREE TO REMAIN

PROPOSED ENTRANCE APRON AND MAILBOX TURNOUT

EXISTING BURIED COPPER CABLE

CONSTRUCTION LIMITS

PROPOSED DITCH FLOWLINE

C.H. #4

HOUSE

BARN

TANK

GRAIN BINS

T.E.

CHARLES P. & KATHRYN M. DECRANE

EDWARD & PATSY EKSTEDT, TRUSTEE

DONALD S. & REBECCA K. ERICKSON

•POWERPOLES TO BE RELOCATED BY UTILITY COMPANY PRIOR TO CONSTRUCTION

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

PROFILE

PROPOSED ℄ PROFILE COUNTY HIGHWAY #4

EXISTING ℄ PROFILE

PROPOSED PIPE CULVERT

PROPOSED BOX CULVERT

PROPOSED LEFT DITCH PROFILE

PROPOSED RIGHT DITCH PROFILE

K = 79
372.00' V.C.
SPEED = 45 MPH

K = 89
280.00' V.C.
SPEED = 50 MPH

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

VPI STA. 141+70.00
ELEVATION 744.03

VPI STA. 144+68.00
ELEVATION 738.9

VPI STA. 141+35.00
ELEVATION 748.90

760 755 750 745 740 735 730 725 720

135+00 136+00 137+00 138+00 139+00 140+00 141+00 142+00 143+00 144+00 145+00 146+00 147+00 148+00 149+00 150+00

FILE NAME = #FILE#	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. 39 OF 174 SHEETS | STA. 135+00.00 TO STA. 150+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	12-00001-01-RS	KNOX	174	39
	COUNTY HIGHWAY #4	CONTRACT NO. 89614		
FED ROAD DIST NO. 4	ILLINOIS	FED. AID PROJECT	RS-0393 (105)	