PI STA. 384+35.70
Δ = 0° 06' 00"
NO CURVE

PI STA 384+35.70

LT. STA. 383+90 TO LT. STA. 384+36
PCBC 3'x2' = 40 FOOT
BOX CUL END SEC C1 = 1 EACH

STATION 385+67
DOUBLE 10'X5' REINFORCED CONCRETE BOX CULVERT
LENGTH = 39'-0"
SKEW = 30°
PROPOSED STRUCTURE NO. 041-2019

LIMITS OF CONSTRUCTION

EXISTING RAILROAD BRIDGE

EXISTING R.O.W. LINE

UNION PACIFIC R.R.

RAILROAD CROSSING

RAILROAD

7'x10' RIPRAP CLASS A4, 3' FLAT BOTTOM
W/SIDESLOPES TO MATCH PROPOSED SLOPES

EAST LANG LANE

WEST PALMER LANE

90°38'34.79"

3' AGG SHOULDER

32'

11'

11'

HMA SURFACE

38'

3'x2' BOX CULVERT

W1

W1

+77.30

+77.30

MATCH LINE STA. 382+80

383

384

385+00

386

387

388

F.A.S. 2869 / IL. 37

℄ PROPOSED IMPROVEMENT

3' AGG SHOULDER

7'

11'

60°

68'

TIMBER

TIMBER

IDOT CP=410922

SIGN POST

P.P. W/LIGHT & TRANS.

W. END OF 15" RCCPA

IDOT CP=410922
IRON PIN W/CAP
N. 558278.801
E. 820428.184

72.2'

16.1'

7.2'

BEGIN IMPROVEMENT
STA. 383+90

LIMITS OF CONSTRUCTION
88°49'30.66"

BEGIN PAVING
STA. 385+31

END PAVING
STA. 386+02

END IMPROVEMENT
STA. 387+70

EXISTING R.O.W. LINE

0 20' 40'
GRAPHIC SCALE

PAVEMENT REMOVAL

EXISTING STRUCTURE NO. 041-0092

STATION 385+67 - SINGLE SPAN CAST IN PLACE CONC. SLAB BRIDGE WITH CONCRETE RAILING ON CLOSED CONCRETE ABUTMENTS AND WINGWALLS.
20.8' BK.-BK. ABUTS; 40.33' o.-o. DECK

BM#H-216 - TOP OF WINGWALL
21' LT., STA. 385+45
ELEV. 418.34

PCC PAVEMENT 10"

VPI STA. 385+31
ELEV. 418.46

VPI STA. 386+02
ELEV. 418.40

PROPOSED ℄ GRADE

100 YEAR H.W. ELEV. 417.96
50 YEAR H.W. ELEV. 417.62

-0.08%

SUBBASE GRANULAR MATERIAL TYPE A 12"

SUBBASE GRANULAR MATERIAL TYPE A 12"

1:1 ⊘ RIGHT ℄'s

EXISTING ℄ GRADE

EXISTING 3'x2' BOX CULVERT

383+89.58 LT.
ELEV. 413.81

384+36 RT.
ELEV. 413.74

PROPOSED 3'x2' BOX CULVERT

POROUS GRANULAR EMBANKMENT & CHANNEL EXCAVATION

APPROXIMATE LIMITS OF EXCAVATION AND MAXIMUM PAY LIMITS OF POROUS GRANULAR EMBANKMENT. OUTER 3'-0" OF CULVERT SHALL BE BACKFILLED WITH IMPERVIOUS MATERIAL AT EACH END.

℄ ELEV. 411.6

U.S.F.L. ELEV. 411.65
D.S.F.L. ELEV. 411.55

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL & ROCK FILL FOUNDATION

440 435 430 425 420 415 410 405 400

418.10 418.12 418.14 418.26 418.43 418.44 418.42 418.39 418.38 418.32 418.24 418.09 418.06 417.99

383+00 383+50 384+00 384+50 385+00 385+50 386+00 386+50 387+00 387+50 388+00 388+50

PLAN: SURVEYED — PLOTTED — DRAWN — CHECKED — NOTE BOOK — NO. — BY — DATE — ALIGNMENT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME

PROFILE: SURVEYED — PLOTTED — DRAWN — CHECKED — NOTE BOOK — BM. NOTED — NO. — BY — DATE — STRUCTURE NOTATNS CHKD

FILE NAME = c:\pw_work\pwidot\lavenderba\d0328478\E78148\SHEETS\plnprf2.dgn	DESIGNED - L.F.S.	REVISED -	
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	DRAWN - T.W.K.	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - J.W.F.	REVISED -	
PLOT DATE = 10/12/2012	DATE - 10/04/12	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
IL. 37

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2869	2B-1	JEFFERSON	36	13
		CONTRACT NO. 78148		
		ILLINOIS FED. AID PROJECT		