ESCA CONSULTANTS, INC.
CIVIL & STRUCTURAL ENGINEERS

SCALE IN FEET 20 0 20 40

N

SEC. 33, T5N, R10W, 3RD P.M.

MATCH LINE STA. 703+00
SEE SHT. 7 FOR CONT.

MATCH LINE STA. 708+50
SEE SHT. 9 FOR CONT.

USE AGGREGATE SURFACE COURSE TYPE B OVER EX ENTRANCE TO 25' LT

℄ EX SN 051-0035
STA 705+40
SINGLE SPAN
RC T-BEAM BRIDGE
25'-4" OUT TO OUT WIDTH
53'-9" BK TO BK ABUTMENTS
TO BE REMOVED

UNNAMED STREAM

TILLAGE LIMITS

704+00 BUTT JOINT BEGIN PAVING

24" SCP

EX ROW

48"

60"

23" 16"

40'-0"

TBT TY 1 (SPL) TANGENT

+15.96 FE (AGG)

+40

+50

+90

69' GUARDRAIL REMOVAL

81' GUARDRAIL REMOVAL

350' SPBGR TY A

+00

11'±

704+00

705+00

706+00

707+00

℄ IL 33

708+00

37°

+22

62.5' SPBGR TY A

+72

13'-4½"

+92.74 FE (AGG)

+18

+68

81' GUARDRAIL REMOVAL

56' GUARDRAIL REMOVAL

200' SPBGR TY A

707+88.5

708+00 BUTT JOINT END PAVING

10'

4'

2:1

90'-0"

30'-0"

USE AGGREGATE SURFACE COURSE TYPE B OVER EX ENTRANCE TO 50' RT

FLOW

TOP OF BANK

℄ PR REPLACEMENT SN 051-2008
STA 705+40
TRIPLE 11' SPAN x 9' HEIGHT
BOX CULVERT
30'-0" ROADWAY WIDTH
57'-10½" OUT TO OUT HEADWALLS

LEGEND
PAVEMENT REMOVAL
HMA SHOULDERS

SEC. 33, T5N, R10W, 3RD P.M.

BENCHMARK: BM 511 EL 421.12 (NAVD 88)
CHISELED SQUARE ON TOP OF SOUTHWEST WING OF SN 051-0035

PLAN: SURVEYED — DATE; AS-BUILT — BY; NOTE BOOK — NO.; ALIGNMENT CHECKED — DATE; R.O.W. STAKED — BY; CROSS FILE NAME

PROFILE: SURVEYED — DATE; AS-BUILT — BY; GRADES CHECKED — DATE; BM. NOTED — BY; NOTE BOOK — NO.; STRUCTURE NOTATIONS CHKD

EX PG IL 33

STA 704+00 MATCH EXISTING

℄ STRUCTURE STA 705+40

0.00%

PR PG IL 33

STA 708+00 MATCH EXISTING

D.H.W. ELEV. 416.3

EXISTING STRUCTURE

PROPOSED TRIPLE 11' S x 9' R BOX CULVERT

430 425 420 415 410 405 400 395 390

421.68 | 421.61 | 421.50 (EX PGL) 421.50 (PR PGL) | 421.44 421.50 | 421.35 421.50 | 421.32 421.50 | 421.38 421.50 | 421.41 421.50 | 421.43 421.50 | 421.47 421.50 | 421.50 421.50 | 421.50

703+00 +50 704+00 +50 705+00 +50 706+00 +50 707+00 +50 708+00 +50

FILE NAME = D774105-sht-plnprf02.dgn	USER NAME = staffenmk	DESIGNED - DAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 781 (IL 33) PLAN AND PROFILE
	ESCA JOB NO. 933.13	DRAWN - HAS	REVISED -		
SCALES: (HORIZ) 1"=10' (VERT) 1"=5'	PLOT SCALE = 0.16667 ' / in.	CHECKED - ELH	REVISED -		SCALE: 1"=20'-0" | SHEET NO. 2 OF 3 SHEETS | STA. 703+00 TO STA. 708+50
	PLOT DATE = 6/27/2014 08:08 PM	DATE - 05/10	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	109B-1	LAWRENCE	34	8
		CONTRACT NO. 74105		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		