CONTRACT NUMBER 98645

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
853	6B-1	FRANKLIN	44	8
FED ROAD DIST NO. 7	ILLINOIS	FED AID PROJECT		

℄ EXISTING COUNTY RD
(MOSES DAM RD)

MOSES DAM ROAD

P.I. STA. = 149+86.23

℄ PROPOSED STRUCTURE NO. 028-0075
STA 149+71.25
58'-6" BK TO BK ABUTMENTS
36'-6" CLEAR WIDTH
39'-8" OUT TO OUT

PROPOSED PIPE CULVERT
CLASS C, TYPE 2, 54"
STA. 152+58.42, 42'-3" LT.
USFL = 401.89'
DSFL = 401.67'

℄ EXISTING FAP 853 (IL 14)

RELOCATED FEL
+58.42
W=24'

END PROJECT
STA. 153+25.00

EXISTING ROW

PROPOSED ROW

PROPOSED CONSTRUCTION LIMITS

145+00

150+00

9" KINK

BEGIN PROJECT
STA. 146+30.00

EXIST. CURVE 1
PI STA. = 140+89.72
Δ = 47° 48' 09" (LT)
D = 2° 29' 59"
R = 2,292.01'
T = 1,015.74'
L = 1,912.25'
P.C. STA. = 130+73.98
P.T. STA. = 149+86.23

℄ EXISTING STRUCTURE NO. 028-0023
STA 149+75.00
30'-0" BK TO BK ABUTMENTS
30'-2" CLEAR WIDTH
32'-2" OUT TO OUT

RELOCATED FER
+58.45
W=24'

PROPOSED PIPE CULVERT
CLASS C, TYPE 4, 24"
STA. 151+51.2, 37'-6" RT.
USFL = 403.78'
DSFL = 403.28'

30' 0 15' 30'

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

PROPOSED ROADWAY PROFILE

55' TRANSITION TO BUTT JOINT

PROJECT BEGINS
STA. 146+30.00
ELEVATION 410.23

+0.29%

VPC STA. 147+00.00
ELEVATION 410.43

200.00' V.C.

VPT STA. 148+00.00
ELEVATION 411.13

+0.70%

-0.05%

TRANSITIONAL RAMP
40:1 MIN.

VPT STA. 149+00.00
ELEVATION 411.08

STA 149+42.00

58'-6"

STA 150+00.50

VPC STA. 150+40.00
ELEVATION 411.01

200.00' V.C.

TRANSITIONAL RAMP
40:1 MIN.

-0.05%

VPI STA. 151+40.00
ELEVATION 410.96

-0.41%

VPT STA. 152+40.00
ELEVATION 410.55

-0.46%

55' TRANSITION TO BUTT JOINT

PROJECT ENDS
STA. 153+25.00
ELEVATION 410.16

410.02

EXISTING RIGHT DITCH PROFILE

EXISTING ROADWAY PROFILE

+65

DHW 50 406.5

+77

ELEV 402.31

EXISTING RIGHT DITCH PROFILE

ELEV 400.23

PROPOSED 0.6% LEFT DITCH PROFILE

EXISTING LEFT DITCH PROFILE

PROPOSED 0.8% RIGHT DITCH PROFILE

ELEV 405.13

410.04

ELEV 402.03

PROPOSED LOW BEAM
ELEV 407.50

EXIST LOW BEAM
ELEV 407.20

PROPOSED STREAMBED
ELEV ± 397.90

EXIST STREAMBED
ELEV ± 397.37

BENCHMARK, SQUARE CUT ON NE WINGWALL
OF STRUCTURE NO 028-0023 - ELEV 409.29

425 420 415 410 405 400 395 390 385

146+00	146+50	147+00	147+50	148+00	148+50	149+00	149+50	150+00	150+50	151+00	151+50	152+00	152+50	153+00	153+50	154+00	154+50
410.00 410.12	410.01 410.29	410.01 410.43	409.97 410.73	409.97 410.94	409.95 411.06	409.94 411.08	409.93 411.06	409.93 411.03	409.90 411.00	409.83 410.95	409.86 410.85	409.98 410.70	409.97 410.50	409.91 410.27	409.95 410.11	410.10	410.20

PLAN/PROFILE – IL 14 OVER DRUMMOND BRANCH

SN 028-0075

PLAN: DRAWN, PLOTTED, ALIGNMENT CHECKED, ALL MATCH LINES AGREED, CADD FILE NAME, NOTE BOOK NO., BY, DATE

PROFILE: SUBMITTED, PLOTTED, GRADES CHECKED, ALL MATCH LINES AGREED, STRUCTURE NO., NOTATIONS CHKD, BY, DATE

7/6/2007
c:\projects\sn9030098\d9030099p1.dgn
30.0000 / IN.
halstead\w