© Copyright Hanson Professional Services Inc. 2012

HANSON

PLAN
SURVEYED
PLOTTED
DRAWN CHECKED
ALIGNMENT CHECKED
R.O.W. NOTED
PLAN FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
DRAWN CHECKED
R.M. NOTED
PROFILE ABSTRACTED
NOTE BOOK
NO.

N

50 0 50 100
SCALE IN FEET

PC Sta 97+17.15
PI Sta 98+60.13
PI Sta 98+98.40
EXISTING R.O.W.
100+00
2-9' LANES AGGREGATE BASE COURSE, TY A, 12"
AGGREGATE SHOULDERS, TY A, 6"
EXISTING R.O.W.
CONSTRUCTION LIMITS
TRAFFIC BARRIER TERMINAL, TYPE 1 (SEE GUARDRAIL DETAIL SHEET FOR LAYOUT)
℄ PR. TR176 (BAREFOOT RD.)
CONSTRUCTION LIMITS
PROPOSED R.O.W.
STA. 104+22.09, 63.37' LT. END SECTION 15"
STA. 104+23.88, 55.60' RT. END SECTION 15"
TRAFFIC BARRIER TERMINAL, TYPE 5A (SEE GUARDRAIL DETAIL SHEET FOR LAYOUT)
TEMPORARY EASEMENT
TEMPORARY EASEMENT
BNSF RAILROAD
PIPE CULVERTS, CLASS C, TYPE 5, 15" L=111.5' SLOPE = 9.4%
EXISTING SN 048-9919
PROPOSED SN 048-9927
TRAFFIC BARRIER TERMINAL, TYPE 5A (SEE GUARDRAIL DETAIL SHEET FOR LAYOUT)
PROPOSED R.O.W.
EXISTING R.O.W.
105+00
EXISTING R.O.W.
TEMPORARY EASEMENT
MATCHLINE STA. 108+00.00
15'-0"
STEEL PLATE BEAM GUARDRAIL, TYPE A

700
690
680
670
660
650
640
630
620

696.22
693.46
690.54
687.54
684.71
681.99 681.37
681.99 681.00
679.32 678.94
679.49 678.00
676.56 675.17
677.10 675.00
674.12 673.06
675.31 672.00
671.67 669.79
674.10 669.00
669.43 666.54
673.01 664.50
667.50 663.29
671.92 661.85
666.00 655.74
670.83 655.20
664.76 648.19
661.74 651.43
664.07
668.65
652.47
667.56
638.58
666.47
641.83
665.11
660.78
662.80
656.11
659.52
650.03
655.31
644.39
651.24
98+00
99+00
100+00
101+00
102+00
103+00
104+00
105+00
106+00
107+00
108+00
RT. DITCH
LT. DITCH
EXISTING GROUND LINE
PROPOSED PROFILE GRADE
PROPOSED SN 048-9927
K = 39
10.00' V.C.
681.99
678.49
670.00 EL.
680.00 EL. 674.54
+00.00 LT. EL. 681.37
+00.00 RT. EL. 681.00
+75.00 LT. EL. 676.23
+50.00 LT. EL. 673.00
YPI STA. 101+25.00
ELEVATION 675.74
+00.00 RT. EL. 669.00
+50.00 RT. EL. 664.50
+00.00 LT. EL. 663.29
+75.00 RT. EL. 657.88
L=792.5
+23.75 RT. EL. 657.00
+22.97 LT. EL. 644.72
RIGHT DITCH PROFILE
LEFT DITCH PROFILE
6.95%
2.00%
5.30%
15.41%
2.18%
9.00%
5.00%
SSD = 246'
K = 26
175.00' V.C.
YPI STA. 106+50.00
ELEVATION 664.09
+62.50 EL. 666.20
+37.50 EL. 656.41

FILE NAME =	USER NAME = dawso00878	DESIGNED MGD	REVISED -
c:\pwise_work\do_not_delete\dms27369\c-78.dgn		DRAWN DLC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED CAL	REVISED -
	PLOT DATE = 02\02\2012	DATE 1/12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 176 (BAREFOOT ROAD)
PLAN AND PROFILE

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TRI76	05-15103-00-BR	KNOX	97	14
	05-15106-01-BR	CONTRACT NO. 89429		
	ILLINOIS FED. AID PROJECT	BROS 0095 (128)		