75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

5 + 72.69 — 600 — 595

27.34' Lt. — 29.58' Rt.

601.10 | 601.25 | 600.97 | 600.65 | 600.45

6.18% | +2.13 % | -2.35 % | 1.96% | 1:4 | 1:4

598.16 — 597.08

45" - P Cul. Cl A, T-1, 15" @ 1.89% w/ End Sects.
℄ Invert El. 597.62

DESIGN EARTHWORK
FILL AREA = 96.49
CUT AREA = 0.00

6" PIPE UNDERDRAIN
OUTLET @ RT. STA. 5+67

5 + 50 — 600 — 595

600.63 | 601.88 | 602.00 | 601.84 | 601.68 | 601.56 | 600.46

1:4 | 6.00% | +2.00 % | -2.00 % | 6.00% | 1:4

600.54

6" PIPE UNDERDRAIN — 6" PIPE UNDERDRAIN

DESIGN EARTHWORK
FILL AREA = 4.70
CUT AREA = 0.24

DITCH LT HP AT STA 5+14

DITCH RT HP AT STA 5+14

5 + 00 — 600

601.90 | 603.97 | 604.09 | 603.93 | 603.77 | 603.65 | 601.62

1:3 | C.Z. | 1:4 | 6.00% | +2.00 % | -2.00 % | 6.00% | 1:4 | C.Z. | 1:3

6" PIPE UNDERDRAIN — 601.73 — 6" PIPE UNDERDRAIN

DESIGN EARTHWORK
FILL AREA = 30.90
CUT AREA = 0.00

4 + 85 — 600 — 605

20.16' Lt. — 21.18' Rt.

604.47 | 604.59 | 604.43 | 604.27 | 604.15

1:4 | 6.00% | +2.00 % | -2.00 % | 6.00% | 1:4

601.94 — 601.65 — 601.36

30" - P Cul. Cl A, T-1, 15" @ 1.40% w/ End Sects.
℄ Invert El. 601.65

6" PIPE UNDERDRAIN
OUTLET @ RT. STA. 4+79

DESIGN EARTHWORK
FILL AREA = 50.89
CUT AREA = 0.00

4 + 74 — 600 — 595

604.82 | 604.94 | 604.78 | 604.62 | 604.50

6.00% | +2.00 % | -2.00 % | 6.00% | 1:4 | C.Z.

6" PIPE UNDERDRAIN — 599.52 — 6" PIPE UNDERDRAIN

1:3 — 594.40

DESIGN EARTHWORK
FILL AREA = 361.66
CUT AREA = 0.00

* SEE C.H. 8 CROSS SECTIONS FOR STA. 0+00 TO 4+74

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

FINAL SURVEY — NOTE BOOK — NO.

ORIGINAL SURVEY — NOTE BOOK — NO.

FILE NAME = S:\Struct\1980305BureauCounty\Design\xstHENNEphasts.dgn

WILLETT, HOFMANN & ASSOCIATES, INC.
CONSULTING ENGINEERS
859 East Second Street Dixon, IL 61021
Phone 815.284.3381 Fax 815.284.3385
Design Firm # 184-00918
www.willetthofmann.com

USER NAME =	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	REVISED -	

BUREAU COUNTY
BRIDGE REPLACEMENT
FAS 188 (C.H. 8) OVER IAIS RAILROAD & THE HENNEPIN CANAL

TOW PATH ROAD – CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
188	05-00195-00-BR	BUREAU	127	32

STA. 4+74.00 TO STA. 5+72.73 | CONTRACT NO. 87380
FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT BRS-0188(118)