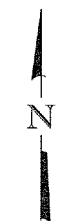


MINIMUM BAR LAP
(Abutment)

Other Bars	Top Bars
#5 bars = 3'-3"	#5 bars = 3'-8"
	#6 bars = 4'-5"
	#7 bars = 4'-8"
	#8 bars = 7'-8"



PILE DATA

Type:	Metal Shell
Nominal Required Bearing:	14 in dia. X 0.250 in. Walls 304 kips
Factored Resistance Available:	167 kips
Est. Length:	86 ft.
No. Production Piles:	102
No. Test Piles:	3

Piles shall be driven through 24" diameter precored holes extending to an elevation 20 ft. below existing ground surface according to Article 512.09(c) of the Standard Specifications. Cost included in Driving Piles.

Splices may be required due to the length of the proposed piles. These planned splices are not paid for separately but are included in the cost of Driving Piles. Any unplanned splice or splice required when lengths exceed those listed in the plans by more than 10 feet shall be paid for according to Article 109.04 of the Standard Specifications.

Notes:
 Work this sheet with Sheets 48, 49, 51, & 52.
 For Section thru Abutment see Sheet 52.

FILE NAME = 0450079-60122-050-Abut_N3.dgn	USER NAME = jehrhart	DESIGNED - MJL	REVISED 7/12/2012 J.C.E.
		CHECKED - PMH	REVISED -
		DRAWN - RJ	REVISED -
		CHECKED - PMH	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT - 3
 STRUCTURE NO. 045-0079
 SHEET NO. 50 OF 67 SHEETS

F.A.P. RTE. 347	SECTION LY (HB & VB)	COUNTY DUPAGE/KANE	TOTAL SHEETS 421	SHEET NO. 216
CONTRACT NO. 60122				ILLINOIS FED. AID PROJECT