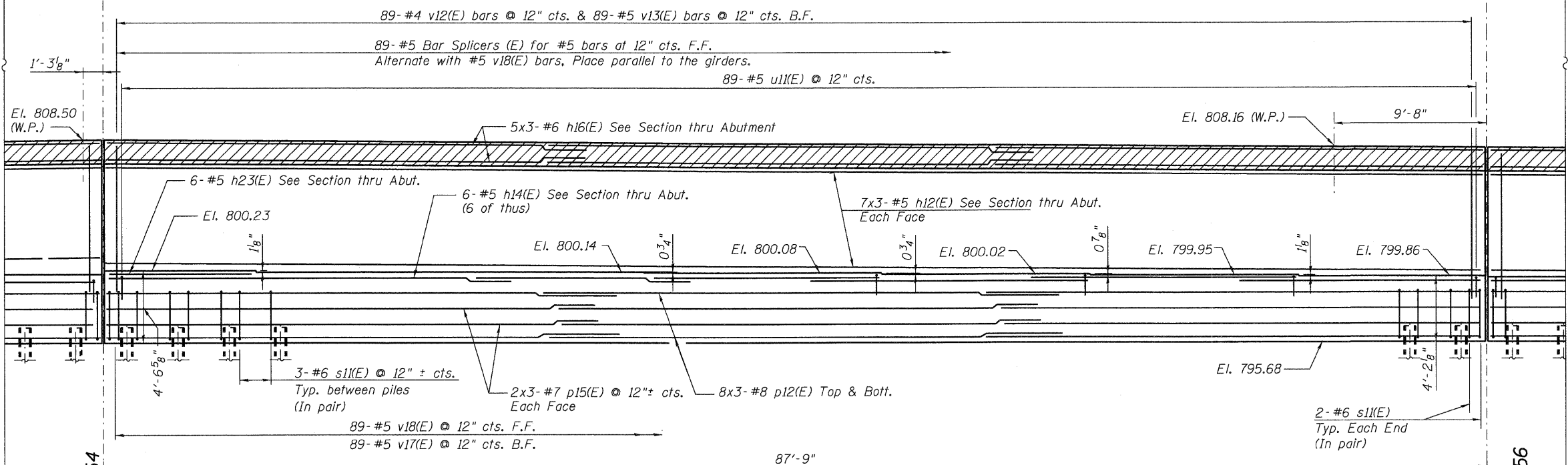


TOP VIEW

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"



PLAN-PILE CAP

PILE DATA

Type:	Metal Shell
Nominal Required Bearing:	14 in. dia. X 0.250 in. Walls
Factored Resistance Available:	304 kips
Est. Length:	167 kips
No. Production Piles:	87 ft.
No. Test Piles:	102
	3

Pile 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 with driving piles.

Notes:
Work this sheet with Sheets 53, 54, 56 and 57.
For Section thru Abutment see Sheet 57.

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601

FILE NAME =	0450279-60122-055-Abut_S3.dgn
USER NAME =	jahrhart
PLOT SCALE =	1:4
PLOT DATE =	3/20/2012

DESIGNED -	MJL
CHECKED -	PMH
DRAWN -	RJ
CHECKED -	PMH

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT - 3
STRUCTURE NO. 045-0079

SHEET NO. 55 OF 67 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	LY (HB & VB)	DUPAGE/KANE	421	221
CONTRACT NO. 60122			ILLINOIS FED. AID PROJECT	