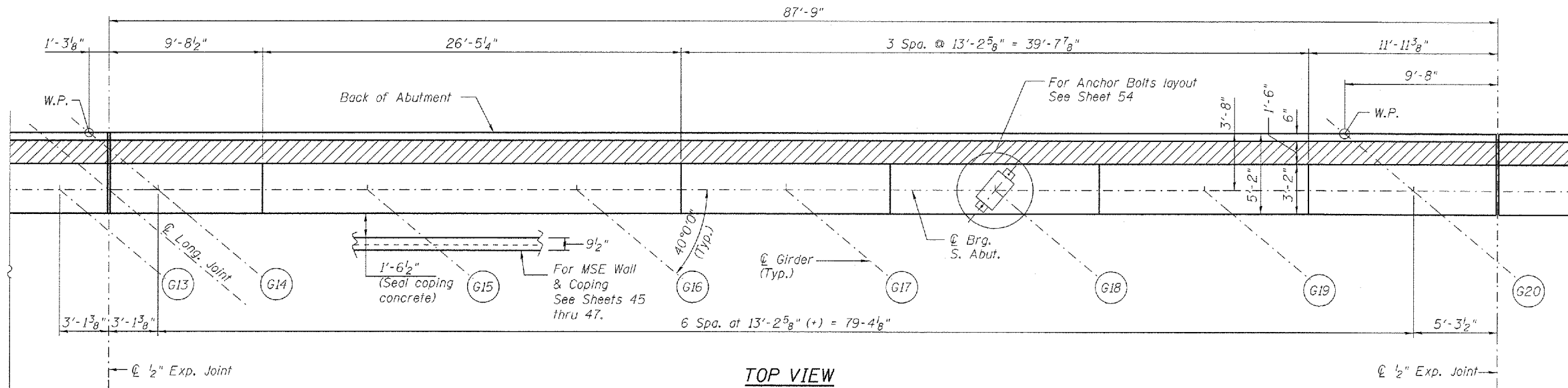
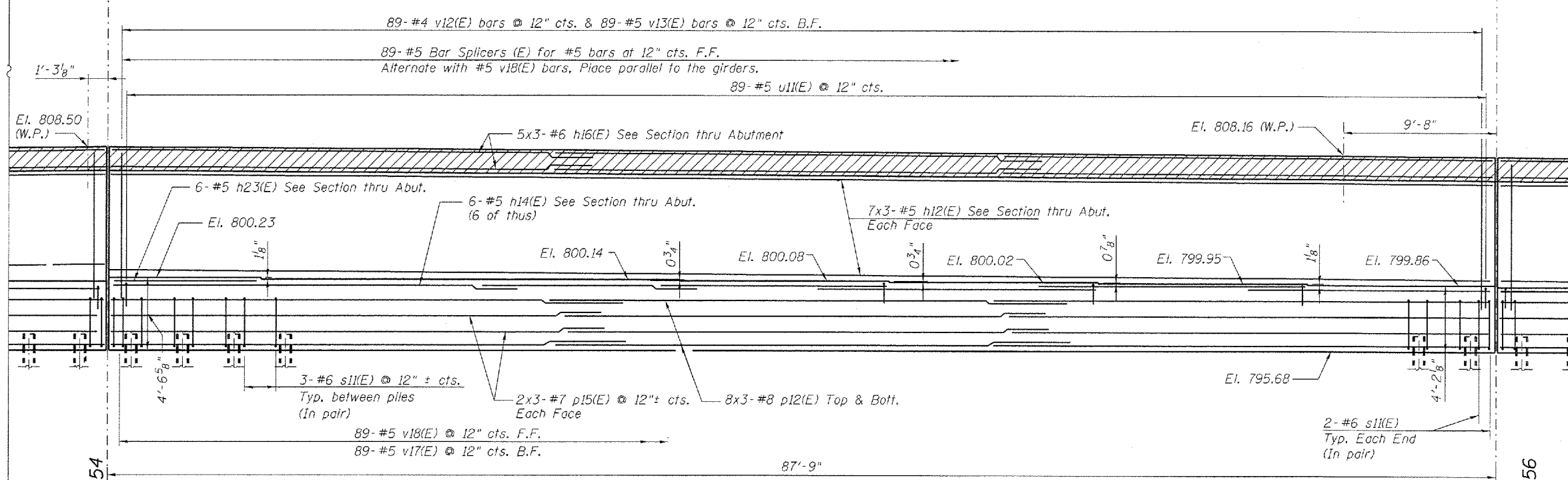


**MINIMUM BAR LAP**  
(Abutment)

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



**TOP VIEW**



**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 precast 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.

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 53, 54, 56 and 57.  
For Section thru Abutment see Sheet 57.

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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = 0450079-60122-055-Abut.53.dgn	USER NAME = jehrhart	DESIGNED - MJL	REVISION 7/12/2012 J.C.E.	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTH ABUTMENT - 3 STRUCTURE NO. 045-0079</b>	F.A.P. RTE. 347	SECTION LY (HB & VB)	COUNTY DUPAGE/KANE	TOTAL SHEETS 421	SHEET NO. 221
PLOT SCALE = 1/4"	DRAWN - RJ	CHECKED - PMH	REVISION -			CONTRACT NO. 60122				
PLOT DATE = 07/12/12	CHECKED - PMH	REVISION -	ILLINOIS FED. AID PROJECT							
SHEET NO. 55 OF 67 SHEETS										