

FIGURE 7-19

"H" Bar Size and Spacing (Cored Slab and Box Beam)											
Wing Height (ft)	Wing Length (ft)										
	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'
No Braced Pile											
6'-0"											
6'-6"											*
7'-0"	#4 @ 12"										
7'-6"			#4 @ 9"		#5 @ 9"						
8'-0"							#5 @ 6"			#6 @ 6"	
8'-6"											*
9'-0"											*

"H" Bar Size and Spacing (Prestressed Concrete and Steel Girder)																			
Wing Height (ft)	Wing Length (ft)																		
	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'	21'	22'	23'	24'	25'
No Braced Pile											With a Braced Pile								
8'-0"	#4 @ 12"																		
8'-6"		#4 @ 9"																	
9'-0"				#5 @ 9"															
9'-6"						#5 @ 6"													
10'-0"																			
10'-6"							#6 @ 6"												
11'-0"											#4 @ 12"								
11'-6"											With a braced pile								
12'-0"																			
12'-6"			*												#4 @ 9"				
13'-0"																			
13'-6"																			
14'-0"																		#5 @ 9"	
14'-6"																			With a braced pile
15'-0"																			

* NOTE: If any wing dimension exceeds the limit shown above, separate investigation is required.
 For cored slab and box beam superstructure, separate investigation is required if wing length > 17'.
 For prestressed concrete girder and steel beam superstructure, separate investigation is required if wing length > 25'.

"V" BAR SIZE AND SPACING	
WING HEIGHT (FT)	"V" BAR
H ≤ 10'	#4 @ 1'-0"
10' < H ≤ 15'	#5 @ 1'-0"
H > 15'	Separate Investigation

WING DESIGN TABLE

FIGURE 7-19 M

"H" Bar Size and Spacing (Cored Slab and Box Beam)											
Wing Height (m)	Wing Length (m)										
	2.1m	2.4m	2.7m	3.0m	3.4m	3.7m	4.0m	4.3m	4.6m	4.9m	5.2m
	No Braced Pile										
1.8m											
2.0m											*
2.1m	#13 @ 300mm		#13 @ 230mm								
2.2m				#16 @ 230mm							
2.4m							#16 @ 150mm		#19 @ 150mm		
2.6m											
2.7m											*

"H" Bar Size and Spacing (Prestressed Concrete and Steel Girder)																				
Wing Height (m)	Wing Length (m)																			
	2.1m	2.4m	2.7m	3.0m	3.4m	3.7m	4.0m	4.3m	4.6m	4.9m	5.2m	5.5m	5.8m	6.1m	6.4m	6.7m	7.0m	7.3m	7.6m	
	No Braced Pile											With a Braced Pile								
2.4m	#13 @ 300mm																			
2.6m		#13 @ 230mm																		
2.7m			#16 @ 230mm																	
2.9m						#16 @ 150mm														
3.0m																				
3.2m							#19 @ 150mm													
3.4m																				
3.5m																				
3.7m																				
3.8m			*																	
4.0m																				
4.1m																				#16 @ 230mm
4.3m																				With a braced pile
4.4m																				
4.6m																				

* NOTE: If any wing dimension exceeds the limit shown above, separate investigation is required.
 For cored slab and box beam superstructure, separate investigation is required if wing length > 5.2m.
 For prestressed concrete girder and steel beam superstructure, separate investigation is required if wing length > 7.6m.

"V" BAR SIZE AND SPACING	
WING HEIGHT (m)	"V" BAR
H ≤ 3.0m	#13 @ 300mm
3.0m < H ≤ 4.6m	#16 @ 300mm
H > 4.6m	Separate Investigation

WING DESIGN TABLE