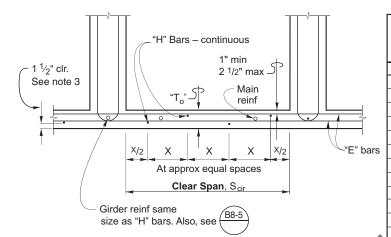


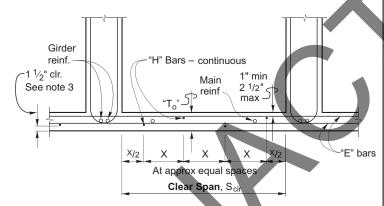
ATTACHMENT 3

Table 10-20.2 Soffit Slab Reinforcement Details

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS



Prestressed Concrete Box Girder



Reinforced Concrete Box Girder

NOTES

- 1. Article (Art.) and table numbers correspond to those in the AASHTO LRFD Bridge Design Specifications
- 2. X = Bar Spacing
- 3. Increase cover for environmental conditions as required. See Art (5.12.3)
- 4. 'E' bars and 'H' bars are per Art. 5.14.1.5.2b, 'T_o' is per Art. 5.14.1.5.1b
- 5. 'H' bars comply with minimum soffit slab

 reinforcement requirements and should not be included to calculate resistance under combined effects of DL, LL & Temperature unless an analysis is conducted that considers all those effects.
- 6. Girder and main reinforcement will be determined by the designer. Main reinforcement is to be shown on girder reinforcement sheet.

Scir	"T _o "		"H" Bars Continuous
Clear Span	Min. Bottom slab thick	"E" Bar Spacing	Reinforced and
			Prestressed Concrete
4' - 0"	6"	#4 @ 13"	4 - #5
4' - 3"			4 - #5
4' - 6"			5 - #5
4' - 9"			
5' - 0"			
5' - 3"			*
5' - 6"			6 - #5
5' - 9"			
6' - 0"			
6' - 3"			*
6' - 6"			7 - #5
6' - 9"			ı
7' - 0"			
7' - 3"			
7' - 6"			V
7' - 9"			8 - #5
8' - 0"	6"		0 - #0
8' - 3"	6 1/4"	12"	•
8' - 6"	6 3/8"		6 - #6
8' - 9"	6.5/."	#5 © 40"	7 - #6
	6 5/8"	#5 @ 18"	7 - #6
9' - 0"	6 3/4"	18"	
9' - 3"	7"	17"	8 - #6
9' - 6"	7 1/8"	17"	
9' - 9"	7 3/8"	16"	▼
10' - 0"	7 1/2"	16"	7 - #7
10' - 3"	7 3/4"	16"	
10' - 6"	7 ⁷ /8"	15"	▼
10' - 9"	8 ½"	15"	8 - #7
11' - 0"	8 1/4"	15"	
11' - 3"	8 ½"	14"	
11' - 6"	8 ⁵ / ₈ "	14"	▼
11' - 9"	8 ⁷ /8"	13"	9 - #7
12' - 0"	9"	13"	9 - #7
12' - 3"	9 1/4"	13"	10 - #7
12' - 6"	9 3/8"	13"	
12' - 9"	9 5/8"	12"	*
13' - 0"	9 3/4"	12"	11 -#7
13' - 3"	9 3/4"	12"	11 11
13' - 6"	9 7/8"	12"	
13' - 9"	10"	12"	
14' - 0"	10 1/8"	12"	12 - #7
14 - 0	10 1/8	12"	12-#1
	10 1/4"		
14' - 4"		▼ 11"	Υ
calculate resistance under combined effects			