## 5.10.8.4.3 LAP SPLICES IN TENSION

The tension development length for the specified yield strength shall be taken in accordance with Article 5.10.8.2.1a. The minimum lap length shall be as required for a Class A or B lap splice, but not less than 12.0" where:

Class A lap splice = 1.0\*ld Class B lap splice = 1.3\*ld

Except as specified, lap splices in tension shall be Class B splices.

Class A lap splices may be used where:

- (a) the area of reinforcement provided is at least twice that required by analysis over the entire length of the lap splice; and
- (b) one-half or less of the total reinforcement is spliced within the required lap splice length.

## **Revisions**

Oct 2017

Renumbered article from 5.11.5.3.4 to 5.10.8.4.3 to conform to the 8th Edition of the AASHTO LRFD Bridge Design Specifications.

						1	1		T	1	0/2017
5 10 8 4 5	LAP SPLI	ICIFS IN	COMPRI	MOIPE							
2.10.0.7.2	LAI SI LI										
MODIFIC	ATION FAC	TORS									
(1)	Basic development length										1.00
<b>(2)</b>	Ties along splice with effective area >= 15% of (compression component thickness)*(tie spacing)										0.83
(3)	With spirals										0.75
Grade 60 re	einforcement;	4000 psi co	oncrete								
	3	4	5	6	7	8	9	10	11	14	18
	Lap Splice Length - inches										
(1)	12	15	19	23	27	30	34	39	43	51	68
(2)	12	13	16	19	22	25	29	32	36	43	57
(3)	12	12	15	17	20	23	26	29	32	39	51
Revisions	70	1 1 .	. 1 . 6 . 7	11 5 5 1 :	<u> </u>	<u> </u>	0.1 E 11:1	C .1			
Oct 2017						conform to th	ne 8th Editio	n of the			
	AAS	HTO LRFL	Bridge De	sign Specifi	cations.						