

4150510 REINFORCING FOR CONCRETE  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

.....  
Art Berger  
[Arthur.Berger@dot.state.fl.us](mailto:Arthur.Berger@dot.state.fl.us)

Comments: (6-1-20, Internal)  
For your consideration:

Alternatively, at the Contractor's option, tie all reinforcing bars in each layer with a single-strand single tie at every intersection on the periphery and at every other intersection within the interior area

While there isn't a definite time frame, "within" lets the reader know that you are falling inside of the boundaries set. This works for location too.

Response: Agree.

\*\*\*\*\*

Neil Monkman  
(239) 462-7371  
[neil.monkman@wcgfl.com](mailto:neil.monkman@wcgfl.com)

Comments: (6-30-20, Industry)

This specification has always been an issue because it dictates means and methods. By adding an alternative it is only further dictating means and methods. Tying steel serves one sole purpose, to maintain the bars in position. If the contractor has means and methods that hold the steel in position, that should be sufficient. Suggest the following: 415-5.10.3 Tying: Tie all reinforcing bars in a manner that maintains all reinforcing bars in position. If encountering difficulty in maintaining the reinforcing bars in position during the placing of concrete, tie additional intersections as necessary to hold the reinforcing bars secure.

Response: No change made; the Spec requires particular tying practices as recommended in CRSI. This change has to do with accommodating alternate tie patterns of reinforcing due to varying means and methods of Contractors.

\*\*\*\*\*