

From: [Toole, Deborah](#)
To: [Duke, Steve](#)
Cc: [Hurtado, Dan](#); [Ruelke, Timothy J.](#); [Hughes, Allen](#)
Subject: RE: Approval for Proposed Spec 6030204
Date: Tuesday, November 29, 2016 10:05:00 AM
Attachments: [image001.png](#)

Will do....Thanks Steve!

.....Debbie ☺

From: Duke, Steve
Sent: Tuesday, November 29, 2016 9:50 AM
To: Toole, Deborah <Deborah.Toole@dot.state.fl.us>
Cc: Hurtado, Dan <Dan.Hurtado@dot.state.fl.us>; Ruelke, Timothy J. <Timothy.Ruelke@dot.state.fl.us>; Hughes, Allen <Allen.Hughes@dot.state.fl.us>
Subject: RE: Approval for Proposed Spec 6030204

I concur , please make changes. Thanks

Regards

Steven M Duke, CPM
Inspection Services Manager
Structural Steel, Coatings, and Timber
State Materials Office
5007 NE 39th Ave
Gainesville, FL 32609
Office (352) 955-6682
Cell (352) 317-3124
E-Mail Steve.Duke@dot.state.fl.us

From: Toole, Deborah
Sent: Tuesday, November 29, 2016 8:56 AM
To: Duke, Steve
Cc: Hurtado, Dan; Ruelke, Timothy J.; Hughes, Allen
Subject: RE: Approval for Proposed Spec 6030204

Good Morning Steve,

I will make the change. FHWA had the same comments for the attached. If you concur, I will make these changes also.

Please let me know if you have any questions.

From: [Toole, Deborah](#)
To: [Duke, Steve](#)
Cc: [Hurtado, Dan](#); [Ruelke, Timothy J.](#); [Hughes, Allen](#)
Subject: RE: Approval for Proposed Spec 6030204
Date: Tuesday, November 29, 2016 8:56:00 AM
Attachments: [6490401.FHWA-Comments.doc](#)
[image001.png](#)
[6530205.FHWA-comments.doc](#)
[6540204.FHWA-comments.doc](#)
[6650204.FHWA-comments.doc](#)

Good Morning Steve,

I will make the change. FHWA had the same comments for the attached. If you concur, I will make these changes also.

Please let me know if you have any questions.

.....Debbie ☺

Deborah Toole
Specifications Coordinator
Program Management Office
605 Suwannee Street
Tallahassee, FL 32399-0458

deborah.toole@dot.state.fl.us
850-414-4114

From: Duke, Steve
Sent: Tuesday, November 29, 2016 8:19 AM
To: Toole, Deborah <Deborah.Toole@dot.state.fl.us>; Ruelke, Timothy J. <Timothy.Ruelke@dot.state.fl.us>; Hughes, Allen <Allen.Hughes@dot.state.fl.us>
Cc: Hurtado, Dan <Dan.Hurtado@dot.state.fl.us>
Subject: RE: Approval for Proposed Spec 6030204

Debbie , I have no issue using the language proposed by FHWA . “ Use structural bolts meeting the requirements of ASTM F3125 , Grade A325 . “

Regards

Steven M Duke, CPM
Inspection Services Manager
Structural Steel, Coatings, and Timber
State Materials Office

5007 NE 39th Ave
Gainesville, FL 32609
Office (352) 955-6682
Cell (352) 317-3124
E-Mail Steve.Duke@dot.state.fl.us

From: Toole, Deborah
Sent: Wednesday, November 23, 2016 9:28 AM
To: Duke, Steve; Ruelke, Timothy J.; Hughes, Allen
Cc: Hurtado, Dan
Subject: FW: Approval for Proposed Spec 6030204

Good Morning Steve,

Please review attached document 6030204.FHWA-Comments.doc.

Should the language be revised as follows:

<p>→ 603-2.4 Hardware and Fittings Used for Installation: Ensure that all assembly hardware, including nuts, bolts, external screws and locking washers less than 5/8th inch in diameter, are Type 304 or 316 passivated stainless steel. Use stainless steel bolts, screws and studs meeting the requirements of ASTM F593. Use nuts meeting the requirements of ASTM F594. Ensure all assembly hardware greater than or equal to 5/8th inch in diameter is galvanized. Use bolts, studs, and threaded rod meeting the requirements of ASTM A307. Use structural bolts meeting the requirements of ASTM Grade A F3125. ¶</p> <p>→ → Use high-strength steel anchor bolts and U-bolts, having a minimum yield strength of 55,000^{psi} and a minimum ultimate strength of 90,000^{psi}. ¶</p>
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Please let me know if you have any questions.

.....Debbie ☺

Deborah Toole
Specifications Coordinator
Program Management Office
605 Suwannee Street
Tallahassee, FL 32399-0458

deborah.toole@dot.state.fl.us
850-414-4114

From: Corrado, Frank (FHWA) [<mailto:Frank.Corrado@dot.gov>]
Sent: Tuesday, November 22, 2016 4:05 PM
To: Toole, Deborah <Deborah.Toole@dot.state.fl.us>; Townsend, Olivia

<Olivia.Townsend@dot.state.fl.us>

Cc: Barbara Young <barbara.young@dot.gov>; Farney, Christine (FHWA) <christine.farney@dot.gov>; Burgess, Kevin (FHWA) <Kevin.Burgess@dot.gov>; Fusco, Derek <DEREK.FUSCO@DOT.GOV>; Ger, Jeffrey <jeffrey.ger@dot.gov>; Nguyen, Khoa (FHWA) <Khoa.Nguyen@dot.gov>

Subject: RE: Approval for Proposed Spec 6030204

Attached are our comments on the changes to Spec **6030204 General Requirements for Traffic Control Signals and Devices.**

Reference to new ASTM F3125 should accompany 'ASTM Grading' of structural bolts.

Thank you,
Frank

Frank Corrado, P.E., PTOE.

Traffic Operations Engineer

FHWA- Florida Division

3500 Financial Plaza, Suite 400

Tallahassee, FL 32312

(850) 553-2247

frank.corrado@dot.gov

From: Toole, Deborah [<mailto:Deborah.Toole@dot.state.fl.us>]

Sent: Tuesday, November 15, 2016 2:34 PM

To: Nguyen, Khoa (FHWA)

Cc: Young, Barbara (FHWA); bburleson ftba.com; Blanchard, Brian; Tillander, Trey; Hurtado, Dan; Sadler, David A; Hughes, Allen; Toole, Deborah; Croft, Cristina; Lattner, Tim; Powell, Jr., Rudy; Tootle, Amy; Wilson, Mark; Farney, Christine (FHWA); Duke, Steve

Subject: Approval for Proposed Spec 4600501, 6030204, 6490401, 6530205, 6540204, 6650204, 7000202, 9450202, 9620600, 9900301

Please review the attached draft specifications and return your approval/comments as soon as possible, we would like to implement this with the July 2017 Workbook and eBook.

Thank You.....Debbie ☺

Deborah Toole

Specifications Coordinator

Program Management Office

605 Suwannee Street

Tallahassee, FL 32399-0458

deborah.toole@dot.state.fl.us

850-414-4114