



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
INTERIM SECRETARY

January 17, 2007

Mrs. Leslie McCarthy, PhD, P.E.
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section 460
Proposed Specification: 4600403-Structural Steel and Miscellaneous Metals

Dear Mrs. McCarthy:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Structural Steel and Miscellaneous Metals.

This change was proposed by Robert Robertson of the State Structures Office to update edge distance requirements for bolt holes.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Duane F. Brautigam, P.E.
State Specifications Engineer

DFB/sh

Attachment

cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

STRUCTURAL STEEL AND MICELLANEOUS METALS.**(REV 12-6-06)**

SUBARTICLE 460-4.3.4.9.6 (of the Supplemental Specifications) is deleted and the following substituted:

460-4.3.4.9.6 Edge Distance: Provide minimum as-fabricated distance from the center of a bolt hole to an edge as given in Table 460-4, Edge Distances.

Table 460-4, Edge Distances			
Fastener Size, Inch	Sheared or Thermally Cut Edge, Inch	Rolled <i>Edges of Plates or Shapes or Gas Cut Edges</i> or Planed Edges, except Beams and Channels, Inch	Beam and Channel Edges, Inch
5/8	1 1/8	1 7/8	7/8
3/4	1 1/4	1 1/8	1
7/8	1 1/2	1 1/8 1/4	1 1/8
1	1 3/4	1 1/4 1/2	1 1/4

SUBARTICLE 460-9.2 (of the Supplemental Specifications) is deleted and the following is substituted:

460-9.2 Payment Items: Payment will be made under:

- Item No. 460- 1- Structural Steel – Rehab – per pound.
- Item No. 460- 2- Structural Steel - New/Widening – ~~per pound~~ *lump sum.*
- Item No. 460- 6- Ladders & Platforms – lump sum.
- Item No. 460- 13- Structural Steel Rehab – Sandwich Plate System - per square yard.
- Item No. 460- 70- Aluminum Bullet Railings – per foot.
- Item No. 460- 71- Metal Traffic Railing – per foot.
- Item No. 460- 81- Rivet or High-Strength Bolt Replacement – each.
- Item No. 460- 95- Structural Steel Repair – per pound.
- Item No. 460- 98- Pipe Hanger – each.
- Item No. 460-112- Anchor Bolt Replacement – each.

STRUCTURAL STEEL AND MICELLANEOUS METALS.**(REV 12-6-06)**

SUBARTICLE 460-4.3.4.9.6 (of the Supplemental Specifications) is deleted and the following substituted:

460-4.3.4.9.6 Edge Distance: Provide minimum as-fabricated distance from the center of a bolt hole to an edge as given in Table 460-4, Edge Distances.

Table 460-4, Edge Distances			
Fastener Size, Inch	Sheared Edge, Inch	Rolled Edges of Plates or Shapes or Gas Cut Edges Inch	
5/8	1 1/8	7/8	
3/4	1 1/4	1	
7/8	1 1/2	1 1/8	
1	1 3/4	1 1/4	

SUBARTICLE 460-9.2 (of the Supplemental Specifications) is deleted and the following is substituted:

460-9.2 Payment Items: Payment will be made under:

- Item No. 460- 1- Structural Steel – Rehab – per pound.
- Item No. 460- 2- Structural Steel - New/Widening – lump sum.
- Item No. 460- 6- Ladders & Platforms – lump sum.
- Item No. 460- 13- Structural Steel Rehab – Sandwich Plate System - per square yard.
- Item No. 460- 70- Aluminum Bullet Railings – per foot.
- Item No. 460- 71- Metal Traffic Railing – per foot.
- Item No. 460- 81- Rivet or High-Strength Bolt Replacement – each.
- Item No. 460- 95- Structural Steel Repair – per pound.
- Item No. 460- 98- Pipe Hanger – each.
- Item No. 460-112- Anchor Bolt Replacement – each.