

**ORIGINATION FORM**  
**Proposed Revisions to the Specifications**  
(Please provide all information - incomplete forms will be returned)

Date:

Office:

Originator:

Specification Section:

Telephone:

Article/Subarticle:

email:

Associated Section(s) Revisions:

Will the proposed revision require changes to the following Publications:

Publication	Yes	No	Office Staff Contacted	Date
Standard Plans Index				
Traffic Engineering Manual				
FDOT Design Manual				
Construction Project Administration Manual				
Basis of Estimate/Pay Items				
Structures Design Guidelines				
Approved Product List				
Materials Manual				
Maintenance Specs				

Will this revision necessitate any of the following:

Design Bulletin

Construction (DCE Memo)

Estimates Bulletin

Materials Bulletin

Have all references to internal and external publications in this Section been verified for accuracy?

Synopsis: Summarize the changes:

Justification: Why does the existing language need to be changed?

Do the changes affect either of the following types of specifications (Hover over type to go to site.):

[Special Provisions](#)

[Developmental Specifications](#)

List Specifications Affected: (ex. SP3270301, Dev330TL, Dev334TL etc.)

**Contact the State Specifications Office for assistance completing this form.**

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1. Are changes in line with promoting and making meaningful progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?
2. What financial impact does the change have; project costs, pay item structure, or consultant fees?
3. What impacts does the change have on production or construction schedules?
4. How does this change improve efficiency or quality?
5. Which FDOT offices does the change impact?
6. What is the impact to districts with this change?
7. Does the change shift risk and to who?
8. Provide summary and resolution of any outstanding comments from the districts or industry.
9. What is the communication plan?
10. What is the schedule for implementation?

**CONCRETE BARRIERS, TRAFFIC RAILINGS, AND PARAPETS.  
(REV 6-29-23)**

ARTICLE 521-3 is deleted and the following substituted:

**521-3 Requirements.**

**521-3.1 Precast Temporary Concrete Barrier:** Meet the requirements of 102-9.5.

**521-3.2 Precast Noise Wall Barrier Requirements:** Obtain precast concrete components from a plant that is currently on the Department's Production Facility Listing. Producers seeking inclusion on the list must meet the requirements of Section 105.

Do not accept products that are not permanently and clearly stamped on the tongue and groove portion of the panel and posted with the type, date cast, project number, and the manufacturer's name or symbol by the Producer.

**521-3.2.1 Casting Tolerances:** Maintain the following casting tolerances:

1. Overall Height and Width: +/- 1/4"
2. Thickness: +/- 1/4"
3. Out of Square: 1/8" per 6 ft., but not more than 3/8" total along any side
4. Warping: 1/16" per foot distance to nearest corner
5. Bowing: 1/240 segment dimension
6. Surface Smoothness: +/- 1/16"
7. Tongue and groove joint dimensions: +/- 1/4"

**521-3.2.2 Shop Drawing Submittal:** Submit shop drawings for precast elements, when required, in accordance with Section 5, showing a plan and elevation with the following project specific information:

1. Begin and end wall stations with offsets
2. Horizontal and vertical alignments of the wall
3. Segment locations and lengths
4. Segment locations for:
  - a. Graphic details for architectural inlays as required
  - b. Special detailing for drainage requirements
5. Elevations of top of segments
6. Existing ground and finished grade elevations
7. Top panel to precast base grouted and dowelled joint dowel and sleeve locations
8. Non-standard precast component details
9. Lifting devices