

Origination Form

Specifications

Name:	Melissa Hollis	Standard Specification Section:	520
Email:	Melissa.Hollis@dot.state.fl.us	Special Provision:	
Date:	2026-03-27T14:31:21Z	Associated Specs:	None

Summary:

520-2: Update the formatting of the Materials article. Added Bumper Guards and curing materials to the list.
520-11 Added new article for Bumper Guards. Renumbered remaining articles in Section. 520-13.3: Added pay item for Bumper Guards.

Justification:

The pay item and standard plans index did not align for bumper guards. A team from Roadway, Specs, Forecasting, and Product Evaluation determined that Section 520, aligning with the Standard Plans, was the best location for the pay item and product.

Do the changes affect other types of specifications?

Developmental Specifications

List Specifications Affected:

DEV520-711RC needs to be updated to separate the Div II and Div III product requirements.

Other Affected Documents/Offices	Contacted	Yes/No
Other Standard Plans		No
Florida Design Manual		No
Structures Manual		No
Basis of Estimates Manual	Joshua Toole	Yes
Approved Product List	Karen Byram	Yes
Construction Office		No
Maintenance Office		No
Materials Manual		No

Are changes in line with promoting and making progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?

Yes; changes align FDOT contract documents for ease of use.

What financial impact does the change have; project costs, pay item structure, or consultant fees?

No impact.

What impact does the change have on production or construction schedules?

Non.

How does this change improve efficiency or quality?

Changes align FDOT contract documents for ease of use.

Which FDOT offices does the change impact?

Forecasting and Product Evaluation were involved with the group decision to align the specs and standard plans.

What is the impact to districts with this change?

None

Does the change shift risk and to who?

No impact

Provide summary and resolution of any outstanding comments from the districts or industry.

Comments and Responses are available on the Track the Status of Revisions hyperlink located on the Specifications landing page: <https://www.fdot.gov/programmanagement/Specs.shtm>

What is the communication plan?

Through the established specification revision process (e.g., Internal and Industry Review)

What is the schedule for implementation?

The Standard Specifications eBook and Workbook are effective July 1st every year.

**CONCRETE GUTTER, CURB ELEMENTS, AND TRAFFIC SEPARATOR
(REV 3-27-26)**

ARTICLE 520-1 is deleted and the following substituted:

520-1 Description.

Construct portland cement concrete curb. Curb will include concrete curb and gutter, concrete traffic separator, valley gutter, special concrete gutter, curb for sidewalk curb ramps and driveways, bumper guards, and any other types of concrete curb not specified in other Sections.

ARTICLE 520-2 is deleted and the following substituted:

520-2 Materials.

- ~~_____ **520-2.1 Concrete:** Use concrete meeting the requirements of Section 347.~~
- ~~_____ **520-2.2 Reinforcement:** For all steel reinforcement required by the Plans, meet the requirements of Section 415.~~
- ~~_____ **520-2.3 Joint Materials:** Meet the requirements of Section 932.~~
- ~~_____ **520-2.4 Toll Header Curb Concrete:** Use concrete meeting the requirements of Section 346, Class II. Meet the following requirements:~~

_____	<u>Structural Concrete, Class II- for Toll Header Curb.....</u>	<u>Section 346</u>
_____	<u>Non-Structural Concrete</u>	<u>Section 347</u>
_____	<u>Reinforcement.....</u>	<u>Section 415</u>
_____	<u>Bumper Guards</u>	<u>520-11</u>
_____	<u>Curing Materials*</u>	<u>Section 925</u>
_____	<u>Joint Materials*.....</u>	<u>932-1</u>

*Use products on the Department’s Approved Product List (APL).

ARTICLE 520-11 is deleted and the following substituted:

520-11 Concrete Bumper Guard.

Obtain bumper guards from an Incidental Precast Concrete Production Facility currently on the Department’s Production Facility Listing. Producers seeking inclusion on the list shall meet the requirements of Section 105.

Install concrete bumper guard meeting the requirements of Standard Plans, Index 520-001, at locations shown in the plans.

ARTICLE 520-12 is deleted and the following substituted:

520-~~11~~12 Method of Measurement.

For curb or curb and gutter, the quantity to be paid will be the plan quantity, in feet, measured along the face of the completed and accepted curb or curb and gutter. Curb for sidewalk curb ramps or driveways will be paid at the Contract unit price for the adjacent curb type.

For valley gutter or shoulder gutter, the quantity to be paid will be the plan quantity, in feet, measured along the gutter line of the completed and accepted valley gutter or shoulder gutter.

For concrete traffic separator of constant width, meeting the requirements of Standard Plans, Index 520-020, the quantity to be paid will be the plan quantity, in feet, measured along the center of its width, completed and accepted, including the length of the nose.

For concrete traffic separator of nonstandard or varying width, the quantity to be paid will be the plan quantity, in square yards, completed and accepted.

For curb of any type next to concrete pavement, the curb-pavement joint quantity to be paid will be the plan quantity, in feet, measured along the face of the completed and accepted curb.

SECTION 520 is expanded by the following:

520-~~12~~13 Basis of Payment.

520-~~12~~13.1 Concrete Gutter, Curb Elements, and Traffic Separator: Price and payment will be full compensation for all work specified in this Section, including reinforcement steel, dowels, asphalt pavement and base under traffic separator, joint materials and asphalt curb pad.

520-~~12~~13.2 Excavation: Excavation for new installations will be paid for as roadway excavation in accordance with 120-12.2.

520-~~12~~13.3 Payment Items: Payment will be made under:

- | | |
|-------------------------|---|
| Item No. 520- 1- | Concrete Curb and Gutter - per foot. |
| Item No. 520- 2- | Concrete Curb - per foot. |
| Item No. 520- 3- | Concrete Valley Gutter - per foot. |
| Item No. 520- 4- | Curb-Concrete Pavement Joint - per foot. |
| Item No. 520- 5- | Concrete Traffic Separator - per foot. |
| Item No. 520- 6- | Concrete Shoulder Gutter - per foot. |
| <u>Item No. 520- 8-</u> | <u>Concrete Bumper Guard- per each.</u> |
| Item No. 520- 70- | Concrete Traffic Separator - per square yard. |