



# Florida Department of Transportation

RICK SCOTT  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.  
SECRETARY

August 6, 2012

Monica Gourdine  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section **102**  
Proposed Specification: **1020700 Maintenance of Traffic.**

Dear Ms. Gourdine:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by Stefanie Maxwell of the State Construction Office to update the language for current Department practice.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965TT or [trey.tillander@dot.state.fl.us](mailto:trey.tillander@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at 414-4140.

Sincerely,

Signature on file

V. Y. "Trey" Tillander, III, P.E.  
State Specifications Engineer

TT/dt

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

**MAINTENANCE OF TRAFFIC.****(REV ~~6-128-6-12~~)**

ARTICLE 102-7 (of the Supplemental Specifications) is deleted and the following substituted:

**102-7 Traffic Control Officer.**

Provide uniformed law enforcement officers, including marked law enforcement vehicles, to assist in controlling and directing traffic in the work zone when the following types of work is necessary on projects:

1. Directing traffic/overriding the signal in a signalized intersection.
2. When *Design Standards*, Index No. 619 is used on *freeway facilities* (~~Interstates, toll roads, and expressways~~) ~~roadways~~ at nighttime *for work within the travel lane.* ~~and called for in the plans.~~
3. When *Design Standards*, Index No. 655 Traffic Pacing for overhead work is called for in the ~~p~~*Plans* or approved by the Engineer.
4. When pulling conductor/cable above an open traffic lane on limited access facilities, when called for in the ~~p~~*Plans* or approved by the Engineer.
5. *When Design Standards, Index No. 625 Temporary Road Closure 5 Minutes or Less is used.*

SUBARTICLE 102-9.3 (of the Supplemental Specifications) is deleted and the following substituted:

**102-9.3 Business Signs:** Provide and place signs in accordance with the ~~p~~*Plans* and Design Standards, *Index No. 600*. Furnish signs having retroreflective sheeting meeting the requirements of Section 990.

~~Use signs with specific business names on each sign. Install logos provided by business owners and approved by the Engineer. Standard Business entrance signs meeting the requirements of Index 17355 without specific business names may be used only with the approval of the Engineer.~~

SUBARTICLE 102-9.6 (of the Supplemental Specifications) is deleted and the following substituted:

**102-9.6 Temporary Crash Cushion (Redirective/~~Inertia~~*Gating*):** Furnish, install, maintain and subsequently remove temporary crash cushions in accordance with the details and notes shown in the ~~p~~*Plans*, the Design Standards, and requirements of the pre-approved alternatives listed on the QPL. Maintain the crash cushions until their authorized removal. Repair all attachment scars to permanent structures and pavements after crash cushion removal. Make necessary repairs due to defective material, work, or Contractor operations at no cost to the Department. Restore crash cushions damaged by the traveling public within 24 hours after notification as authorized by the Engineer.

ARTICLE 102-9 (of the Supplemental Specifications) is expanded by the following:

**102-9.17 Temporary Lane Separator:** *Furnish, install, maintain, remove and relocate temporary lane separator in accordance with the Plans and Design Standards, Index No 600. Anchor ~~the portable temporary lane separator shall be anchored to the roadway~~ with a removable anchor bolt. Use epoxy on bridge decks where anchoring is not allowed. Remove the epoxy from the bridge deck by hydroblasting or other method approved by the Engineer.*

SUBARTICLE 102-11.12.2 (of the Supplemental Specifications) is deleted and the following substituted:

**102-11.12.2 InertiaGating:** The quantity to be paid for will be the number of Temporary Crash Cushions (**InertiaGating**) ~~complete arrays~~ certified as installed/used and maintained ~~in accordance with the plans and Design Standards, Index No. 417~~ *on the project, including object marker.*

SUBARTICLE 102-11.21 (of the Supplemental Specifications) is deleted and the following substituted:

**102-11.21 Temporary Raised Rumble Strips:** ~~The quantity of temporary raised rumble strip sets to be paid for will be the number of temporary raised rumble strip sets installed and accepted.~~ *The quantity to be paid for will be the number of temporary raised rumble strip sets certified as installed/used on the project on any calendar day or portion thereof within the contract time.*

ARTICLE 102-11 (of the Supplemental Specifications) is expanded by the following:

**102-11.22 Temporary Lane Separator:** *The quantity of temporary lane separator to be paid for will be plan quantity, in feet, including drainage gaps, completed and accepted.*

SUBARTICLE 102-13.12 (of the Supplemental Specifications) is deleted and the following substituted:

**102-13.12 Temporary Crash Cushion (**Redirective/Gating**):**  
~~102-13.12.1 Redirective:~~ Price and payment will be full compensation for furnishing, installing, maintaining and subsequently removing such crash cushions. Payment for restoring damaged crash cushions will be the manufacturer's/distributor's invoice price for the new materials/parts plus 20% markup. The 20% markup is

compensation for all necessary work including; but not limited to, labor, equipment, supplies and profit, as authorized by the Engineer. Additional MOT required for the repair of the crash cushion will be paid for under the appropriate MOT pay item.

~~102-13.12.2 Inertia: Price and payment for the number of complete arrays will be full compensation for furnishing, installing, maintenance and removal at each specified location. In addition, payment will be made for new modules replaced due to damages, excluding damage caused by the Contractor's operations.~~

ARTICLE 102-13.22 (of the Supplemental Specifications) is deleted and replaced by the following:

***102-13.22 Temporary Lane Separator: Price and payment will be full compensation for all work specified in this Section.***

**102-13.23~~2~~ Payment Items:** Payment will be made under:

Item No. 102- 1-	Maintenance of Traffic - lump sum.
Item No. 102- 2-	Special Detour - lump sum.
Item No. 102- 3-	Commercial Material for Driveway Maintenance - per cubic yard.
Item No. 102- 14-	Traffic Control Officer - per hour.
Item No. 102- 60-	Work Zone Sign - per each per day.
Item No. 102- 61-	Business Sign - each.
Item No. 102- 71-	Barrier Wall - per foot.
<b><i>Item No. 102- 75-</i></b>	<b><i>Temporary Lane Separator – per foot</i></b>
Item No. 102- 94-	Glare Screen - per foot.
Item No. 102- 73-	Guardrail (Temporary) - per foot.
Item No. 102- 74-	Barricade (Temporary) - per each per day.
Item No. 102- 76-	Arrow Board - per each per day.
Item No. 102- 77-	High Intensity Flashing Lights (Temporary - Type B) - per each per day.
Item No. 102- 78-	Temporary Retroreflective Pavement Markers - each.
Item No. 102- 79-	Lights, Temporary, Barrier Wall Mount - per each per day.
Item No. 102- 81-	Crash Cushion (Gating) (Temporary) – per location.
Item No. 102- 89-	Crash Cushion ( <b><i>Redirective</i></b> ) (Temporary) - per location.
Item No. 102- 99-	Portable Changeable Message Sign (Temporary) - per each per day.
Item No. 102-104-	Temporary Signalization and Maintenance - per intersection per day.
Item No. 102-107-	Temporary Traffic Detection and Maintenance - per intersection per day.
Item No. 102-150-	Portable Regulatory Sign - per each per day.
Item No. 102-150-	Radar Speed Display Unit - per each per day.

- Item No. 102-910- Temporary Raised Rumble Strip Set – per set *per day*
- Item No. 102-911- Removable Tape (White/Black) - per foot.
- Item No. 102-912- Removable Tape (Yellow) - per foot.
- Item No. 710- Painted Pavement Markings.
- Item No. 711- Thermoplastic Traffic Stripes and Markings.

**MAINTENANCE OF TRAFFIC.****(REV 8-6-12)**

ARTICLE 102-7 (of the Supplemental Specifications) is deleted and the following substituted:

**102-7 Traffic Control Officer.**

Provide uniformed law enforcement officers, including marked law enforcement vehicles, to assist in controlling and directing traffic in the work zone when the following types of work is necessary on projects:

1. Directing traffic/overriding the signal in a signalized intersection.
2. When Design Standards, Index No. 619 is used on freeway facilities (interstates, toll roads, and expressways) at nighttime for work within the travel lane.
3. When Design Standards, Index No. 655 Traffic Pacing for overhead work is called for in the Plans or approved by the Engineer.
4. When pulling conductor/cable above an open traffic lane on limited access facilities, when called for in the Plans or approved by the Engineer.
5. When Design Standards, Index No. 625 Temporary Road Closure 5 Minutes or Less is used.

SUBARTICLE 102-9.3 (of the Supplemental Specifications) is deleted and the following substituted:

**102-9.3 Business Signs:** Provide and place signs in accordance with the Plans and Design Standards, Index No. 600. Furnish signs having retroreflective sheeting meeting the requirements of Section 990.

SUBARTICLE 102-9.6 (of the Supplemental Specifications) is deleted and the following substituted:

**102-9.6 Temporary Crash Cushion (Redirective/Gating):** Furnish, install, maintain and subsequently remove temporary crash cushions in accordance with the details and notes shown in the Plans, the Design Standards, and requirements of the pre-approved alternatives listed on the QPL. Maintain the crash cushions until their authorized removal. Repair all attachment scars to permanent structures and pavements after crash cushion removal. Make necessary repairs due to defective material, work, or Contractor operations at no cost to the Department. Restore crash cushions damaged by the traveling public within 24 hours after notification as authorized by the Engineer.

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**102-9.17 Temporary Lane Separator:** Furnish, install, maintain, remove and relocate temporary lane separator in accordance with the Plans and Design Standards, Index No 600. Anchor the portable temporary lane separator with a removable anchor bolt. Use epoxy on bridge decks where anchoring is not allowed. Remove the epoxy from the bridge deck by hydroblasting or other method approved by the Engineer.

SUBARTICLE 102-11.12.2 (of the Supplemental Specifications) is deleted and the following substituted:

**102-11.12.2 Gating:** The quantity to be paid for will be the number of Temporary Crash Cushions (Gating) certified as installed/used and maintained on the project, including object marker.

SUBARTICLE 102-11.21 (of the Supplemental Specifications) is deleted and the following substituted:

**102-11.21 Temporary Raised Rumble Strips:** The quantity to be paid for will be the number of temporary raised rumble strip sets certified as installed/used on the project on any calendar day or portion thereof within the contract time.

ARTICLE 102-11 (of the Supplemental Specifications) is expanded by the following:

**102-11.22 Temporary Lane Separator:** The quantity of temporary lane separator to be paid for will be plan quantity, in feet, including drainage gaps, completed and accepted.

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**102-13.12 Temporary Crash Cushion (Redirective/Gating):** Price and payment will be full compensation for furnishing, installing, maintaining and subsequently removing such crash cushions. Payment for restoring damaged crash cushions will be the manufacturer's/distributor's invoice price for the new materials/parts plus 20% markup. The 20% markup is compensation for all necessary work including; but not limited to, labor, equipment, supplies and profit, as authorized by the Engineer. Additional MOT required for the repair of the crash cushion will be paid for under the appropriate MOT pay item.

ARTICLE 102-13.22 (of the Supplemental Specifications) is deleted and replaced by the following:

**102-13.22 Temporary Lane Separator:** Price and payment will be full compensation for all work specified in this Section.

**102-13.23 Payment Items:** Payment will be made under:

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Item No. 102- 3-	Commercial Material for Driveway Maintenance - per cubic yard.
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Item No. 102- 60-	Work Zone Sign - per each per day.
Item No. 102- 61-	Business Sign - each.
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