

## ORIGINATION FORM

**THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR**

Modify Specification \_\_\_\_\_1020000SS\_\_\_\_\_.  
Section/File number

New Section \_\_\_\_\_.  
Section number

**Subject:** Detours - Construction

**Origination date:** October 5, 2005

**Originator:** Robert Robertson

**Office/Phone:** State Structures Design Office/ SC 994-4267

**Email address/** Robert.Robertson2@dot.state.fl.us

**Userid:** st986rr

**Problem statement:** The specification references standards which no longer exist.

**Information source:** SDO- Technical Support Unit

**Background data:** In the past, the DOT did have standards for the substructure to be used in conjunction with Acrow Bridges. These standards were pulled due to the implementation of the new design code and new standards have not yet been developed in accordance with the new code.

**Recommended**

**Usage Note:** All projects incorporating temporary bridges

**Desired  
implementation**

**date:** Beginning with the July 2006 letting.



# Florida Department of Transportation

JEB BUSH  
GOVERNOR

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Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.  
SECRETARY

## MEMORANDUM

**DATE:** October 24, 2005  
**TO:** Specification Review Distribution List  
**FROM:** Duane F. Brautigam, P.E., State Specifications Engineer  
**SUBJECT:** Proposed Specifications Change: 1020602-Detours-Construction

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Detours-Construction.

This change was proposed by Robert Robertson of the Structures Design Office to delete reference to Structures Design Office Standard Drawings, Index Nos. 100 and 1601.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DB or duane.brautigam@dot.state.fl.us. Comments received after November 21, 2005 may not be considered. Your input is encouraged.

DFB/sh

Attachment

COMMENTS:

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Submitted by:

Phone #:

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**DETOURS-CONSTRUCTION.****(REV 10-13-05)**

SUBSRTICLE 102-6.2 (of the Supplemental Specifications) is deleted and the following substituted:

**102-6.2 Construction:** Plan, construct, and maintain detours for the safe passage of traffic in all conditions of weather. Provide the detour with all facilities necessary to meet this requirement.

Where the plans call for the Department to furnish detour bridge components, construct the pile bents in accordance with the *plans Structures Design Office Standard Drawings, Index No. 1600 and 1601*, unless otherwise authorized by the Engineer.

Submit a letter with the following: company name, phone number, office address, project contact person, project number, detour bridge type, bridge length, span length, location and usage time frames, to the Engineer at least 30 calendar days before the intended pick-up date, to obtain the storage facility location and list of components for the project. Upon receipt of letter, the Engineer will, within ten calendar days provide an approved material list to the Contractor and the appropriate Department storage yard.

Provide a letter with an original company seal, identifying the representative with authority to pick up components, to the Engineer at least ten calendar days before the proposed pick-up date. The Department is not obligated to load the bridge components without this notice. Take responsibility and sign for each item loaded at the time of issuance.

Provide timber dunnage, and transport the bridge components from the designated storage facility to the job site. Unload, erect, and maintain the bridge, then dismantle the bridge and load and return the components to the designated storage facility.

Notify the Engineer in writing at least ten calendar days before returning the components. Include in this notice the name of the Contractor's representative authorized to sign for return of the bridge components. The yard supervisor is not obligated to unload the bridge components without this notice.

The Department will provide equipment and an operator at the Department's storage facility to assist in loading and unloading the bridge components. Furnish all other labor and equipment required for loading and unloading the components.

The Departments representative will record all bridge components issued or returned on the Detour Bridge Issue and Credit Ticket. The Tickets must be signed by a Department and Contractor representative, after loading or unloading each truck to document the quantity and type of bridging issued or returned.

Bind together all bridge components to be returned in accordance with the instructions given by the storage facility. The yard supervisor will repack components that are not packed in compliance with these instructions. Upon request, written packing instructions will be made available to the Contractor, before dismantling of the bridge for return to the Department's storage facility.

Assume responsibility for any shortage or damage to the bridge components. Monies due the Contractor will be reduced at the rate of \$35.00 per hour plus materials for repacking, repairs or replacement of bridge components.

The skid resistance of open steel grid decking on the detour bridge may decrease gradually after opening the bridge to traffic. The Department will furnish a pneumatic floor scabber machine for roughening the roadway surface of the detour bridge decking. Provide an air compressor at the job site with 200 ft<sup>3</sup>/minute [6 m<sup>3</sup>/minute] capacity, 90 psi [620 kPa] air pressure for the power supply of the machine, and an operator. Transport the scabber machine to and from the Department's Structures Shop. Repair any damage to the scabber machine caused by operations at no expense to the Department. Perform scabbling when determined necessary by the Engineer. The Department will pay for the cost of scabbling as Unforeseeable Work in accordance with 4-4.

Return the bridge components to the designated storage facility beginning no later than ten calendar days after the date the detour bridge is no longer needed, the date the new bridge is placed in service, or the date Contract Time expires, whichever is earliest. Return the detour bridging at an average of not less than 200 feet [61 m] per week. Upon failure to return the bridge components to the Department within the time specified, compensate the Department for the bridge components not returned at the rate of \$5.00 per 10 feet [\$1.65 per meter], per day, per bridge, for single lane; and \$10.00 per 10 feet [\$3.30 per meter], per day, per bridge, for dual lane until the bridge components are returned to the Department.