ROADWAY DESIGN BULLETIN 14-11
ESTIMATES BULLETIN 14-02
(FHWA Approved: May 30, 2014)

DATE: May 30, 2014

TO: District Directors of Transportation Operations, District Directors of Transportation Development, District Design Engineers, District Construction Engineers, District Geotechnical Engineers, District Structures Design Engineers, and Program Management Engineers

FROM: Michael Shepard, P.E., State Roadway Design Engineer
Phillip “Greg” Davis, P.E., State Estimates Engineer

COPIES: Brian Blanchard, Tom Byron, Duane Brautigam, Robert Robertson, David Sadler, Tim Lattner, Mark Wilson, Bruce Dana, John Krause, Greg Schiess, Trey Tillander, Rudy Powell, Nick Finch (FHWA), Chad Thompson (FHWA) and Felix Delgado (FHWA)

SUBJECT: Single Post Median Barrier Mounted Sign Support

This bulletin introduces requirements for the use of single post median barrier mounted sign supports in work zones when the requirements of Index 600 cannot be met.

REQUIREMENTS

1. Delete Plans Preparation Manual (PPM) Volume 1, Section 10.7 and replace with the following:

   10.7 Signs

   For all work zone signs, when Design Standards Index 600 cannot be achieved for post mounted signs and barrier or traffic railing exists, temporary signs per Design Standards Index 11871 shall be used.
2. This bulletin introduces the following related Design Standards Revisions (DSR):

   A. The following revised Index drawings are released:
      Index 11871 – Single Post Median Barrier Mounted Sign Support
      Index 600 – General Information for Traffic Control Through Work Zones

   B. The following revised Instructions for Design Standards (IDS) is released:
      IDS-11871 – Single Post Median Barrier Mounted Sign Support

3. Include the following new Pay Item in the plans when median barrier mounted work zone signs (Temporary Signs per Design Standards Index 11871) are required:

   Pay Item 102-62 (Barrier Mounted Work Zone Sign, per each per day)

BACKGROUND

The revised Index drawing for Index 11871 is released to allow an increase in “Max. Sign Area” for All Temporary Signs (70 MPH wind speed) as shown in Table 1. This value increased from ≤ 20 SF to ≤ 24 SF.

The IDS-11871 has been revised to reflect revisions to the Index drawing and to clarify design criteria and references. The Plan Content Requirements and Payment Information sections are also updated.

A revision to Standard Specification Section 102 will be included in the July 2014 Workbook. This revision will include the following new Pay Item 102-62.

Pay Item 102-62 (Barrier Mounted Work Zone Sign, per each per day) has been added to the Basis of Estimates Manual.

IMPLEMENTATION

These requirements are effective for projects LET on or after July 1, 2014 which require barrier mounted work zone signs.

When applicable, include the revised Design Standards Index drawings in the Plans as described in the PPM, Vol. 2, Section 3.6.1.

When applicable, update the Plans, tabulation sheets/Plan Summary Boxes, and Proposal Summary of Quantities (TRANSPORT report).
CONTACT
Gevin J. McDaniel, P.E.
Design Standards Administrator
FDOT Roadway Design Office
605 Suwannee Street, MS-32
Tallahassee, FL 32399-0450
Phone: (850) 414-4284
Fax: (850) 414-5261

Link to Design Standards Revisions: http://www.dot.state.fl.us/rddesign/DS/14/Rev.shtm