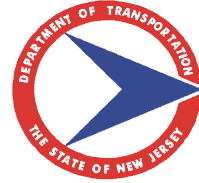


New Jersey Department of Transportation
1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



Baseline Document Change Announcement

Signs

BDC09S-01

April 09, 2010

SUBJECT: Revision to Subsections 612.02, 612.03, 612.04, & 911.02 of the *2007 Standard Specifications*

REFERENCE:

- 1 **BDC09MR-03, 2001 Design Manual Roadway, Section 13-03 (Large Sign Supports) dated April 07, 2010**
2. **BDC09D-02 2007 Standard Roadway Construction Details, revision to sheets CD-612-7, CD-612-8, CD-612-9, CD-612-10, CD-612-11, CD-612-12, CD-612-13, CD-612-14 & CD-612-15; dated April 08, 2010**

Subsections 612.02 & 612.04, and Subparts 612.03.02, 911.02.02 & 911.02.03 of the *2007 Standard Specifications* have been revised to specify the use of steel I-beam breakaway sign supports for large ground mounted signs. The use of the current tubular aluminum breakaway sign supports will be discontinued.

This BDC must be read in conjunction with the referenced BDC Announcements for the corresponding changes to the *Roadway Design Manual* and *2007 Standard Roadway Construction Details*.

The following revisions have been incorporated in Standard Input, SI2007 as of April 09, 2010.

SECTION 612 – SIGNS

612.02 MATERIALS

THE FOLLOWING IS DELETED FROM THE MATERIALS LIST.

Non-Breakaway Sign Supports 911.02.03

THE SECOND PARAGRAPH IS DELETED.

612.03.02 Type GA Breakaway and Non-Breakaway Support Guide Signs

THE SUBPART HEADING IS CHANGED TO:

612.03.02 Type GA Breakaway Support Guide Signs

612.03.02 Type GA Breakaway Support Guide Signs

C. Constructing Pedestals

THE SUBPART IS CHANGED TO:

Place reinforcement steel as specified in 504.03.01 before placing the concrete. Ensure that concrete placement complies with the limitations as specified in 504.03.02.C. Place concrete as specified in 504.03.02.D. Cure concrete as specified in 504.03.02.F.

D. Erecting Posts

THE SUBPART IS CHANGED TO:

Erect posts as specified in 512.03.01.G.

THE FOLLOWING IS ADDED:

F. Constructing Anchor, Hinge, Bracket and Coupling Assemblies..At least 10 days before beginning the work, submit the manufacturer’s installation guide and installer’s certification to the RE.

Ensure that the installer is certified by the manufacturer.

Ensure that the manufacturer’s representative is present during the foundation pour and the installation of the first sign. Install anchor, hinge, bracket and coupling assemblies according to the manufacturer’s recommendations. The RE may require the system manufacturer’s representative to be present at all times during the installation to provide on-site technical support.

612.04 MEASUREMENT AND PAYMENT

THE FOLLOWING ITEM IS DELETED:

<i>Item</i>	<i>Pay Unit</i>
GUIDE SIGN, TYPE GA, NON-BREAKAWAY SUPPORTS	SQUARE FOOT

SECTION 911 – SIGNS, SIGN SUPPORTS, AND DELINEATORS

911.02.02 Breakaway Sign Supports for Ground Mounted Signs

THE ENTIRE SUBPART IS CHANGED TO:

Fabricate and construct breakaway sign supports for ground mounted signs using materials conforming to the requirements in Table 911.02.02-1.

Table 911.02.02-1 Materials for Breakaway Sign Supports			
Item	Test Method	Type or Grade	Galvanizing
Aluminum Materials (other than bracket)	911.01.01		
Bracket	B308	6061-T6	
Structural steel shapes	ASTM A709	Grade 36	ASTM A123
Steel Sheet	ASTM A1011	Grade 36	ASTM A 653
Bolts (except special bolt for coupling)	ASTM A325		ASTM A153
Special bolt for coupling	ASTM A449		ASTM A153
Cap Screw	ASTM A307		ASTM A153
Lock Washer	ANSI B18-21-1		ASTM A153
Nut	ASTM A563	Grade DH	ASTM A153
Coupling	AMS 6378 F		ASTM A153

Steel Hinge Plate	AISI 4130	ASTM 123
Anchor Rod	AISI 1045	
Anchor Coil	AISI 1008	
Anchor Washer	908.04	
Anchor Ferrule	908.04	

Submit mill certificates for the component materials.

911.02.03 Non-Breakaway Sign Supports for Ground Mounted Signs
THE TEXT OF THIS SUBPART IS DELETED.

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Implementation Code R (ROUTINE)

Changes must be implemented in all applicable Department projects scheduled for Final Design Submission at least one month after the date of the BDC announcement. This will allow designers to make necessary plan, specifications, and estimate/proposal changes without requiring the need for an addenda or postponement of advertisement or receipt of bids.

Recommended By:

Original Signed by

Walter McGrosky
Director,
Capital Program Support

Approved By:

Original Signed by

Richard T. Hammer
Assistant Commissioner,
Capital Program Management