

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**

*Subject:* HWY Standard and Guide Sheets

*Date:* October 18, 2010

**to:** THOSE LISTED BELOW

**From:** James H. Norman  
Engineering Administrator  
Bureau of Engineering &  
Highway Operations

John F. Carey  
Scott Hill  
Colleen Kissane  
Joseph J. Obara  
Timothy Wilson  
James Fallon

The following sheets have been converted from Guide Sheets to Standard Sheets. The sheets listed with an asterisk have been revised to reflect recent guidance from the FHWA on strong post W-beam guiderail height. R-B 350 and MD-B 350 guiderail shall now be installed with a standard rail height of 29" (previously 27") with a  $\pm 1$ " tolerance. No significant content changes were made to the other converted sheets.

Description	New Sheet Number
Granite Stone Transition Curbing	HW-813_01
Transition 45" (1145) F-shape to 45" (1145) Vertical Shape Sheet 1	HW-821_01a
Transition 45" (1145) F-shape to 45" (1145) Vertical Shape Sheet 2	HW-821_01b
Transition 45" (1145) F-shape to 45" (1145) Vertical Shape Sheet 3	HW-821_01c
Transition 32" (813) Jersey Shape to 45" (1145) Vertical Shape Sheet 1	HW-821_03a
Transition 32" (813) Jersey Shape to 45" (1145) Vertical Shape Sheet 2	HW-821_03b
Transition 32" (813) Jersey Shape to 45" (1145) Vertical Shape Sheet 3	HW-821_03c
Transition 32" (813) Jersey Shape to 45" (1145) Vertical Shape Sheet 4	HW-821_03d
Merritt Parkway Narrow Median Barrier	HW-821_04a
Merritt Parkway Median Barrier – 2' (610) Wide	HW-821_04b
W-beam Metal Beam Rail Hardware	HW-910_01
* Metal Beam Rail (Type R-B 350) Guiderail	HW-910_02
* Metal Beam Rail (Type MD-B 350)	HW-910_03
* Metal Beam Rail (Type R-B 350) Systems 5, 5A, & 6	HW-910_04
* Metal Beam Rail R-B 350 Span Type I, II, III Sections	HW-910_05
* R-B 350 Bridge Attachment Jersey Shape Parapet	HW-910_06
* R-B 350 Bridge Attachment Vertical Shape Parapet	HW-910_07
* R-B 350 Bridge Attachment Trailing End	HW-910_08
* Miscellaneous Guiderail Transitions	HW-910_09
* Curved Guiderail Treatment Detail	HW-910_11
Merritt Parkway Guiderail Attachment – Systems 2 & 3	HW-910_12a
Merritt Parkway Guiderail	HW-910_12b
Merritt Parkway Guiderail Trailing End Attachment	HW-910_12c
* Thrie-beam Transition to R-B 350 Guiderail	HW-910_13a
* Thrie-beam Bridgerail Transition	HW-910_13b

* Thrie-beam Pedestal Post Transition to Headwall	HW-910_13c
Thrie-beam 350 Guiderail Transition to Vertical Parapet	HW-910_14a
* Thrie-beam 350 Guiderail Transition to R-B 350 Guiderail	HW-910_14b
* MD-B 350 Median Barrier Jersey Shape Attachment Type I	HW-910_15
* MD-B 350 Median Barrier Jersey Shape Attachment Type II	HW-910_16
* R-B Terminal Section	HW-910_17
Metal Beam Rail (Type MD-I)	HW-910_18
* R-B End Anchorage Type I and II	HW-911_01
* MD-B End Anchorage Type I	HW-911_02
* Anchor in Earth Cut Slope & Anchor in Rock Cut Slope	HW-911_03
Grading Plan for Guiderail End Anchor	HW-911_04
Merritt Parkway Guiderail End Anchors	HW-911_05
Three Cable Guiderail (I-Beam Posts) Sheet 1	HW-918_01a
Three Cable Guiderail (I-Beam Posts) Sheet 2	HW-918_01b
Grading Plan for Type B Impact Attenuation System (Flared)	HW-1800_01
Grading Plan for Type B Impact Attenuation System (Median/Gore)	HW-1800_02
Grading Plan for Type B Impact Attenuation System (Tangential)	HW-1800_03
CT Truck Mounted Impact Attenuator Sheet 1	HW-1806_01a
CT Truck Mounted Impact Attenuator Sheet 2	HW-1806_01b
CT Truck Mounted Impact Attenuator Sheet 3	HW-1806_01c

\*Guiderail height change.

The following existing Standard Sheets have been revised;

HW-821\_02 45" (1145) F-Shape Precast Concrete Barrier Curb  
HW-921\_02 Sidewalk Ramps

Sheet HW-821\_02 has been revised to reflect the latest guidance on Zone of Intrusion and Sheet HW-921\_02 has had minor revisions made to the General Notes.

If you have any questions relative to the Standard and Guide Sheets, please contact Ms. Monique Burns, of this office, at phone number (860) 594-3292.

Attachments  
Monique Burns/mb

Bcc: Timothy Snyder, FHWA

cc: Thomas A. Harley  
Michael Lonergan - Charles A. Drda (note rail height change)  
Lewis S. Cannon  
Richard C. Allen  
Joseph Obara – Leo Fontaine  
William S. Pratt  
Marie Galek