

STATE OF NEW HAMPSHIRE
INTRA-DEPARTMENT COMMUNICATION

FROM: Michael D. Hazlett, PE
Final Design Section

DATE: August 25, 2015
AT (OFFICE): Highway Design Bureau

SUBJECT: Updated Standard Plans
Standard Sheets DR-1, DR-2, and DR-4
Drainage Standard Sheets

THRU: James A. Marshall, PE *JAM*
Administrator, Bureau of Highway Design

TO: Project Development, Turnpikes, and Operations Bureau Administrators

MEMORANDUM

Please disseminate to all appropriate personnel.

Please be aware that the Standards noted above are being revised and replaced. The following revisions have been made to the referenced sheets:

- Standard Plan Sheet DR-1
 - On Plate 2 Titled Type B Grate and Frame
 - Corrected dimension on Section B-B from 7 5/8" to 4 5/8".
 - Inserted a new General Note number 2 allowing the use of now available narrower frames as well as the original thicker frames, based on industry input.
 - Re-numbered remaining General Notes Standard Plan Sheet DR-1
 - On Plate 4 Titled Type "E" Grate
 - Removed erroneous note regarding use with Type "A" Frame.
 - Re-numbered remaining General Notes
- Standard Plan Sheet DR-2
 - On Plate 1 Titled Type "F" Grate
 - Removed erroneous note regarding use with Type "A" Frame.
 - Re-numbered remaining General Notes

- On Plate 2 Titled Type G Grate and Frame
 - Moved Manhole Cover and Frame Detail and General Notes to Plate 3 on this Standard Plan Sheet
 - Added the high capacity traversable Type G grate and frame for use outside of paved surfaces for use as needed.
 - Re-numbered remaining General Notes Standard Plan Sheet DR-1
- On plate3 Titled Manhole Cover and Frame
 - Moved the Drop Inlet Type D and Pipe for Slope Drainage Details and Notes to Plate 2 of Standard Sheet 4.
 - Moved Manhole Cover and Frame Detail and General Notes from Plate 2 to Plate 3 of this Standard Plan Sheet.
 - Inserted a new General Note number 2 allowing the use of now available narrower frames as well as the original thicker frames, based on industry input.
 - Re-numbered remaining General Note
- Standard Plan Sheet DR-4
 - On Plate 2 Titled Drop Inlet Type D and Pipe for Slope Drainage
 - Moved Polyethylene Liner Plan View to Plate 3 on this Standard Plan Sheet
 - Added Drop Inlet Type D and Pipe for Slope Drainage Details and Notes formerly on Plate 3 of Standard Sheet DR-2.
 - On Plate 3 Titled Polyethylene Liner
 - Moved Polyethylene Liner Plan View from Plate 2 to Plate 3 of this Standard Plan Sheet to be with the Polyethylene Liner General Notes.
 - Moved the Detail Titled Drop Inlet Type D and Pipe for Slope Drainage from Plate 3 of Standard Sheet DR-2 to Plate 2 of Standard Sheet 4

The revised Standards are posted on the website.

Please do not hesitate to contact me with any questions.

cc: W. Cass
W. Janelle
W. Oldenburg