Title: REPLACEMENT BRIDGE DETAIL SHEETS - OVERHEAD SIGN STRUCTURES (BD-OS)

ADMINISTRATIVE INFORMATION:
- This Engineering Bulletin (EB) is effective upon signature.
- This EB does not supersede any other issuance.

PURPOSE: To announce replacement Bridge Detail (BD) Sheets, for the Overhead Sign Structures (BD-OS) series.

TECHNICAL INFORMATION:

General:
This Engineering Bulletin announces the availability of sheets to which corrections or minor changes have been made for which a clearance review was determined not to be necessary. Along with the corrections and minor changes, the BD numbers have been changed. The number change removes the English version designation (“E”). Additionally, the issued year, revision and errata number have been added to each drawing below the drawing number. (Ex. 2019-R0E0)

The following Bridge Detail Sheets are being replaced:

<table>
<thead>
<tr>
<th>Superseded Sheet</th>
<th>Replacement Sheet</th>
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<td>OS1E</td>
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<td>OS2E</td>
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<td>OS14E</td>
<td>OS14</td>
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Expires one year after issue unless replaced sooner.
Specific to this issuance:
A list of notable changes made to the Bridge Detail sheets for overhead sign structures (BD-OS series) is attached to this Engineering Bulletin.

TRANSMITTED MATERIALS: None. The U.S. Customary Bridge Detail Sheets are available at: https://www.dot.ny.gov/main/business-center/engineering/cadd-info/drawings/bridge-detail-sheets-usc

BACKGROUND:

The corrections made to the BD drawings due to this issuance, will facilitate the fabrication and construction of overhead sign structures.

Metric BD’s are no longer used or updated. Therefore, the “E” used to designate that these drawings use English units, is no longer necessary.

The addition of the year, revision number and errata number to the drawing name and electronic file name will help better identify the drawings for future reference.

CONTACT: Direct questions regarding this issuance to Harry White of the Standards and Policies Unit of the Office of Structures at (518) 485-6634 or via e-mail at Harry.White@dot.ny.gov or Eric Lantzy at (518) 485-5270 or via email at Eric.Lantzy@dot.ny.gov.
List of Changes to the BD-OS Drawings

General:

- Minor typographical and/or CAD detailing errors were corrected.
- The designation for English version (“E”) has been removed from the drawing numbers.
- Year issued, revision and errata number has been added under the drawing numbers.

Drawing specific and notable:

Dwg. BD-OS1
- In note #10, additional wording was added to include the total shaft length, as was indicated in the previous version of the BD.

Dwg. BD-OS3
- Note #12 was added to provide the design strength of the concrete used when establishing the foundation table.

Dwg. BD-OS4
- Note #7 was corrected to specify that the top support beam is installed after the truss is erected.

Dwg. BD-OS8
- Removed the “Wire Inlet Detail” from this drawing and added a note referring to that same detail on BD-OS1.

Dwg. BD-OS9
- The sign panel Max. Area for CT-7-30, CT-8-30 and CT-9-30 was corrected from 334 sq. ft. to 322 sq. ft.

Dwg. BD-OS10
- Note #13 was added to provide the design strength of the concrete used when establishing the foundation table.

Dwg. BD-OS11
- The location of the 3/8” weld on “Detail 2” was corrected.

Dwg. BD-OS12
- The B/2 dimension callout on the “Typical Arm Splice” elevation was corrected to be shown from the C.L. of arm to the bolt location.

Dwg. BD-OS14
- Removed the “Z-bar Splice Details” from the drawings. This detail along with additional details related to the sign panels is shown in the highway standard sheets.