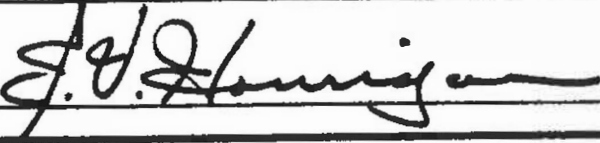


Vincent Kazanowski

| | | | |
|---|---|----------------------------------|---|
| TO: | ENGINEERING INSTRUCTION | | |
| NEW YORK STATE DEPARTMENT OF TRANSPORTATION | | | |
| SUPERSEDED BY EI 82-005 EFFECTIVE 3/15/82 | SUBJECT: Revision to Standard Details for Highway Bridges | | |
| | Subject Code: 7.35-11 | | |
| Distribution: | <input type="checkbox"/> Main Office | <input type="checkbox"/> Regions | <input checked="" type="checkbox"/> Special |
| APPROVED:  | Code: <u>EI 79-50</u> | | |
| | Date: <u>Nov. 16, 1979</u> | | |
| Supersedes: | | | |

The attached pages replace pages in the Standard Details for Highway Bridges and also replace GLD Sheets. These pages and sheets and their changes are listed below.

- Page 57 No change.
- Page 58 New page "Special Bridge Notes".
- GLD-A2 "Typical Abutment Section" - Change in header reinforcement.
Change in horizontal reinforcement in front face of backwall.
- A3 "Anchor Bolt Layout" and "Note" - 3-1/4" cover on anchor bolt plate changed to 3".
- A5 "Cast-in-Place Concrete Pile Reinforcement Detail" - Change in #4 stirrup lap.
Addition of note for Splice Details.
Change in title block - Word "Abutment" changed to "Substructure".
- A6 "Typical Abutment Section" - Change in header reinforcement and addition of Type "D" Waterstops.
"Backwall and Upper Wingwall Reinforcement Detail" - Change in horizontal reinforcement in front face of backwalls.
- A7 "Top of Wingwall Detail" - Updated and railing anchorage revised.
- A7a "Pile Elevation" = 6'-0" dimension relocated to top of pile
"Keyway Details for Flared Wingwall Abutments" - Abutment side and Wingwall side identified.
"Type A Curb Detail" - Concrete backing Note changed.
"Welded Splice Details" - Welding symbol changed.
- A8 "Elevation" - Addition of invert elevation note.
Change in title block - Word "Abutment" changed to "Substructure".
- A9 "NE Wingwall Elevation" - Revision to location of pipe underdrain.
"Section A-A" - Revision to railing anchorage.
"Section B-B" - Revision to header reinforcement and addition of reference note.

| Manual | Code | Date | Page 2 |
|---|------|------|--------|
| Subject: Revision to Standard Details for Highway Bridges | | | |

- A11 Reinforcement spacing changed in rear face of all "Sections" "section B-B - Type D Waterstop added.
- A12 "Sections EE and FF" - Reinforcement spacing changed in rear face.
- G6 Removal of notes pertaining to welded gusset plates
Removal of "Detail 1".
"Details A, B, C, D and E" revised.
Letters denoting types of connections changed in "Plan" to correspond to new details.
New note added for connection plates at piers and design of members.
- MB1 "Open Faced Wingwall Elevation" - Designer note changed pertaining to footing depth and dimension line changed on 4'-0" Min. Footing Depth.
- MS1 "Drip Bar Detail" added to drawing.
- PC1 Revision to overhang dimension on Fascia.
Anchor Plate dimensions corrected and hole sizes revised.
"Epoxy Mortar Pad" changed to "Mortar Pad".
- PC2 "Transverse Section" Railing updated.
- S4 "Detail A" - Revised and changed to "Parapet Chamfer Detail".
"Parapet - West and East" - revised.
"Transverse Section" - Diaphragm Connections to Flanges changed from welded to bolted.

Please make revisions to the following "Guide Line Drawings" as stated below:

- GLD-A13 All reinforcement in abutment headers to be epoxy coated.
- A14 Do
- A15 Do
- G4 Dead load inflection point shown in tables is optional but not mandatory.
- G5 Do
- MC1 "Slab Haunch Detail at Abutment" - Centerline of joint to be "Pay Limits for Superstructure Slab".
- PC5 "Recess for Bearing Pad Detail" - Change 1½" ϕ hole in bearing to 2" ϕ hole.
- PC6 "Sections A-A and B-B" - Change 1½" ϕ hole for 1" ϕ Anchor Rod to 2" ϕ hole.
"Section AA" - Add centerline of joint and call it "Pay Limits for Superstructure Slab".
- PC9 Remove note - "Tops of prestressed units shall receive a stiff wire rake finish."
- PC10 "Welded Bar Connections for Continuous Beams" - Plan - Change 1" Min. dimension to read, "1/4 bar diameter or 3/16" maximum.