

GIRDER REINFORCEMENT SHEET CHECKLIST

BD-0338 (REV 08/01/2022)

Project ID: EA: Project Name: Date:
Detailer: Designer: Checker:

Note: Structure Design Technician(T), Designer(D), and Checker(C) are responsible for checking each item or indicating not applicable (NA).

T D C NA Plan

- 1. Orient the same as the GIRDER LAYOUT sheet.
- 2. Usually the same scale as the GIRDER LAYOUT; but not less than 1" = 10'.
- 3. Place TOP REINFORCEMENT at the top of the sheet and BOTTOM REINFORCEMENT below.
- 4. If all reinforcement will not fit on sheet, detail all top reinforcement on ONE sheet and all bottom reinforcement on another sheet. Each sheet should cover the limits of a GIRDER LAYOUT "frame".
- 5. The GIRDER REINFORCEMENT sheets should follow the corresponding GIRDER LAYOUT sheet, with the bottom reinforcement preceding the top reinforcement.

Miscellaneous

- 1. Typically, only one exterior and interior bay needs to be shown.
- 2. Reference bar cut-offs from centerline span. Identify centerline Hinge span.
- 3. Use a reference line for spans and dimension the location with respect to one of the bents.
- 4. Draw main bars as heavy solid lines, and splice bars as lightweight solid lines.
- 5. Show outside edge of box and centerline girders using dashed and centerlines respectively.
- 6. For T-Beams show girder outlines and take a SECTION though the girder at the maximum number of bars.
- 7. Indicate hooks at the ends of continuous reinforcement where applicable.
 - A) For bottom reinforcement, usually at abutments and supported side of hinges.
 - B) For top reinforcement, usually at the supporting end or cantilever side of hinge.
- 8. Show bundle symbol on bars to be bundled together.

Standard Notes (Use as required)

- 1. NOTE: All reinforcement #_ unless otherwise noted.
- 2. NOTE: Number at ends of bars indicates the distance in feet from centerline span or reference line for bottom reinforcement and centerline bent for top reinforcement.