**TECHNICAL DRAWING & DETAILS**

**DECK ANCHOR PLATE**

- Beam anchor plate with 4-1" stud anchors, each with 2 heavy hex nuts and 2 washers each.
- Bolt size: 1" for 1/2" hole in anchor plate.
- Bolt type: 2" long with four heavy hex nuts and two flat washers each.

**PRESTRESSED UNIT ANCHOR PLATE**

- Prestressed unit anchor plate with 5" dia. anchor hole and 1" anchor stud.
- Bolt size: 1" for 1/2" hole in anchor plate.
- Bolt type: 2" long with four heavy hex nuts and two flat washers each.

**SPECIAL POST DETAIL**

- Special post detail with 8-1/2" x 10" fill plate.
- Bolt size: 1" for 1/2" hole in anchor plate.
- Bolt type: 2" long with four heavy hex nuts and two flat washers each.

**FLARE SPLICE ASSEMBLY**

- Flare splice assembly with 8" x 5/4" tube.
- Bolt size: 1" for 1/2" hole in anchor plate.
- Bolt type: 2" long with four heavy hex nuts and two flat washers each.

**FLARE SPLICE TUBE DETAIL**

- Flare splice tube detail with 8" x 5/4" tube.
- Bolt size: 1" for 1/2" hole in anchor plate.
- Bolt type: 2" long with four heavy hex nuts and two flat washers each.

**NOTE:**

- Anchor plates shall be included in the price bid for the bridge railing.
- Bolt size and type shall be as per the drawings and specifications.
- Bolt sizes shall be included in the price bid for the bridge railing.

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**DESIGNER NOTES**

- Designer shall detail anchor plate locations in prestressed units.
- For details of the required anchor plate, see site plans and foundation details.
- Anchor plates shall be included in the price bid for the bridge railing.
- Bolt size and type shall be as per the drawings and specifications.