**TYPICAL GIRDER SECTION**

- **PERMISSIBLE WEB SPLICE**
  - ELEVATION
  - SECTION

**TYPICAL STIFFENER BETWEEN CROSSFRAMES**

- **PERMISSIBLE WEB SPLICE**
  - TENSION OR COMPRESSION FLANGE SPLICE

**BEARING AND JACKING STIFFENERS**

- **TRANSVERSE WEB, BEARING, OR JACKING STIFFENER**
  - STOP SHORT AT ALL TERMINATION OF FILLET WELDS, (TYP.)

**TYPICAL STIFFENER AT INTERMEDIATE CROSSFRAME**

- **NOTES TO DESIGNER:**
  1. SIZE STIFFENER THICKNESS (w & tB) AND WIDTH (w) PER AASHTO LRFD AND PROJECT SPECIFIC REQUIREMENTS.
  2. SIZE SHEAR CONNECTOR QUANTITY PER ROW, DIAMETER AND LENGTH PER AASHTO LRFD AND PROJECT SPECIFIC REQUIREMENTS.
  3. USE OPTION 1 FOR TYPICAL STIFFENERS BETWEEN CROSSFRAMES UNLESS FATIGUE CHECKS AT THE TOE OF STIFFENER WELD (CATEGORY C) REQUIRES INCREASING THE FLANGE THICKNESS. IF FLANGE THICKNESS IS CONTROLLED BY THE FATIGUE CHECK, CUT STIFFENER PER OPTION 2 AT TENSION FLANGE LOCATIONS.
  4. SIZE HEIGHT OF COPE AND CLIP PER DIMENSIONAL CRITERIA SHOWN IN THE DETAILS.
  5. IF FILLET WELDS ARE SUFFICIENT FOR DEMANDS AT TOP WELD FOR BEARING AND JACKING STIFFENERS, A CLIP DETAIL MAY BE SUBSTITUTED FOR THE COPE.