**Girder Elevation**

1. **End Type A**
   - Description and requirements for the end type A girder.

2. **End Type B**
   - Description and requirements for the end type B girder.

3. **End Type C**
   - Description and requirements for the end type C girder.

4. **End Type D**
   - Description and requirements for the end type D girder.

5. **Intermediate Diaphragms**
   - Placement and details for intermediate diaphragms.

6. **Temporary Top Strands**
   - Requirements for the temporary top strands.

7. **Concrete Cover**
   - Minimum concrete cover requirements.

8. **Strand Orientation**
   - Guidelines for strand orientation in the girder.

9. **Bending and Shear**
   - Bending and shear requirements for the girder.

10. **Diaphragm Details**
    - Specifications for diaphragms and their placement.

11. **Temporary Hinges**
    - Requirements for temporary hinges in the girder.

12. **Contractor Instructions**
    - Instructions for the contractor regarding the installation and testing of the girder.

**Girder Notes**

- **Plan Length**
  - The plan length shall be increased as necessary to compensate for precast concrete and steel elements.

- **All Girder Types**
  - All precast and temporary strands shall be of low relaxation strands (AASHTO M203 Grade 270).

- **End Types A, C, and D**
  - All strands shall be cut flush with the end of the girder.

- **Concrete Cover**
  - The concrete cover shall be checked by the contractor to ensure that it is adequate for strength.

- **Field Bending**
  - Field bending shall be determined by the designer.

**Typical End Elevation**

- **End Type C**
  - Detailed requirements for the end type C girder.

**Diaphragm Types**

- **End Diaphragm**
  - Details for the end diaphragm.

- **Intermediate Diaphragm**
  - Details for the intermediate diaphragm.

- **Hinge Diaphragm**
  - Details for the hinge diaphragm.

**Bridge and Structures Office**

- **Washington State Department of Transportation**
  - Details for the Washington State Department of Transportation.

**Standard Prestressed Concrete Girder**

- **Wood Girders**
  - Details for wood girders.