**GENERAL NOTES**

**DESIGN SPECIFICATIONS**

The standard drawing conforming to the "AASHTO LRFD Bridge Design Specifications" adopted by the American Association of State Highway and Transportation Officials (AASHTO), 2007, including the 2008 interim revisions, and the 2007 ODOT Bridge Design Manual, shall be used for design of all bridges. The department will determine the sum as the length measured along the axis of each pile from the top of the pile to the bottom of the slab cap. The department will pay for accepted quantities at the contract price for item - special, pile encasement.

**REINFORCEMENT**

**SPECIAL CONSTR. JT.**

**LIMITS OF DESIGN:**

1. This standard drawing should not be used for any bridge in which the following limits are exceeded:
   - Span
   - Length
   - Epoxy

2. This drawing provides general design and construction details. The project plans for each structure shall show stationing, span lengths, roadway width, skew angles, and elevations. The designer shall provide a concrete slab thickness to support a standard continuous concrete slab with an individual span of 57.50 feet.

3. Reinforcement steel shall be spliced by the use of mechanical connectors. The mechanical connector system used shall be able to develop 95 percent of the full yield strength of the reinforcing steel. Reinforcement steel shall be spliced, lap splices in a standard arrangement.

**CONCRETE PILE ENCASEMENT**

The department will measure pile encasement by the number of piles and the department shall determine the sum as the length measured along the axis of each pile from the top of the pile to the bottom of the slab cap. The department will pay for accepted quantities at the contract price for item - special, pile encasement.

**PILE ENCASEMENT**

The department will allow permanent attachment of the falsework only if the attachment is made to the portion of the falsework encased in the pile cap. The department will not allow other methods of permanent attachment to the pile including methods that require permanent falsework support encased in the bridge slab. The falsework support shall not be removed.

**PILE ENCASEMENT**

The department will allow permanent attachment of the falsework only if the attachment is made to the portion of the falsework encased in the pile cap. The department will not allow other methods of permanent attachment to the pile including methods that require permanent falsework support encased in the bridge slab. The falsework support shall not be removed.

**FUTURE WEARING SURFACE**

The future wearing surface thickness shall be 0.06 KSF.

**DESIGN METHOD**

The design method will be load and resistance factor design (LRFD).

**GENERAL NOTES (CONTINUED)**

The department will allow permanent attachment of the falsework only if the attachment is made to the portion of the falsework encased in the pile cap. The department will not allow other methods of permanent attachment to the pile including methods that require permanent falsework support encased in the bridge slab. The falsework support shall not be removed.

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