The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of any printed data on this standard. This standard may not be used for "H" heights exceeding 24 feet or exposed pile foundation details and notes. See Common Foundation Details (FD) standard sheet for all foundation details and notes.

For pile bents supporting unequal spans, the shorter span cannot be less than 80 percent of the longer span.

Foundation loads based on "H" = 24 feet. For each linear foot variation ±10", pitable, make the following adjustments:

- Bars Z length, 9'-6"
- Reinforcing Steel, 60 Lb/Ade
- Permissible construction joint (Typ)
- Cap and Section A-A
- Earwall
- Cap End Detail
- TOE Or Foundation Loads
- M-O Loadings
- Designated according to AASHTO LRFD Bridge Design Specifications. Bent selection must be based on the average span length rounded up to the next 5-foot increment.

For pile bents supporting unequal spans, the shorter span cannot be less than 80 percent of the longer span.

See Bridge Layout for foundation type, size, and length.

These bent details do not support the use of multi-pile footings, but shall be less than 80 percent of the longer span.

Note: Foundation loads based on "H" = 24 feet.

When HP4117 steel piling is specified in the plans, the Contractor has the option of furnishing either HP14x117 or HP16x101 steel piling.

Designed according to AASHTO LRFD Bridge Design Specifications. Bent selection must be based on the average span length rounded up to the next 5-foot increment.

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When HP4117 steel piling is specified in the plans, the Contractor has the option of furnishing either HP14x117 or HP16x101 steel piling.

GENERAL NOTES:
- MATERIALS:
  - Provide HP4117 piling with ends concave as specified in the plans.
  - Provide Grade 60 reinforcing steel.
  - Provide Class C concrete (f'c = 3,000 psi).

INTERIOR BENTS
- PRESTRESSED CONCRETE SLAB BEAM
- 28' ROADWAY

BSBP-28
- January 2017

REVISIONS