**GENERAL NOTES**

**DESIGN SPECIFICATIONS:** This standard drawing conforms to the standard specifications for highway bridges adopted by the American Association of State Highway and Transportation Officials, 1998, including the 1998 and 1999 interim specifications and the 1987 bridge design manual.

**DESIGN LOADINGS:** HS20 and the alternate military loading

**DESIGN DATA:** Concrete Class C - Compressive Strength 4000 psi. (Substructure) Reinforcing steel: ASTM A615, A616 or A617, epoxy coated, Grade 60 minimum yield strength 60,000 psi.

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**DESIGN INSTRUCTIONS**

**GENERAL:** This drawing provides design and general construction details. The project plans for each structure shall show stations, span lengths, roadway width, skew, curve and super-elevation data (if any), elevations, superstructure details, estimated quantities, reinforcing steel list, areas of scaling, type of sealer and other necessary details and special notes.

**PILE TYPE, SIZE, SPACING, AND ESTIMATED PAY LENGTHS:** The piles shall be shown on the project plans. The piles shall be 12" or 14" diameter cast-in-place reinforced concrete, or as 10" or 12" steel "H" piles. Spacing shall not exceed 8'-0". The ultimate bearing value per pile shall be given in the structural general notes.

**REINFORCING STEEL:** The longitudinal No. 10, No. 8 and No. 6 bars at the option of the contractor and at no additional cost to the state, may be furnished either in one length as shown herein, or spliced. If the splice option is chosen, the No. 10 bar shall be lapped 1'-0"; the No. 8 bar shall be lapped 6'-5"; and the No. 6 bar shall be lapped 3'-7". A staggered lap splice arrangement shall be used. The reinforcing shall be included with the concrete for payment.

**LEGEND**

A - OUT TO OUT

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**PART ELEVATION**

Showing drain details

(See Section B-B, Sheet 1/2 for additional details)

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**DB01**

- Length: 11'-0"
- Width: 9'-0"

**AS01**

- Width: 8'-8"
- Length: 1'-3"

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**DRAWING**

- 1/4" = 1'-0"
- Scale: 1/4" = 1'-0" (4144 = 823 ft.) Sec 4

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**DIAGRAMS**

- Various parts shown at different scales

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**REFERENCES**

- AS01
- AS02
- AS03
- AS04