



GENERAL NOTES

- All reinforcement shall have a minimum clear concrete cover of 2".
- All concrete to be Class "B" except pipe pile concrete.
- All exposed corners to have 3/4" chamfer or fillet.
- All exposed concrete shall be formed with oiled plywood or approved equivalent.
- All surfaces except bearing surfaces and bottom and fill side of abutment to be given a Class 5 finish.
- Pipe piles shall be given three (3) field coats of paint. Painting shall otherwise conform to the Bridge Branch Construction Specification for Painting Metal Structures.
- Piles shall be driven to the following bearing values unless the required penetration is determined on the basis of a soil analysis:
 - Pier piles - 50 tons
 - Abutment piles - 37 tons
- See Standard Drawing S-827 for Pipe Pile Splice Details.
- For superstructure details not shown see Drawing S-1119.
- In using this plan the following limits shall not be exceeded:
 - Height of deck above stream bed - 20 ft.
 - Top of fill to backwall - 15 ft.
 - Skew - 45°
 - Ice - as usual load in stream.

REINFORCEMENT ARRANGEMENT.

1 REQUIRED FOR 15° SKEW
2 REQUIRED FOR 30° SKEW
4 REQUIRED FOR 45° SKEW
TYPICAL AT EACH END.

A701 OR A702 FOR ABUTMENT AND PIER.

A401 FOR ABUTMENT.
P501 FOR PIER.

A701 OR A702 FOR ABUTMENT AND PIER.

A401 FOR ABUTMENT.
P501 FOR PIER.

BY S-1124-76
AUG 74

SUPERSEDED

NOTE: Details shown are for field cast caps. For precast caps work this drawing in conjunction with Dwg. ①

WORK THIS DRAWING IN CONJUNCTION WITH DNG. # S-1125.

APPROVED		PROVINCE OF ALBERTA DEPARTMENT OF HIGHWAYS AND TRANSPORT BRIDGE BRANCH	
PRELIMINARY ONLY		CONCRETE SUBSTRUCTURE FOR 25, 30 & 35 VS BRIDGES HS 25 TRUCK - SHEET #1	
REVISIONS		DATE	
DESIGNED D.K.D.	DRAWN BY W.J.S.	DATE ALIG. 0, 1974	CHECKED BY DATE
STREAM	LOCATION	HWY. NO.	SCALE AS SHOWN
		FILE NO.	SHEET 1 of 2
		DWG. NO.	S-1124