



- 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 streambed - 20 ft
    - Top of fill to backwall - 5 ft
    - Skew - 45°
    - Ice - usual ice load in small stream.

WORK THIS DRAWING IN CONJUNCTION WITH DNG. \* S - 1125.

APPROVED  
*[Signature]*  
CHIEF BRIDGE ENGINEER

PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS AND TRANSPORT  
BRIDGE BRANCH

**CONCRETE SUBSTRUCTURE FOR 25, 30 & 35 V.S. BRIDGES HS 25 TRUCK - SHEET #1**

NO.	DATE	DESCRIPTION	BY
1	11 MAY 77	BRIDGE PLAQUE	T.B.
2	21 AUG 76	OMIT FIBERBOARD	R.W.K.
3	21 JAN 76	RE-DRAWN FROM S-1124	D.R.D.

DESIGNED	DRAWN BY	DATE	CHECKED BY	DATE	STREAM	LOCATION	HPY. NO.	SCALE	FILE NO.	SHEET	DWG. NO.
D.K.D.	W.J.S.	ALG. 5, 1974						AS SHOWN		1. of 2.	S-1124-76

DATE: JAN 9 1976