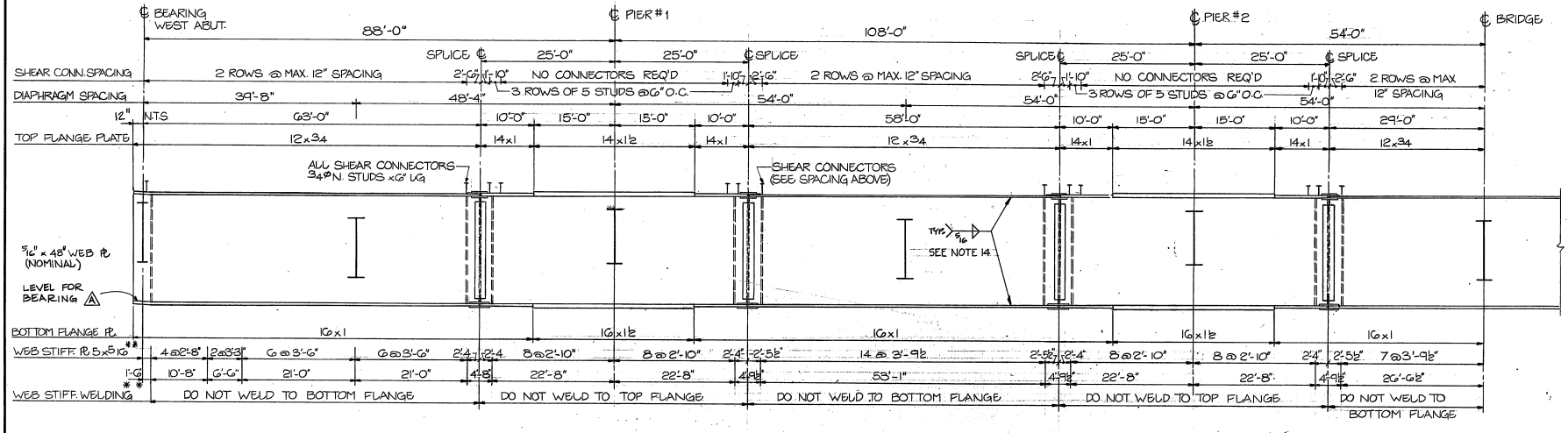
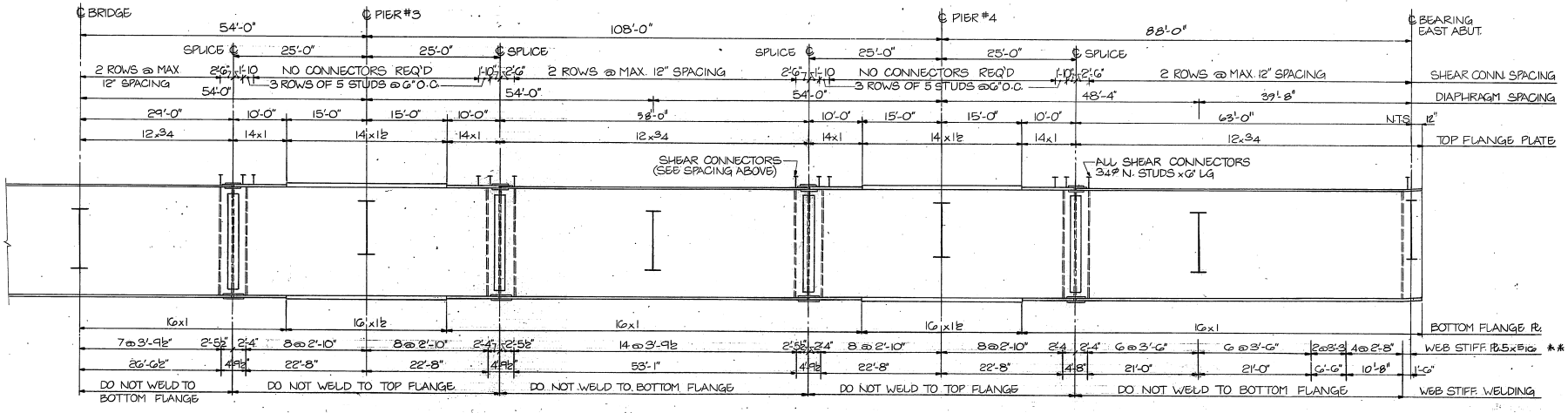
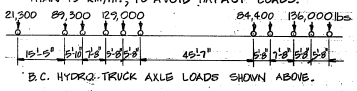




** EXCEPT AT CONNECTIONS WITH BRACING AND DIAPHRAGMS - SEE DRAWINGS 311.38 AND 39

NOTES

1. DESIGN SPECIFICATIONS - AASHTO 1977.
2. BRIDGE DESIGNED FOR HS 25-44 LIVE LOAD WITH A 28'-0" WIDE ROADWAY. BRIDGE IS ALSO DESIGNED FOR A SINGLE B.C. HYDRO TRANSFORMER TRUCK TRAVELLING AT A SPEED LESS THAN 13 km/hr., TO AVOID IMPACT LOADS.



B.C. HYDRO TRUCK AXLE LOADS SHOWN ABOVE.

3. SUPERIMPOSED DEAD LOAD INCLUDES 2" WEARING SURFACE TO BE APPLIED AT A LATER DATE.
4. MATERIALS: STRUCTURAL STEEL - CAN3-G40.21 M81-350AT. BOLTS - A.S.T.M. A325, TYPE 3, 7/8" (EXCLUDE THREADS FROM SHEAR PLANES.)
5. EXPOSE BOLT HEADS ON EXTERIOR BRIDGE SURFACES.
6. WELDING TO COMPLY WITH C.S.A. W59. - NO UNDERCUTS ALLOWED.
7. PROVIDE MINIMUM CONNECTION OF 75% OF MEMBER STRENGTH U.O.N.
8. FOR CAMBER, SEE DRAWING 311-38
9. CUT WEBS FOR CAMBER AND VERTICAL BRIDGE PROFILE.
10. ENDS OF WEBS AT ABUTMENTS TO BE VERTICAL UNDER DEAD LOAD AND SUPERIMPOSED DEAD LOAD.
11. METALLIZE TOP SURFACES & EDGES OF ALL GIRDER TOP FLANGES IN NEGATIVE MOMENT REGION BETWEEN SPLICES.
12. GIRDER LENGTH GIVEN FOR 10°C (50°F).
13. ESTIMATED WT. OF STRUCTURAL STEEL (INCL. BEARINGS) = 280 TONS.
14. WELD TO BE BY AUTOMATIC PROCESS WHICH PROVIDES A CONTINUOUS WELD THROUGHOUT THE LENGTH OF THE GIRDER.

D			
C			
B			
A	AS BUILT (A.A. TALBOT)	AUG. 6/84	MGM

REVISIONS

REID, CROWTHER & PARTNERS LIMITED
SUITE 200 — 260 W. ESPLANADE ST.
NORTH VANCOUVER, B. C. V7M 3G7

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — JAGDISH R. SONDHI — 82.05.13

GOVERNMENT OF BRITISH COLUMBIA
MINISTRY OF TRANSPORTATION AND HIGHWAYS
BRIDGE ENGINEERING BRANCH

VERNON HIGHWAYS DISTRICT
MABEL LAKE ROAD

ENDERBY BRIDGE
GIRDER ELEVATIONS

PREPARED UNDER THE DIRECTION OF CONSULTING ENGINEER MAY/82	SCALE: NOTED	REG. No. 273614	
	DRAWN JEG	CHECKED NRS	
APPROVED FOR USE IN CONSTRUCTION 82.05.26 DIRECTOR OF BRIDGE ENGINEERING	EXAMINED AND ACCEPTED 1082 ST EXECUTIVE DIRECTOR OF ENGINEERING	DRAWING No. 311-36	A

7918A

CANCEL PRINTS BEARING EARLIER LETTER