NOTES

1. LOADING AND SPAN TO SUIT APPLICATION.
   b) OHBDC (SHEAR).
   c) MoF BRIDGE DESIGN AND CONSTRUCTION MANUAL
   d) LONGITUDINAL WEB REINFORCING IN ACCORDANCE WITH OHBDC
      AND UNIVERSITY OF BRITISH COLUMBIA (DEP. OF CIVIL ENGINEERING)
      REPORT "SERVICE LOAD CRACKING OF CONCRETE-STEEL HYBRID
      GIRDERS", 1997, EQUATION 12 WITH CRACK WIDTH AT SLS $w < 0.2 \text{mm}$
3. TYPICAL DETAILS SHOWN. ACTUAL CROSS SECTION DETAILS
   MAY VARY TO SUIT APPLICATION.
4. STEEL: CSA G40.21M GRADE 350 AT CAT. 3 (PLATE)
   GRADE 350A (SECTIONS)
5. CONCRETE: CAN3 A23.1 EXPOSURE CLASS C1, $f'c=35 \text{MPa}(\text{MIN})$ @ 28 DAYS.
6. REINFORCING: CSA G30.18M GRADE 400
7. COMPOSITE GIRDER IS A PROPRIETARY SYSTEM. MANUFACTURE IS BY
   PIONEER PRECAST PRODUCTS LTD., CHILLIWACK, B.C. (604) 702 0630
   OR UNDER LICENSE FROM SAME.

PIONEER PRECAST PRODUCTS LTD,
CHILLIWACK, B.C. (604) 702 0630
OR UNDER LICENSE FROM SAME.

ASSUME NOT TO SCALE
NOT FOR CONSTRUCTION

Provincial of British Columbia
MINISTRY OF FORESTS
RESOUCES TENURES and ENGINEERING BRANCH
STANDARD BRIDGE DRAWING

TYPICAL GIRDER SECTION
1:20

REINFORCEMENT DETAIL
1:20

Canadian Patent No. 2,023,198.
U.S. Patent No. 5,152,112.