SECTION THROUGH BRIDGE

SPAN RANGE: 9m - 27m

1. LOADING AND SPAN TO SUIT APPLICATION.
2. DESIGN:
   a) CAN/CSA-S6-88 (MODIFIED).
   b) OHBDC (SHEAR).
   c) MOF BRIDGE DESIGN AND CONSTRUCTION MANUAL
   d) 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 ≤ 0.2mm
3. TYPICAL DETAILS SHOWN. ACTUAL CROSS SECTION DETAILS MAY VARY TO SUIT APPLICATION.
4. STEEL: CSA G40.21M GRADE 350 (PLATE)
   CSA G30.18M GRADE 400 (SECTIONS)
5. CONCRETE: CAN3 A23.1 EXPOSURE CLASS C1, f'c=35MPa (MIN.) @ 28 DAYS.
6. REINFORCING: CSA G30.18M GRADE 400
7. COMPOSITE GIRDERS IS A PROPRIETARY SYSTEM. MANUFACTURE IS BY PIONEER PRECAST PRODUCTS LTD., CHILLIWACK, B.C. (604) 702 0630 OR UNDER LICENSE FROM SAME.

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