

USE

- a) Type 2 bridge barrier shall be used on all highways for long structures with concrete or concrete and steel throughout.
- b) Type 2 bridge barrier may be used on local highways for medium length structures with concrete or concrete and steel throughout as an alternative to Type 1 barrier.

DESIGN LOADS

1. Design loadings of the Type 2 bridge barrier shall be in accordance with the requirements of CSA standard CAN 3-S6-M.

MATERIAL SPECIFICATIONS

1. All structural steel, except tubing, shall conform to the requirements of CSA Standard G40.21-M, Grade 300W.
2. All hollow structural sections shall conform with the requirements of CSA Standard G40.21-M, Grade 350W.
3. All railing, posts, splices and hardware shall be galvanized in accordance with the requirements of CSA Standard G164-M.
4. All welding shall conform to the requirements of CSA Standard W59-M.
5. Galvanized surfaces damaged during shipping or erection shall be repaired with two coatings of a zinc rich paint conforming to the requirements of CGSB specification 1-GP-1815.
6. All bolts, nuts and washers shall conform to the requirements of ASTM Specification A307. Bolts, nuts and washers shall be cadmium plated or galvanized to conform to CSA Standard G164-M.
7. All concrete components shall provide a minimum 28 day compressive strength of 25 MPa. Reinforcing steel shall be fabricated from deformed bars conforming to the requirements of CSA Standard G30.12-M.

RECOMMENDED:

J. J. Smyth
ROAD DESIGN ENGINEER

APPROVED:

M. H. Blair
ASSOC. DEPUTY MINISTER (ENGINEERING)

DATE: MAY 20, 1987

SASKATCHEWAN DEPARTMENT OF HIGHWAYS
AND TRANSPORTATION
BRIDGE BARRIER TYPE 2
USE, DESIGN LOADS AND
MATERIAL SPECIFICATIONS

STANDARD
PLAN
No.
28821