

USE

- a) Type 3 barrier shall be used on local highways for structures with a precast concrete super-structure where an approach safety barrier is to be provided;
- b) Type 3 bridge barrier may be used on all highways with timber throughout in conjunction with an approach safety barrier.

DESIGN LOADS

1. Design of the type 3 steel traffic barrier shall conform to the requirements of CSA Standard CAN 3-S6-M.

MATERIAL SPECIFICATIONS (RAILS AND POSTS)

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 to the requirements of CSA Standard G40.21-M, Grade 350W.
3. All railing, posts, blocks and hardware shall be galvanized according to 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 touched up with a zinc rich paint.
6. All bolts shall conform to the requirements of A.S.T.M. Standard A307. Bolts, nuts and washers shall be cadmium plated or galvanized.
7. The threads of all galvanized nuts shall be tapped in accordance with A.S.T.M. Standard A563.

RECOMMENDED:

J. J. Syme
ROAD DESIGN ENGINEER

APPROVED:

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

DATE: MAY 20, 1987

SASKATCHEWAN DEPARTMENT OF HIGHWAYS
AND TRANSPORTATION
BRIDGE BARRIER TYPE 3
USE, DESIGN LOADS &
MATERIAL SPECIFICATIONS

STANDARD
PLAN
No.
28831