



- NOTES:**
- STEELWORK MATERIAL TO CONFORM TO SPECIFICATIONS AS FOLLOWS:  
(A) HOLLOW STRUCTURAL SECTION - G40.21M 350W CLASS C.  
(B) BOLTS - A.S.T.M. A325M  
(C) PLATES - G40.21M 300W.
  - ALL STEELWORK TO BE GALVANIZED AFTER FABRICATION. GALVANIZING TO BE IN ACCORDANCE WITH C.S.A. SPECIFICATION G164, TABLE 1.
  - POSTS TO BE ANCHORED TO THE PARAPET WITH 16mm (5/8") GALVANIZED THREADED RODS A36 MATERIAL OR 16mm (5/8") STAINLESS RODS EPOXY GROUTED INTO 18mm (3/4") DRILLED HOLES. MINIMUM EMBEDMENT 200mm. A HIGH MODULUS, LOW VISCOSITY EPOXY IS TO BE USED.
  - ON CURVED BRIDGE, RAILINGS TO BE SHOP BENT TO SUIT.

Rev	Date	Description	Init
A	96/6/27	WELD SIZE AND DIMENSION	GW
B	97/2/21	ANCHOR BOLTS	BGDC
C	03/05	REVISED MINISTRY BORDER	WHK
D	06/07	PLATE SPEC ADDED, BOLTING ACCESS	DRM/WHK

REVISIONS

**Ministry of Transportation & Infrastructure**  
Bridge Engineering

**STANDARD BRIDGE PARAPET  
STEEL RAILING (1995)**

AUTHORIZED BY	
ORIGINAL SIGNED BY P. BRETT	ORIGINAL SIGNED BY M. CLARK
DIRECTOR OF BRIDGE ENGINEERING	CHIEF HIGHWAY ENGINEER
DATE 1997-04-21	DATE 1997-04-21

PREPARED UNDER THE DIRECTION OF ORIGINAL SIGNED BY K. W. HO SENIOR BRIDGE DESIGN ENGINEER	DESIGNED MP/VH DATE 95/04/27	CHECKED JES DATE 95/04/27	DRAWN RYC DATE 95/04/27
DATE 1997-04-21	FILE No.	PROJECT No.	REG. DRAWING No.
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