NOTES:
1. STEELWORK to be fabricated to the requirements of MRT/ST/8.
   Flat bar and round bar to AS/NZS 3679.1.
   Reinforcing steel to be Grade 1250 in accordance with AS/NZS 4671.
   Bolts Class 4.6 to AS 1111.1 and washers for Class 4.6 bolts to AS 1237.
   All bolts to be hot dip galvanized to AS 1214. All other steelwork to be
   hot dip galvanized to AS/NZS 4800 unless otherwise shown. Prior to
   galvanizing all weld spatter and welding slag to be removed.
2. WELDING symbols conformed to AS 1101.3.
   All welding to AS/NZS 1554.1.
   All welds, except horizontal tack welds, to be 5P category.
   Welding consumables to be controlled hydrogen type E69XX or E70XX
   unless shown otherwise.
3. DIMENSIONS are in millimeters unless shown otherwise.

ASSOCIATED DOCUMENTS:
Main Roads Standard Drawings Roads manual
Main Roads Specifications and Technical Standards Manual

REFERENCED DOCUMENTS:
Standard Drawings:
1470 Single Slope Concrete Barrier – Transition between Median Barrier
   and Thrie Beam Guardrail
1475 Steel Beam Guardrail – Installation on Bridge and Barrier Approaches
1490 Steel Beam Guardrail – Fabrication Details for W Beam Rails and
   Rail Components
1491 Steel Beam Guardrail – Fabrication Details for Thrie Beam Rails and
   Rail Components
1484 Steel Beam Guardrail – Barrier Slope Terminals (1 on 1 and
   Steeped)
1486 Single Slope Concrete Barrier – Concrete Terminal with Thrie Beam
   Guardrail Connection General Details

Standard Specifications:
MRT/ST/44 Road Furniture (Steelwork)
MRT/ST/8 Fabrication of Structural Steelwork

Australian Standards:
AS 1101.3 Graphical Symbols for General Engineering
AS 1111.1 6D Metric Hexagon Bolts and Screws –
   Product Grade C – Bolts
AS 1214 Hot-dip Galvanized Coatings on Threaded Fasteners
   (ISO Metric Coarse Thread Series)
AS 1237 Plain Washers for Metric Bolts, Screws and Nuts for
   General Purposes
AS/NSZS 1554.1 Structural Steel Welding – Welding of Steel Structures
AS/NSZS 3679.1 Structural Steel – Hot-rolled Bars and Sections
AS/NSZS 4671 Steel Reinforcing Materials
AS/NSZS 4680 Hot-dip Galvanized (Zinc) Coatings on Fabricated
   Ferrous Articles

CONCRETE BARRIER/BRIDGE PARAPET

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