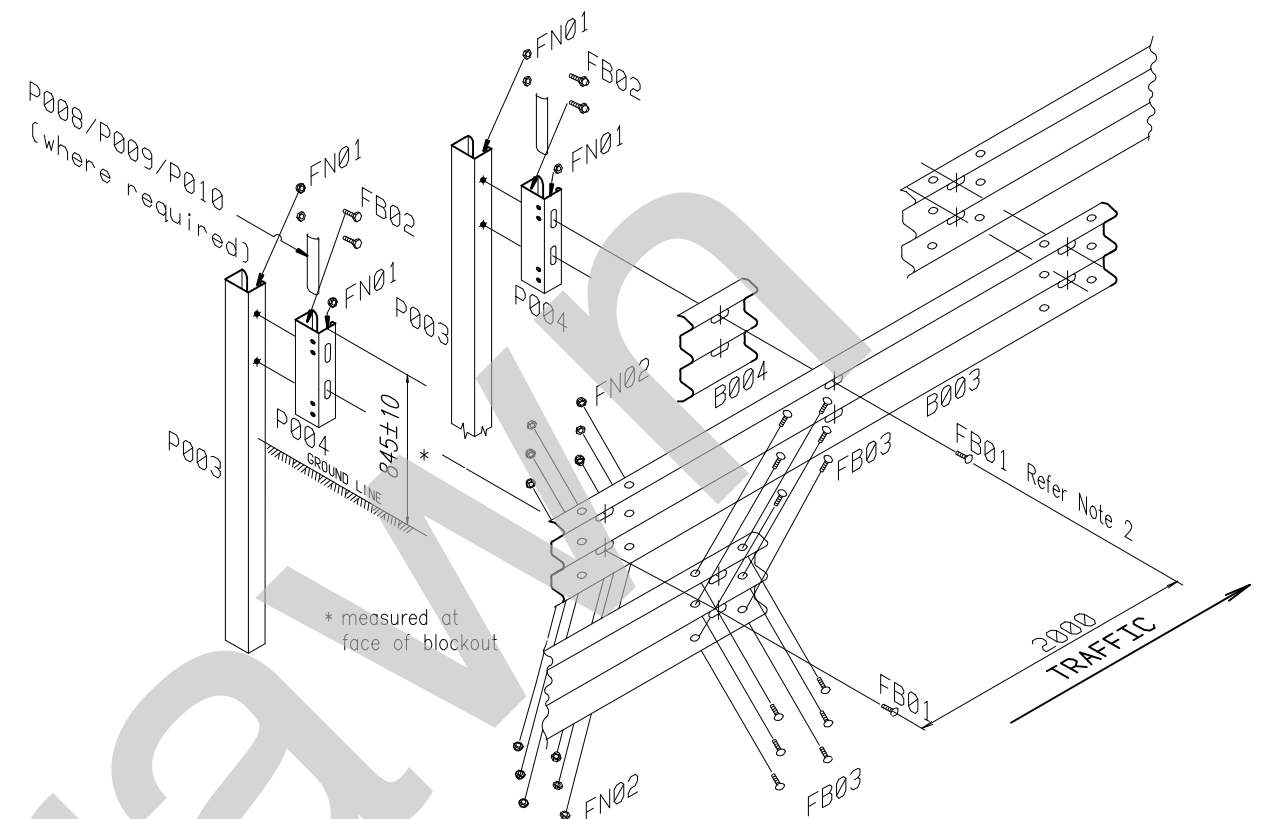


SCHEDULE OF COMPONENTS

Item No - Ref Drawing	Description	Qty
P001 - 1477	1850 Steel Post for W Beam	2
P002 - 1477	360 Blockout Piece for W Beam	2
B001 - 1480	4000 W Beam Rail	1
B002 - 1480	300 W Beam Stiffening Piece	1
FB01 - 1479	M16x50 Mushroom Head Bolt - Post	2
FB02 - 1479	M16x30 Hexagon Bolt - Post	4
FB03 - 1479	M16x32 Mushroom Head Bolt - Splice	8
FN01 - 1479	M16 Nut	6
FN02 - 1479	M16 Oversized Nut (18 deep)	8

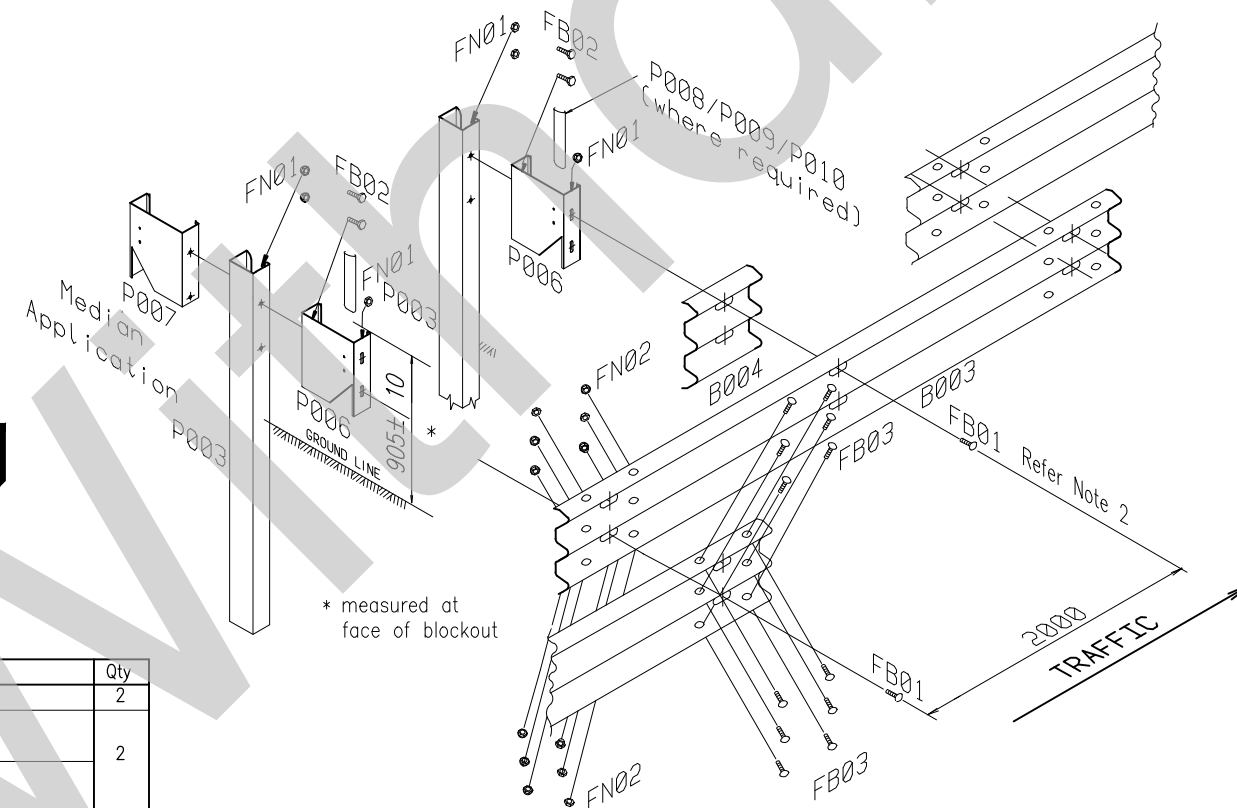
W BEAM ASSEMBLY



SCHEDULE OF COMPONENTS

Item No - Ref Drawing	Description	Qty
P003 - 1477	2150 Steel Post for Thrie Beam	2
P004 - 1477	550 Blockout Piece for Thrie Beam	2
B003 - 1481	4000 Thrie Beam Rail	1
B004 - 1481	300 Thrie Beam Stiffening Piece	1
FB01 - 1479	M16x50 Mushroom Head Bolt - Post	2
FB02 - 1479	M16x30 Hexagon Bolt - Post	4
FB03 - 1479	M16x32 Mushroom Head Bolt - Splice	12
FN01 - 1479	M16 Nut	6
FN02 - 1479	M16 Oversized Nut (18 deep)	12

STANDARD THRIE BEAM ASSEMBLY



Dimension from Ground Line to top of Blockout is 905mm as against 845mm for Standard Blockout

SCHEDULE OF COMPONENTS

Item No - Ref Drawing	Description	Qty
P003 - 1477	2150 Steel Post for Thrie Beam	2
P006 - 1477 OR P007 - 1477	430 Notched Blockout Piece for Thrie Beam (Verge Application) 430 Notched Blockout Piece for Thrie Beam (Median Application)	2
B003 - 1481	4000 Thrie Beam Rail	1
B004 - 1481	300 Thrie Beam Stiffening Piece	1
FB01 - 1479	M16x50 Mushroom Head Bolt - Post	2
FB02 - 1479	M16x30 Hexagon Bolt - Post	4
FB03 - 1479	M16x32 Mushroom Head Bolt - Splice	12
FN01 - 1479	M16 Nut	6
FN02 - 1479	M16 Oversized Nut (18 deep)	12

MODIFIED THRIE BEAM ASSEMBLY

NOTES:

- RAIL LAP, POST AND BLOCKOUT orientation in relation to traffic direction as shown is essential.
- BOLTS FB01 to be alternated between top and bottom holes to prevent thrie beam r
- ALL DIMENSIONS are shown in millimet otherwise shown.

ASSOCIATED DOCUMENTS:



Department of Main Roads Manual of St
Department of Main Roads Manual of St

REFERENCED DOCUMENTS:

Standard Specifications:
Road Furniture
Australian Standards:
AS/NZS 3845 Road Safety Barrier S

This Standard Drawing is withdrawn. Public domain steel barrier systems are not to be used as Normal Design Domain (NDD) for new projects or installations within the TMR network. However, this drawing can be used for the purposes of maintaining existing installations when repairs and replacements can be reasonably and readily undertaken or if justified and certified by an RPEQ as an Extended Design Domain (EDD) for new installations, where appropriate proprietary products are not suitable/feasible.

Updated Guidance stamp 3/2025

Department of Transport and Main Roads			
STEEL BEAM GUARDRAIL			
W BEAM AND THRIE BEAM ASSEMBLIES		A3 Not to Scale	Standard Drawing No 1482 Date 3/2021 3/2025
A	B	C	