

TFBB04 w/ TFWC16a

UNDER NUT (TYP)

ELEVATION

1:50

NOTE: Original structual drawing sealed by J. Lukashenko P.Eng., Feb.23, 2000. It is filed in the Bridges and Structures Branch.

REVISIONS

DATE DESCRIPTION BY 11-2005 THREADED ROD HPL Infrastructure and Transportation

TRAFFIC ENGINEERING

REVISIONS

H.P. LARSEN

TRAFFIC ENGINEERING

NESTED
THRIE- BEAM
APPROACH GUARDRAIL TO
NEWEL POST TRANSITION

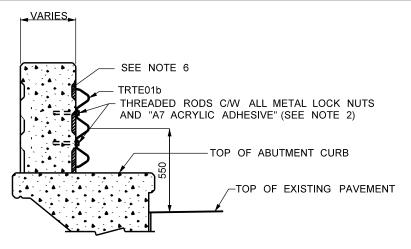
USING 90 mm GALVANISED NAIL TO

3. ALL SCALES ARE APPROXIMATE.

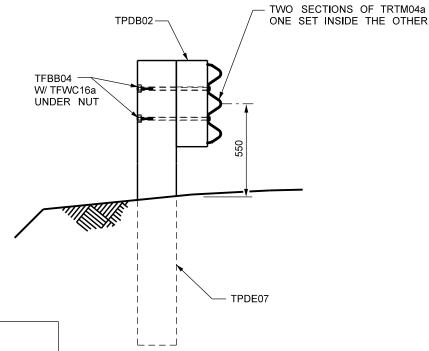
PREVENT ROTATION

SHEET NO	1 OF 2	
DATE:	2002 - 09	
DRAWN:	D.C.	

TSTB07a



SECTION A-A 1:25



SECURE BLOCK FROM—
ROTATION WITH 90 mm
LONG GALVANIZED NAIL

TFBB04
W/TFWC16a
UNDER NUT
(SEE NOTE 7)

10:1 SLOPE
OR FLATTER

TPDB01

TRWM02a

TRWM02a

TPDE05

SECTION B-B 1:25

NOTES:

- 1. THE THRIE-BEAM TERMINAL CONNECTOR SHALL BE USED AS A TEMPLATE TO CORE HOLES INTO THE NEWEL POST. CARE SHALL BE TAKEN TO ENSURE HOLES ARE CORED ACCURATELY WITH MINIMAL DAMAGE TO NEWEL POST. USE OF ROTARY HAMMER DRILLS WILL NOT BE ALLOWED.
- 2. HOLES FOR THREADED ROD SHALL BE CORED INTO THE NEWEL POST AT 2 mm LARGER THAN THE BOLT DIAMETER.
- 3. ALL THREADED RODS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A325 EXCEPT WHERE NOTED OTHERWISE.
- 4. ALL MATERIAL IN THE NOTED BILL OF MISCELANEOUS METAL SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH CAN/CSA G164-M92
- 5. UNEVEN SURFACES BEHIND THRIE BEAM TERMINAL CONNECTOR SHALL BE PATCHED SMOOTH AS REQUIRED TO PROVIDE UNIFORM BEARING OF THE CONNECTOR. NON-METALIC, NON SHRINK GROUT SHALL BE USED.
- 6. CUT / GRIND POST BOLT AS REQUIRED TO FACILITATE ASSEMBLY.
- 7 THREADED ROD 150 LONG. EMBED 100 INTO CONCRETE NEWEL POST.

ALL SCALES ARE APPROXIMATE

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NESTED
THRIE- BEAM
APPROACH GUARDRAIL TO
NEWEL POST TRANSITION

SHEET NO	2 OF 2
DATE:	2002 - 09
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TSTB07a

No.	DESCRIPTION	SIZE	MASS PER/UNIT	TOTAL MASS
	Threaded Rod	22 ø x150 Threaded rod c/w all metal lock nut (see note 7)		N/A
			0.154	
		Total mass		kg