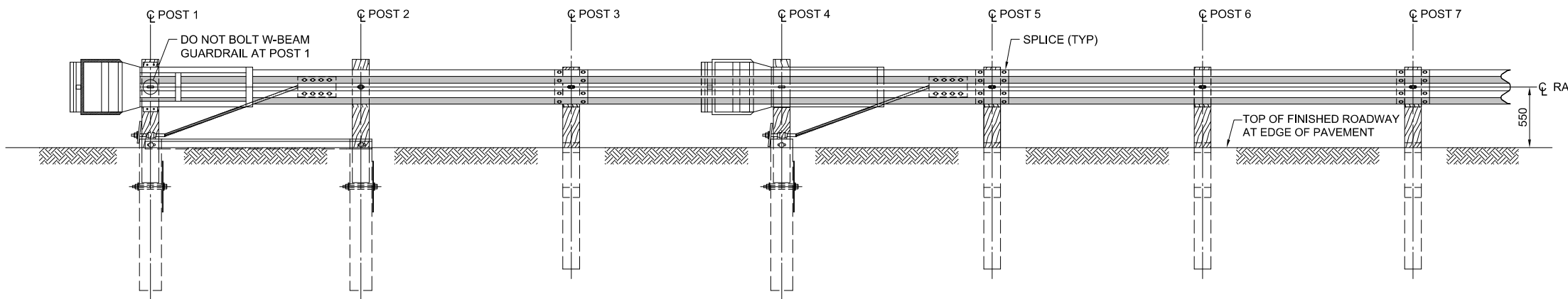


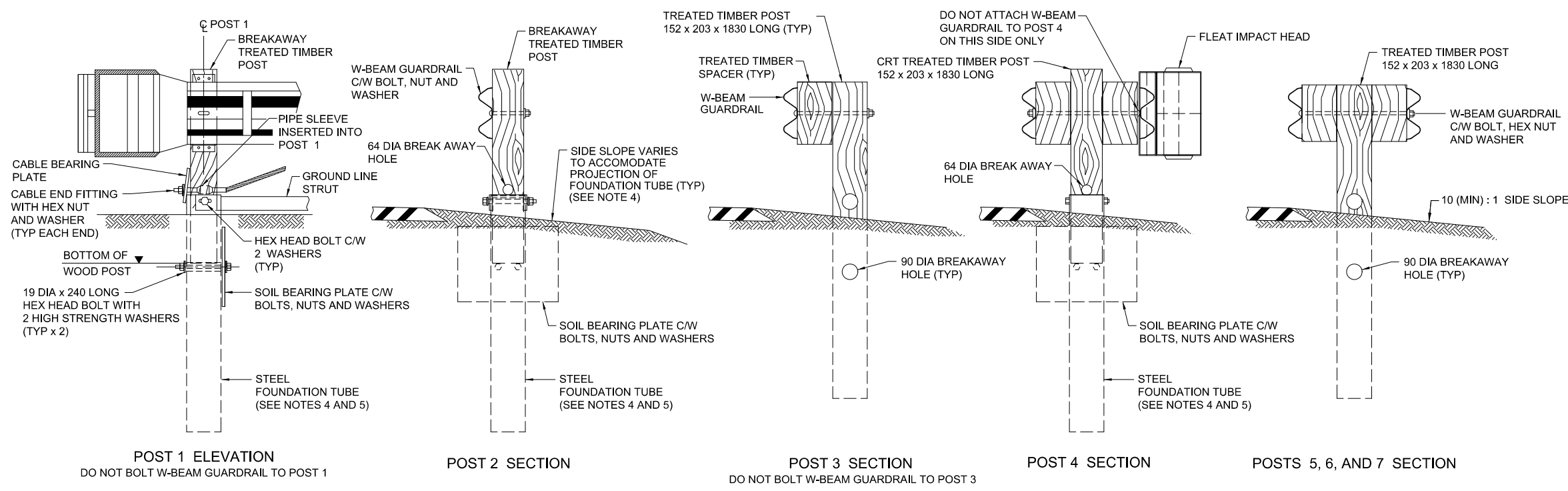
REFER TO THE MANUFACTURER FOR THE LATEST DRAWINGS AND SPECIFICATIONS

TRAFFIC FLOW →

**FLEAT-MT TERMINAL PLAN**  
FOR WIDE MEDIANS ONLY



**FLEAT-MT TERMINAL ELEVATION**



**POST DETAILS**

**NOTES:**

1. THE FLEAT MT SYSTEM DEPICTED ON THIS DRAWING IS PROPRIETARY TO ROAD SYSTEMS, INC. (RSI) AND MEETS THE REQUIREMENTS OF NCHRP REPORT 350 FOR TEST LEVEL 3 (TL-3). THE INSTALLATION OF THIS SYSTEM SHALL BE AS PER THE RSI INSTALLATION MANUAL.
2. APPLICATION OF THIS SYSTEM SHALL ONLY BE USED FOR WIDE MEDIANS SUCH THAT THE INSTALLED SYSTEM CAN BE PHYSICALLY LOCATED OUTSIDE THE CLEAR ZONE FOR THE OPPOSING TRAFFIC.
3. RAIL SECTIONS ARE TO BE LAPPED IN THE DIRECTION OF TRAFFIC FLOW.
4. TOP OF FOUNDATION TUBES SHALL BE SET BETWEEN 64 AND 76 ABOVE TOP OF PAVED SHOULDER EDGE AND SHALL NOT PROJECT MORE THAN 100 ABOVE THE FINISHED SIDE SLOPE GRADE AT POST.
5. FOR POSTS 1, 2 AND 4 THE FOLLOWING FOUNDATION TUBES MAY BE USED:
  - a. 1830 LONG SPLIT OR SOLID FOUNDATION TUBES WITHOUT SOIL BEARING PLATES.
  - b. 1524 LONG SOLID OR 1370 LONG SOLID FOUNDATION TUBES WITH SOIL BEARING PLATES.
6. FOR POSTS 3, 5, 6 AND 7, PLUG WELDED STEEL BREAKAWAY POSTS MAY BE USED IN LIEU OF TREATED TIMBER POSTS AS PER RSI GUIDELINES, PROVIDED THAT THE APPROPRIATE INSTALLATION HARDWARE IS USED TO MAINTAIN COMPLIANCE WITH TL-3.
7. TO ENSURE PROPER DELINEATION, REFLECTIVE SHEETING OBJECT MARKER ON THE FRONT FACE OF THE FLEAT MT HEAD SHALL BE PROVIDED AS PART OF THE INSTALLED SYSTEM.
8. POST 3 MARKS THE BEGINNING OF THE CALCULATED LENGTH OF NEED.
9. ALL FITTINGS AND HARDWARE SHALL BE GALVANIZED.
10. POSTS SHALL BE SET BY INSTRUMENT FOR ALIGNMENT AND GRADE.

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△	REFER TO MANUFACTURER NOTE ADDED	HC	11 MAR 2016
No.	REVISIONS	BY	DATE

Approved:  
Allan Kwan  
Executive Director,  
Technical Standards Branch

Date: NOVEMBER, 2007

**Alberta**  
INFRASTRUCTURE AND  
TRANSPORTATION

**W-BEAM STRONG POST  
TL-3 FLEAT MT  
ENERGY ABSORBING TERMINAL  
FOR MEDIAN APPLICATIONS**

Prepared By: MO	Checked By: WS	Scale: N.T.S.	Dwg No.: RDG-B1.6
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ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.