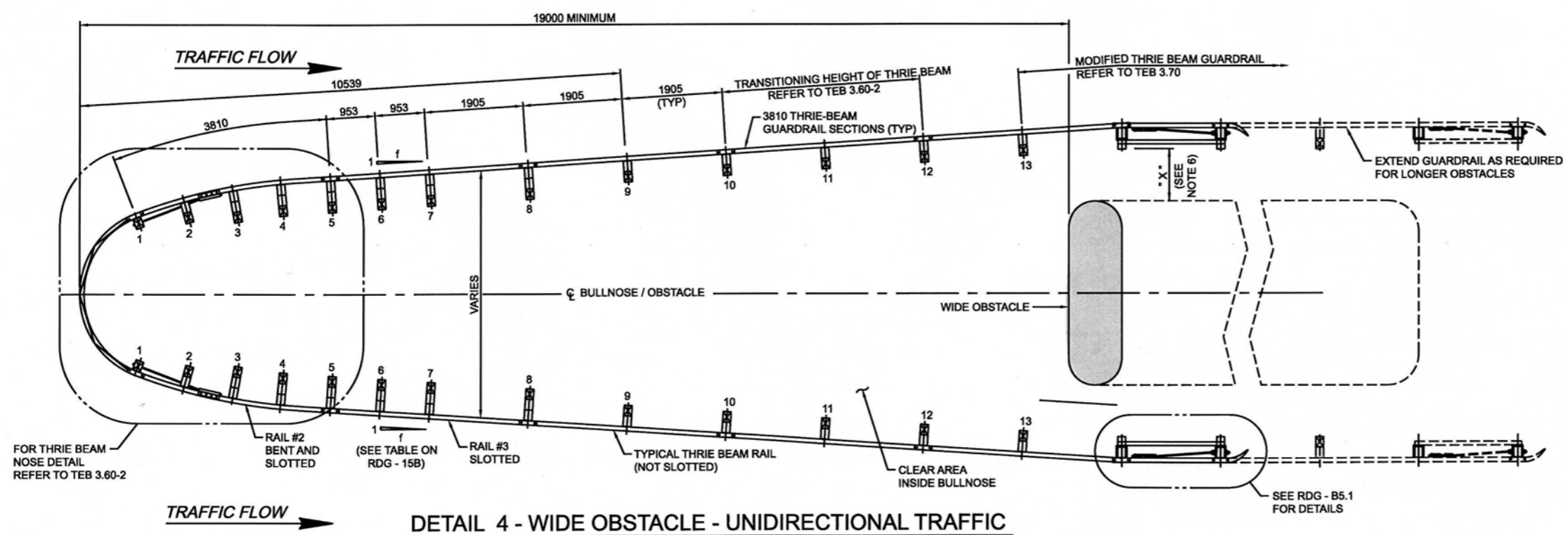


**DETAIL 3 - WIDE OBSTACLE AT EXIT RAMP**

**NOTES:**

1. LAP ALL JOINTS IN THE DIRECTION OF TRAFFIC FLOW.
2. HORIZONTAL DISTANCE BETWEEN CROSSWISE POSTS ARE MEASURED PERPENDICULAR FROM THE CENTRELINE OF BULLNOSE.
3. POSTS SHALL BE SET BY INSTRUMENT FOR ALIGNMENT AND GRADE.
4. THE ACCEPTABLE TOLERANCE FOR HEIGHT OF GUARDRAIL AT TIME OF CONSTRUCTION OR MAINTENANCE SHALL BE IN ACCORDANCE WITH THE MOST RECENT SPECIFICATIONS.
5. ALL FITTINGS AND HARDWARE SHALL BE GALVANIZED.
6. OFFSET DISTANCE "X" MEASURED FROM BACK FACE OF THRIE BEAM GUARDRAIL POST TO FACE OF OBSTACLE SHALL NOT BE LESS THAN 760 HOWEVER 1000 IS PREFERRED.
7. THIS GUARDRAIL SYSTEM SATISFIES THE REQUIREMENTS OF NCHRP REPORT 350 FOR TEST LEVEL 3 (TL-3) AND IS THEREFORE APPLICABLE FOR USE ON HIGH SPEED ROAD FACILITIES.
8. FLARE RATES SHOWN ARE RELATIVE TO OBSTACLE CENTRELINE WHICH IS ALIGNED PARALLEL TO MAINLINE TRAFFIC FLOW. FLARING OF GUARDRAIL BEGINS AT POST 5.



**DETAIL 4 - WIDE OBSTACLE - UNIDIRECTIONAL TRAFFIC**

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No.	REVISIONS	BY	DATE

Approved:  
  
 Executive Director,  
 Technical Standards Branch



Date: NOVEMBER, 2007

**THRIE BEAM BULLNOSE  
 GUARDRAIL  
 DETAILED PLANS**

Prepared By: MO	Checked By: WS	Scale: N.T.S.	Dwg No.: <b>RDG-B5.9</b>
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ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.