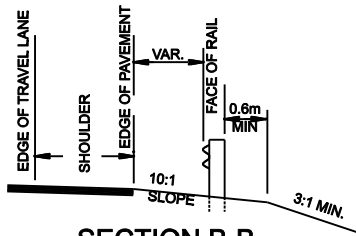
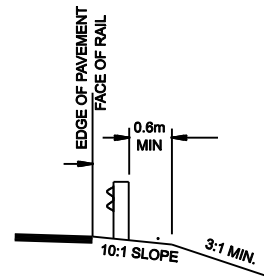


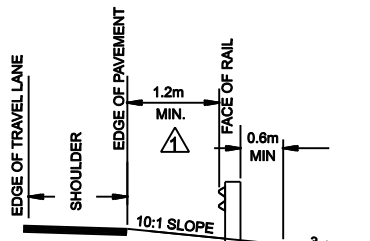
**DETAIL B**  
OFFSETS FOR CURVED PORTION OF GUARDRAIL



**SECTION B-B**  
NOT TO SCALE



**SECTION C-C**  
NOT TO SCALE



**SECTION A-A**  
NOT TO SCALE

1 SEPT. 2011. TURN DOWN ENDS WILL NO LONGER BE ACCEPTABLE FOR NEW INSTALLATIONS OR REPLACEMENT OF EXISTING ENDS. CRASH WORTHY END TREATMENTS SHALL BE USED.

20 NOV. 2012. WHERE EXISTING TURN DOWN END TREATMENTS NEED TO BE RE-BUILT AND/OR REPLACED DUE TO BEING HIT BY AN ERRANT VEHICLE, THE REPLACEMENT WITH A CRASHWORTHY END TREATMENT IS SUBJECT TO FUNDING AVAILABILITY.

|     |                        |      |           |
|-----|------------------------|------|-----------|
| △   | "LENGTH OF NEED" SHOWN | B.K. | 12 SEP 07 |
| △   | END TREATMENT NOTES    | B.K. | 12/01/05  |
| No. | REVISIONS              | BY   | DATE      |

|  |  |                                   |  |
|--|--|-----------------------------------|--|
| Approved:                                      |  |                                   |  |
| Original signed by Allan Kwan                  |  |                                   |  |
| Executive Director, Technical Standards Branch |  | INFRASTRUCTURE AND TRANSPORTATION |  |
| Date: JUNE 24, 2005                            |  |                                   |  |
| Date: JULY 12, 2005                            |  |                                   |  |

**TYPICAL W-BEAM WEAK POST GUARDRAIL PLACEMENT AT BRIDGE APPROACHES (TWO-LANE HIGHWAY)**

|                  |                 |               |                    |
|------------------|-----------------|---------------|--------------------|
| Prepared By: M.T | Checked By: B.K | Scale: N.T.S. | Dwg No.: TEB 3.16b |
|------------------|-----------------|---------------|--------------------|

END TREATMENT IS TO BE DETERMINED BY PROJECT MANAGER IN EACH GIVEN SITUATION

BARRIER MAY BE INSTALLED ON TANGENT OR WITH FLARING AT ONE OR BOTH ENDS. GUARDRAIL LENGTH MAY BE REDUCED BY FLARING. LENGTH IS TO BE DETERMINED BY PROTECTION ENVELOPE METHOD.

△ RUNOUT LENGTH IS TO BE MEASURED FROM BEGINNING OF HAZARD ON ROADSIDE.

all dimensions are in millimetres unless otherwise indicated.