



3	END TREATMENT NOTES, SECTIONS AND CLEAR ZONE	P.M.	02 JUL 13
2	"LENGTH OF NEED" SHOWN	B.K.	12 SEP 07
1	END TREATMENT NOTES	B.K.	12/01/05
No.	REVISIONS	BY	DATE

Approved:
Original signed by
Allan Kwan
Executive Director,
Technical Standards Branch
Date: JUNE 24, 2005

Date: JULY 12, 2005

TYPICAL STRONG POST W-BEAM OR MODIFIED THRIE BEAM GUARDRAIL PLACEMENT AT BRIDGE APPROACHES (TWO-LANE HIGHWAY)

Prepared By: M.T	Checked By: B.K	Scale: N.T.S.	Dwg No.: TEB 3.16a
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- NOTES 3
- REFER TO CRASH WORTHY END TREATMENT STANDARD DRAWINGS OR MANUFACTURER'S SPECIFICATIONS FOR DISTANCES
 - FLARE RATES SHALL BE AS PER STANDARD FOR DESIGN SPEED AND SYSTEM TYPE
 - OFFSET FROM BACK OF BARRIER TO FACE OF OBSTRUCTION SHALL BE AT LEAST THE DESIGN DEFLECTION OF THE BARRIER SYSTEM AS FOLLOWS:
HTCB VARIES UP TO 3.7m
STRONG POST W-BEAM 0.9m
STRONG POST (PLASTIC) 1.5m
MODIFIED THRIE BEAM 0.9m
 - END TREATMENT TO BE DETERMINED BY PROJECT MANAGER IN EACH GIVEN SITUATION
 - RUNOUT LENGTH IS TO BE MEASURED FROM BEGINNING OF HAZARD ON ROADSIDE
 - LENGTH OF GUARDRAIL TO BE DETERMINED BY PROTECTION ENVELOPE METHOD
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED