

- USED IN NORTHERN TERRITORY.
- LINK: https://dipl.nt.gov.au/industry/technical-standards-guidelines-andspecifications/road-safety-barriers
- SAFETY BARRIER AND TERMINAL INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S DRAWINGS AND SPECIFICATION.
- REFER TO PROJECT DRAWINGS FOR LENGTH, POSITION, OFFSET AND TERMINALS. MASH TESTED AND ACCEPTED TERMINALS ARE USED AT BOTH APPROACH AND DEPARTURE SIDES ON TWO-WAY ROADS. USE ONLY ON THE APPROACH SIDE ON ONE-WAY ROADS
- 12. THE MINIMUM INSTALLED LENGTH OF STEEL BEAM BARRIER SHALL INCLUDE: a. A MASH TESTED AND ACCEPTED TERMINAL AT BOTH ENDS FOR A TWO WAY CARRIAGEWAY, OR
 - b. A MASH TESTED AND ACCEPTED TERMINAL AT THE APPROACH END AND A GATING DEPARTURE TERMINAL ON A ONE WAY CARRIAGEWAY c.AND A MINIMUM LENGTH OF SAFETY BARRIER PER THE PRODUCT TECHNICAL CONDITIONS OF USE
- SAFETY BARRIER DELINEATORS SHALL BE PROVIDED WITH RED AND WHITE "CLASS 1A" RETROREFLECTIVE SHEETING OR AS DOUBLE SIDED REFLECTORS IN

- REMOVED AND RE-INSTALLED IN 450mm DIAMETRE HOLES AS PER THE DETAIL ON THIS SHEET.
- PREBORE 450mm DIAMETRE HOLES FOR POSTS THAT ARE TO BE INSTALLED THROUGH:
 - a. CONCRETE SLAB OR MARGIN
 - b. BOUND (STABILISED) PAVEMENT,
 - c. DEEP LIFT ASPHALT PAVEMENT
 - d. WHEN REPLACING DAMAGED POST OR
 - e. ENCOUNTER ANY OBSTACLE WITHIN THE UNDERLYING FILL

BACKFILL THE HOLES WITH SELECT FILL/TYPE 3 SUB-BASE MATERIAL AND COMPACT MAXIMUM LAYER DEPTH OF 250mm TO 95% MMDD. DRIVE POSTS CENTRALLY INTO COMPACTED HOLES. SEAL THE HOLES WITH COLD-MIX ASPHALT AS INDICATED ON THE DETAILS OR SEAL ONCE POSTS ARE DRIVEN

DESIRABLE OFFSET OF BARRIER FACE TO HINGE POINT IS 1.0m. ALTERNATIVES MAY BE PERMITTED. INCLUDING THE USE OF LONG POST BARRIERS

- LENGTH & POST SPACING WILL VARY DEPENDENT ON TESTED TERMINAL USED
- THE DESIGNED LENGTH OF SAFETY BARRIER SHALL ENSURE THAT THE TERMINALS ARE CLEAR OF THE HAZARD.

BARRIER TRANSITIONS:

27. FLEXIBLE TO RIGID BARRIER TRANSITIONS SHALL BE PROVIDED BY AN APPROVED TRANSITION SYSTEM LISTED UNDER 'BARRIER TRANSITIONS' ON THE DIPL WEBSITE AND INCLUDES APPROVED SAFETY BARRIER AS DEFINED IN THE BARRIER'S TECHNICAL CONDITIONS OF USE:

https://dipl.nt.gov.au/industry/technical-standards-guidelines-andspecifications/road-safety-barriers

BITUMEN WORKS:

- 28. THE WIDTH OF SEAL SHALL EXTEND BEHIND THE SAFETY BARRIER TO THE HINGE POINT OR 1m FROM THE BACK OF KERB, FOR THE FULL LENGTH AND ENCOMPASS THE TERMINALS
- 29. COLDMIX ASPHALT BUND IS NOT REQUIRED WHEN THE VERGE SLOPES TOWARD THE TRAFFIC LANES

7	MINOR CHANGES	JAN 2024	D.LLANO	DIPL					
6	BARRIER TRANSITION NOTES UPDATED	OCT 2023	J.COOK	DIPL					
5	BLOCK OUT UNIT DETAIL AMENDED	JUN 2020	S.SHI	EES/DIPL					
4	SET OUT DETAILS UPDATED	JAN 2020	S.SHI	EES/DIPL					
3	DETAILS AND NOTES UPDATED	DEC 2019	S.SHI	EES/DIPL					
2	NEW DETAILS ADDED FOR APPROACH TERMINAL	MAY 2019	S.JALIL	EES/DIPL					
No.	DESCRIPTION	DATE	NAME	DEPT/COMPANY					
	AMENDMENTS								

450 DIA.

PREBORED POST HOLE

NOT TO SCALE

(REFER NOTE 18)

TO NOTE 9

BACKFILL THE HOLE PRIOR-

TO DRIVING POSTS REFER

TO NOTE 18.

-SEAL TO BATTER

HINGE POINT

100mm HIGH ASPHALT

COLDMIX BUND REFER

TO NOTE 28

-50 THICK COLDMIX ASPHALT

POST TO SEAL OFF SURFACE

OR SPRAY SEAL AROUND

WARNING

BEWARE OF UNDERGROUND SERVICES. THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

J.LEESON	S.HATZI	
DATE JULY 2017	DATE JULY 2017	
DATE	CHECKED	Northern Terr Governm
DESIGN LEADER S.HATZI	DESIGN DIRECTOR S.JACKSON	

DATE 1/09/2017

DATE 1/09/2017

ritorv

STANDARD DRAWINGS SAFFTY BARRIERS

IENT STEEL BEAM GUARDRAIL WITH GATING TERMINALS.

••	OTELE BEX III GOVER BLOWN OF THE VITTE OF TH									
	FILE No.	ASSET No.	SHEET No.			DRAWING No.	AMEND.	SHEET SIZE		
	-	-	1	OF	1	CS3200	7	Ä1		