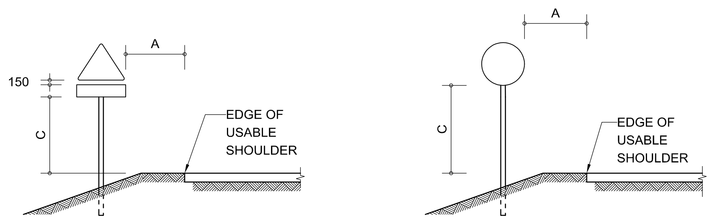
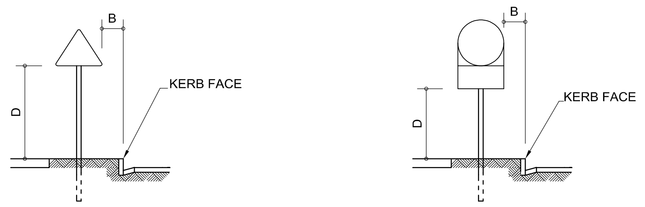
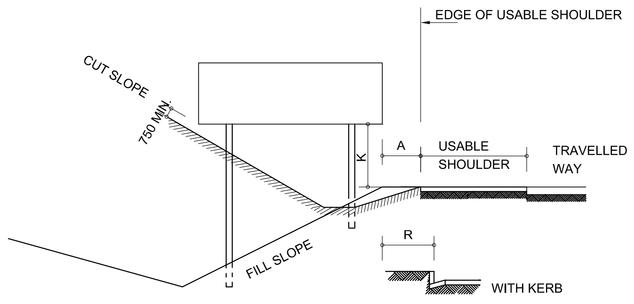


SHOULDER (NO KERB)

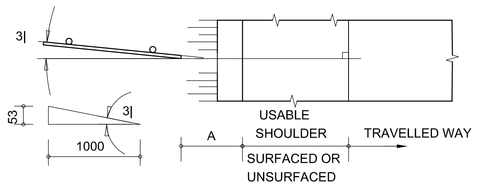


WITH KERB AND SIDEWALK

REGULATORY AND WARNING SIGNS

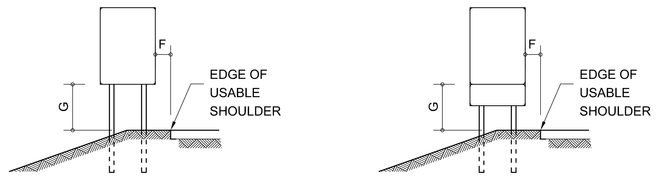


LARGER GUIDANCE SIGNS

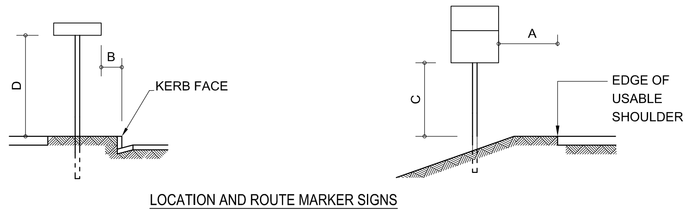


SETTING OUT PLAN

TYPICAL DIRECTION SIGN



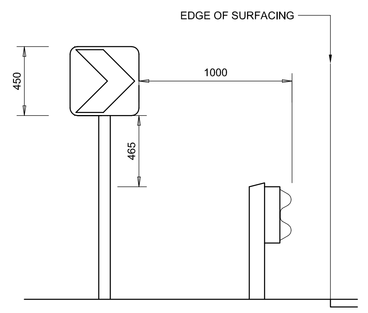
DIAGRAMMATIC SIGN



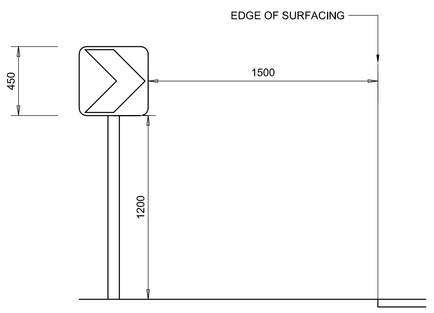
LOCATION AND ROUTE MARKER SIGNS

SMALL TO MEDIUM SIZED GUIDANCE AND INFORMATION SIGNS

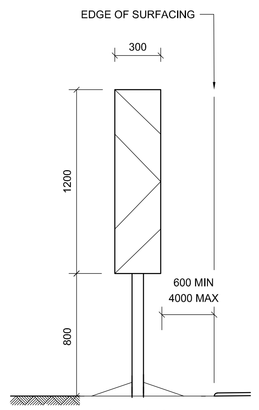
TABLE 1			
PERMANENT SIGN PLACEMENT DIMENSIONS			
POSITIONING VERTICAL	POSITIONING LATERAL	PREFERRED (mm)	RANGE (mm)
	A	1500	1200-2000
	B	750	500-
C		2100	600-2500
D		2500	2100-3000
E		0	0-200
	F	1200	600-2000
G		1200	800-1600
K		2000	1600-2400
	R	1500	600-



WITH GUARDRAIL
SCALE 1:20

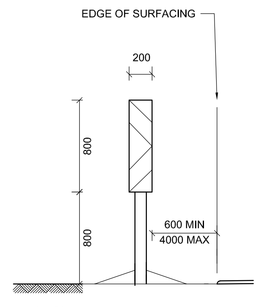


WITHOUT GUARDRAIL
SCALE 1:20



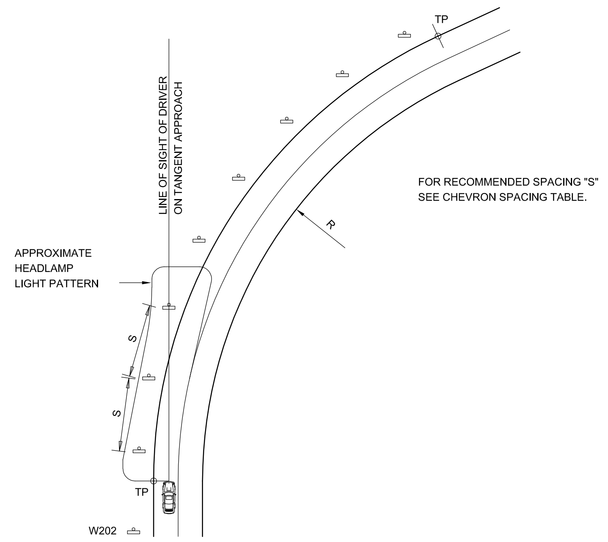
FOR BRIDGE COLUMNS

W401-/W402
SCALE 1:20



MIN SIZE:
0 - 80 km/h: 600x150mm
81 - 120km/h: 800x200mm

W401-/W402
SCALE 1:20



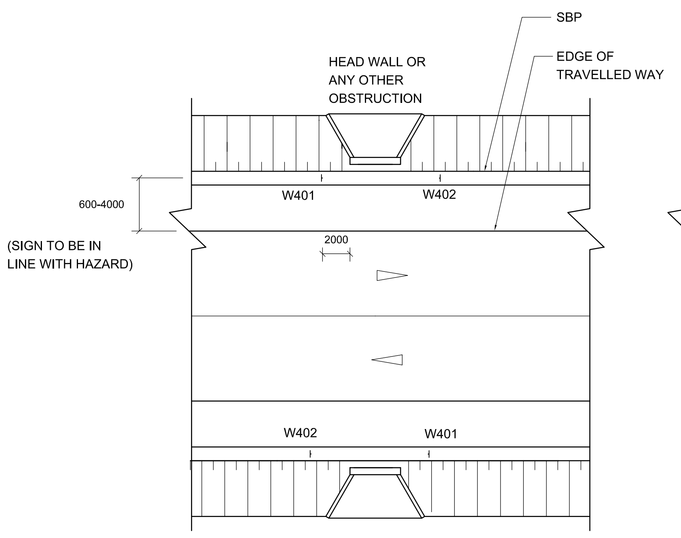
TYPICAL LONGITUDINAL PLACING OF CHEVRONS
N.T.S.

CHEVRON SPACING	
CURVE RADIUS (m)	SINGLE MODULE SPACING "S" (m)
60	8 - 15
150	15 - 25
300	25
600	25

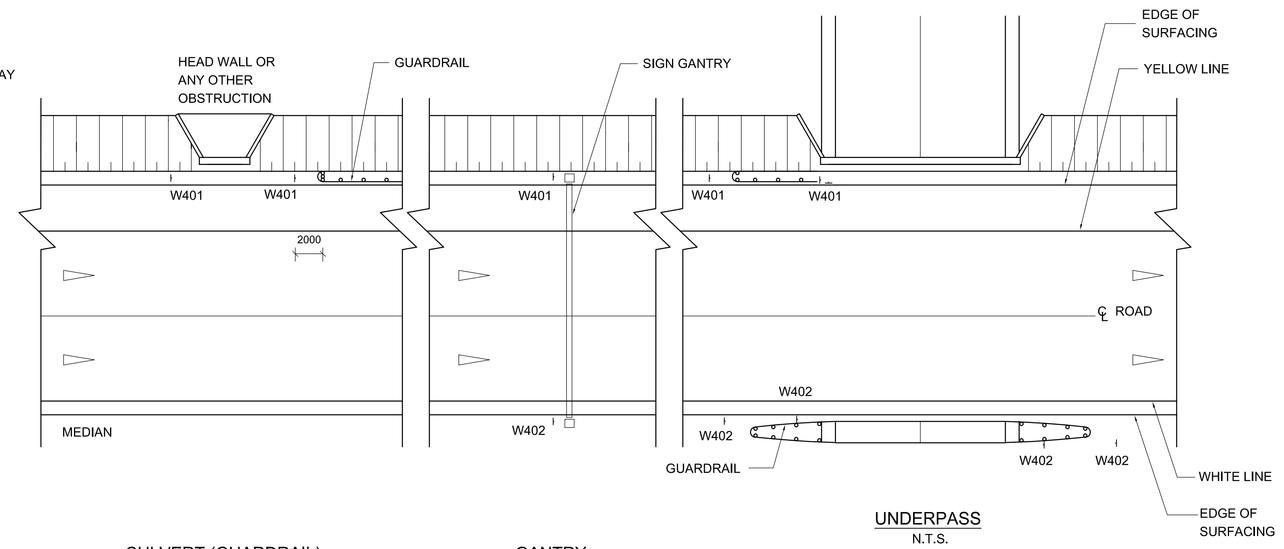
NOTES:

1. A MINIMUM OF 5 CHEVRON ARROWS PER DIRECTION ARE NORMALY REQUIRED
2. AT LEAST 3 CHEVRON ARROWS SHOULD BE VISIBLE AT ANY ONE TIME
3. WHERE RADII ARE LESS THAN ABOUT 30m A MULTIPLE CHEVRON SIGN CONSISTING OF AT LEAST 3 MODULES SHOULD BE USED
4. WHERE CHEVRON ARROWS FOR RIGHT AND LEFT HAND CURVES OVERLAP:
   (a) SPACING SHOULD REMAIN AS SHOWN IN THE TABLE AS FAR AS POSSIBLE
   (b) WHERE THE DISTANCE BETWEEN LEFT AND RIGHT HAND CURVE CHEVRON ARROWS IS LESS THAN 2,0m PLACE BOTH CHEVRON ON A SINGLE POST BACK TO BACK

HAZARD PLATE SIGNS



CULVERT (NO GUARDRAIL)
N.T.S.



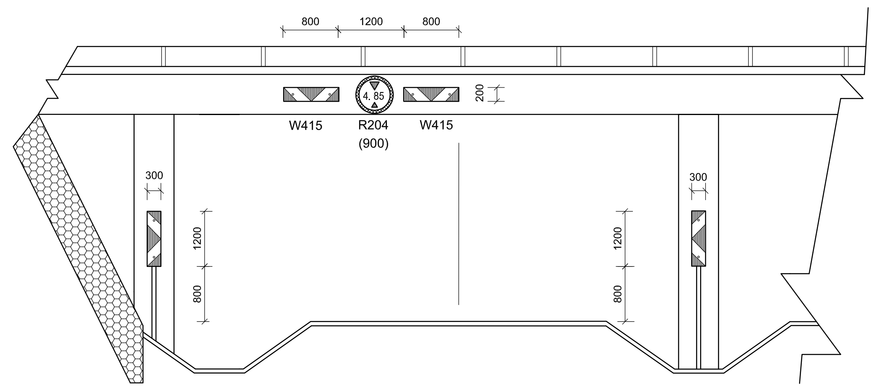
CULVERT (GUARDRAIL)
N.T.S.

GANTRY
N.T.S.

UNDERPASS
N.T.S.

LOCATION DETAILS (SINGLE CARRIAGEWAY)

LOCATION DETAILS (DUAL CARRIAGEWAY)



USE AT BRIDGES
N.T.S.

No.	DATE	REVISION	CONSULT. ENG.
V1	21/06/2023	ORIGINAL VERSION	-

CONSTRUCTION RECORD (AS-BUILT)
WORKS CONTRACT ENGINEER
Name :
Prof. Reg., No. :
Date :
SANRAL PROJECT MANAGER
Name :
Date :

DESIGNED BY
NAME -
Prof. Reg. No. -
CHECKED BY
NAME -
Prof. Reg. No. -
DRAWN BY
NAME -

CONSULTANT APPROVAL
Name : -
Prof. Reg. No. : -
Date : -

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PO Box 415
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SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg No. 1998/030864/30
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

NORTHERN REGION
38 Ida Street
Menlo Park
Pretoria
0081

Private Bag X17
Lynnwood Ridge
0040

Tel: (012) 426 6200

ACCEPTANCE

THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING

for the SA NATIONAL ROADS AGENCY SOC LTD.
Date:

PROJECT DESCRIPTION

MSBBR : R531 SECTION 2 - EMERGENCY REPAIR OF DAMAGED STEEL RIBBED PIPE CULVERT AT km 6.9 AND SINKHOLE AT km 11.4

DRAWING DESCRIPTION

TYPICAL DETAILS FOR THE POSITIONING OF GROUND MOUNTED SIGNS

SCALE : AS SHOWN (A0 SHEET) SHEET 1 OF 1

PROJECT NUMBER	R.531-020-2023/1	
DRAWING LOCATION DATA	START	END
ROUTE	R531	R531
SECTION	2	2
DRAWING km DISTANCE	km 6.90	km 11.40
DRAWING TYPE	ROADS - ANCILLARY	
BRIDGE/STRUCTURE No.	-	
CONSULTANT DRAWING No.	TP1916.32-F04	VER V1
SANRAL DOCUMENT #	-	

DRAWING TP1916.32-F04