

DIRECTION	KM FROM	KM TO	LENGTH (m)	EXISTING	REQUIRED ACTION
NB	90.150	90.690	510	Fig. 2 Kerb and Channel	Remove and replace 300mm channel only
NB	90.675	90.695	20	Fig. 2 Kerb and Channel	Remove and replace 300mm channel only
SB	90.150	90.700	550	Fig. 2 Kerb and Channel	Remove and replace 300mm channel only

NRB BEACON COORDINATE LIST			
POINTS	Y	X	Z
NRB 167	+99475.257	+2474278.349	534.289
NRB 200	+99563.645	+2473812.254	538.834

HORIZONTAL ALIGNMENT			
POINTS	Y	X	RADIUS
BC1	+99879.089	+2474954.533	
P11	+99392.587	+2474683.240	R=758
EC1	+99506.705	+2474137.791	90.169 156
BC2	+99606.321	+2473661.659	90.655 598
P12	+99613.648	+2473626.636	R=395
EC2	+99614.563	+2473590.866	90.726 964

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

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Prof. Reg. No.	970000
CHECKED BY	
DRAWN BY	
NAME	J.A. van den BERG
Prof. Reg. No.	20160055

CONSULTANT APPROVAL	
Name	
Prof. Reg. No.	
Date	

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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.

PROJECT DESCRIPTION	
THE RESURFACING OF NATIONAL ROUTE N001, SECTION 29 BETWEEN MUSINA SOUTH AND MUSINA NORTH	
DRAWING DESCRIPTION	
LAYOUT PLAN: km 89,650 to km 90,700	

PROJECT NUMBER		NRA N.001-290-2004/1	
DRAWING LOCATION DATA		START	END
ROUTE		N1	N1
SECTION		29	29
DRAWING km DISTANCE		89,650	90,700
DRAWING TYPE		ROADS - LAYOUTS	
BRIDGE/STRUCTURE No.			
CONSULTANT DRAWING No.		KBK/2312/04/001	
		VER	

DRAWING No. KBK/2312/04/001

NRB BEACON COORDINATE LIST			
POINTS	Y	X	Z
NRB 167	+99475,257	+2474278,349	534.289
NRB 200	+99563,645	+2473812,254	538.834

HORIZONTAL ALIGNMENT				
POINTS	Y	X	CHAIN	RADIUS
BC1	+99879.089	+2474954.833	-	
P11	+99392.587	+2474683.240		R=758
EC1	+99506.705	+2474137.791	90.169 156	
BC2	+99606.321	+2473661.659	90.655 598	
P12	+99613.648	+2473626.636		R=395
EC2	+99614.563	+2473590.866	90.726 964	

					CONSTRUCTION RECORD (AS-BUILT)
					<u>WORKS CONTRACT ENGINEER</u>
					Name : _____
					Prof. Reg. No. : _____
					Date : _____
					<u>SANRAL PROJECT MANAGER</u>
V1	30/09/2021	ORIGINAL VERSION		M. P. BOONSTRA	Name : _____
No.	DATE	REVISION		CONSULT. ENG.	Date : _____



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THROUGH BETTER ROADS**

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for the SA NATIONAL ROADS AGENCY SOC LTD

PROJECT DESCRIPTION

DRAWING DESCRIPTION

LAYOUT PLAN:
km 89,650 to km 90,700

PROJECT NUMBER		NRA N.001-290-2004/1	
DRAWING LOCATION DATA		START	END
ROUTE		N1	N1
SECTION		29	29
DRAWING km DISTANCE		89,650	90,700
DRAWING TYPE			
ROADS - LAYOUTS			
BRIDGE/STRUCTURE No.			
CONSULTANT DRAWING No.		KBK/2312/04/001	VER V1
SANRAL DOCUMENT #		-	

FOR TENDER PURPOSES ONLY