



- CONSTRUCTION SEQUENCE NOTES**
- ALL DIMENSIONS, LEVELS AND COORDINATES ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
- THE EMERGENCY REPAIR OF BRIDGE B3297 CONSISTS OF THE FOLLOWING:
1. CONDUCT BRIDGE STRUCTURAL AND BRIDGE SITE SURVEY IN ACCORDANCE WITH TMH 11.
 2. ACCOMMODATE TRAFFIC IN HALF WIDTHS. (TO WORK ON NORTHERN SIDE)
 3. REMOVE EXISTING STEEL BRIDGE RAILINGS.
 4. REMOVE BRIDGE DECK SURFACING.
 5. DEMOLISH EXISTING SIDE WALK.
 6. CUT SLOTS FOR ADDITIONAL DECK REINFORCEMENT.
 7. INSTALL ADDITIONAL REINFORCEMENT IN SLOTS USING AN APPROVED EPOXY GROUT.
 8. DRILL AND GROUT ANCHORS FOR PARAPET.
 9. CONSTRUCT SUPPORT WALL AND NEW F-SHAPE REINFORCED CONCRETE PARAPETS.
 10. CONSTRUCT ENDBLOCK FOUNDATIONS.
 11. CONSTRUCT ENDBLOCKS WITH IMPRINTED BRIDGE NUMBERS.
 12. DISMANTLE AND RECONSTRUCT GUARDRAIL AT HIGHER LEVEL.
 13. CONSTRUCT NEW DRAINAGE DOWN CHUTES.
 14. CHANGE ACCOMMODATIONS OF TRAFFIC AND REPEAT FOR SOUTHERN SIDE.
 15. RE-SURFACE BRIDGE DECK.
 16. INSTALL BRIDGE EXPANSION JOINTS (CLAW TYPE) IN HALF WIDTHS (SEAL TO BE CONTINUOUS ACROSS FULL JOINT).

No.	DATE	REVISION	CONSULT. ENG.
V2	12/11/2020	SCANNED ORIGINAL WITH SIGNATURE	KG MALCOMSON
V1		ORIGINAL VERSION	KG MALCOMSON

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

MSBBR: REPAIRS TO BRIDGE PARAPETS: R40 NELSPRUIT B0064 AND R33 PIETER RETIEF B3297

EMERGENCY REPAIR FOR BRIDGE B3297 ON R033/06N AT km 27.5

PARAPET LAYOUT

SCALE: AS SHOWN

SHEET 01 OF 10

PROJECT NUMBER	NRA X.002-063-2018/01-C05	
DRAWING LOCATION DATA	START	END
ROUTE	R033	R033
SECTION	06N	06N
DRAWING km DISTANCE	27.5	27.5
DRAWING TYPE	STRUCTURES-BRIDGES	
BRIDGE/STRUCTURE No.	B3297	
CONSULTANT DRAWING No.	TP1916-2/B3297/01	VER
SANRAL DOCUMENT #	18972146	V2

DRAWING No.: TP1916-2/B3297/01