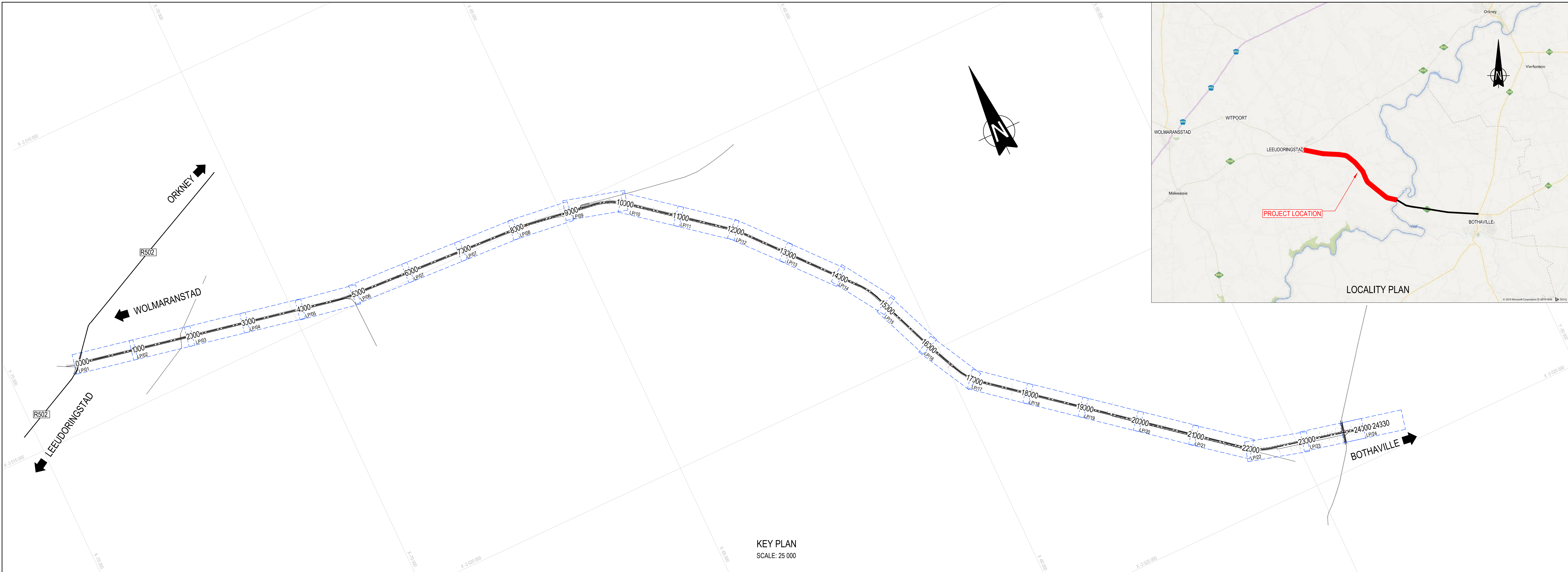




KEY PLAN
SCALE: 25 000

LIST OF DRAWINGS

DWG NO.	DESCRIPTION
GENERAL	
20215-KP-01	KEY PLAN AND LIST OF DRAWINGS KM 0.000 TO 24.100
ROAD TYPICAL CROSS SECTIONS	
20215-CS-01	TYPICAL CROSS SECTIONS
ROAD LAYOUT PLANS	
20215-LP-01	PAVEMENT STRENGTHENING LAYOUT KM 0.000 TO KM 4.000
20215-LP-02	PAVEMENT STRENGTHENING LAYOUT KM 4.000 TO KM 8.000
20215-LP-03	PAVEMENT STRENGTHENING LAYOUT KM 8.000 TO KM 12.000
20215-LP-04	PAVEMENT STRENGTHENING LAYOUT KM 12.000 TO KM 16.000
20215-LP-05	PAVEMENT STRENGTHENING LAYOUT KM 16.000 TO KM 20.000
20215-LP-06	PAVEMENT STRENGTHENING LAYOUT KM 20.000 TO KM 24.100
ROAD SIGNS AND MARKING PLANS	
20215-RM-01	ROAD SIGNS AND MARKING PLANS KM 0.000 TO KM 4.000
20215-RM-02	ROAD SIGNS AND MARKING PLANS KM 4.000 TO KM 8.000
20215-RM-03	ROAD SIGNS AND MARKING PLANS KM 8.000 TO KM 12.000
20215-RM-04	ROAD SIGNS AND MARKING PLANS KM 12.000 TO KM 16.000
20215-RM-05	ROAD SIGNS AND MARKING PLANS KM 16.000 TO KM 20.000
20215-RM-06	ROAD SIGNS AND MARKING PLANS KM 20.000 TO KM 24.100
STRUCTURAL DRAWINGS	
20215-B20-01	BRIDGE DEFECT DRAWING
20215-B20-02	EMBANKMENT PROTECTION DETAILS
20215-B1874-01	BRIDGE DEFECT DRAWING
20215-C0677-01	CULVERT DEFECT DRAWING
STANDARD DRAWINGS	
20215-SD-01	ROAD SIGNS - INFORMATION BOARD DETAILS DETAILS SHEET 1 OF 1
20215-SD-02	HOUSING FOR LABOURERS, SITE LABORATORY, SITE OFFICE AND ABLUTION UNITS
20215-SD-03	ROAD MARKINGS - RURAL LONGITUDINAL LINE TYPES
20215-SD-04	ROAD MARKINGS - RURAL LONGITUDINAL LINE COMBINATIONS
20215-SD-05	ROAD MARKINGS - MANDATORY DIRECTION ARROWS
20215-SD-06	ROAD MARKINGS - LANE REDUCTION ARROWS
20215-SD-07	ROAD MARKINGS - BIFURCATION ARROWS
20215-SD-08	ROAD MARKINGS - BARRIER LINE AHEAD ARROWS
20215-SD-09	ROAD MARKINGS - ROADSTUDS - COLOUR CODE - BASIC EXAMPLES
20215-SD-10	GUARDRAILS - GUARDRAIL ELEMENT AND MOUNTING DETAILS SHEET 1 OF 2
20215-SD-11	GUARDRAILS - GUARDRAIL ELEMENT AND MOUNTING DETAILS SHEET 2 OF 2
20215-SD-12	GUARDRAILS - DETAIL OF TERMINAL SECTIONS SHEET 1 OF 2
20215-SD-13	GUARDRAILS - DETAIL OF TERMINAL SECTIONS SHEET 2 OF 2
20215-SD-14	GUARDRAILS - PLACING DETAIL AT BRIDGE APPROACHES AND HIGH FILL (SINGLE CARRIAGEWAY)
20215-SD-15	ROAD SIGNS - SUPPORTS AND FOUNDATIONS - DETERMINATION SHEET 1 OF 2
20215-SD-16	ROAD SIGNS - SUPPORTS AND FOUNDATIONS - DETERMINATION SHEET 2 OF 2
20215-SD-17	ROAD SIGNS - DETAIL OF ROAD SIGN - SIGN FACE SHEET 1 OF 2
20215-SD-18	ROAD SIGNS - DETAIL OF ROAD SIGN - PROFILE AND JOINT SHEET 2 OF 2
20215-SD-19	ROAD SIGNS - SMALLER ROAD SIGNS - DETAIL
20215-SD-20	ROAD SIGNS - REFERENCE MARKER BOARD SHEET 1 OF 2
20215-SD-21	ROAD SIGNS - REFERENCE MARKER BOARD SHEET 2 OF 2
20215-SD-22	ROAD RESERVE FINISHING SHEET 1 OF 1
20215-SD-23	STRUCTURE NUMBER PLATE DETAILS
20215-SD-24	ASPHALTIC PLUS JOINT DETAILS
20215-SD-25	GUARD RAIL DETAILS
20215-SD-26	GUARD RAIL AND SCUPPER PIPE DETAILS
20215-SD-27	CONCRETE PARAPET DETAILS
20215-SD-28	EROSION CONTROL (STONE PITCHING AND GABIONS)
20215-SD-29	EROSION CONTROL (ARMORLIX TYPICAL DETAILS)
20215-SD-30	SUBSURFACE DRAINAGE SHEET 1 OF 3
20215-SD-31	SUBSURFACE DRAINAGE SHEET 2 OF 3
20215-SD-32	SUBSURFACE DRAINAGE SHEET 3 OF 3
20215-SD-33	TYPICAL CROSS SECTIONS ACCOMMODATION OF TRAFFIC
20215-SD-34	SINGLE CARRIAGEWAY ROAD - (COUNTERFLOW TRAFFIC & STOP-GO CONTROL)
20215-SD-35	BRIDGE WIDENINGS (COUNTERFLOW TRAFFIC & STOP-GO CONTROL)
20215-SD-36	LAYOUT AT DEVIATION
20215-SD-37	ROAD SIGN INFORMATION BOARD DETAILS

CONSTRUCTION RECORD WORKS CONTRACT ENGINEER		DESIGNED BY		CONSULTANT APPROVAL		HEAD OFFICE		NORTHERN REGION		ACCEPTANCE		PROJECT DESCRIPTION		PROJECT NUMBER		R.504-040-2018/1F	
Name : S NAICKER Prof. Reg. No. : 20040015 Date : 13 DECEMBER 2019		NAME : F LÉ ROUX Prof. Reg. No. : CHECKED BY : NAME : S VAN HUYSSTEEN Prof. Reg. No. : 20040015 DRAWN BY : NAME : O MAFARO		Name : S NAICKER Prof. Reg. No. : 20040015 Date : 13 DECEMBER 2019		48 Tambotie Avenue Val de Grace Pretoria 0184 PO Box 415 Pretoria 0001 South Africa Tel: (012) 844 8000		38 Ida Street Menlo Park Pretoria 0081 Private Bag X17 Lynnwood Ridge 0040 Tel: (012) 426 6200		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 CEO: SA NATIONAL ROADS AGENCY SOC LTD. Date:		THE REHABILITATION AND STRENGTHENING OF NATIONAL ROAD R504 SECTION 4 FROM LEEUDORINGSTAD (KM 0,0) TO NW/FS BORDER (KM 24,1)		DRAWING LOCATION DATA ROUTE : R504 SECTION : 04 DRAWING km DISTANCE : 0.0 DRAWING TYPE : ROADS - LAYOUTS BRIDGE/STRUCTURE No. : CONSULTANT DRAWING No. : FA SANRAL DOCUMENT #		START : R504 END : R504 04 24.1 ROADS - LAYOUTS 20215/KP / 01 VER 01	
V1 MAY 2022 ISSUED FOR TENDER PURPOSES ONLY		S VAN HUYSSTEEN CONSULT. ENG.										DRAWING NAME KEY PLAN AND LIST OF DRAWINGS		SCALE :		SHEET 01 OF 01	

THE MASTER HELD AT NYELETI PRETORIA OFFICE
BEARS THE ORIGINAL SIGNATURE OF APPROVAL