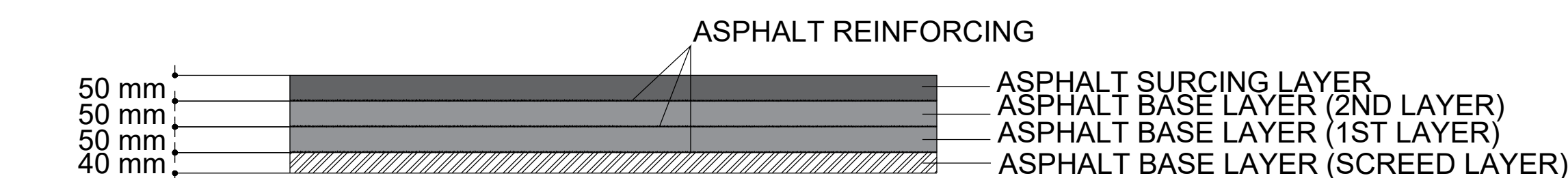
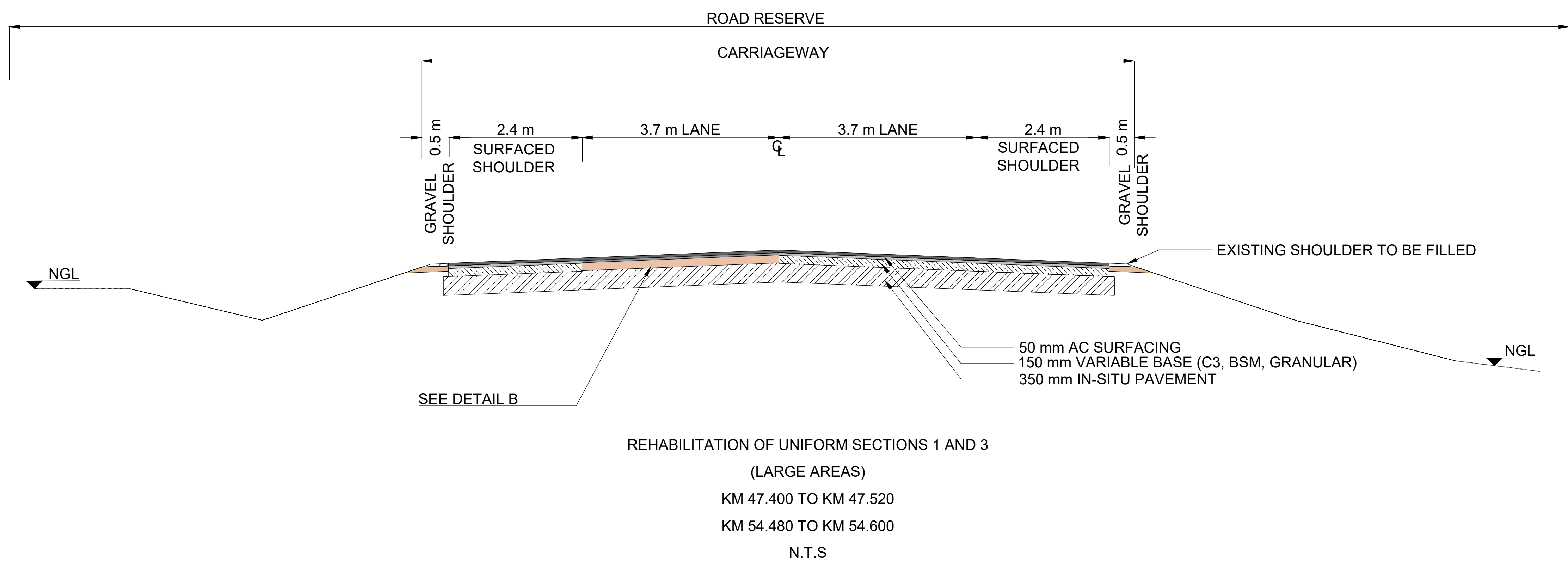


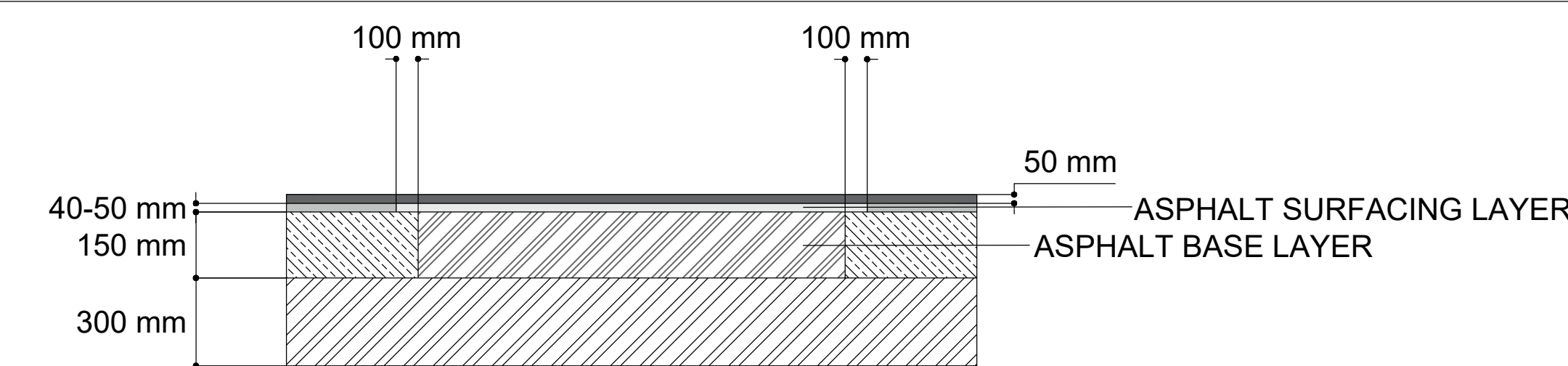
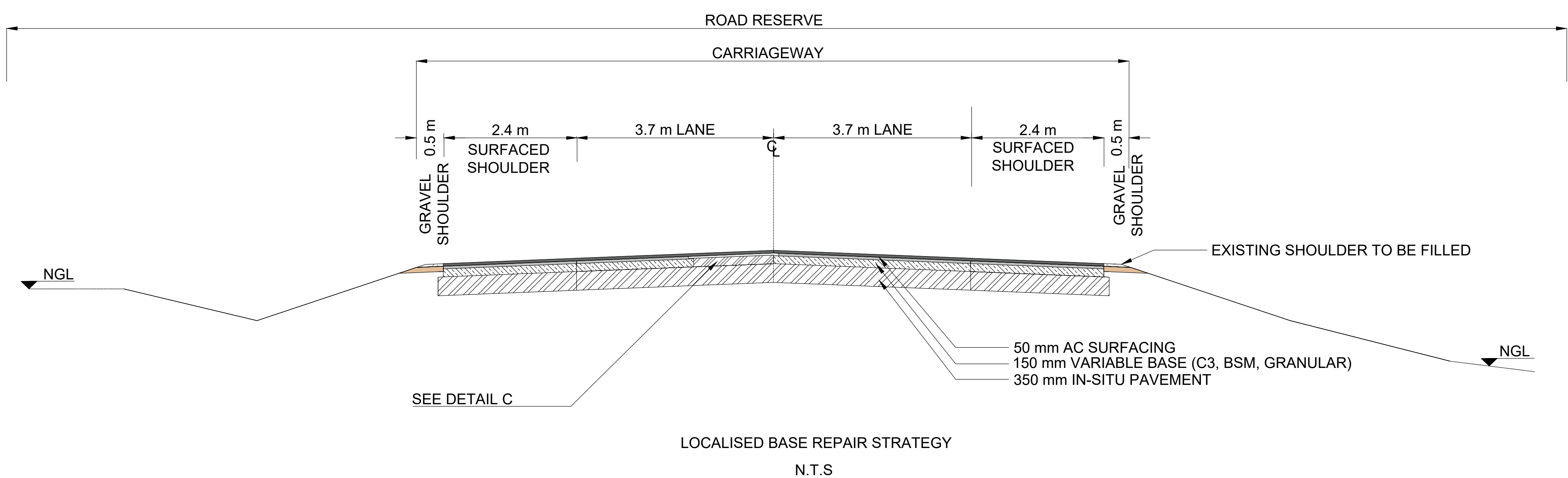
DETAIL A

- NOTES:
1. PREPARATORY WORK
 2. PLANNING 0-25 mm (MAX)
 - 2.1. PATCHING 50mm THICK
 - 2.2. FOGSPRAY
 3. MILL AND REMOVE 20 mm OF EXISTING MATERIAL.
 4. MATERIAL TO BE STOCKPILED OR USED TO FILL IN THE GRAVEL SHOULDERS.
 5. REHABILITATE UNIFORM SECTION 2 WITH THE FOLLOWING PAVEMENT LAYERS:
 - 5.1. CONSTRUCT AN ASPHALT LAYER (LEVELING-SCREED LAYER 50-70mm).
 - 5.2. APPLY A LAYER OF ASPHALT REINFORCING (TYPE 2).
 - 5.3. APPLY A BOND COAT TO THE ASPHALT LEVELING-SCREED LAYER.
 - 5.4. CONSTRUCT A 50 mm ASPHALT LAYER.
 - 5.2. APPLY A LAYER OF ASPHALT REINFORCING (TYPE 2).
 - 5.3. APPLY A BOND COAT TO THE ASPHALT BASE LAYER.
 - 5.4. CONSTRUCT A 50 mm ASPHALT LAYER.
 - 5.2. APPLY A LAYER OF ASPHALT REINFORCING (TYPE 2).
 - 5.3. APPLY A BOND COAT TO THE ASPHALT BASE LAYER.
 - 5.4. CONSTRUCT A 50 mm ASPHALT SURFACING LAYER WITH ROLLED IN CHIPPINGS.
 6. INERTIAL PROFILOMETER TEST SHALL BE UNDERTAKEN BEFORE PLANNING OPERATIONS START AND AT INTERVALS AS DIRECTED BY THE ENGINEER.



DETAIL B

- NOTES:
1. PREPARATORY WORK
 2. PLANING 0-25 mm
 - 2.1. PATCHING
 - 2.2. FOG-SPRAY
 3. MILL AND REMOVE 150 mm OF EXISTING MATERIAL OR TO TOP OF EXISTING SUBBASE.
 4. MATERIAL TO BE SPOILED OR USED IN GRAVEL SHOULDERS.
 5. REHABILITATE WITH THE FOLLOWING PAVEMENT LAYERS:
 - 5.1. EXPOSED BASE MATERIAL TO REMAIN UNDISTURBED.
 - 5.2. APPLY A BOND COAT TO THE EXISTING BASE MATERIAL AND TO THE SIDES AND EDGES OF THE EXISTING SURFACING BEFORE FILLING THE SURFACE PATCH.
 - 5.3. BACKFILLING SHALL BE UNDERTAKEN IN MULTIPLE LAYERS OF ASPHALT TO THE TOP OF THE EXISTING SURFACING WITH A BOND COAT AND BETWEEN EACH LIFT, AND WITH ASPHALT REINFORCING BETWEEN LIFTS AS DIRECTED BY THE ENGINEER.
 6. CONSTRUCT A 50 mm ASPHALT SURFACING LAYER WITH ROLLED IN CHIPPINGS.INERTIAL
 7. PROFILOMETER TEST SHALL BE UNDERTAKEN BEFORE PLANNING OPERATIONS START AND AT INTERVALS AS DIRECTED BY THE ENGINEER.



DETAIL C

- NOTES:
1. PREPARATORY WORK
 2. PLANING 0-25 mm
 - 2.1. PATCHING
 - 2.2. FOG-SPRAY
 3. MILL AND REMOVE 150 mm OF EXISTING MATERIAL OR TO TOP OF EXISTING SUBBASE.
 4. MATERIAL TO BE SPOILED OR USED IN GRAVEL SHOULDERS.
 5. REHABILITATE WITH THE FOLLOWING PAVEMENT LAYERS:
 - 5.1. EXPOSED BASE MATERIAL TO REMAIN UNDISTURBED.
 - 5.2. APPLY A BOND COAT TO THE EXISTING BASE MATERIAL AND TO THE SIDES AND EDGES OF THE EXISTING SURFACING BEFORE FILLING THE SURFACE PATCH.
 - 5.3. BACKFILLING SHALL BE UNDERTAKEN IN MULTIPLE LAYERS OF ASPHALT TO THE TOP OF THE EXISTING SURFACING WITH A BOND COAT AND BETWEEN EACH LIFT, AND WITH ASPHALT REINFORCING BETWEEN LIFTS AS DIRECTED BY THE ENGINEER.
 6. CONSTRUCT A 50 mm ASPHALT SURFACING LAYER WITH ROLLED IN CHIPPINGS.INERTIAL
 7. PROFILOMETER TEST SHALL BE UNDERTAKEN BEFORE PLANNING OPERATIONS START AND AT INTERVALS AS DIRECTED BY THE ENGINEER.
 8. SHOULD THE USE OF A-E2 BIINDER BECOME IMPRACTICAL, THE USE OF AN ALTERNATIVE BINDER (50/70 PEN) MAY BE UTILISED UPON THE WRITTEN APPROVAL BY THE ENGINEER.

FOR TENDER
(FOR TENDER PURPOSES ONLY)

			CONSTRUCTION RECORD (AS-BUILT)				DESIGNED BY		CONSULTANT APPROVAL		HEAD OFFICE		EASTERN REGION		ACCEPTANCE		PROJECT DESCRIPTION		PROJECT NUMBER		N.002-300-2020/1	
			WORKS CONTRACT ENGINEER				NAME		NAME		48 Tambotie Avenue		58 Van Eck Place		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		THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (km47.0) TO HLUHLWE INTERCHANGE (km 55.0)		DRAWING LOCATION DATA		START	
			Name				Prof. Reg. No.		Prof. Reg. No.		Pretoria		Pietermaritzburg				ROUTE		N.002		N.002	
			Date						Date		0184		3201				SECTION		SECTION 30		SECTION 30	
			SANRAL PROJECT MANAGER				CHECKED BY				PO Box 415		PO Box 100410				DRAWING km DISTANCE		km 47.0		km 55.0	
			Name				NAME				Pretoria 0001		Scottsville				DRAWING TYPE		ROADWORKS; PAVEMENT REPAIR			
			Date				Prof. Reg. No.		Prof. Reg. No.		South Africa		3209				BRIDGE/STRUCTURE No.		N/A			
							DRAWN BY				Tel: (012) 844 8000		Tel: (033) 392 8100				CONSULTANT DRAWING No.		TP2113-T-010		VER	
No. DATE REVISION CONSULT. ENG.																	SCALE : N.T.S.		SHEET 1 OF 3		SANRAL DOCUMENT #	