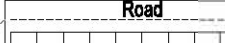
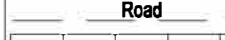
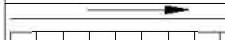
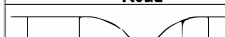
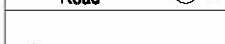
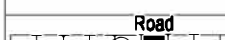
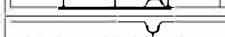
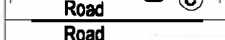
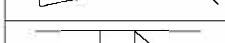


SYMBOL	DESCRIPTION	S.D DWG. No.
	ROAD KERBS & CHANNEL	SD 0701A
	CONCRETE SIDE DRAIN IN CUT SD 06014	SD 0601B
	CONCRETE PAVED FOOTWAY	SD 02001
	GATO-WATER BANK OR DRAINAGE BERM	SD 0605A
	KERBS AND CHANNEL TRANSITION TO SIDE DRAIN SD 0603G MODIFIED	SD 0603A
	END OF SIDE DRAIN (CUT DRAIN)	SD 06031 SD 06032
	PIPE OULET WITH HEADWALLS INTERNAL DRAINAGE PIPE AND DIRECTION OF FLOW INDICATED	SD 0405A SD 0406A
	DROP INLET IN CUT	SD 0606B
	DROP INLET ON FILL	SD 0706A
	DOWN PIPE ON FILL - INTERNAL DA & DIRECTION	SD 0702A
	DOWN PIPE AND SIDE DRAIN INLET IN CUT	SD 0605A
	SIDE DRAIN OUTLET FOR FILL SLOPES 1- SD 06031 2- SD 06032	SD 0603A (MODIFIED)
	SIDE INLET DETAIL AT FOOTWALK	SD 0703A

NOTATION	
BCC	BEGINNING OF CIRCULAR CURVE
ECC	END OF CIRCULAR CURVE
PI	POINT OF INTERSECTION
R	RADIUS OF CIRCULAR CURVE
A	DEFLECTION ANGLE OF CIRCULAR CURVE
LC	LENGTH OF CURVE
T	LENGTH OF CURVE TANGENT
LP	LOW POINT
HP	HIGH POINT

AFFECTED SERVICE SCHEDULE		
DISTANCE(KM)	OWNER	ACTION REQUIRED
2+300 TO 3+302 (L)	TELKOM	TELEPHONE POLES TO BE RELOCATED
2+800 (R)	MUNICIPALITY	WATER MANHOLE TO BE RELOCATED

SIDE-WALK SCHEDULE						
Left Hand Side			Right Hand Side			Comments
			From Km	To Km	Length (m)	
			0+800	3+300	2500	1.5m FOOTWAY

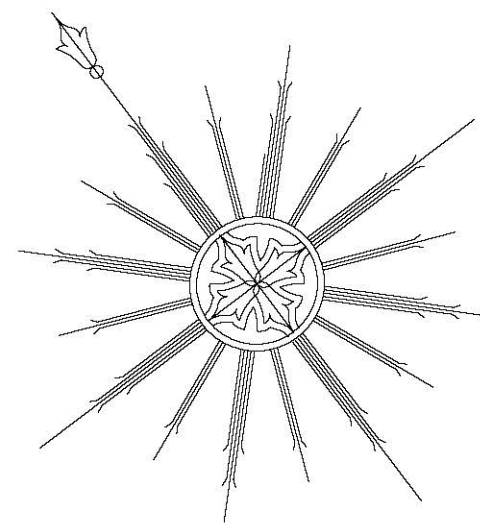
ACHIEVED HORIZONTAL STANDARDS: D564		
DESCRIPTION	DESIRABLE	ACHIEVED
Design Speed	60km/hr	60km/hr
Maximum Superelevation	5%	6%
Minimum Radius of Curves	110m	-
Minimum Curve Length Achieved	-	-
Minimum Tangent Length Achieved	-	-
Minimum Design Stopping Sight Distance	80m	80m
Minimum Shoulder Sight Distance	180m	180m

SIDE DRAIN SCHEDULE					
Left Hand Side		Right Hand Side		Comments	
From Km	To Km	Length (m)	From Km	To Km	Length (m)
2+280	2+560	300	2+680	2+940	160
					2.4m CONCRETE LINED V DRAIN (SD008101A)
2+620	3+160	540			
					2.4m CONCRETE LINED V DRAIN (SD008101A)
3+240	3+302	62			
					2.4m CONCRETE LINED V DRAIN (SD008101A)

KERB AND CHANNEL SCHEDULE					
Left Hand Side		Right Hand Side		Comments	
From Km	To Km	Length (m)	From Km	To Km	Length (m)
		0+800	3+300	2500	
					0.5m KERB AND CHANNEL (SD00701A)

CO-ORDINATES WGS Lo29°					
STATION	Y CONSTANT X		DIRECTION	ELEVATION	REMARKS
BM7	-43512.989	3168829.418		1108.134	
BM8	-43865.488	3169070.158		1110.134	
BM9	-44056.273	3169213.902		1110.767	
BM10	-44303.401	3169399.197		1109.330	

PIPE AND BOX CULVERT SCHEDULE

[illegible]