

BRIDGE MANAGEMENT SYSTEM

Field Inspection Sheet - Bridge - Cellular

Structure No. :	N002_17E_C233		
Structure Name :	Mchubakazi River		
GPS/GIS :	Start	Middle	End
Latitude :	32d 18m 55.80s		32d 18m 55.20s
Longitude :	28d 10m 55.10s		28d 10m 52.80s

Current Inspection Type	Inspector	Firm	Date	Route / Section : N002 / 17E				
Principal	Rossouw Conradie	Aurecon	2016/08/12	Route km : 39				
Prev. Principle Inspection :	Rossouw Conradie	Aurecon	2016/08/12	Other Bridge No. : C233, IDB4041				
Last Monitoring Inspection :				N Route Over / Under : Over				
<div>Culvert Type : Portal frame (in-situ)No. of Cells : 1</div> <div>Year Constructed : 1979Overall Length : 7.25</div> <div>Culvert Orientation : West/EastAngle of Skew :</div> <div>OCI : 75.52</div>				Feature Road Name : Mchubakazi River				
				Feature Road No. :				
				Min. Vertical: Pos				
				Min. Vertical: (m)				
				Direction of River Flow : North				

Inventory :		Inspection :		Reporting :		Capturing :	
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N002_17E_C233 : Mchubakazi River														
Inspection Item		D	E	R	Inspection Item		D	E	R	Inspection Item		D	E	R
1. A/Slabs & C/Off Walls	E1	X			5. Waterway	G0	1	2	1	9. Parapet/Handrails	G0	X		
	E2	X												
2. Wing/Ret/Head Walls	E1	1	2	1	6. Road Slabs	G0	3	2	2	14. Miscellaneous Items	G0	1	1	1
	E2	0												
3. Scour Protection Works	E1	X			7. Roadway Joints	G0	2	3	2					
	E2	X												
4. Emb. Protection Works	E1	0			8. Guardrails	G0	2	2	2					
	E2	0												

Inspection Ratings (Specific Positions)													N002_17E_C233 : Mchubakazi River	
Inspection Item	10. Walls			11. Top Slab			12. Invert Slab			13. Cell Displacement				
REFCODE	D	E	R	D	E	R	D	E	R	D	E	R		
C01	2	2	3	0			X			0				

N002_17E_C233 : Mchubakazi River										Work Done:		
Inspection Item	Pos	Repair Activity		Qty.	Unit	Urg.	Make Safe	Remarks		Photo Report	Monitor Freq.	
02. Wing / Ret / Head Walls	NE	02.120. Seal cracks		4.00	m	2	No	Seal vertical wall cracks in wing wall		No Num.	0	
10. Walls	C1	10.120. Seal cracks		10.00	m	3	No	Large crack repairs in walls		No Num.		

Comments:	N002_17E_C233 : Mchubakazi River
Re-classify as bridge. In good condition. Joints to improve. Traffic on deck. Install barrier wall on bridge	

Further Inspection Needed ? Y/N	No	Special Inspection Instructions :	
Was UBIU used ? Y/N	No		
Is UBIU needed for further insp's? Y/N	No		

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D - DEGREE							E - EXTENT				R - RELEVANCY				U - URGENCY					
NA	UA Ins	None	Minor 4	Fair	Poor	Severe	Local	>Local	<Gen.	Gen.	Min.	Mod.	Major	Critical	Record	Monitor	Routine	<10 yr	< 5 yr	ASAP
X	U	0	1	2	3	4	1	2	3	4	1	2	3	4	R	0	1	2	3	4