



GLADSTONE
REGIONAL COUNCIL

**Road Services - Levels of Service
Maintenance Manual**

PART 3 of 3

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This Road Services Maintenance Levels of Service Manual is comprised of the following levels of service manuals:

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2. RURAL GRAVEL ROAD MAINTENANCE SERVICE LEVEL MANUAL Page: 29
3. ROAD ANCILLARY MAINTENANCE SERVICE LEVEL MANUAL Page: 38
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GLADSTONE
REGIONAL COUNCIL

SEALED ROADS, CARPARKS & FOOTPATHS MAINTENANCE SERVICE LEVEL MANUAL

URBAN ROAD HIERARCHY

Road Hierarchy	Road Type		Road Examples
1U	Arterial Road	Arterial	Example: Bruce Highway, Dawson Highway, Benaraby Gladstone Road. Generally State Controlled Roads
2U		Sub Arterial	Example: Kirkwood, Glenlyon, Red Rover, Hansen Roads, Don Young Drive, Blain Drive, Palm Drive & Philip Street
3U	Distributor Road	4 Lane Distributor	Example: Chapman Drive, Toolooa Street
		2 Lane Distributor	Examples: Sun Valley Road, Dixon & Dalrymple Drive, Shaw Street, Col Brown Avenue
4U	Collector Street	Industrial	Examples: Bensted Road, Callenmondah & Pioneer Drives
		Residential	Examples: Penda Avenue & Harvey Road
5U	Local Street	Residential Access Street	Example: Sharyn Drive
		Residential Access Place	Example: Cul-de-sac

RURAL ROAD HIERARCHY

Road Hierarchy	Road Type		Road Examples
1R	Arterial Road	Arterial	Examples: Fingerboard Road, Monto Road
2R		Sub Arterial	Examples: Landing, Coast, Round Hill, Hills Roads
3R	Distributor Road		Examples: Reid, Blackmans Gap, Taragoola Roads & Haddock Drive
4R	Collector Street		Examples: East End, Awoonga Dam, Tablelands (Calliope), Murphy (AW), Glenlyon, Hughes, Mt Larcom-Bracewell & Lowmead roads
5R	Local Road (Access)		Examples: Baker (Calliope), Davies(AW), Mt Rollo, Hooke, Darts Creek & Mt Alma Roads
6R	Road Reserve (unformed/ unmade/track)		Example: Road Reserves (not maintained)

FOOTPATH HIERACHY

Footpath Hierarchy	Generally Associated With Road Type		Footpath Location/Function
1	Arterial Road	Arterial	Footpaths located within Road Reserves in the near vicinity of shopping precincts, ages care centers, senior citizen centers, schools, hospitals, libraries, main community facilities and transport hubs providing strategic pedestrian links. These may include some roads of lesser hierarchy.
		Sub Arterial	
	Distributor Road	4 Lane Distributor	
		2 Lane Distributor	
2	Collector Street	Industrial	Footpaths linking industrial and residential pedestrian movements to strategic pedestrian footpaths.
		Residential	
	Local Street	Residential Access Street	Footpaths linking residential pedestrian movements to strategic pedestrian footpaths.
		Residential Access Place	
Carparks	Within all hierarchies	Footpaths associated within Carparks positioned within road reserve	
3	All Footpaths within Parks and Reserves	All Footpaths associated with Council buildings	Footpaths located within Parks and Reserves providing strategically links and access to recreational and sporting facilities. Footpaths associated with and providing access to Council owned buildings

Note: This document captures Footpaths within Road Reserves only. Footpaths in Parks and Reserves refer to Parks maintenance manual. Footpath Hierarchy may not at times align with Road Hierarchy e.g. Age Care Units Pioneer Road Gladstone which is defined as a Local Street

Sealed Road, Carpark & Footpath Proactive Inspections

Road Hierarchy	Road Type	Frequency
1U,1R	Arterial	Monthly
2U,2R	Sub Arterial	6 month rotation program
3U,3R	Distributor	9 month rotation program
4U,4R	Collector	12 month rotation program
5R	Access Place/ Street/Road	12 month rotation program
5U	Access Place/ Street/Road	18 month rotation program

Footpath Hierarchy	Frequency
1	12 Months
2	12 Months
3	12 Months

Response Times Definitions

Priority	Definition
1	Risk Based / Hazardous / Urgent
2	Exceeds Intervention Level
3	Non Urgent - Recorded during pro-active inspections only

- Note:**
- **Repair times relate to days preceding inspection, major repairs are subject to available funding**
 - **All times specified in this manual other than for proactive inspections are in working days. Performance Indicator Targets measure number of defects repaired within prescribed response times.**
 - **Footpaths within Parks and Reserves are the responsibility of Council's Park Services**
 - **Carparks within road reserves are proactively inspected every 12 months**
 - **Carparks within Parks or Reserves responsibility of Council's Park Services**
 - **Carparks associated with Council buildings responsibility of Building Services**

SEALED ROADS AND CARPARKS

Bitumen Surface Stripping, Flushing or Cracking Defects



Intervention Level			Priority 1 Guideline	Response Time					
Surface Stripping	Surface Flushing	Surface Cracking		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
							P1	P2	
Stripped Patches exceed 10m ² in area or loss of aggregate or the gravel pavement is visible.	Fatty strip exceeds 10m ² in length or 20% of lane km or road length.	Cracking 5-8 mm and frequent over >25% of lane km or road length.	Central-RCR0001 West-RWR0001 South-RSR0001	1U, 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)				
					2U,3U,2R,3R	5 days	60 days	60-180 days	80%
					4U,5U,4R,5R	10 days	90 days	90-360 days	80%

Note: Larger Stripped or Fatty areas exceeding 10m² or length of fatty strip exceeds 20% of lane km refer to Area Coordinator for consideration in Capital Works Program. Cracking >25% of lane km refer to Area Coordinator for consideration to SAMI Seal within Capital Works Program

Pavement Pothole Defects



Intervention Level	Priority 1 Guideline	Response Time							
		Activity Cost Code	Hierarchy	Inspection Time		Repair Time		Performance Indicator Targets	
						P1	P2		
Potholes depth <30mm and >30mm, both >500mm diameter	Priority increases from 2 to 1 when pothole within intersection, pedestrian zone, cycleway or on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1U, 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)					
			2U,3U,2R,3R	>30mm within 2 days of notification	<30mm within 5 days of notification	2 days	5 days	80%	
			4U,5U,4R,5R	>30mm within 2 days of notification	<30mm within 5 days of notification	5 days	10 days	80%	

Pavement Rutting Defects



Intervention Level	Priority 1 Guideline	Response Time					Performance Indicator Targets
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		
					P1	P2	
Pavement defects such as rutting, with depth > 75mm under a straight edge	Priority increases from 2 to 1 when defect is within intersection, pedestrian zone, cycleway or on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1U,1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	5 days	30-120 days	60-180 days	80%
			4U,4R	10 days	30-180 days	90-240 days	80%
			5U,5R	10 days	30-240 days	90-300 days	80%

Note: For affected pavement areas >500m² refer to Area Coordinator for consideration into Capital Works program.
 "Rough Surface" sign to be installed if necessary to advise public as determined by Area Coordinator.

Pavement Shove & Isolated Depression Defects



Intervention Level	Priority 1 Guideline	Response Time					Performance Indicator Targets
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		
					P1	P2	
Depression or bump area > 75mm in height difference under straight edge and includes areas <50m ²	Priority increases from 2 to 1 when defect is within intersection, pedestrian zone, cycleway or on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1U,1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	5 days	30-60 days	60-90 days	80%
			4U,4R	10 days	30-90 days	90-120 days	80%
			5U,5R	10 days	30-120 days	90-180 days	80%

Note: For affected pavement areas >50m² refer to Area Coordinator for consideration into Capital Works program
 Rough Surface sign to be installed if necessary to advise public as determined by Area Coordinator

Pavement Edge Break Defects



Intervention Level	Priority 1 Guideline	Activity Cost Code	Hierarchy	Response Time			Performance Indicator Targets
				Inspection Time	Repair Time		
					P1	P2	
Edge Break is > 200mm from the average existing line of bitumen	Priority increases from 2 to 1 when defect is within intersection, pedestrian zone, cycleway or on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1U,1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	5 days	30-90 days	60-120 days	80%
			4U,4R	10 days	30-120 days	90-150 days	80%
			5U,5R	10 days	30-150 days	90-180 days	80%

Note: For affected pavement areas >1km refer to Area Coordinator for consideration into Capital Works program
 Rough Surface sign to be installed if necessary to advice public as determined by Area Coordinator

Pavement / Sealed Edge Drop Defects



Intervention Level	Priority 1 Guideline	Response Time					Performance Indicator Targets
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		
					P1	P2	
Edge drop is >75mm from existing sealed surface under straight edge	Priority increases from 2 to 1 when defect is within intersection, pedestrian zone, cycleway or on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1U,1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	5 days	30-120 days	60-180 days	80%
			4U,4R	10 days	30-180 days	90-240 days	80%
			5U,5R	10 days	30-240 days	90-300 days	80%

Note: For affected pavement areas >1km refer to Area Coordinator for consideration into Capital Works program

Pavement Loose Stone Defects (Street Sweeping)



Intervention Level	Priority 1 Guideline	Activity Cost Code	Hierarchy	Response Time			Performance Indicator Targets
				Inspection Time	Repair Time		
					P1	P2	
Debris build up is likely to be accumulated >25mm in kerb channels or >25mm depth of loose material, on road >20m ²	Priority increases from 2 to 1 when defect is within intersection or approaches, pedestrian zone, cycleway or on a bend.	Central-RCS0001 West-RWS0001 South- RSS0001	1U,1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,2R, 3U,3R	2 days	5-10 days	15 days	80%
			4U,4R	5 days			80%
			5U,5R	10 days	10-15 days	20 days	80%

Note: Proactive Street Sweeping Program

U1 - Arterial Road "DTMR" owned (determined by monthly inspections and programmed accordingly)

U2 - Sub Arterial Roads - Monthly Rotation

U3 -Distributor - Monthly Rotation

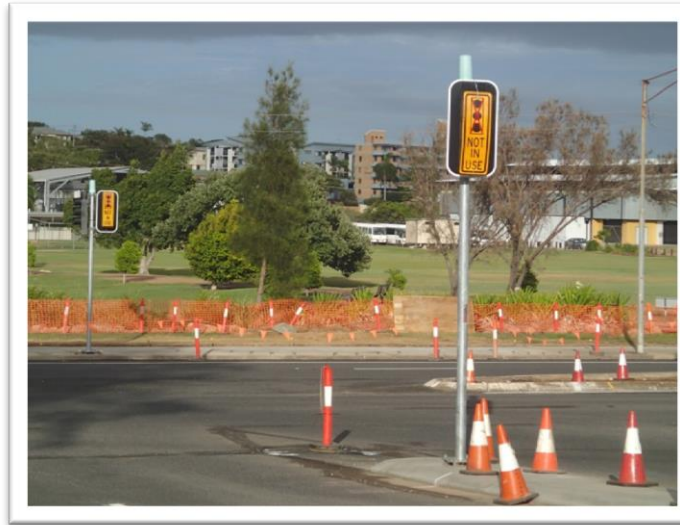
U4 - Collector - 2 Monthly Rotation

U5 - Access Street / Place - 4 Monthly Rotation

Gladstone CBD (specific roads) - Weekly

Business Hubs "specific roads" of (Agnes Water,1770, Miriam Vale, Boyne Island, Tannum Sands, Calliope) Bi-Weekly Rotation

Traffic Signal Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
		RDM0009	1U,1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
All Signals Failure	Priority 1		All Other Hierarchies	2 hours	24 hours		80%
Electrical fault electrocution concern	Priority 1			2 hours	24 hours		80%
Single Light 'lamp' Failure	2 Lamp Failure on a single approach			2 days	5 days	10 days	80%
Audible Device Failure	Priority 2			5 days	14 days		80%

Note: Proactive Inspections undertaken bi-weekly

Service Pit Cover Defects "road & footpath"(include sewerage/stormwater covers)



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
All displaced or damaged pit covers. Service Pit to be made safe by Council and referred to relevant authority or Council Section	Priority increases from 2 to 1 when defect is within pedestrian zone or cycleway or on a bend.	Central-RCS0001 West-RWS0001 South- RSS0001	1U,1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	2 days	5 days	5-10 days	80%
			4U,4R	5 days	10 days	10-15 days	80%
			5U,5R	5 days	10 days	15-20 days	80%

Note: Road Services responsible for stormwater manholes covers only. Permanent repairs to other covers subject to relevant authority

FOOTPATHS

Footpath Trip & Slip Defects



Intervention Level	Priority 1 Guideline	Activity Cost Code	Response Time				Performance Indicator Targets
			Hierarchy	Inspection Time	Repair Time		
					P1	P2	
<p>1. Where observed lip is greater than 30mm in height variation for concrete or paved footpaths or where rut is greater than 50mm in depth if asphalt or gravel footpath.</p> <p>2. Where surface is slippery.</p> <p>3. Grassed footpaths will not be inspected however maintenance will be carried out on a case by case basis as determined by the Area Coordinator.</p>	<p>Priority increases from 2 to 1 when defect is within Footpaths located near vicinity of shopping precincts, age care centres, senior citizen centres, schools, hospitals, community facilities and transport hubs.</p>	<p>Central-RCF0001 West-RWF0001 South-RSF0001</p>	1U,1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			1	2 days	30-60 days	30-90 days	80%
			2	5 days	30-90 days	30-120 days	80%

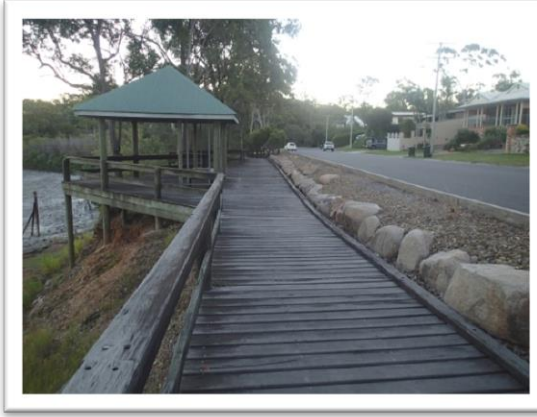
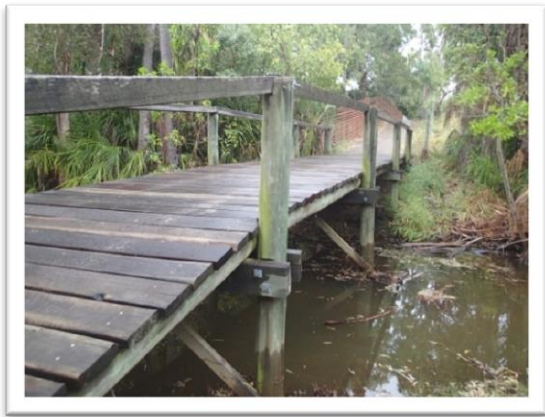
Footpath Surface Defects



Intervention Level	Response Time						
	Priority 1 Guideline	Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
1. Footpath is cracked, broken or raveling. 2. Cracks > 10mm in horizontal width to a depth >50mm 3. Broken Area >25% & <50% of pathway width and length of area affected 4. Raveling gravel or sealed surface >25% & <50% of pathway width and length of area affected 5. Tree obstructions and damage as a result of root intrusion	Priority increases from 2 to 1 when defect is within Footpaths located near vicinity of shopping precincts, age care centres, senior citizen centres, schools, hospitals, community facilities and transport hubs.	Central-RCF0001 West-RWF0001 South-RSF0001	1U&R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			1	5 days	60-90 days	60-120 days	80%
			2	10 days	90-120 days	90-180 days	80%

Note: Footpaths Cracked, Broken and or Raveling >50% per 100 metre section, refer to Area Coordinator for consideration into Capital Works Program

Footpath Pedestrian Bridge and Elevated Walkway Defects



Intervention Level	Response Time						Performance Indicator Targets
	Priority 1 Guideline	Activity Cost Code	Hierarchy	Inspection Time	Repair Time		
					P1	P2	
'Priority 1 Defects' Determined from either Proactive Inspections or Level 1, 2 or 3 Inspection reports	Increases from 2 to 1 as detailed in Bridge Reports and or defect poses a significant safety risk	Central-RCF0001 West-RWF0001 South-RSF0001	1U,1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			1	5 days	10-180 days subject to defect and available funding	180-240 days subject to defect and available funding	80%
			2	10 days	30-240 days subject to defect and available funding	240-360 days subject to defect and available funding	80%

Note: Proactive Level 1 inspections annually. Level 2 inspections every 5 years or as determined from Level 1 inspection. Level 3 inspections as required and determined from Level 2 inspections. Major defects refer to Area Coordinator for consideration into Capital Works Program.

Property Access Defects



Intervention Level	Response Time				
	Activity Cost Code	Hierarchy	Inspection Time	Repair Time	Performance Indicator Targets
1. For all accesses where a defect exists within the pedestrian pathway causing a safety issue for members of the public. 2. Gravel accesses "non-pedestrian area" with potholes or rutting > 75mm depth or defect area >3m ² 3. Concrete or paved accesses "pedestrian area" with water ponding or trip hazards to a depth >30mm.	Central-RCF0001 West-RWF0001 South-RSF0001	1U,2R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)		
		1	5 days	Council to perform satisfactory interim treatment 10 days. (Permanent Repair subject to owner taking responsibility)	80%
		2	10 days	Owner to undertake permanent repairs	80%

KERBS, MEDIANS AND CHANNELS

Kerb and Channel Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Kerb vertical displacement > 60mm and / or horizontal displacement > 120mm to a maximum of 12m in kerb length.	Priority increase from 2 to 1 when water impeding onto roadway by 1m	Central-DCM0001 West-DWM0001 South-DSM0001	1U	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	5 days	30-120 days	120- 360 days	80%
			4U,5U,4R,5R	10 days	30-240 days	240-360 days	80%

Note: If kerb defects >12 metres in length refer to Area Coordinator for consideration into Capital Works program.

Semi Mountable Kerb and Paved Median Defects



Intervention Level	Priority 1 Guideline	Response Time					Performance Indicator Targets
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		
					P1	P2	
1. Kerb vertical displacement > 100mm and / or horizontal displacement > 200mm to a maximum of 20m in kerb length. 2. Paved median displacement causing traffic safety concerns 3. Grass and vegetation >300mm in height growing from paved joins or edges	Priority increase from 2 to 1 when kerb displacement extends into travel lane	Central-DCM0001 West-DWM0001 South-DSM0001	1U	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	5 days	5-10 days	10- 90 days	80%
			4U,5U,4R,5R	10 days	10-30 days	30-180 days	80%

Note: If kerb defects greater than 20m in length refer to Area Coordinator for consideration into Capital Works Program

If paved island displaced defect >50m² refer to Area Coordinator for consideration into Capital Works Program

ROAD DRAINAGE

Floodway Silt/Debris/Structural Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
			1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
Silt or debris build-up which obstructs the flow of traffic or flow of storm water	When floodway is impassable due to silt or debris	Central-DCM0001 West-DWM-0001 South-DSM0001	All Remaining Hierarchy	1 day	2 days	5 days	80%
Concrete causeway structure has been significantly compromised	Increased from 2 to 1 prior to or during wet season		All Remaining Hierarchy	5 days	60 days	360 days	80%

Major defects refer to Area Coordinator for consideration into Capital Works Program.

Table Drain Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Water ponds at a depth >150mm due to geometry of table drain or build-up of debris or significant erosion exists	Water or erosion encroaches onto roadway 1.5m	Central-DCM0001 West-DWM-0001 South-DSM0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			All Remaining Hierarchy	2 days	10 days	90 days	80%

Note: Works undertaken subject to seasons and after wet weather



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**RURAL GRAVEL ROADS
MAINTENANCE SERVICE LEVEL MANUAL**

RURAL ROAD HIERARCHY

Road Hierarchy	Road Type		Road Examples
1R	Arterial Road	Arterial	Examples: Monto Road
2R		Sub Arterial	Examples: Hills Road
3R	Distributor Road		Examples: Blackmans Gap, Taragoola Roads
4R	Collector Street		Examples: East End, Awoonga Dam, Tablelands (Calliope), Murphy (AW), Hughes, Lowmead roads
5R	Local Road (Access)		Examples: Baker (Calliope), Davies(AW), Hooke, Darts Creek & Mt Alma Roads
6R	Road Reserve (unformed/ unmade/track)		Example: Road Reserves (not maintained)

Note: Unformed Road or Track '6R' are not inspected or maintained.

Rural Road Proactive Inspections

Road Hierarchy	Frequency
1R	Monthly
2R	6 month rotation program
3R	9 month rotation program
4R	12 month rotation program
5R	12 month rotation program
6R	Not Inspected

Response Times Definitions

Priority	Definition
1	Risk Based / Hazardous / Urgent
2	Exceeds Intervention Level
3	Non Urgent - Recorded during pro-active inspections only

Note:

- All times specified in this manual other than for proactive inspections are in working days. Performance Indicator Targets measure number of defects repaired within prescribed response times.
- Repair times relate to days proceeding inspection, major repairs are subject to available funding

Pothole Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Pothole Depth > 100mm and diameter > 500mm	Priority increases from 2 to 1 when pothole on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2R, 3R	5 days	10-30 days	30-60 days	80%
			4R, 5R	10 days	10-45 days	45-90 days	80%

Pavement Defects



Intervention Level	Priority 1 Guideline	Response Time						
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets	
					P1	P2		
1. Pavement defects such as rutting, with depth > 100mm 2. Subgrade visible, little to no gravel >250m of lane km	Priority increases from 2 to 1 when defect is on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)				
			2R, 3R	5 days	30-60 days	60-90 days	80%	
			4R, 5R	10 days	60-90 days	90-120 days	80%	

Note: Little or no pavement visible >50% of lane Km refer to Area Coordinator for consideration into Capital Works program

Corrugation Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Corrugations >75mm depth for more than >250m of a lane Km	Priority increases from 2 to 1 when defect is on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2R, 3R	5 days	30-60 days	60-90 days	80%
			4R, 5R	10 days	60-90 days	90-120 days	80%

Cross Road Scour Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Scour >30% across travel lane, >75mm depth and to a width >150mm	Priority increases from 2 to 1 when defect is on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2R, 3R	5 days	30-60 days	60-90 days	80%
			4R, 5R	10 days	60-90 days	90-120 days	80%

Loss of Pavement Width Defects



Intervention Level	Priority 1 Guideline	Response Time					Performance Indicator Targets
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		
					P1	P2	
Loss of pavement width >20% and >75mm depth	Priority increases from 2 to 1 when defect is on a bend or crest.	Central-RCR0001 West-RWR0001 South-RSR0001	1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2R, 3R	5 days	30-60 days	60-90 days	80%
			4R, 5R	10 days	60-90 days	90-120 days	80%

Loose Stone Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Debris build up is likely to be accumulated > 75mm for more than >150m of lane Km	Priority increases from 2 to 1 when defect is on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1R	Refer to Department of Transport and Main Roads Specifications/ Road Performance Contract (RMPC)			
			2R, 3R	5 days	30-60 days	60-90 days	80%
			4R, 5R	10 days	60-90 days	90-120 days	80%



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2U		Sub Arterial	Example: Kirkwood, Glenlyon, Red Rover, Hansen Roads, Don Young Drive, Blain Drive, Palm Drive & Philip Street
3U	Distributor Road	4 Lane Distributor	Example: Chapman Drive, Toolooa Street
		2 Lane Distributor	Examples: Sun Valley Road, Dixon & Dalrymple Drive, Shaw Street, Col Brown Avenue
4U	Collector Street	Industrial	Examples: Bensted Road, Callenmondah & Pioneer Drives
		Residential	Examples: Penda Avenue & Harvey Road
5U	Local Street	Residential Access Street	Example: Sharyn Drive
		Residential Access Place	Example: Cul-de-sac

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Road Hierarchy	Road Type		Road Examples
1R	Arterial Road	Arterial	Examples: Fingerboard Road, Monto Road
2R		Sub Arterial	Examples: Landing, Coast, Round Hill, Hills Roads
3R	Distributor Road		Examples: Reid, Blackmans Gap, Taragoola Roads & Haddock Drive
4R	Collector Street		Examples: East End, Awoonga Dam, Tablelands (Calliope), Murphy (AW), Glenlyon, Hughes, Mt Larcom-Bracewell & Lowmead roads
5R	Local Road (Access)		Examples: Baker (Calliope), Davies(AW), Mt Rollo, Hooke, Darts Creek & Mt Alma Roads
6R	Road Reserve (unformed/ unmade/track)		Example: Road Reserves (not maintained)

Urban Road Proactive Inspections

Road Hierarchy	Road Type	Frequency
1U	Arterial	Monthly
2U	Sub Arterial	6 month rotation program
3U	Distributor	9 month rotation program
4U	Collector	12 month rotation program
5U	Access Place/ Street	18 month rotation program

Rural Road Proactive Inspections

Road Hierarchy	Road Type	Frequency
1R	Arterial	Monthly
2R	Sub Arterial	6 month rotation program
3R	Distributor	9 month rotation program
4R	Collector	12 month rotation program
5R	Local Road (Access)	12 month rotation program
6R	Road Reserve (unformed/ unmade/track)	Not Inspected

Response Times Definitions

Priority	Definition
1	Risk Based / Hazardous / Urgent
2	Exceeds Intervention Level
3	Non Urgent - Recorded during pro-active inspections only

Notes:

- All times specified in this manual other than for proactive inspections are in working days. Performance Indicator Targets measure number of defects repaired within prescribed response times.
- Repair times relate to days preceding inspection, major repairs are subject to available funding
- Footpaths within Parks and Reserves are responsibility of Council's Park Services
- Carparks within Parks or Reserves responsibility of Council's Park Services
- Carparks associated with Council buildings responsibility of Building Services

Bridge Defects



Intervention Level	Response Time							
	Priority 1 Guideline	Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets	
					P1	P2		
'Priority 1 Defects' Determined from either Proactive Inspections or Level 1, 2 or 3 Inspection Reports	Priority increases from 2 to 1 as determined in Bridge Reports and/ or defect poses a significant safety risk to both vehicle or pedestrian traffic	Central-RCB0001 West-RWB0001 South-RSB0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)				
			2U, 3U 2R, 3R	5 days	10-180 days subject to defect and available funding	180-360 days subject to defect and available funding	80%	
			4U, 5U 4R, 5R	10 days	10-360 days subject to defect and available funding	360-720 days subject to defect and available funding	80%	

Note: Proactive Level 1 inspections annually. Level 2 inspections every 5 years or as determined from Level 1 inspection. Level 3 inspection as required and determined from level 2 inspection. Major defects refer to Area Coordinator for consideration into Capital Works Program.

Boat Ramp and Jetties Defects

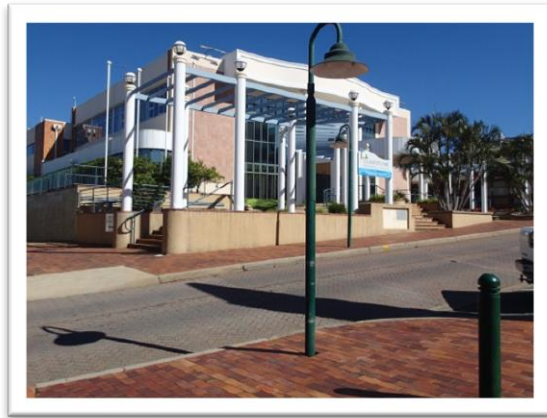


Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
- Boat Ramp Slippery - Boat Ramp Structure Defect.	Priority increases from 2 to 1 when slippery surface or defect is in pedestrian or vehicle/trailer zone	Central-RCB0001 West-RWB0001 South-RSB0001	1U 1R	5 days	30-60 days	60-120 days	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)
- Jetty Slippery - Jetty Structural Defect	Priority increases from 2 to 1 when slippery surface or defect is in pedestrian area and poses an obvious safety hazard		N/A				80%

**Notes: Land base infrastructure responsibility of Council. Water based infrastructure responsibility of Department of Transport and Main Roads.
Proactive Inspections: Annually. Major defects refer to Area Coordinator to be discussed with DTMR.**

Street Lights and Electronic Sign Defects (Council Owned) Defects

***See Notes for Authority owned lights**



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Damaged or failed light, or components pose a potential hazard	Priority increases from 2 to 1 when asset is deemed an electrical hazard.	RDM0007	1U	24 hours	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)		80%
			1R		24 hours	30-60 days	
			All Other Hierarchies				

Note: Council owned Solar Street Light Batteries changed every 5 years. Proactive Inspections- Electronic Flood Signs inspected annually. School flashing signs inspected in line with corresponding road inspection on which sign is located

Note: Authority owned street lights report direct to appropriate authority "Ergon" Contact Number: 13 74 66
 Department of Transport and Main Roads Contact Number: 13 23 80
 Repair timeframes subject to Authority Policies

Signs Missing / Defective



Intervention Level	Priority 1 Guideline	Response Time					Performance Indicator Targets
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		
					P1	P2	
Missing, faded or dirty sign which does not comply with the Main Roads Manual of Uniform Traffic Control Devices or is beyond repair or supporting structure is beyond repair.	Priority increases from 2 to 1 when sign is a regulatory sign	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	5 days	5 days	30 days	80%
			4U,5U,4R,5R	5 days	5 days	60 days	80%

Bus Stop and Shelter Defects



Intervention Level	Response Time						
	Priority 1 Guideline	Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
-Damaged, faded or Defective Signs - Damaged Shelter -Damaged Tactiles -Trip Hazards > 15mm -Line Marking > 50% of marking has lost reflectivity or is discoloured	Priority increases from 2 to 1 when an Urban Bus Stop and Shelter	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,4U,5U	5 days	10 days	30 days	80%
			2R,3R,4R,5R	10 days	20 days	60 days	80%

Note: Proactive Inspection in line with corresponding road hierarchy on which bus stop or shelter is positioned. Major defects refer to Area Coordinator for consideration into Capital Works Program.

Guide Post Delineator Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Any missing guide post or the post is on a noticeable lean	Priority increases from 2 to 1 when 25% of posts or delineators missing on a bend or crest. A single post or delineator missing at a culvert or hazard.	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	5 days	5 days	30 days	80%
			4U,5U, 4R, 5R	10 days	10 days	60 days	80%

Missing or Faded Line Marking & Raised Pavement Marker Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
1. > 50% of the traffic management line marking has lost reflectivity or is discoloured over a lane km or 100 metres of footpath length. 2. > 20% of raised pavement markers are missing or defective over a lane km	Priority increases from 2 to 1 when defect is within intersection, pedestrian zone, cycleway, school zone or on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R, 3R	5 days	60-120 days	120-240 days	80%
			4U,5U,4R, 5R	10 days	90-180 days	180-360 days	80%

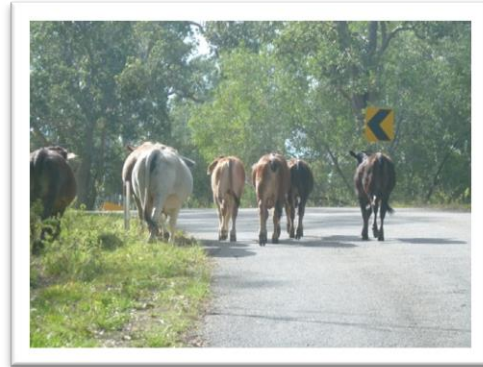
Litter / Graffiti on Roads and Footpaths Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Locations that are highly visible to the public	Priority increases from 2 to 1 when Graffiti is considered offensive. Priority increases when litter is biological in nature	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	2 days	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)		80%
			All Other Hierarchies		2-5 days	30 days	

Note: Bi-Monthly litter collection program only on Red Rover Road, Don Young Drive and Kirkwood Road, all remaining roads as required

Deceased Animals / Straying Stock on Roads and Footpaths



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Locations that are highly visible to the public and/or pose a significant safety concern to the travelling public	Priority increases from 2 to 1 when deceased animal is located within pedestrian zone, cycleway or on a bend Priority increases from 2 to 1 when straying stock are located on DTMR Roads	Central- RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,	1 day	1 day	2 days	80%
			3R,4U,5U	2 days	1 day	3 days	80%
			4R,5R	3 days	2 days	4 days	80%

Note 1: Deceased animals <1.5kg will not be removed from Urban Areas e.g. "medium size bird/snake", deceased animals <5kg will not be removed in Rural Areas e.g. "large bird/rabbit" and deceased animals >5kg will only be removed from Rural areas if located within the travel lane or sealed pavement.

Note 2: After hour call outs are for emergency purposes only and deceased animals will only be removed after normal hours in accordance with "Note 1" if located within a travel lane, pedestrian zone, cycleway or on a bend.

Note 3: After hour call outs for stray stock apply to DTMR and GRC roads nominated as "1U,2U,3U,1R,2R,3R" only, remaining GRC owned roads are not attended to for stray stock after hours and include "4U,5U,4R,5R,6R"

Damaged Safety Fencing Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Pedestrians likely to gain unauthorised access to the road reserve or where a fall hazard exists	Priority increases from 2 to 1 when within a designated pedestrian zone or cycleway.	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			All Other Hierarchies	2-5 days	30 days	60-90 days	80%

Note: Site to be made safe within 2 days with the installation of temporary fencing whilst awaiting permanent repairs

Guard Rail Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
1. Damaged guard rail or components are a potential hazard to traffic or rail is bent 300mm out of alignment or has a loss of structural integrity. 2. End treatment Directional Arrows and or delineator's missing or defective	Priority increases from 2 to 1 when damaged rail is on a bend or bridge approach.	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	2-5 days	30-60 days	60-90 days	80%
			4U,5U,4R,5R	5-10 days	60-90 days	90-120 days	80%

Note: Installation of temporary fencing and advanced warning signage within 2 days whilst awaiting permanent repairs

Road Side Vegetation / Herbicide Spraying



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
1. Grass > 700mm in height on road verge. 2. Grass > 300mm in height in a concrete median "joints". 3. Vegetation causing damage to existing assets 4. Trees within clear zones (subject to funding)	Grass / Vegetation restricting visibility and site distance causing safety concerns	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			2U,3U,2R,3R	5 days	30 days	60 days	80%
			4U,5U,4R,5R	10 days	60 days	90 days	80%

Note: Road side mowing/slashing/herbicide spraying within 60km hour zones "Urban Areas" responsibility of Park Services

Tree removal within clear zones, subject to funding. "Generally clearance from edge line" (<60 km- 4.5m) (60-80 km- 5.5m) (80-100 km- 9m)

Various Streetscape Defects

Seats, Rubbish Bins, Handrails, Stairs, Bicycle Racks, Street Art, Bollards



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
1.Assets or components pose a potential hazard to both vehicle and pedestrian traffic 2. Assets are no longer fit for purpose	Priority increases from 2 to 1 when within pedestrian zone or cycleway or on a bend.	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			All Other Hierarchies	2-5 days	5-10 days	5-90 days	80%

Major defects refer to Area Coordinator for consideration into Capital Works Program.

Retaining Wall Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Asset or components pose a potential hazard to both vehicle and pedestrian traffic	When considered to be on the verge of collapse	Central-RCR0001 West-RWR0001 South-RSR0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			All Other Hierarchies	2-5 days	Cordon off site 5-10 days and program permanent repairs	10-90 days	80%

Note: Major defects to be referred to Area Coordinator for consideration into Capital Works program



GLADSTONE
REGIONAL COUNCIL

DRAINAGE
MAINTENANCE SERVICE LEVEL MANUAL

Drainage Hierarchy

Underground Stormwater Hierarchy	Drainage Carrying Or Discharging Stormwater Flows From	ROAD HIERARCHY RELATIONSHIP					
		URBAN HIERARCHY	Road Function		Road Examples		
1	All underground stormwater pipes, pits and drainage outlet structures that comprise the "Urban" underground stormwater network	1U	Arterial Road	Arterial	Example: Bruce Highway, Dawson Highway, Benaraby Gladstone Road. Generally State Controlled Roads		
				2U	Sub Arterial	Example: Kirkwood, Glenlyon, Red Rover, Hansen Roads, Don Young Drive, Blain Drive, Palm Drive & Philip Street	
		3U	Distributor Road	4 Lane Distributor	Example: Chapman Drive, Toolooa Street		
				2 Lane Distributor	Examples: Sun Valley Road, Dixon & Dalrymple Drive, Shaw Street, Col Brown Avenue		
		4U	Collector Street	Industrial	Examples: Bensted Road, Callenmondah & Pioneer Drives		
				Residential	Examples: Penda Avenue & Harvey Road		
		5U	Local Street	Residential Access Street	Example: Sharyn Drive		
				Residential Access Place	Example: Cul-de-sac		
		2	All underground stormwater pipes, pits and drainage outlet structures that comprise the "Rural" underground stormwater network.	RURAL HIERARCHY	Road Function		Road Examples
				1R	Arterial Road	Arterial	Examples: Fingerboard Road, Monto Road
2R	Sub Arterial					Examples: Landing, Coast, Round Hill, Hills Roads	
3R	Distributor Road			Examples: Reid, Blackmans Gap, Taragoola Roads & Haddock Drive			
4R	Collector Street			Examples: East End, Awoonga Dam, Tablelands (Calliope), Murphy (AW), Glenlyon, Hughes, Mt Larcom-Bracewell & Lowmead roads			
5R	Local Road (Access)			Examples: Baker (Calliope), Davies(AW), Mt Rollo, Hooke, Darts Creek & Mt Alma Roads			
6R	Road Reserve (unformed/unmade/track)			Example: Road Reserves (not maintained)			

Open Drainage Hierarchy	Open Drainage Containing, Controlling or Discharging Stormwater Flows
1	From or within Major Open Drain - Such as the Town Drains or concrete lined drains. Urban Areas.
2	From or within Minor Open Drain - Such as earth or concrete invert drains. Rural Areas.
3	From or within all Detention and Retention Basins "generally Urban Areas only"

Note: Inspection of Arterial Roads "DTMR" owned 1U and 1R subject to RMPC contract

Drainage Proactive Inspections

Underground Stormwater Hierarchy	Frequency
1	Urban/CCTV Inspection and cleaning program 15-20 year rotation program subject to available funding
2	"Rural" visual inspection if accessible - 12 months
Open Drain Hierarchy	Frequency
1	"Urban Open Drains" 12 months
2	"Rural Open Drains " Inspected on an as needs basis
3	"Urban Detention/Retention Basins" 12 months

Response Times Definitions

Priority	Definition
1	Risk Based / Hazardous / Urgent
2	Exceeds Intervention Level
3	Non Urgent - Recorded during pro-active inspections only

Notes: All times specified in this manual other than for proactive inspections are in working days. Performance Indicator Targets measure number of defects repaired within prescribed response times.
 Repair times relate to days preceding inspection, major repairs are subject to available funding.
 Creeks, Gullies, Waterways are the responsibility of Park Services. Park Services maintain vegetation in Urban Open Drains

UNDERGROUND STORMWATER

Pit Defects



Intervention Level	Priority 1 Guideline	Response Time					Performance Indicator Targets
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		
					P1	P2	
1. Gully Pit/Grate is missing or damaged or structurally unable to carry traffic "fit for purpose" 2. Waterway entry area is obstructed or entry pit/grate is blocked or pit outlet pipe is blocked with debris or pit lid is broken	If pit lid is missing or entry is blocked and will likely cause flooding of residential property or hazard to traffic	Central-DCM0001 West-DWM-0001 South-DSM0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			1	2 days	5 days	30 days	80%
			2	5 days	10 days	60 days	80%

Inlet / Outlet Obstructions & Defects



Intervention Level	Priority 1 Guideline	Response Time						
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets	
					P1	P2		
Flood gates are not operating or inlet / outlet channel is blocked	If the flood gate is jammed or headwall is 30% blocked during forecasted seasonal rain	Central-DCM0001 West-DWM-0001 South-DSM0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)				
			1	2 days	5 days	30 days	80%	
			2	5 days	10 days	60 days	80%	

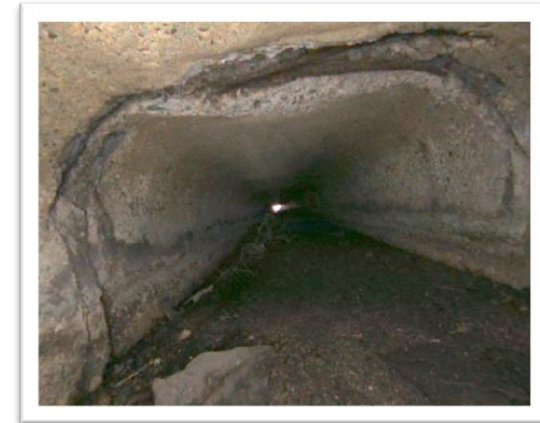
Litter and Gross Pollutant Trap Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Emptying of litter baskets	If basket is blocked during forecasted seasonal rain	Central-DCM0001 West-DWM-0001 South-DSM0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			80%
Structural or Functional Defect	Increases from 2 to 1 if prior to wet season		N/A	2 days	5 days	Clean every 12 months	
			2 days	20 days	60 days		

Note: Proactive inspection and clean annually. Major defects refer to Area Coordinator for consideration into Capital Works

Culvert Obstruction or Structure 'within culvert' Defects



Intervention Level	Priority 1 Guideline	Response Time					Performance Indicator Targets	
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time			
					P1	P2		
>30% of the waterway area within culvert is obstructed	During an extreme event where it will cause potential damage	Central-DCM0001 West-DWM-0001 South-DSM0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)				80%
			1	5 days	30 days	As per program on priority basis	80%	
			2	5 days	60 days	As per program on priority basis	80%	
When culvert structure is compromised	Increases from 2 to 1 when culvert is carrying traffic		1,2	5 days	90 days	360 days	80%	

Note: Urban proactive inspection and cleaning program "underground stormwater" every 15-20 years subject to available funding. Rural underground network, visual inspection if accessible every 12 months. Major defects refer to Area Coordinator for consideration into Capital Works Program.

Culvert Headwall/Apron Structural Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
Scouring of inlets/ outlets and/.or the structural integrity of the culvert is being compromised Headwall is displaced/ broken and not fit for purpose	When considered to be on the verge of collapse	Central-DCM0001 West-DWM-0001 South-DSM0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			1	5 days	60 days	120 days	80%
			2	5 days	90 days	180 days	80%

Note: Major defects refer to Area Coordinator for consideration into Capital Works Program.

OPEN DRAINS

Detention / Retention Basin Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
1. Capacity of basin reduced by 25%, de-silting required. 2. Visible debris or litter resulting in likely restriction of basin function. 3. Damaged structures or protective treatments	During times of forecast seasonal rain	Central-DCM0001 West-DWM-0001 South-DSM0001	1U 1R	Refer to Department of Transport and Main Roads Specifications / Road Performance Contract (RMPC)			
			3 "generally not applicable in rural area"	5 days	10 days	60-180 days	80%

Note: Proactive Inspections: Annually. Detention/ Retention Basins including hard fixed infrastructure in Parks and Reserves considered a feature of the Park or for aesthetics are the responsibility of Park Services. Siltation or Erosion defects are the responsibility of Road Services. Slashing and vegetation management of all Detention/Retention Basins is the responsibility of Park Services. Major defects refer to Area Coordinator for consideration into Capital Works Program.

Concrete Lined Open Drain Defects



Intervention Level	Priority 1 Guideline	Response Time						
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets	
					P1	P2		
>10% of the waterway area is obstructed and/or the structural integrity of walls being comprised	During times of forecasted seasonal rain	Central-DCM0001 West-DWM-0001 South-DSM0001	1U 1R	Refer to Department of Transport and Main Roads Specifications/ Road Performance Contract (RMPC)				
			1	5 days	30 days	30-90 days	80%	
			2	5 days	30 days	30-180 days	80%	

Note: Major defects refer to Area Coordinator for consideration into Capital Works Program.

Open Earth Drain Defects



Intervention Level	Priority 1 Guideline	Response Time					
		Activity Cost Code	Hierarchy	Inspection Time	Repair Time		Performance Indicator Targets
					P1	P2	
>20% of the waterway area is obstructed and/or the structural integrity of walls or drain base has been comprised "significant scour/erosion"	Affecting private property or adjoining assets. During times of forecasted seasonal rain	Central-DCM0001 West-DWM-0001 South-DSM0001	1U 1R	Refer to Department of Transport and Main Roads Specifications/ Road Performance Contract (RMPC)			
			1	5 days	30 days	30-90 days	80%
			2	5 days	30 days	30-180 days	80%

Note: Slashing and vegetation management of all Open Earth Drains are the responsibility of Park Services. Road Services is responsible to maintain any works associated with Open Drain function i.e removal of silt and debris or management of erosion.