



# **Quarterly Review Report \_ Capital Works Program**

## A Connected, Safe & Creative Community

### *Community Buildings Construction Program (CBC)*

Project ID	Project Name	Status	Comments	Responsible Officer
CBC-2021-001	Various Council Buildings - Solar Panel Installation	On Track	Contractor engaged and scheduling work for quarter 4	Environment and Waste Services Manager
CBC-2022-001	Laguna Community Hall - Bushfire Disaster Preparedness Upgrades	Complete	Project complete only finalization to do	Principal Recreation Planner
CBC-2022-002	Wollombi Community Hall - Bushfire Disaster Preparedness Upgrades	Complete	Project complete finalization only to do	Principal Recreation Planner

### *Cemeteries Facilities Construction Program (CFC)*

Project ID	Project Name	Status	Comments	Responsible Officer
CFC-2022-001	Greta - Fence Renewal	Complete		Principal Recreation Planner
CFC-2022-002	Greta - Signage Renewal	On Track	To be completed in the 4th quarter.	Principal Recreation Planner

### *Cultural & Community Buildings Renewal Program (RBC)*

Project ID	Project Name	Status	Comments	Responsible Officer
RBC-2022-001	Various Facilities - Asset Renewal	On Track	Request for quotation in progress	Principal Recreation Planner

Project ID	Project Name	Status	Comments	Responsible Officer
RBC-2022-002	Cessnock Library - Internal Painting and Flooring	On Track		Principal Recreation Planner
RBC-2022-003	Marthaville - External Painting	On Track		Principal Recreation Planner
RBC-2022-004	Branxton Community Hall - Kitchen	Complete		Principal Recreation Planner
RBC-2022-005	Cessnock Performing Arts Centre Refurbishment - Stage 1	On Track	Development Consent granted in the 2020/21 reporting year and Construction Certificate has been determined and approved March 2022. Public Works Advisory NSW has been appointed to project manage the refurbishment and is preparing the tender documentation.	Community and Cultural Engagement Manager
RBC-2022-006	Richmond Main Colliery Interim Works Remediation Action Plan	On Track	A works schedule for interim remediation requirements has been confirmed and a quote process to undertake the works closed 31 March 2022. A supplier has been selected and the works are expected to commence in the next reporting quarter.	Community and Cultural Engagement Manager

### ***Recreation Buildings Renewal Program (RBR)***

Project ID	Project Name	Status	Comments	Responsible Officer
RBR-2022-001	Cessnock Sportsground - Replacement of Grandstand Seating	Deferred to 2022-23 Project - included in Op Plan		Principal Recreation Planner

Project ID	Project Name	Status	Comments	Responsible Officer
RBR-2022-002	Orange Street Oval Abermain - Food Premises Compliance Program	On Track	To be completed in May 2022.	Principal Recreation Planner

### ***Pools Facilities Renewal Program (RFP)***

Project ID	Project Name	Status	Comments	Responsible Officer
RFP-2020-004	Cessnock Pool - Splash Pad	On Track	Splashpad toys installed. Shadesail and safety surface to be completed.	Principal Recreation Planner
RFP-2021-004	Aquatic Facility Renewal Program - Branxton, Cessnock, Kurri Kurri	Complete	Funds moved to RFP-2022-001	Principal Recreation Planner
RFP-2022-001	Pools Renewal Program	Not Progressing	Tenders received for roof replacement were in excess of budget. Council staff to re-scope.	Principal Recreation Planner

## A Sustainable & Prosperous Economy

### *Signage / Vineyard Roads Program (CRV)*

Project ID	Project Name	Status	Comments	Responsible Officer
CRV-2020-001	Various - Hunter Valley Wine Country Tourist Signage - Phase 1 Investigate & design, Phase 2 Detailed design, Phase 3 Construct	Complete		Infrastructure Manager

### *Branxton Town Centre Program (CTB)*

Project ID	Project Name	Status	Comments	Responsible Officer
CTB-2019-001	Branxton Pavement and Street Trees	On Track		Infrastructure Manager
CTB-2019-002	Branxton Town Square	On Track		Infrastructure Manager
CTB-2019-003	John Rose Avenue - Pathway	On Track		Infrastructure Manager
CTB-2021-001	Branxton Town Centre - Stage 2	On Track	Construction works have been awarded and to commence in Q4.	Infrastructure Manager

### *Kurri Kurri Town Centre Program (CTK)*

Project ID	Project Name	Status	Comments	Responsible Officer
CTK-2020-001	Kurri Kurri Commercial Centre - Upgrade Commercial Centre - Associated Roadworks	On Track	Construction stage 1 currently out for tender. Design for remaining sections progressing. Multi year project.	Infrastructure Manager

Project ID	Project Name	Status	Comments	Responsible Officer
	- Phase 2 Detailed Design - Phase 3 Construction			
CTK-2021-001	Lang Street, Kurri Kurri - Upgrade Town Centre Stage 1 - Phase 2 Detailed Design & Phase 3 Construct	Deferred to 2022-23 Project - included in Op Plan	Waiting on Transport for NSW work to be complete.	Infrastructure Manager
CTK-2021-002	Col Brown Rotary Park, Park Beautification	Complete		Principal Recreation Planner

### ***Cessnock Civic Precinct Revitalisation Program (RCC)***

Project ID	Project Name	Status	Comments	Responsible Officer
RCC-2022-001	Cessnock CBD - Civic Precinct Upgrade Stage 2 Library Shared Zone - Phase 2 Detailed Design, Phase 3 Construct	On Track	No response to RFQ for detailed design of Shared Zone. Laneway redesign completed. Final approval of design to be obtained.	Infrastructure Manager

## A Sustainable & Healthy Environment

### *Recreation Buildings Construction Program (CBR)*

Project ID	Project Name	Status	Comments	Responsible Officer
CBR-2020-001	Bridges Hill Park - Toilet Block	Complete		Principal Recreation Planner
CBR-2021-001	Miller Park - Amenities Building	Complete		Principal Recreation Planner
CBR-2021-013	Miller Park Third Wicket	Complete		Principal Recreation Planner

### *Drainage Construction Program (CDR)*

Project ID	Project Name	Status	Comments	Responsible Officer
CDR-2019-008	Kearsley Street, Aberdare Drainage upgrade - Phase 2 Detailed design - Phase 3 Construct	Complete		Infrastructure Manager
CDR-2020-007b	Cruickshank Street, Bellbird - Drainage upgrade Phase 2 Detail design	Not Progressing	Resource constraints impeding delivery	Infrastructure Manager
CDR-2022-001	Trenchard Street, Heddon Greta Drainage upgrade - Phase 2 Detailed design - Phase 3 Construct	On Track	Flood study being finalised. Multi year project.	Infrastructure Manager
CDR-2022-002	Northcote Street, Kurri Kurri - Phase 1 Investigation and design	Deferred to 2022-23 Project - included in Op Plan		Infrastructure Manager

Project ID	Project Name	Status	Comments	Responsible Officer
CDR-2022-003	Mansfield & Bell Streets, Greta - Phase 1 Investigate & Design	On Track	Multi year project	Infrastructure Manager
CDR-2022-004	Keelendi Street, Bellbird - Phase 1 Investigate & Design	Deferred to 2022-23 Project - included in Op Plan		Infrastructure Manager
CDR-2022-006	Whitburn & York Streets, Greta - Phase 1 Investigate & Design	On Track	Multi year project	Infrastructure Manager
CDR-2022-008	Various - Upgrade Minor Drainage Works - Phase 1 Investigate & Design - Phase 2 Detailed Design - Phase 3 Construct	On Track		Infrastructure Manager
CDR-2022-009	Various - Roadside Drainage Program	Deferred to 2022-23 Project - included in Op Plan		Infrastructure Manager
CDR-2022-010	Various - Drainage Asset Renewal	On Track		Infrastructure Manager

### ***Recreation Facilities Construction Program (CFR)***

Project ID	Project Name	Status	Comments	Responsible Officer
CFR-2020-006	Poppethead Park Kitchener - Masterplan implementation	Deferred to 2022-23 Project - included in Op Plan		Principal Recreation Planner



Project ID	Project Name	Status	Comments	Responsible Officer
CFR-2021-001b	East End Oval - Construction of a Retaining Wall Stage 2	Not Progressing	Works should commence in the fourth quarter, but likely to complete in 2023 financial year.	Principal Recreation Planner
CFR-2021-004	Carmichael Park Bellbird - Masterplan	Not Progressing	Carmichael Park Masterplan adopted - Awaiting for boundary adjustment to be finalised. Fencing works to commence once this is completed. Additional Carmichael Park masterplan works are progressing. New sporting facilities (4 bay cricket nets, multi purpose court and rebound wall) tender is going to Council in May 2022.	Principal Recreation Planner
CFR-2021-009	Crawfordville Community Hall, Millfield - Skate Park Stage 2 - Construction	Not Progressing	Works should commence in the fourth quarter but likely to be completed in the next financial year.	Principal Recreation Planner
CFR-2022-001	Various Parks - Installation of Bin Cabinets	Complete		Principal Recreation Planner
CFR-2022-002	Greta Central - Environmental Works	On Track	Works commenced. Signage and weed control currently being undertaken.	Principal Recreation Planner
CFR-2022-003	Ellalong Park - Pathway Connection	Complete		Principal Recreation Planner
CFR-2022-005	Playground Shade Program - Brunner Park (East Branxton)	On Track		Principal Recreation Planner
CFR-2022-007	Cessnock Regional Skate Park - Detailed Design (Subject to s7.11 funding approval)	On Track	Design to be finished by the end of the financial year.	Principal Recreation Planner
CFR-2022-008	Carmichael Park Bellbird - BMX Facility - Detailed Design	On Track	Designed due to be finished by the end of the financial year. Multi year project.	Principal Recreation Planner

### ***Waste Facilities Construction Program***

<b>Project ID</b>	<b>Project Name</b>	<b>Status</b>	<b>Comments</b>	<b>Responsible Officer</b>
CFW-2021-001b	Cessnock Waste Management Centre - Education and Administration Building - Construction	Deferred to 2022-23 Project - included in Op Plan		Environment and Waste Services Manager
CFW-2021-003a	Cessnock Waste Facility New Landfill Development - Design	Deferred to 2022-23 Project - included in Op Plan		Environment and Waste Services Manager
CFW-2021-005	Former Sanitary Depot Kurri Kurri - Stage 1 Remediation	On Track	Waiting for legal opinion on access.	Sustainability Officer
CFW-2021-006a	Cessnock Waste Management Centre - Remediation - Stage 1 Capping Design	Deferred to 2022-23 Project - included in Op Plan		Environment and Waste Services Manager

### ***Floodplain Management Program (PMF)***

<b>Project ID</b>	<b>Project Name</b>	<b>Status</b>	<b>Comments</b>	<b>Responsible Officer</b>
PMF-2021-003	Mount View Detention Basin - Improvements Phase 2 Detailed design Phase 3 Construction and Operational	On Track	Multi year project	Infrastructure Manager
PMF-2022-002	Heddon Greta - Flood mitigation, Phase 3 Construct	On Track	Study being finalised by consultant	Infrastructure Manager
PMF-2022-003	Black Creek, Restoration Plan Phase 1 Investigate & Design Strategies	Deferred to 2022-23 Project	Scope being determined with Hunter Water and Council	Infrastructure Manager

Project ID	Project Name	Status	Comments	Responsible Officer
		- included in Op Plan		
PMF-2022-004	Greta, Floodplain Risk Management Study & Plan	On Track	Funding agreement approved.	Infrastructure Manager
PMF-2022-005	Black Creek, Stage 2 Flood Risk Management Study & Plan	On Track	Funding agreement approved.	Infrastructure Manager
PMF-2022-006	South Cessnock, Flood mitigation, Stage 1 Bund Wall Phase 3 Construct	On Track	Design close to complete and community engagement plan under development	Infrastructure Manager
PMF-2022-007	Abermain & Weston, Flood mitigation, Phase 3 Construct	On Track	Multi year project	Infrastructure Manager
PMF-2022-008	Cessnock, Flood mitigation, Phase 3 Construct	On Track	Multi year project	Infrastructure Manager

### ***Recreation Facilities Renewal Program (RFR)***

Project ID	Project Name	Status	Comments	Responsible Officer
RFR-2022-001	Weston Bears - Replace Scoreboard	Complete		Principal Recreation Planner
RFR-2022-002	Greta Central Park - Floodlight Pole Replacement	On Track	Request for quotation being finalised.	Principal Recreation Planner
RFR-2022-003	Kurri Kurri Skate Park - Improvements from Skate Park Audit	Complete		Principal Recreation Planner
RFR-2022-004	Various Parks & Reserves - Asset Renewal - Park Furniture, Fencing, Signs	On Track		Principal Recreation Planner

Project ID	Project Name	Status	Comments	Responsible Officer
RFR-2022-005	Various Playgrounds - Install Concrete Plinths and Replace Safety Surfacing	Not Due To Start		Principal Recreation Planner

## Accessible Infrastructure, Services & Facilities

### Bridge Construction Program (CBS)

Project ID	Project Name	Status	Comments	Responsible Officer
CBS-2017-004	Yango Creek, Wollombi - Replace Bridge over Wollombi Brook - Phase 3 Construct	On Track	Mobilization to site expected 27/4/22. Management plans received. Permits to Enter received	Infrastructure Manager
CBS-2018-005	Kline Street, Weston - Replace Bridge -Phase 2 detailed design and Phase 3 Construct	On Track	RFT document completed. Advertise planned 12 April. Close 10 May. Investigations ongoing re; high voltage power line, relocation of low voltage power line, accurate location of 250 via water main.	Infrastructure Manager
CBS-2022-001	Cuneens Bridge, Wollombi - Phase 3 Demolition	Deferred to 2022-23 Project - included in Op Plan		Infrastructure Manager
CBS-2022-002	Watagan Creek #1 Laguna - Bridge Replacement - Phase 2 Detailed Design, Phase 3 Construct	On Track	Concept design nearing final completion. MOU with Upper Hunter - expect tender for D&C contract on 27/4/22.	Infrastructure Manager
CBS-2022-003	Westcott Street, Cessnock - Bridge Replacement - Phase 2 Detailed Design, Phase 3 Construct	On Track	Preliminary concept received. Reviewed and comments provided to Consultant. Tender under preparation for the detailed design and construction.	Infrastructure Manager

### ***Traffic Facilities Program (CFT)***

Project ID	Project Name	Status	Comments	Responsible Officer
CFT-2016-006b	Gallagher Street, Cessnock - Install traffic calming Phase 2 Detailed design Phase 3 Construct	Complete		Infrastructure Manager
CFT-2019-003b	Wollombi Road, Wollombi - Upgrade intersection Paynes Crossing Phase 3 Construct	On Track	Concept design draft completed and Heritage adviser comments forwarded to Terras. Next community consultation on last week of April. Multi-year project.	Infrastructure Manager
CFT-2021-006	Various Bus Stops - Upgrade Bus Stops for Disability Discrimination Act Compliance - Phase 1 Investigate & design, Phase 2 Detailed design and Phase 3 Construct	On Track	Ready to construct pending availability of Works & Ops Crew	Infrastructure Manager
CFT-2022-001	Mount View and McGrane Street, Cessnock- Pedestrian Refuge & Traffic Calming - Phase 2 Detailed design - Phase 3 Construct	On Track	Finalising design. Potential to deliver with Mt View Roads Road project.	Infrastructure Manager
CFT-2022-002	Kerlew Street and Occident Street, Nulkaba Phase 1 Investigation and design Phase 2 Detailed design Phase 3 Construct	Deferred to 2022-23 Project - included in Op Plan	Deferred as per April council report W119/2022	Infrastructure Manager
CSB-2022-001	Various Bus Stop Upgrades - Upgrades to Bus Stops & Shelters - Phase 1 Investigate & design - Phase 2 Detailed design - Phase 3 Construct	On Track	Ready to construct pending availability of Works & Ops team	Infrastructure Manager

Project ID	Project Name	Status	Comments	Responsible Officer
CSB-2022-002	Various, City Wide Bus Stop Connection Pathways - Phase 1 Investigation and Design, Phase 2 Detailed Design, Phase 3 Construct	Not Progressing	Duplicate project with CPW-2022-006	Infrastructure Manager

### ***Pathway Construction Program (CPW)***

Project ID	Project Name	Status	Comments	Responsible Officer
CPW-2018-005	Branxton to Greta Cycleway Phase 2 Detailed Design Phase 3 Construct	On Track	Extensive rain events over the last 4 weeks have impacted on the construction progress on Stage 2. The program will be delayed by 4 weeks and completion is expected to be at the mid of June.	Infrastructure Manager
CPW-2022-001	Millfield - Rose Hill Estate to Wollombi Road via Crawford Park - Phase 1 Investigate & Design, Phase 2 Detailed Design, Phase 3 Construct	On Track	Review and finalization of alignment through park in progress. RFT concrete works being prepared.	Infrastructure Manager
CPW-2022-002	Greta - Railway Station to High Street via Nelson Street - Phase 1 Investigate & Design, Phase 2 Detailed Design, Phase 3 Construct	On Track	Service locations and survey of these has been completed. A design brief has been issued for quotation. A detailed survey has been awarded and an REF report has been awarded. The local residents have been informed of the investigation works in progress via letter.	Infrastructure Manager
CPW-2022-003	Pelaw Main - Log of Knowledge Park to Neath Street - Phase 1 Investigate & Design, Phase 2 Detailed Design, Phase 3 Construct	On Track	Multi year project	Infrastructure Manager

### ***Local Road Construction Program (CRL)***

Project ID	Project Name	Status	Comments	Responsible Officer
CRL-2021-003	Kerlew Street, Nulkaba - Reconstruct Road Phase 1 Investigate and design Phase 2 Detailed design Phase 3 Construct	On Track	Procurements for Geotechnical investigation and Review of Environmental Factors have been let as of 4/4/22. Quote for civil design has been pending go ahead for Kerlew and Occident St Intersection so as to combine the two projects - however may need to be progressed due to delays on the intersection	Infrastructure Manager

### ***Safer Roads Program (CRR)***

Project ID	Project Name	Status	Comments	Responsible Officer
CRR-2020-002	George Downes Drive Bucketty	On Track	Heritage issues being investigated.	Infrastructure Manager
CRR-2021-006	Oakey Creek Rd, Cessnock - Road shoulders, flexible barriers, rumble strips, and reflective signage Phase 2 Detailed design Phase 3 Construct	On Track	Site preparation works have started.	Infrastructure Manager

### ***Pre-Construction Design Program***

Project ID	Project Name	Status	Comments	Responsible Officer
DCP-2022-001	Infrastructure - Pre-Construction Design	On Track		Infrastructure Manager



Project ID	Project Name	Status	Comments	Responsible Officer
DCP-2022-002	Open Space & Community Facilities - Pre-Construction Design	On Track		Principal Recreation Planner

### ***Airport Construction Program***

Project ID	Project Name	Status	Comments	Responsible Officer
PCA-2019-003	Cessnock Airport - Sewer and water connection to the western side of the airport (and storm water drainage)	Complete		Infrastructure Manager
PCA-2020-000	Cessnock Airport - Project Management	On track	Multi-year project.	Infrastructure Manager
PCA-2020-007	Cessnock Airport - Install non precision GPS (RNAV) approaches for RWY 17/35	On track	Multi-year project.	Infrastructure Manager
PCA-2020-009a	Cessnock Airport - Eastern terminal upgrade design	On Track	Eastern terminal building works plan finalized - DA application submitted	Infrastructure Manager
PCA-2020-010	Cessnock Airport - Runway Lighting	On Track	Multi-year project.	Infrastructure Manager
PCA-2021-011	Cessnock Airport - Contingency	On Track	Works ongoing with progress being halted at times due to the excessive wet weather. Runway works changed from SMA to stabilized subbase and seal due to condition of material under the runway being unsuitable for excessively heavy vehicles. RNAV on track - with CASA for review Eastern terminal building works plan finalized - DA application submitted - potential tender date for works 30 July 2022	Airport Operations Coordinator

### ***Airport Renewal Program***

Project ID	Project Name	Status	Comments	Responsible Officer
PRA-2020-006	Cessnock Airport - Aircraft parking areas, Runway rehabilitation including repairs and asphalt overlay and runway extension, Taxiway widening, surface upgrade and improved fuel area access.	On Track	Works underway	Infrastructure Manager

### ***Gravel Rehab & Resheeting Program***

Project ID	Project Name	Status	Comments	Responsible Officer
RRG-2021-001	Gravel Rehab & Resheeting Program - Various	Complete		Works Engineer

### ***Local Road Renewal Program (RRL)***

Project ID	Project Name	Status	Comments	Responsible Officer
RRL-2018-010	Mount View Rd, Cessnock - From Barrett to Links - Phase 1 Investigation & Design, Phase 2 Detailed design and Phase 3 Construction	On Track	Design currently out for tender	Infrastructure Manager
RRL-2019-011	Henderson Street, Cessnock - Rehabilitation Phase 2 Detailed design Phase 3 Construct	On Track	Contractor being engaged to undertake work	Infrastructure Manager
RRL-2019-013	Marlton St Cessnock, Rehabilitation Phase 2 Detailed Design Phase 3 Construct	On Track	Contractor being engaged to undertake work	Infrastructure Manager

Project ID	Project Name	Status	Comments	Responsible Officer
RRL-2020-005	Aberdare St, Kitchener - Renew Stage 2 from from Abermain to Abernethy - Phase 2 Detailed design and Phase 3 Construct	Deferred to 2022-23 Project - included in Op Plan		Infrastructure Manager
RRL-2020-011	Quorrobolong Road, Kitchener - from Stanford Street north to CH2830 Phase 2 Detailed design Phase 3 Construct	On Track	Final design in progress by Design Engineer, Alyssa Salamon. Additional Geotech investigations to be done to confirm pavement on widening area.	Infrastructure Manager
RRL-2021-006	Sandy Creek Rd, Quorrobolong - Renew road from Bridge to CH800 -Phase 2 Detailed design and Phase 3 Construct	On Track	Multi year project	Infrastructure Manager
RRL-2021-007	Shedden St, Cessnock - Renew from Mount View to Florence - Phase 2 Detailed design and Phase 3 Construct	On Track	Multi-year project	Infrastructure Manager
RRL-2021-009	Mitchell Ave, Kurri Kurri - Renew road from Government Road to Northcote - Phase 2 Detailed design and Phase 3 Construct	On Track	Construction is in the finals stage. Final sealing scheduled for mid May	Infrastructure Manager
RRL-2021-011	Cessnock Road, Weston - Pavement Rehabilitation from Station Street, 900m towards First Street Phase 2 Detailed design Phase 3 Construct	On Track	Preliminary design completed by BRS. Site walkover with CCC Works and Operations team completed. Final design is in progress. Schedule to start work on July 2022.	Infrastructure Manager
RRL-2021-012	Old Maitland Road, Sawyers Gully - Sealing unsealed section fo road at the northern end of Old Maitland Road Phase 1 Investigate & design, Phase 2 Detailed Design, Phase 3 Construct	Deferred to 2022-23 Project - included in Op Plan	Refer to April council report WI20/2022	Infrastructure Manager

Project ID	Project Name	Status	Comments	Responsible Officer
RRL-2022-001	Various - Resurface Local Roads	On Track	90% complete with remainder of works on hold until resources undertaking natural disaster works are available.	Infrastructure Manager
RRL-2022-002	Various - Renew car parks - Phase 2 Detailed design - Construct	Deferred to 2022-23 Project - included in Op Plan		Infrastructure Manager
RRL-2022-004	Deasy's Road, Pokolbin - Renew Road Stage 2 - Phase 2 Detailed Design, Phase 3 Construct	Deferred to 2022-23 Project - included in Op Plan	Designs complete and awaiting construction (weather dependent)	Infrastructure Manager

### ***Regional Road Renewal Program (RRR)***

Project ID	Project Name	Status	Comments	Responsible Officer
RRR-2022-001	Various - Resurface Regional Roads	Complete		Infrastructure Manager
RRR-2022-002	Great North Road MR 181 - Slope Stabilisation Phase 1 Investigate & Design Phase 2 Detailed Design Phase 3 Construct	On Track	Slope stability risk analysis complete and report received. Brief for design in preparation. Multi year project.	Infrastructure Manager
RRR-2022-003	Great North Road - Ramsays Leap Slope Stabilisation Phase 2 Detailed Design, Phase 3 Construct	On Track	Tender for vegetation removal closed and preferred Contractor selected. LOA to be issued subject to receiving consent from adjoining property owner. Works to be under taken next FY.	Infrastructure Manager

Project ID	Project Name	Status	Comments	Responsible Officer
RRR-2022-004	Wollombi Road, Millfield - Renew road Stage 7.2 from Hayes Road 1269m towards Cedar Creek Road Millfield - Phase 1 Investigate & design, Phase 2 Detailed design and Phase 3 Construct	Deferred to 2022-23 Project - included in Op Plan	Works delayed due to natural disaster.	Infrastructure Manager