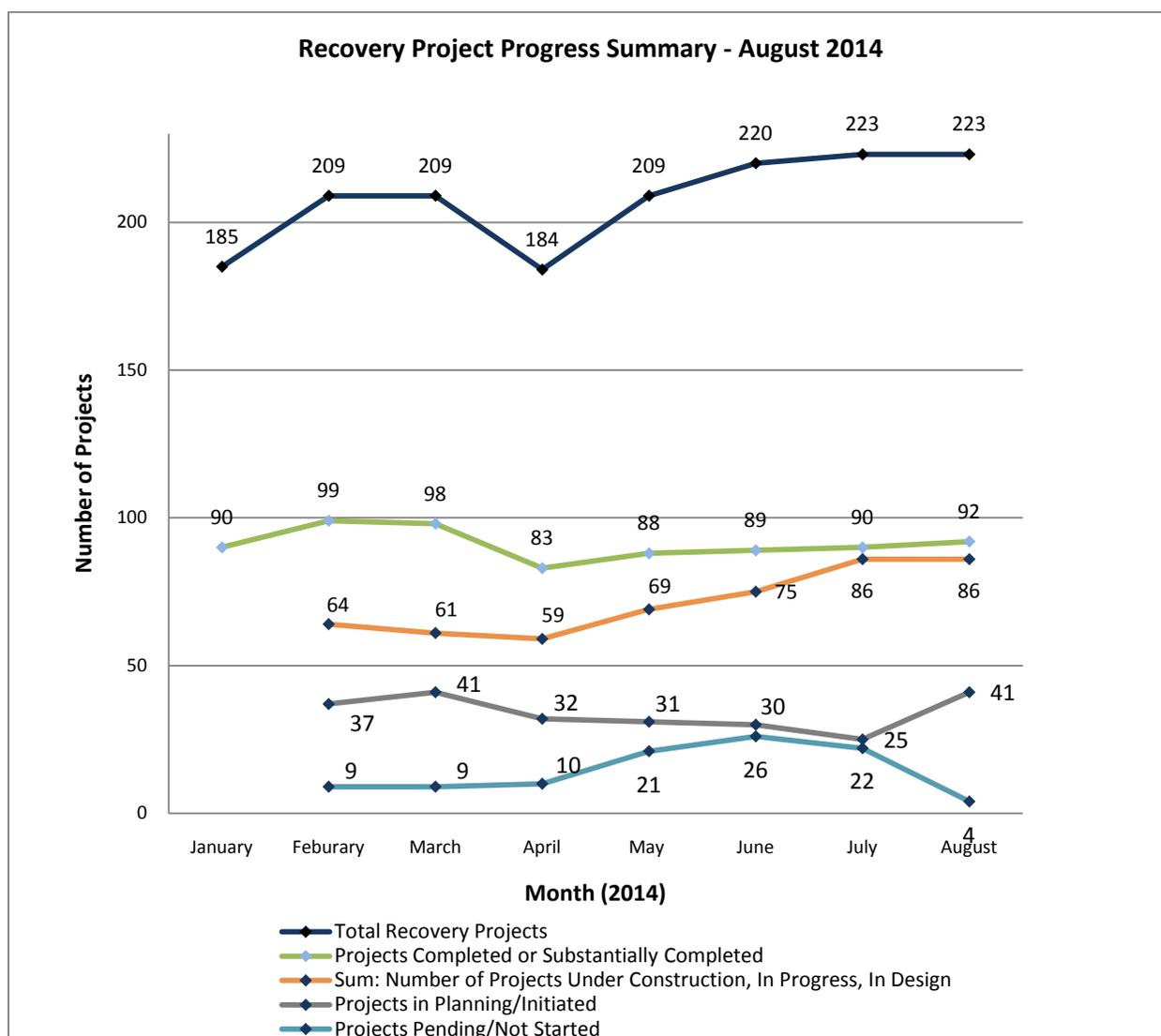


Municipal Infrastructure Recovery Program Progress Summary – August 2014

Municipal infrastructure was severely impacted by the flood event of June 2013. Damage to transportation infrastructure, City buildings & facilities, parks & pathways, telecommunications & information technology, vehicles & utility infrastructure was recorded.

A total of 223 projects involving repairs or restoration have been identified and are being monitored. Also included are projects that address riverbank erosion.

While much work remains, significant progress has been made. The graph below shows month by month breakdown by project status of the 223 projects as of August 31, 2014. There is variance from month to month in numbers as a result of consolidation of projects and breaking larger projects into smaller initiatives to optimize work and financial submissions to the provincial Disaster Recovery Program (DRP).



Municipal Infrastructure Recovery Program Progress Summary – August 2014

The following table was presented in a previous report and it provides a *sample* of projects by reported status. The table below is an updated version. All recovery projects may be viewed on the Interactive Map that is available on **calgary.ca**. It is updated on a monthly basis with brief status information on all recovery projects.

The url for this site is: http://www.calgary.ca/_layouts/cocis/calgarymap/calgarymap.aspx.

Project Status	Status Definition	Projects
Complete	Project complete; fully restored to pre-disaster condition	25 th Avenue/Scollen Bridge roadway repairs Alberta Trade Centre Building repairs Boat Launch repairs Communications Network Restoration Erlton Road at 25 th Avenue Roadway Macleod Trail South 25 th Avenue to Victoria Bridge Repairs Old City Hall repairs Parks (Baker Park, Bridgeland Tennis Courts, Edison Park, Griffith Woods Washrooms, Col. Walker House at Inglewood Bird Sanctuary, Douglasdale Park) Pathway Sections (e.g. Glenmore Tr /Heritage Dr area, Riverdale Ave area) Traffic Sign Replacement and Lane Marking Work Underwater Bridge Inspections
Substantially Complete	Major functionality restored but significant work remaining to fully restore to pre-disaster condition	Administration Building repairs Calgary Zoo Buildings Civic Plaza and McDougal Parkade repairs Critical Erosion Sites (Douglasdale, Diamond Cove, Memorial Dr/19 Street) Erlton/Victoria Park LRT Stations Heritage Drive Roadway Reconstruction Municipal Building repairs Parks (Carburn Park, Laycock Park, Poppy Plaza, Prince's Island Buildings and Ped Bridges, Sue Higgins Park) Victoria Park Transit Garage repairs
Under Construction	Repairs or reconstruction underway	Bonnybrook Waste Water Treatment Plant repairs Bowness Park restoration Central Calgary Public Library restoration Critical Erosion Sites (Home Road, Inglewood, Memorial Drive/Sunnyside) Elbow River Pedestrian Bridges (Sandy Beach,

Municipal Infrastructure Recovery Program Progress Summary – August 2014

Project Status	Status Definition	Projects
		Riverdale/Sifton, Rideau Park) High Priority Erosion Sites (27) Pathway Sections (e.g. Douglasdale/Fish Creek Park area, Elbow River 9 Ave to 25 Ave area, Bowness Park/East of 85St area, Sue Higgins Park/Southland Drive area) Lift Stations Pedestrian Bridge Replacement (Sandy Beach, Riverdale-Sifton, Rideau Park) Stanley Park Outdoor Pool repairs Talisman Centre
In Progress	Indicates recovery work underway for non-construction projects	Bridge Remediation Calgary Zoo Cleanup Communication and Network Hardware Replacement Fleet replacement (damaged vehicles) Parks Restoration (e.g. Stanley Park, Sandy Beach) Pathway Sections (e.g. Alyth Bridge/Ogden Road, Zoo Bridge Underpass) Prince's Island Park restoration South LRT Corridor repairs
In Design/Tendered	Design or tendering for infrastructure recovery underway	Boat Launches (Quarry Park and Shouldice) Parks Restoration (e.g. Beaverdam Flats, Nose Creek Confluence, Weaselhead) Pathway Sections (e.g. East Bowness Train Bridge Catwalk, 16Ave NW to Hextall Bridge) Replacement Boat Launches (Quarry Park, Shouldice) Storm Water Outfall repairs
Planning/Initiated	Project planning underway	Administration Building Basement restoration Alberta Trade Centre Building Basement restoration Maple Ridge and Shaganappi Pump House repairs Parks Restoration (e.g. 12 Mile Coulee, Bowmont, Inglewood Bird Sanctuary) Pathways (e.g. Douglasdale/Enmax Sub Station, Refinery Park, Scollen Bridge Park) Shouldice Artificial Field restoration
Pending/Not Started	Project awaiting approval to proceed	Heritage Drive Top Lift Paving (2015) Moderate Priority Erosion Sites (21) Pathways (Deane House Pathway)

Municipal Infrastructure Recovery Program Progress Summary – August 2014

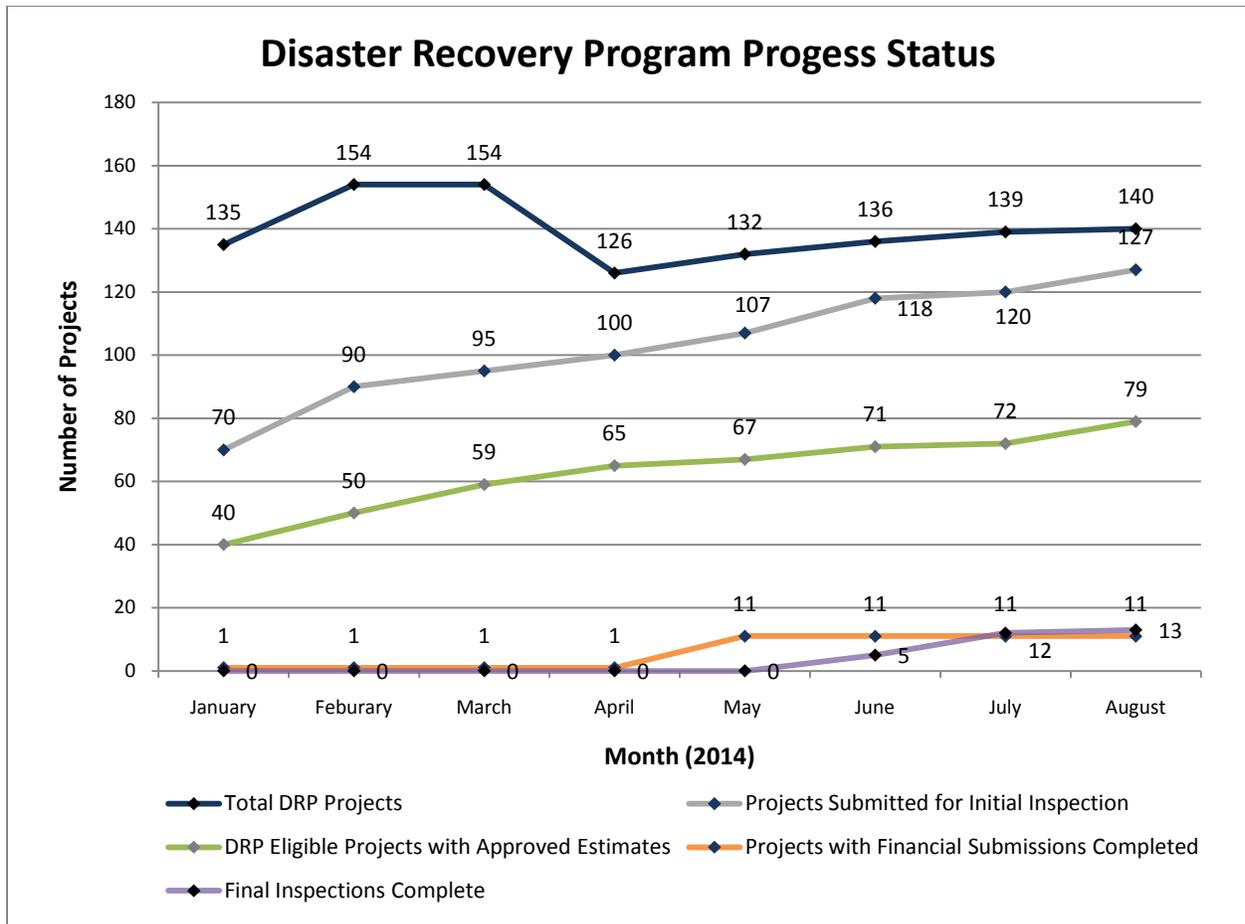
From a cost management perspective, while there is some variance at the individual project level, the Municipal Infrastructure Recovery program continues to see actual costs within the approved program budget. Please refer to Attachment 5 for additional information on the capital budget and actual costs for the Municipal Infrastructure Recovery program.

Work continues with the province and insurers to obtain reimbursement of costs incurred to repair damaged infrastructure. There are two major provincial programs available to fund infrastructure recovery projects: the Disaster Recovery Program (DRP) and the Flood Recovery Erosion Control (FREC) program. Both have specific requirements and a defined process to follow to receive either reimbursement of costs (DRP) or a grant (FREC).

Initial steps of the DRP process are underway. Inspections are required, at minimum, at the start and completion of every project. Efforts to expedite the inspection process have been jointly taken by The City and LandLink. Financial Submission for reimbursement is done upon completion of the project and all inspections.

The chart that follows shows progress being made with the provincial Disaster Recovery Program. As of the time writing this report there are 140 projects that are being processed through the DRP.

Municipal Infrastructure Recovery Program Progress Summary – August 2014



The total number of projects does vary from month to month due to consolidation of projects and efforts to ensure alignment between projects completed and financial submissions for reimbursement.

There is an overall trend upwards in all the lines which indicates progress in processing projects through the Disaster Recovery Program. There is more documentation to be reviewed by The Province as part of the Initial Inspection process to approve reimbursement of costs incurred by projects. The City is just beginning to complete the final steps in the process for some projects (i.e. Final Inspection and Financial Submission for Reimbursement).

From a FREC program perspective, tracking of costs and periodic reporting is required as a condition of receiving grants.

In summary, despite only having a partial 2013 construction season and the 2014 construction season getting a late start due to poor weather conditions, steady progress is being made in repairing and replacing municipal infrastructure damaged during the flood. Considerable work remains to fully restore municipal infrastructure damaged during the flood event.

Municipal Infrastructure Recovery Program Progress Summary – August 2014

Focus must be maintained on efforts to prepare and submit eligible project costs to provincial programs and insurers in order to recover costs. The cost recovery efforts are particularly important to ensure that funding is not jeopardized. A third party consultant has been engaged to ensure appropriate oversight is in place to mitigate financial risk. The consultant costs are recoverable through a provincial grant program.