

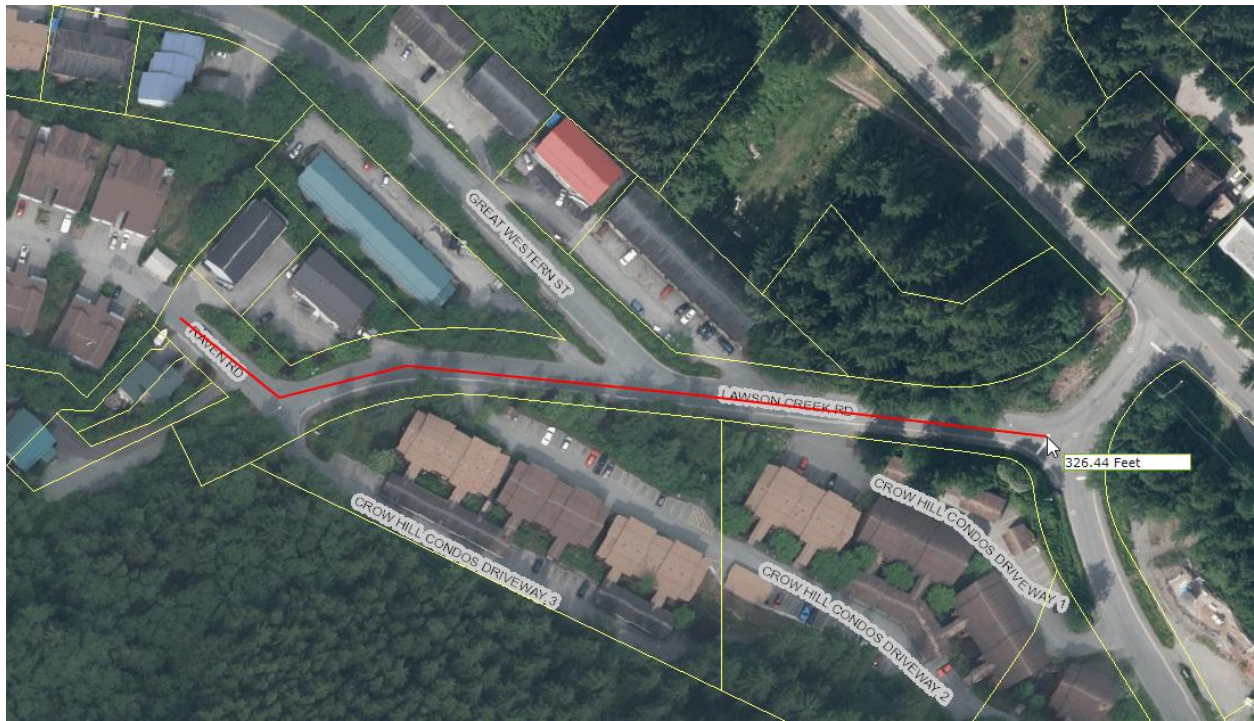
Crow Hill Surfacing and Utility Rehab: Lawson Creek Road – CIP R72-162

Transfer Request: \$845K - Amount after transfer \$2.04M

This project will rebuild Lawson Creek Road from the intersection of Crow Hill Drive up to the public end of Raven Road, approximately 850 feet. The water system was found to be in worse condition than anticipated during the Crow Hill Road reconstruction project during the summer of 2023, prompting the urgency to rebuild the water system in Lawson Creek Road prior to catastrophic failure. The work on Lawson Creek Roadway will include replacing water and storm drainage systems, road base, pavement, curb, gutter and sidewalk, minor improvements to the sanitary sewer system and upgrade the existing streetlights to LED.

The work is currently being designed. Construction bids are anticipated to be advertised in early March, for summer 2024 construction.

The estimated project cost is \$1.61 million. The additional funds after transfer are to cover the remaining work to be completed on the Crow Hill Road construction project.



Lawson Creek Road – CBJ Parcel Viewer

Dogwood Lane – R72-167

Transfer request: \$1.505M – amount after Transfer \$3.167M

This project will reconstruct the next segment of Dogwood Lane from Mendenhall Boulevard to Taku Boulevard – 1150 feet. The water system (constructed in 1970's and early 80's), sewer system (1970's) are at least 40 years old, far beyond their design life and require replacement. The pavement on the roadway and minimal storm drain piping are failing, requiring significant maintenance to keep functioning. The work on the project will include replacing water, sanitary sewer and storm drainage systems, road base, pavement, and curb and gutter, and upgrade the existing streetlights to LED. The work is currently being designed. Construction bids are anticipated to be advertised in early March, for summer 2024 construction.

The estimated project cost is \$2.97 million. The additional funds after transfer are to cover the extra work for first phase of Dogwood, from Columbia to Mendenhall, being constructed in Spring 2024.



Dogwood Lane – CBJ Parcel Viewer

W 10th, F, W 8th Streets Reconstruction – CIP R72-169
Transfer Amount \$1.42M, amount after Transfer \$2.84M

This project was funded for only drainage investigation and design in the FY24 CIP due to lack of funding to cover the full project. The full project is to reconstruct the roadways and address aging drainage infrastructure that runs through private property before draining into the channel. The project will change the drainage collection system to be fully located within the CBJ streets and connect to CBJs drainage system in Willoughby Avenue. The water and sewer systems are outdated and require replacements. The road base, pavement, curb gutter and sidewalk will be replaced. The streetlights will be upgraded to LED. The project is broken into phases to adapt to available funding. The first phase is to reconstruct W 10th Street. The next phase (pending funding availability) would complete the project - reconstructing W 8th Street and F Street. This transfer would provide funding to construct 10th Street phase, currently being designed. Construction bids are anticipated to be advertised in early March, for summer 2024 construction.

The W 10th Street project is estimated to cost \$2.7 million. The additional funds after transfer in the account are to cover the design of the next phase of the project so it is ready to bid for the 2025 construction season.



W 10th, F and W 8th Streets- CBJ Parcel Viewer

Pavement Management – CIP R72-176

Transfer Request \$500k - amount after transfer \$591K

The Pavement Management Program rehabilitates failing roadway surfaces to reduce maintenance. The work typically consists of removing the asphalt surface, improving the road base and repaving the roadway. This transfer will allow for repaving more failing roadways during the summer of 2024, to begin chipping away at the backlog of failing paved streets. The following roadway segments are intended to be accomplished with this fund transfer:

- S bound lane of Riverside from Stephen Richards to Park Place
- Portions of 5th Street Douglas and distressed sections up in Linellen Heights
- Sesame Street from Aspen to Birch
- 2 portions of Alder Street

Collection System Improvements – CIP U76-127

Transfer Request: \$296K – amount after transfer \$915k

The Collection System Improvements CIP is used to complete small, stand-alone projects on the wastewater collection system that reduce maintenance for the Collections team. These projects include repairing or replacing bad segments of pipe (pipes that back up, groundwater infiltration, broken pipes etc.), repairing sewer manholes or replacing them, repairing sewer cleanouts etc. This transfer request will provide funding to repair a failing manhole and pipe segment in Cedar court, repair the failing sewer mainline in south 5th Street Douglas (unpaved segment), repair manholes in conflict with the proposed ADOT roundabout project at Loop Road and Mendenhall/Valley Boulevard.

Estimated project costs: Greater than \$915k – will continue to make the highest priority repairs with available funding.

Cope Park Water Pump Station Reconstruction – CIP W75-070

Transfer Request: \$864k – amount after transfer \$1.768M

The additional funding requested for this project is to account for construction cost escalation since the appropriation of the funds for the project in FY23 and to account for the need to replace the building which was constructed in the 1950's. The pumps and controls are old and outdated, with limited capabilities, and are high maintenance to keep operational because of wear and age. The building does not meet current national electrical or OSHA code clearance requirements which must be met for the a rebuild or retrofit of the pump station. The location, directly between Cope Park Road and Gold Creek, does not allow an addition to meet need space for the code required clearances.

The new pumps will be updated to 480 Volts (from 240V) and installed with variable frequency drives (vfds) to allow the pumps to operate at the speed necessary to match the water demands, instead of being full on or off (pumping against a flow control valve) as the current pumps operate. This will provide more energy efficient operation to match the pump speed with water demands. The new pumps and controls will be able to be operated and monitored remotely through the Water SCADA system, providing operators more information remotely, making their operations more efficient, which the current pumps and controls are unable to. The project is currently nearing the completion of design with anticipated construction bid advertisement in April and construction occurring in fall of 2024 or summer of 2025 depending on the lead times of the equipment.

Estimated project costs \$1.77 million.



Cope Park Water Pump Station - Google Streetview

Glacier Highway/Lena Loop Water Replacement – CIP W75-069

Transfer Request: \$1.204M - amount after transfer \$1.497M

This project will replace an 1150' segment of waterline along Glacier Hwy just north of the south Lena Loop entrance. This pipe has had numerous breaks in it over the past 5 years. The pipe has been found to be in very bad condition during the repairs leading to the urgency.

Estimated project costs: \$1.3 Million

The remainder of the funds will be used to begin investigation and design of another pipe segment found to be in similar condition on Lena Loop Road, near Towers Road. This segment of pipe broke and was repaired in December and will need immediate attention - as soon as funding can be identified.



Failed water pipe from Lena Loop – CBJ Water Utility Staff photo