

| FY 2018 CIP PROJECT DESCRIPTIONS | | | |
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| Department | Division | Priority | Project Description |
| Administration | Manager's Office | 1 | INFOR/LAWSON & OTHER MIS SOFTWARE UPDATES - Necessary updates & upgrades to the City's financial & information management system. |
| | | 2 | IT SOFTWARE UPDATES & UPGRADES - Provide funding for the updates and upgrades to the CBJ operational software. |
| | | 3 | VEHICLE & EQUIPMENT WASH BAYS PLANNING & DESIGN - This project will construct environmentally friendly wash bays for all CBJ vehicles and equipment to be washed. There is currently no specific location for departments to wash and care for the vehicle and equipment that CBJ has spent millions of dollars purchasing. It is imperative this equipment be cleaned and cared for to prevent corrosion and premature failures. This facility will not only provide a needed location to clean equipment but will also provide a wash facility that will contain the run off from such activity. |
| | | 4 | CAPITOL PLAZA PLANNING - Evaluate the impacts of removing traffic from downtown Fourth Street in front of the Capitol Building, between Seward and Main Street, to create a pedestrian only plaza in that block. |
| | | 5 | BONDED DEBT SERVICE - These funds will be used for bond debt repayment. |
| | | 6 | BUDGET RESERVE - These funds will be used to increase the City's budget reserve. |
| Mayor & Assembly | | 1 | WILLOUGHBY ARTS CENTER - Provide supplemental/match funding for the new Willoughby Arts Center. |
| Airport | | 1 | SREF MATCH - Phase I-a will construct a heated garage of approximately 37,000 sf for the Airport's snow removal equipment in accordance with Federal Aviation Administration (FAA) requirements. The FAA will fund 93.75% of eligible costs; a local match is required to fund the remaining 6.25%. Phase 1-b is not eligible for FAA funding. It includes critical vehicle maintenance and operational components that will be constructed from existing funds. Future phases will be added as funding becomes available. The non-FAA-eligible portion of the building is approximately 17,500 s.f. |
| | | 2 | RSA (PH 12) CONSTRUCT NE/NW AREAS - This project is a continuation of the RSA series of projects to construct aircraft parking in the NE Development Area and the NW Development area. These areas were filled during previous phases of the RSA projects. This phase would provide the additional construction of the aprons and utilities in these public areas. |
| | | 3 | DESIGN TAXIWAY A AND E-1 REHAB - The main taxiway to access the runway is scheduled for rehabilitation. This taxiway was heavily used during the runway rehabilitation project which had all aircraft landing on the taxiway while the runway was under construction. Several areas are starting to fail as well as cracking too wide for traditional sealant repair. Small taxiways (intersection) are also in need of repair as well as correction to their geometry to meet FAA specifications. The rehabilitation of the taxiways is scheduled to start in 2018. |

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| | | 4 | FLOAT POND IMPROVEMENTS SOUTH ROAD/INLET VALVE/BANK STABILIZATION - The Airport is in need of replacing the water inlet/outlet valve to control levels in the Aircraft Float pond, as well as provide bank stabilization to the south float pond road. Wind and waves continuously deteriorate the south embankment and the south docks. The valve is old and in danger of failing (draining) in the near future. The FAA would like the Airport to move this up on the priority for Airport CIP |
| | | 5 | PASSENGER BOARDING BRIDGE GATE 2 - As air carriers transition from combi aircraft (aircraft service both passengers and freight configuration) to full passenger configuration, there is a need for another passenger boarding bridge (jetway). At this time, full passenger configured aircraft that utilize Gate 2 must board their passenger by going down the stairs, walk across the ramp, and back up the aircraft aft stairs. |
| | | 6 | TERMINAL CAMERA SURVEILLANCE SYSTEM DESIGN & INSTALL - This would be an upgrade to current camera system as well as additional recording devices. |
| | | 7 | EXIT LANE IMPROVEMENTS DESIGN & INSTALL - The airport is in need of a new security exit lane which would allow one-way flow of passengers out of the departure lounge. |
| | | 8 | 23 MALSR - The Airport currently has an abbreviated MALS system on the Runway 26 approach which goes out to the 800' station. Installing the remaining system out to 2400' on the approach would decrease the minimums for instrument equipped airlines to approximately one-half mile, thus increasing safety and efficiency into JNU. |
| | | 9 | SPACE RECONVIG (OLD DINING ROOM/KITCHEN) TENANTS & ADMIN - This construction project will reconfigure the old abandoned restaurant kitchen and dining areas into office spaces for airport business and construction projects personal. Also included will be the construction of storage space for food and gift shop concessionaires, additional tenant office lease space, and a new public meeting room. |
| | | 10 | FIRST FLOOR MENS RESTROOM RENOVATION - This construction project will to replace worn out finishes that have reached the end of their useful life including ceramic tile flooring throughout, ceramic wall tile and countertop at the lavatory area. New sinks and toilet/urinal partitions will be installed. The existing toilet, urinals and toilet accessories will be salvaged and reused. |
| | | 11 | TERMINAL EAST END DOORS / VESTIBULE - The first floor east end sliding door at the Baggage Claim area is locked out of operation during the fall and winter months due to its severe southeast wind and rain exposure. Frequent water intrusion at the jamb/sill of this door opening has caused damage. This construction project will remove the sliding door assembly and replace the opening with wall infill to match the adjacent construction. |

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| BRH | | 1 | MUNICIPAL ROAD REPLACEMENT (NORTH) - Repair and reconstruct existing campus roadway that are deteriorating. |
| | | 2 | PARKING RAMP (200 SPACES) - Enhance parking on the BRH campus. |
| | | 3 | REMODEL EMERGENCY DEPARTMENT - Evaluate and plan for the remodel of the Emergency Department. |
| | | 4 | DETOX BAY AT RAINFOREST RECOVERY CENTER - Evaluate and plan for detox facility within Rainforest. A center that will provide on sight detoxification and single point of entry for assessment and treatment. |
| | | 5 | OPERATING ROOM RENOVATION - Evaluate and plan for the renovation of the Operating Rooms. |
| | | 6 | INFORMATION SERVICES FACILITY WITH GENERATOR - Bartlett's Information Technology Department and its I.T. infra-structure must be relocated to a new facility to provide the needed redundancy, security, environmental safeguards and additional work space. |
| | | 7 | RRC AND BOPS REPLACEMENT - Scope of work and budget to be determined. |
| | | 8 | REMODEL LABORATORY (5000 SQ. FT.) - Scope of work and budget to be determined. |
| Docks & Harbors | | 1 | VISITOR INFORMATION KIOSK REPLACEMENT - DESIGN - The visitor information kiosk serves cruise ship passengers needing information about Juneau. It is located in a strategic location near one of the two city owned docks that support the cruise industry. The current kiosk has exceeded its design life. The facility does not meet ADA standards, has inadequate heating, and does not provide adequate shelter for patrons. This request would provide funding for planning, design, and cost estimate for a new kiosk facility. Once costs are known it is anticipated a future funding request would be made for construction. |
| | | 2 | CRUISE SHIP UPLANDS STAGING AREA - This project would be located in the downtown area near the cruise ship dock, an area that serves over one million cruise ship passengers each year. The project entails identifying and procurement of available downtown lands necessary to accommodate additional staging areas required to accommodate the larger post-Panamax sized cruise ships and greater passenger counts. |
| | | 3 | DOWNTOWN RESTROOMS - PARTIAL FUNDING TO LOCATE/DESIGN - This funding would begin the design phase of the project. This project has been brought forward at the request of the Assembly to address the lack of adequate restroom facilities in the downtown waterfront area. |
| | | 4 | STATTER HARBOR BREAKWATER SAFETY IMPROVEMENTS - to infill the open areas of the breakwater structure with fiberglass reinforced plastic grates that would close the open cells to allow pedestrian traffic yet allow the structure to adequately provide wave reduction to the overall harbor. |

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| | | 5 | TAKU HARBOR DEFERRED MAINTENANCE - to de-water and re-drive several piles that have become out of alignment. Re-install steel pile caps and weld to form seal that deflects rainwater from entering the pile pipe. |
| | | 6 | ADFG GRANT - AMALGA HARBOR FISH CLEANING FLOAT - to design and construct an additional float to the existing loading float system to provide greater launch potential at low tides and to provide fish cleaning tables at the end of the loading float system. |
| | | 7 | AUKE BAY PASSENGER FOR HIRE FACILITY - this project includes installation of a boarding float, gangway, and passenger loading zone to serve cruise ship passengers connecting with whale watching and fish charter operators. |
| Eaglecrest | | 1 | <p>DEFERRED MAINTENANCE - LIFT/MOUNTAIN OPERATIONS IMPROVEMENTS - which include the following projects:</p> <p>Mountain Operations – Hiking Trails – The Master Plan outlines hiking trails/multi-use trails as a top priority for the future of Eaglecrest. We will continue a multi-year plan to create more hiking/multi-use trails within the CBJ/Eaglecrest Boundary. (\$15,000)</p> <p>Mountain Operations -- Trail Maintenance -- The trail network at Eaglecrest was overgrown after many years of little annual maintenance. We have begun a program of yearly maintenance to reclaim the ski trail network enabling Eaglecrest to open as early as possible with the safest conditions possible. This will include cutting and trimming by hand all trails at Eaglecrest on a rotating basis. (\$30,000)</p> <p>Mountain Operations – Snowmaking & Water Line Replacement/Improvement - We will begin multi-year plan to repair/replace the current snowmaking system and increase snowmaking coverage of the lower mountain. This snowmaking will allow Eaglecrest to better handle low snow years and open as early as possible. In addition the snowmaking lines feed the hydroelectric system which significantly lowers our electric usage annually. The pipeline from Cropley Lake is showing increasing signs of decay and patching and welding is becoming less effective. The plan calls for replacement with new pipe in sections over the next few years. (\$40,000)</p> <p>Lift Operations - The Ptarmigan Summit Ramp - As one of the oldest pieces of infrastructure at Eaglecrest the Ptarmigan ramp is showing signs of age and has begun shifting. In order to secure the long term operation of the Ptarmigan Chair Lift we need to replace the ramp with an earthen structure which will ensure its operation for the long term. This is a two year project with funding in FY17 & FY18. (\$75,000)</p> |
| Fire Department | | 1 | DOWNTOWN FIRE STATION ROOF REPLACEMENT - Juneau Station engine bay roof is rotting and in danger of blowing off in a wind storm. It is in place due to the rubber membrane. |

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| Lands & Resources | | 1 | STABLER QUARRY INFRASTRUCTURE AND EXPANSION - This project will work towards updating infrastructure and expanding the permitted area of the Stabler Point Rock Quarry. |
| Parks & Rec | Bldg Maintenance | 1 | DEFERRED BUILDING MAINTENANCE - Funds are for on-going capital funded projects to repair CBJ buildings. Reduce maintenance costs and enhance building components by correcting a backlog of problems that have surfaced from aging of buildings. |
| | Rec Buildings | 1 | TREADWELL ARENA PARKING LOT LIGHTING - Current lighting is inadequate in some areas of the parking lot, and in other areas of the parking lot no lighting exists, which is a safety hazard for users who are walking between their cars and the facility. |
| | Parks/Rec Areas | 1 | PARK AND PLAYGROUND REPAIRS-DEFERRED MAINTENANCE - This CIP funds repairs to park facilities throughout Juneau, including replacement of playground equipment that has outlived its useful life. Many of Juneau's playgrounds are more than 25 years old. Due to their age, these playgrounds do not comply with modern safety standards or the Americans with Disabilities Act. |
| | | 2 | SPORTS FIELD RESURFACING & REPAIRS - This CIP funds repairs and replacement of sports fields throughout Juneau, including softball, baseball, soccer, and football fields. Sports fields require repair and replacement as surfacing is worn away and drainage problems develop. If fields surfaces are not properly maintained, adult and student athletes will suffer injuries and Juneau will not be eligible to host tournaments. High-priority projects include resurfacing Melvin Park Field #1 and Adair-Kennedy Field #1, as well fence repairs. |
| | | 3 | HUT TO HUT - Funds to be used for a cooperative project with the U.S. Forest Service to plan, permit and determine governance of a hut-to-hut system within the CBJ. |
| | | 4 | TWIN LAKE PARK AND ADA REPAIRS - Project includes shoring up the foundation for the fishing pier, trail and asphalt repairs and lighting upgrades. |
| | Trail Maintenance | 1 | KAX TRAIL BRIDGE RIVER BANK STABILIZATION - Realign the portion of the Kax trail near Brotherhood Bridge that currently runs along the edge of the Mendenhall River and is sloughing into the river because the meandering river is undercutting the bank under the trail. |

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| Public Works and Engineering Department | | | |
| | Capital Transit | 1 | BUS SHELTERS/INTERIM VALLEY TRANSIT CENTER IMPROVEMENTS - Add three new bus shelters, one on the North side of Back Loop Rd at the Glacier spur Rd, one on Glacier Hwy at or near the Gastineau Humane Society and one at the airport on Yandukin Rd. |
| | | 2 | VALLEY PUBLIC TRANSIT TRANSFER STATION - Purchase property in the Vintage Park area and construct a Public Transit Transfer Station for residents to transfer from valley routes to down town routes. The intent is to apply for an FTA Grant to fund a majority of this expense. |
| | Engineering | 1 | AREAWIDE EV CHARGING STATIONS - Evaluate locations to install additional electric vehicle charging stations and implement as funds allow. |
| | | 2 | STEPHEN RICHARDS / RIVERSIDE INTERSECTION DOT MATCH - provide 9.45% funding match for AK DOT Congestion Mitigation and Air Quality (CMAQ) funding to reconstruct this intersection. This project would construct a signalized intersection or modified round-about if warranted. |
| | | 3 | DOWNTOWN STREET IMPROVEMENTS - This funding will provide for street reconstruction of Phase II of the Downtown Street Improvement project. This phase includes Front Street, North Franklin Street from Front Street to Second Street, and a portion of First Street. |
| | | 4 | WATERFRONT SEAWALK - This funding would provide additional funding for on-going seawalk planning, permitting, design, easement or land acquisition and construction. As of the writing of this memo, the next seawalk project has not yet been designated. |
| | Streets | 1 | PAVEMENT MANAGEMENT - This is an on-going pavement management program to provide chip seal, asphalt overlays, and other preventative maintenance treatments to CBJ streets. Pavement maintenance is required to extend the functional life of the road surfaces an additional 5 to 10 years. The program also provides capital funding to purchase and repair specialized asphalt maintenance equipment and to purchase necessary paving materials (oil, aggregates, chemicals) for pavement maintenance. |
| | | 2 | SIDEWALK AND STAIRWAY REPAIRS - Reconstruct and repair areawide stairs and sidewalks. Programmed repair of sidewalks and stairs reduces maintenance costs and promotes pedestrian safety. |
| | | 3 | MCGINNIS SUBDIVISION IMPROVEMENTS, PHASE III - This project will continue with the improvements to streets within the McGinnis subdivision. Improving the road sub-base adding sidewalks and replacing utilities as needed. Also improve drainage systems as needed. |

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| | | 4 | DOWNTOWN STREET IMPROVEMENTS - FRONT, FRANKLIN, DOWNTOWN CORE, PHASE II - Reconstruct roadway, replace storm drain system, utilities, street lighting and improve pedestrian facilities and pedestrian movement. |
| | | 5 | SHAUNE DRIVE IMPROVEMENTS - ANKA TO BARROW - Reconstruct roadway, improve drainage and replace utilities as needed. Roadway base to be excavated and replaced with shot rock to improve drainage under roadway and new asphalt applied. |
| | | 6 | BIRCH LANE IMPROVEMENTS - MENDENHALL TO JULEP, PHASE I - Reconstruct roadway, improve drainage and replace utilities as needed. Roadway base to be excavated and replaced with shot rock to improve drainage under roadway and new asphalt applied. |
| | | 7 | CALHOUN AVE IMPROVEMENTS - MAIN TO GOLD CREEK (DESIGN) - Reconstruct roadway, sidewalk and curb and gutter. Replace Water Main, valves and services connects as needed. Replace sewer main and service connects as needed. Evaluate street light coverage and possible need for additional lights or moving existing. Roadway base to be excavated and replaced with shot rock to improve drainage under roadway and new asphalt. |
| | | 8 | AREAWIDE DRAINAGE IMPROVEMENTS - This is a multi-phase project that involves permitting, design, and construction of storm drainage improvements to both surface and underground infrastructure throughout the Juneau area to reduce the impacts from seasonal flooding and ground water damage to private and public property. Failure to repair or replace failing culverts and storm sewer piping may result in significant damage to roadways and adjacent private properties. |
| | | 9 | DOUGLAS SIDE STREETS - D and E STREETS - Reconstruct roadway, improve drainage and replace utilities as needed. Roadway base to be excavated and replaced with shot rock to improve drainage under roadway and new asphalt applied. |
| | | Wastewater Utility | |
| 2 | MWWTP ODOR CONTROL - Provide funding for improved odor control at Mendenhall Treatment Plant. | | |
| 3 | JDTP NEW VACTOR DUMP - Provide funding for evaluation, design, and construction of an upgraded/new vactor dump facility. The existing vactor dump facility, located at the Juneau Douglas Wastewater Treatment Plant, is a receiving station and treatment facility for sand, grit, gravel, and solids that are removed from sewer collections lines, manholes, and lift station wetwells via vactor (vacuum/jet) trucks. Removal and disposal of such debris is necessary to maintain operations of the sewer lines and collections pump systems. | | |

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| | | 4 | REAL TIME CRUISE SHIP WASTEWATER DISCHARGE MONITORING - This funding would provide partial funding to begin a project to scope out improvements required to perform real time wastewater monitoring at the Franklin Dock. Detailed knowledge of the strength and volume of flows being sent to the wastewater treatment plant would allow CBJ staff to maximize the number of ships using the discharge system. This summer, it is anticipated that multiple ships will not desire to concurrently use the wastewater system. As the desirability of the use of the wastewater system could rapidly change, partial funding is recommended for this year. |
| | | 5 | MWWTP ROOF REPAIR - Repair the aging roof at Mendenhall Treatment Plant. |
| | | 6 | CALHOUN (8TH TO GOLD CREEK) SEWER REPLACEMENT - Provide funds to adjust Wastewater Utility infrastructure with the associated street reconstruction project. |
| | | 7 | PAVEMENT MANAGEMENT UTILITY ADJUSTMENTS - Provide funds to adjust Wastewater Utility infrastructure with the associated street reconstruction project. |
| | | 8 | MCGINNIS SUBDIVISION IMPROVEMENTS, PHASE III- Provide funds to adjust Wastewater Utility infrastructure with the associated street reconstruction project. |
| | | 9 | SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) - This ongoing project will continue to upgrade and replace the outdated SCADA system that operates the treatment plants and infrastructure. |
| | | 10 | BIRCH LANE SEWER REPLACEMENT - Provide funds to adjust Wastewater Utility infrastructure with the associated street reconstruction project. |
| | | 11 | DOUGLAS SIDE STREETS 2017 (D AND E STREETS) - Provide funds to adjust Wastewater Utility infrastructure with the associated street reconstruction project. |
| | | 12 | DOWTOWN STREET IMPROVEMENTS - FIRST STREET SEWER - Provide funds to adjust Wastewater Utility infrastructure with the associated street reconstruction project. |
| | | 13 | SHAUNE DRIVE SEWER IMPROVEMENTS - ANKA TO BARROW - Provide funds to adjust Wastewater Utility infrastructure with the associated street reconstruction project. |
| | Water Utility | 1 | DOUGLAS HIGHWAY WATER - (CORDOVA-DAVID) - Replace the failing water system within Douglas Highway between Cordova Street and David Street in advance of the ADOT repaving project. |
| | | 2 | CALHOUN (8TH TO GOLD CREEK) WATER REPLACEMENT - Replace the failing water system within Calhoun Avenue between the Governor's house and Cope Park. |

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| | | 3 | SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) SYSTEM UPGRADES/IMPROVEMENTS - This ongoing project will continue to upgrade and replace the existing 1991 vintage SCADA system that operates the CBJ water system. |
| | | 4 | MCGINNIS SUBDIVISION, PH III UTILITY ADJUSTMENTS - Provide funds to adjust Water Utility infrastructure with the associated street reconstruction project. |
| | | 5 | PAVEMENT MANAGEMENT UTILITY ADJUSTMENTS - Provide funds to adjust Water Utility infrastructure with the associated street reconstruction project. |
| | | 6 | SHAUNE DRIVE - ANKA TO BARROW - UTILITY ADJUSTMENTS - Provide funds to adjust Water Utility infrastructure with the associated street reconstruction project. |
| Schools | | 1 | SCHOOL DISTRICT DEFERRED MAINTENANCE - to fund ongoing civil, architectural, mechanical and electrical deferred maintenance and small projects. |