

All Proposed University Area Capital Projects

Project Management and Engineering

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1

42nd Ave Upgrade - Lake Otis Pkwy to Florina St

Cost: \$15,000,000

Funds on Hand: \$0

Additional funds required: \$15,000,000

Need: 42nd Avenue is a strip-paved local road with the highest traffic volume of any local road in the municipality. Due to the flat terrain and the existence of little underground drainage, localized flooding and icing are constant hazards. The lighting levels are below current standards. There are no pedestrian facilities on the street although there is a heavy amount of non-motorized traffic along this corridor.

Project scope: This project will upgrade 42nd Avenue to current urban standards. Typical improvements include a new road base, storm drain installation, curb and gutters, pedestrian facilities, street lighting, and landscaping.

Project Status: The project has not started. Bond funding is proposed for design and construction.

2

UAA Drive Pedestrian Undercrossing

Cost:

Funds on Hand: \$0

Additional funds required:

Need: Both UAA and the UACC recognize the need for this walking underpass for pedestrian safety and eliminating disruption of vehicular traffic flow on UAA Drive. In May 2016, UAA completed a project description and a depiction of the crossing. To get a copy, contact: John R Faunce, PE, Director UAA Facilities Planning & Construction 3890 University Lake Drive, 110C Anchorage, AK 99508-4669 T 907.786.4912 C 907 360.6272

Project scope: This is a pedestrian underpass across UAA Drive to relieve some of the congestion created by UAA students crossing at the existing crosswalk between UAA's old Engineering and Natural Science buildings. The existing crosswalk on UAA Drive is dangerous and significantly disrupts vehicular traffic

Project Status: This need is pending review by MOA

3

Folker St Upgrade RID - 42nd Ave to Tudor Rd

Cost: \$2,000,000

Funds on Hand: \$0

Additional funds required: \$2,000,000

Need: This local road has never been constructed to standards.

Project scope: This project would reconstruct the local road through the Road Improvement District (RID) program. Improvements are expected to include a new road base, curbs, pavement, pedestrian facilities, drainage, and street lighting.

Project Status: No work is currently scheduled in the 6-year Capital Improvement Program. Funding will be through the 30/70 Upgrade Road Improvement District program in which the project is initiated by property owners who agree to pay 70% of the costs through special assessments.

4

Wright St at E Tudor Rd Pedestrian Safety

Cost: \$600,000

Funds on Hand: \$0

Additional funds required: \$600,000

Need: There are no pedestrian crossings on Tudor Road between Lake Otis Parkway and Piper Street. Many pedestrians cross in the vicinity of Wright Street, which has led to fatal consequences.

Project scope: This project will study the alternatives for improving pedestrian safety near the Wright Street intersection with Tudor Road. The study will recommend alternatives for a pedestrian crossing that will enhance safety.

Project Status: This project has not started. State grant funding is proposed.

5

Dale St Pedestrian Improvements - Tudor Rd to 40th Ave

Cost: \$400,000

Funds on Hand: \$0

Additional funds required: \$400,000

Need: No pedestrian facilities exist.

Project scope: This project would install pedestrian facilities.

Project Status: No work is currently scheduled in the 6-year Capital Improvement Program. The project will remain on the Capital Projects Needs List for future funding consideration.

6

Lovejoy Dr at Northern Lights Blvd Pedestrian Crossing

Cost: \$0

Funds on Hand:

Additional funds required: \$0

Need: This project was requested by the Rogers Park Community Council. It would provide a crossing between the neighborhood to the north of Northern Lights Boulevard and the middle and elementary schools to the south.

Project scope: Design and construct pedestrian crossing improvements at this intersection.

Project Status: No work is underway and no funding is proposed in the six-year Capital Improvement Program. The project will remain on the Capital Project Needs List for future funding consideration.

7

Northern Lights Blvd at Bragaw St Pedestrian Crossing Improvements

Cost: \$450,000

Funds on Hand: \$0

Additional funds required: \$450,000

Need: This is a busy pedestrian crossing used by East High students. This project is included in the Anchorage Pedestrian Plan.

Project scope: Construct pedestrian friendly crossing signals and improve crosswalk visibility.

Project Status: No work is currently scheduled in the 6-year Capital Improvement Program. The project will remain on the Capital Project Needs List for future funding consideration since it is included in the Anchorage Pedestrian Plan.

8

Sunflower Dr Walkway - Northern Lights Blvd to College Gate Elementary

Cost: \$200,000

Funds on Hand: \$0

Additional funds required: \$200,000

Need: The road has no pedestrian improvements.

Project scope: This project will install pedestrian improvements.

Project Status: No work is underway or scheduled in the six-year Capital Improvement Program. The project will remain on the Capital Projects Needs List for future funding consideration.

9

Northern Lights Blvd Pedestrian Overpass to Goose Lake Lighting Upgrades

Cost: \$50,000

Funds on Hand: \$0

Additional funds required: \$50,000

Need: Concerns have been expressed about the adequacy of existing lighting on this overpass related to safety.

Project scope: This project will install enhanced lighting.

Project Status: No work is currently scheduled in the 6-year Capital Improvement Program. The project will remain on the Capital Project Needs List for evaluation and prioritization.

10

Image Dr/Reflection Dr Area Road Reconstruction (14-50)

Cost: \$9,000,000

Funds on Hand: \$850,000

Additional funds required: \$8,150,000

Need: The existing storm drain system is in a state of imminent failure or collapse. This need was identified by the work done as part of the Riviera Terrace drainage improvements. The road surface is experiencing frost heaving and cracking. The curbs are jacked in spots. Many of these roads were rated Condition F in the 2014 GASB survey.

Project scope: Replace the road base and the storm drain system. Bring lighting and pedestrian facilities into code compliance.

Project Status: Public Open House held December 8th. Moving forward with the Design Study Report. Funding for additional design is on the 2017 ARDSA Road Bond.

11

Loon Cove Drainage Improvements (13-59)

Cost: \$1,825,000

Funds on Hand: \$325,000

Additional funds required: \$1,500,000

Need: Runoff from E 40th Avenue floods private property of residences on Loon Cove.

Project scope: Construct drainage improvements that prevent flooding to private property.

Project Status: Draft design study is finalized with recommendations on the preferred alternative. Funding to finalize design is included in the 2017 ARDSA road bond package.

12

ARDSA Storm Drain System Condition Assessment and Rehabilitation Program (16-20)

Cost: \$20,000,000

Funds on Hand: \$1,260,000

Additional funds required: \$18,740,000

Need: There are approximately 2,213,000 linear feet of underground storm drain pipe in the Anchorage Road and Drainage Service Area. Metal pipe was primarily used prior 1990 and in some instances developers were creative and even used substitutes such as metal barrels/55 gallon drums laid end to end to divert or convey storm water from their properties. Much of the storm drain pipe that Anchorage has in the ground today is now deteriorated to the extent that in some instances it has completely vanished. Obviously these system failures impact the public in many ways. Primary impacts include health & safety consequences and property damage through flooding.

Project scope: This project will investigate/assess the condition of the Anchorage Roads and Drainage Service Area (ARDSA) storm drain systems and rehabilitate those system segments as the needs are identified and prioritized. This goal will be accomplished by evaluating the degree of degradation and functionality in our existing storm drain systems through CCTV (Closed Circuit Television) videoing augmented and by field inspecting segments of pipe. The primary focus of this project will be to concentrate on metal pipes and sections with suspect corrosion, flooding and drainage issues. Inherent with any of these investigative techniques, it may be incumbent upon the investigative staff to complete a condition survey, which may require the cleaning and or vactoring of debris that covers the bottom of the storm drain pipe. Emergency rehabilitation will be completed on segments that have or are near failure to the extent that funding is available. Other sections will be prioritized to be included in a future capital improvement program.

Project Status: This is an annual program with bond funding anticipated. CUI is being tasked.

13

ARDSA Alley Paving

Cost: \$300,000

Funds on Hand: \$0

Additional funds required: \$300,000

Need: There are over 300 unpaved alleys in ARDSA. Unpaved alleys are a nuisance for residents and businesses. Dusty alleys negatively impact the air quality over the Municipality.

Project scope: This program will systematically pave all remaining unpaved alleys in ARDSA.

Project Status: This is an annual program to pave 10-12 alleys each summer in the Anchorage Roads and Drainage Service Area (ARDSA).

14

Northern Lights Blvd Eastbound Capacity Improvements - Lake Otis Pkwy to Bragaw St

Cost: \$8,000,000

Funds on Hand: \$0

Additional funds required: \$8,000,000

Need: The Metropolitan Transportation Plan (MTP) identified this section of East Northern Lights Boulevard as a short-term project need.

Project scope: A third eastbound lane will be added. Intersection improvements at Lake Otis, UAA, and Bragaw are anticipated to be included in the scope.

Project Status: The project has not started. Bond funding is proposed for a design start.

15

Providence Dr Resurfacing - Lake Otis Pkwy to Elmore Rd

Cost: \$2,600,000

Funds on Hand: \$0

Additional funds required: \$2,600,000

Need: The top lift is wearing thin in many places. This results in rutting that is a potentially hazardous condition. Street Maintenance added some skin patching in 2016.

Project scope: This project will rehabilitate the surface of the roadway, repair any worn or damaged curbs, and bring pedestrian facilities into ADA compliance.

Project Status: The project has not started. Bond funding is proposed for design and construction.

16

Tudor Centre Dr/Diplomacy Dr Area Resurfacing

Cost: \$4,000,000

Funds on Hand: \$0

Additional funds required: \$4,000,000

Need: The surface of the roadway has deteriorated to the point that resurfacing is the most cost effective solution. These roads serve a major public facility, the ANMC medical complex.

Project scope: Resurface these roads by roto-milling, reclaiming, or overlaying. Bring all pedestrian facilities into ADA compliance.

Project Status: The project has not started. Bond funding is programmed for design and construction.

State of Alaska

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1

Boniface Pkwy Access Management - Tudor Rd to Glenn Hwy

Cost: \$20,000,000

Funds on Hand: \$0

Additional funds required: \$20,000,000

Need: The MTP identifies this as a future expressway that could be reconfigured to focus on moving traffic north and south. No studies have been completed.

Project scope: Improvements would focus on limiting access to improve traffic moving capacity.

Project Status: No work is underway or scheduled. This project is included in the Metropolitan Transportation Plan (MTP) and is a state owned facility. Prioritization and funding would be through the State of Alaska.

2

Tudor Rd Access Management (East) - Seward Hwy to Patterson St

Cost: \$37,000,000

Funds on Hand: \$0

Additional funds required: \$37,000,000

Need: Traffic volume increases are expected to further exceed the capacity on this arterial.

Project scope: While the scope is not set, improvements are expected to include restricting direct access onto Tudor Road.

Project Status: No work is underway or scheduled in the six-year Capital Improvement Program. This is a state-owned facility and evaluation and funding would be by the State of Alaska. The route is designated as a major arterial in the Official Streets and Highways Plan (OS&HP). This project is included in the Metropolitan Transportation Plan (MTP).

3

Elmore Rd Reconstruction - Providence Dr to Tudor Rd

Cost: \$16,400,000

Funds on Hand: \$0

Additional funds required: \$16,400,000

Need: Pavement and storm facilities are deteriorating and pedestrian facilities are lacking. This route connects the universities with Alaska Native Medical Center. The extension of Elmore Road to the south in 2007 has greatly increased the traffic flow on this minor arterial.

Project scope: Reconstruct road and storm drains, install missing pedestrian facilities, and upgrade street lighting.

Project Status: No work is currently scheduled in the 6-year Capital Improvement Program. This is a state owned facility and evaluation and funding would be by the State of Alaska.

Parks and Recreation

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1

Chester Creek Campbell Creek Trail Connection Lighting

Cost: \$1,300,000

Funds on Hand: \$0

Additional funds required: \$1,300,000

Need: Trail user safety is a priority for the Department and the residents of Anchorage. The Chester Creek-Creek Campbell Creek trail connection is a well used and recently installed multi-use greenbelt that completes the link between two major non-motorized transportation and recreation greenbelts within Anchorage. Trail safety will increase with the addition of lighting for the long winter months. LED technology continues to decrease in cost and the utility bills are a fraction of traditional lighting technology.

Project scope: Add light poles and LED light fixtures to the new Chester Creek Trail-Campbell Creek Trail Connection from the Tudor Road overpass all the way to Goose Lake Park.

Project Status: The department has recently completed transitions to LED technology at Beach Lake, a small segment at Russian Jack and the Speed skating Oval at Cuddy Family Midtown Park. We are currently in design and engineering to convert all of the ski trail lighting at Kincaid and Far North as well as the exiting lighting on Chester Creek and Campbell Creek. Completing this missing link is the next logical step.

2

University Lake Dog Park

Cost: \$750,000

Funds on Hand: \$0

Additional funds required: \$750,000

Need: As the University Lake Dr. extension project proceeds, it will be necessary to add parking and dog park amenities to improve the functionality of the dog park as well as protect off-leash dogs from cars along the new road. Additionally, fencing and other amenities are required to keep animals within the designated off-leash area and not on university land.

Project scope: Funds will be used to install additional parking, fencing, signage, complete trail improvements, install other dog park amenities and other priorities as identified in the completed Park Master Plan.

Project Status: Planning for the University Lake Park Master Plan was completed this year.

3

FNBP Improvements, including a bridge

Cost: \$2,500,000

Funds on Hand: \$0

Additional funds required: \$2,500,000

Need: There are over 100 miles of soft surface trails in FNBP. Trail and trail-head infrastructure (bridges, lighting, parking lots, signage, drainage) needs to be repaired to keep pace with increasing demand.

Project scope: Bridge repair, trail sustainability projects, trail reroutes, building missing trail links, parking lot improvements. 5/2018//Jamie Lang: Far North Bicentennial Park Improvements, bridge over North Fork Campbell Creek @ gas line. (Currently, there is only a log bridge to cross this creek on FNBP land.)

Project Status: The FNBP Trail Improvement Plan was adopted by the Parks & Recreation Commission and the Urban Design Commission. The Improvement Plan identifies a list of projects supported by all trail user groups.

4

FNBP: Blue Dot Trail Bridge Replacement

Cost: \$1,000,000

Funds on Hand: \$0

Additional funds required: \$1,000,000

Need: The current structure does not meet current trail bridge safety standards.

Project scope: Remove existing structure and replace with safe, prefab trail bridge. Funds will be used for planning, design, permitting and construction.

Project Status:

Folker Park

Cost: \$300,000

Funds on Hand: \$0

Additional funds required: \$300,000

Need: Neighbors identified that numerous improvements are required to activate this underused park.

Project scope: Funds will be used to construct community priorities for this neighborhood use park.

Project Status: Park planning staff is currently working with the local community to identify a vision for the park.

6

Tony Knowles Coastal Trail Erosion

Cost: \$3,500,000

Funds on Hand: \$400,000

Additional funds required: \$3,100,000

Need: To protect the eroding banks along the trail corridor.

Project scope: Design development and implementation to protect the land water interface along the Tony Knowles Coastal Trail

Project Status: Recent and ongoing bank armoring has provided protection for a 5- 10 year period.

7

Forest Health and Park Safety

Cost: \$200,000

Funds on Hand: \$0

Additional funds required: \$200,000

Need: In September of 2012 more than 5000 trees were lost during a windstorm. Initial assessments estimate clean-up to be over 1 million dollars. The Anchorage Urban Forester's plan to address the damage include a mix of volunteer clean-up, commercial sales and contracted clean-up. Currently, park assets are safe for park and trail users, however as conditions change, follow-up risk assessment and clean-up is required.

Project scope: Funds will be used to conduct a follow-up risk assessment, develop a recommended strategy for species management (cottonwood, evergreen, birch), finalize a tree emergency plan and continue the clearing of hazard trees on parkland from the 2012 windstorm.

Project Status: Park Maintenance and horticulture crews have cleared parks and trails making current park assets safe for Anchorage citizens.

8

Wayfinding

Cost: \$750,000

Funds on Hand: \$50,000

Additional funds required: \$700,000

Need: Wayfinding provides increased safety and an improved experience for the area wide trail system.

Project scope: Design, development and implementation of wayfinding for Anchorage's paved & soft surface trails.

Project Status: Anchorage has over 250 miles of trails and improved wayfinding will address safety and navigation concerns.