

All Proposed University Area Capital Projects

Project Management and Engineering

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1

42nd Ave Area Traffic and Safety Improvements - Lake Otis Pkwy to Florina St (05-11)

Cost: \$15,000,000

Funds on Hand: \$530,000

Additional funds required: \$14,470,000

Need: This local road is a strip paved road with poor lighting and drainage and minimal pedestrian facilities. Continued medical services development in this area along with congestion at the Lake Otis Pkwy/Tudor Rd intersection is causing increased traffic volumes and speeds. This road has more traffic than any other local road in Anchorage. This project is the number 1 priority for the University Community Council.

Project scope: This project will construct pedestrian and vehicular safety improvements on a major local road.

Project Status: Project on-hold pending completion of 40th Avenue extension between Lake Otis Parkway and Florina Street. Full project funding is proposed with a combination of state grants and local road bonds.

2

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.

3

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.

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

Senate District G Local Road Rehabilitation

Cost: \$30,000,000

Funds on Hand: \$1,000,000

Additional funds required: \$29,000,000

Need: Many of the local roads in the Municipality are experiencing surface degradation. This issue manifests in cracking, pot holing, frost heaving, erosion of pavement edges, and separation between curb and asphalt.

Project scope: Resurface, primarily by reclaiming, local roads in Senate District F. Some drainage, grading, and curb work may be included as needed.

Project Status: State grant funding is proposed annually to fund this program.

6

ARDSA Storm Drain System Condition Assessment and Rehabilitation Program (13-24)

Cost: \$1,000,000

Funds on Hand: \$0

Additional funds required: \$1,000,000

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.

7

UAA Drive Upgrade - Northern Lights Blvd to Providence Dr

Cost: \$6,500,000

Funds on Hand: \$0

Additional funds required: \$6,500,000

Need: The road is not constructed to urban collector standards.

Project scope: While the scope is not set, urban collector standards typically include a new road base, pavement, curbs, pedestrian facilities on both sides, storm drains, and street lighting.

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. The route is designated as a collector in the Official Streets and Highways Plan (OS&HP).

8

Wesleyan Dr Surface Rehab & Traffic Calming - Mills Dr to Checkmate Dr

Cost: \$1,100,000

Funds on Hand: \$0

Additional funds required: \$1,100,000

Need: The pavement on this local road is deteriorating.

Project scope: This project will replace or overlay the pavement. Traffic calming options will be considered and installed where appropriate.

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

9

Flooding, Glaciation, and Drainage Matching Program

Cost: \$50,000,000

Funds on Hand: \$0

Additional funds required: \$50,000,000

Need: This project will design and construct drainage projects that address flooding and glaciation problems throughout Anchorage. The goal of improvements is to improve safety and reduce operation and maintenance costs.

Project scope: This annual funding program allows the Municipality to apply funding to drainage needs as required within and without road right-of-ways.

Project Status: This annual program has funded dozens of successful small and large projects in recent years. Local bond funds are matched with state grants each year.

10

Lovejoy Dr at Northern Lights Blvd Pedestrian Crossing

Cost:

Funds on Hand: \$0

Additional funds required:

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.

11

Road and Drainage Rehab Matching Program

Cost: \$50,000,000

Funds on Hand: \$0

Additional funds required: \$50,000,000

Need: The 2011 GASB survey of surface conditions for paved roads in the Municipality revealed 190 miles of road either Condition E or F. These letters represent roads that are in poor condition and worse. Most of the time repairing these roads requires addressing the drainage issues that cause the surface to crack, heave, and pot hole. The purpose of this funding is to preserve deteriorating road bases before a costly full reconstruction is required.

Project scope: This annual funding program allows the Municipality to construct road and drainage improvements as they develop. Road resurfacing, drainage improvements, and curb replacement are the types of improvements accomplished through the program.

Project Status: Road rehabilitation occurs annually throughout the Municipality on both major roads and local roads due to this program. Local road bonds have been combined with state grants to construct dozens of projects throughout Anchorage in the last few years.

12

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. This project is a high priority for the Airport Heights Community Council.

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.

13

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.

14

Emmanuel St Area Drainage Improvements

Cost: \$3,000,000

Funds on Hand: \$0

Additional funds required: \$3,000,000

Need: The existing storm drain system is in a state of imminent failure or collapse. This need was identified by Street Maintenance.

Project scope: Replace the storm drain system.

Project Status: The project has not started.

15

Image Dr/Reflection Dr Road Reconstruction

Cost: \$9,000,000

Funds on Hand: \$0

Additional funds required: \$9,000,000

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.

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

Project Status: The project has not started. State grant funding is proposed for design.

16

Loon Cove Drainage Study 40th Ave

Cost:

Funds on Hand: \$0

Additional funds required:

Need:

Project scope: Unknown at this time

Project Status: Love Cove flooding at 40th Ave. Preliminary drainage design study is underway.

17

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.

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.

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 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.

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.

Parks and Recreation

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Dog Park Site Selection and Design and Management Standards.

Cost: \$75,000

Funds on Hand: \$0

Additional funds required: \$75,000

Need: Anchorage residents love their dogs! Currently, Anchorage has 6 official dog parks, and one more in development. Only one park is completely fenced. There is demand for more fenced dog parks throughout the bowl. Funds will be used to systematically identify the next, most appropriate places to build dog parks. Additionally, this project will develop dog park design and management guidelines.

Project scope: Identify appropriate parks in the Anchorage Bowl where dog park development is appropriate. Create design and management guidelines to assist the department in building and maintaining dog parks.

Project Status: The department just completed a small, fenced dog park at Arctic Benson Park. Another project is underway to formalize a fenced off-leash area at Valley of the Moon Park.

University Lake Dog Park

Cost: \$500,000

Funds on Hand: \$100,000

Additional funds required: \$600,000

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 and install other dog park amenities.

Project Status: Planning for the University Lake Drive project was recently initiated. Parks and Recreation staff are participating in the process and ideally these projects will progress in concert. Trail rehabilitation and signage improvements will be completed in 2013 with existing funding.

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 Speedskating 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.

4

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 Foresters 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.

5

Folker Park ADA project request from PHH.

Cost:

Funds on Hand: \$0

Additional funds required:

Need: Repave existing trail and clear out some overgrown areas.

Project scope: Upgrade existing facilities to provide adequate ADA access.

Project Status: This need is pending review by MOA

6

FNBP Improvements

Cost: \$600,000

Funds on Hand: \$0

Additional funds required: \$600,000

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.

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.

7

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: This need is pending review by MOA
