

# All Proposed University Area Capital Projects

## Project Management and Engineering

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### 42nd Ave Upgrade - Lake Otis Pkwy to Florina St (18-06)

Cost: \$15,000,000

Funds on Hand: \$750,000

Additional funds required: \$14,250,000

**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:** Design study was funded with the 2018 road bonds.

2

### Campbell Airstrip Road Improvements

Cost:

Funds on Hand: \$0

Additional funds required:

**Need:** This section of road was never built to standards and is regularly washed out leaving numerous potholes that make for unsafe conditions. Vehicles are forced to regularly drive on the opposite side of the road to avoid potholes or wait in private drives and intersections while oncoming traffic takes the less damaged side of the roadway.

**Project scope:** Develop Campbell Airstrip Road to a standard road between 38th Court and Glenn Don Drive by expanding the road to a full 20 foot width. Additionally, improve subsurface foundation and properly engineer and pave the road to improve road conditions and improve overall vehicle and pedestrian safety.

**Project Status:** This need is pending review by MOA

3

### Folker St Upgrade RID - from Northern Edge of Folker Park 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

### 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.

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### UAA Drive Pedestrian Undercrossing

Cost: \$0

Funds on Hand: \$0

Additional funds required: \$0

**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 the UAA Planning Department.

**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

**Project Status:** This need is pending review by MOA

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## 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.

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## Lovejoy Dr at Northern Lights Blvd Pedestrian Crossing

Cost: \$0

Funds on Hand: \$0

Additional funds required: \$0

Need: This need was identified 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.

8

## 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 since it is included in the Anchorage Pedestrian Plan.

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## 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.

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## 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).

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## 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.

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## UAA Dr Pedestrian Improvements - Mallard Ln to Alumni Dr (14-43)

Cost: \$500,000

Funds on Hand: \$500,000

Additional funds required: \$0

Need: There is a missing pedestrian connection on the west side of UAA Drive between Mallard Lane and Alumni Drive. The need for this connection will increase when Mallard Lane is upgraded with pedestrian facilities.

Project scope: Construct a pedestrian facility on the west side of UAA Drive between Mallard Lane and the existing facility at Alumni Drive.

Project Status: Design will begin once parking garage has been completed. Garage construction is slowly proceeding.

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

Cost: \$11,100,000

Funds on Hand: \$1,570,000

Additional funds required: \$9,530,000

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: DSR is complete. Design contract has been amended. CRW is moving forward with lift station design.

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## 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).

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## 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.

16

## 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.

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## 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.

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## Lake Otis Pkwy Pedestrian Overpass at Lake Otis Elementary

Cost: \$6,000,000

Funds on Hand: \$0

Additional funds required: \$6,000,000

Need: Safety and accessibility concerns have been raised with this overpass. It is difficult for elementary school students to manage this crossing. It is poorly lighted. Structural deficiencies have been identified.

Project scope: This project will replace the current overpass.

Project Status: Study by USKH recommends the overpass be removed or replaced due to structural deficiencies.

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## UAA Dr Pedestrian Undercrossing

Cost: \$0

Funds on Hand: \$0

Additional funds required: \$0

Need: The existing crosswalk on UAA Drive is a disruption to traffic flow on this busy collector street.  
Project scope: Construct a pathway underneath UAA Drive.  
Project Status: The project has not started. The project will remain on the Capital Project Needs list for future funding consideration.

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

Cost: \$1,100,000  
Funds on Hand:  
Additional funds required: \$1,100,000

Need: The pavement on this local road is deteriorating. Some of the segments of this road rated Conditions E and F in the 2014 GASB survey.  
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.

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### 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.

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### Parks and Recreation

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1

## Folker Park - Additional Improvements

Cost:  
Funds on Hand: \$0  
Additional funds required:

Need: Initial Folker Park improvements were bonded in Spring 2018 and construction started in Spring 2019. Unfortunately, cost were underestimated for the park improvements and delays in updating 42nd Avenue (a separate project) are affecting the Folker Park Update. Some of these delays relate to the replacement of the water line along 42nd Ave. Additional funds are needed to complete the park.

Project scope: Addition of trails, pathways and other features that were omitted from the original design and purchase of equipment that were underestimated in the original proposal.

Project Status: This need is pending review by MOA

2

## University Lake Dog Park

Cost: \$750,000  
Funds on Hand: \$350,000

Additional funds required: \$400,000

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: The University Lake Park Master Plan was adopted in 2018.

3

## **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:

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 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.

5

## **Community Garden Site Selection and Design and Management Standards.**

Cost: \$50,000

Funds on Hand: \$0

Additional funds required: \$50,000

Need: The public demand for plots in MOA Community Gardens far exceeds the current availability. New community gardens have been identified in a number of newly completed park master plans. Funding will be used to develop new community gardens.

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

Project Status: The department currently manages community gardens at The Gardens @ Bragaw, C Street Gardens, Fairview Lions and McPhee Gardens