

## All Proposed Abbott Loop Capital Projects

### Project Management and Engineering

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1

#### Academy Dr / Vanguard Dr Area Traffic Circulation Improvements - Brayton Dr to Abbott Rd (09-04)

Cost: \$14,600,000

Funds on Hand: \$2,300,000

Additional funds required: \$12,300,000

Need: When the 92nd Avenue underpass at the Seward Highway is constructed by the state, with a connection to Old Seward Highway, traffic along the connection between the Seward Highway and Abbott Road will increase. This new connection will enhance traffic circulation in the Abbott/Diamond area. The existing roadway is not built to handle the expected traffic volumes with the addition of the 92nd Avenue underpass of the Seward Highway.

Project scope: Improvements are likely to include road realignment, pedestrian facilities, street lighting, and improved drainage.

Project Status: Commencement of right-of-way acquisition is tentatively scheduled for this year with construction startup in 2019, however both are dependent upon additional funding. Initial design study was funded with 2009 and 2010 road bonds. The project is being coordinated with the ADOT 92nd Ave Underpass project expected to begin construction in 2021.

2

#### Elmore Rd/84th Ave-Coventry

Cost:

Funds on Hand: \$0

Additional funds required:

Need: This is the main access to the popular Far North Bicentennial Park and the Abbott Loop Community Park. Traffic is heavy on Elmore and crossing the road is dangerous for both people and cars. Residents exiting Coventry have long waits during rush hour traffic.

Project scope: Traffic signal to be installed to include pedestrian crossing signals

Project Status: This need is pending review by MOA

3

#### 64th Ave Upgrade - Brayton Dr to Quinhagak St

Cost: \$6,000,000

Funds on Hand: \$0

Additional funds required: \$6,000,000

Need: This local road is deteriorating and segments of curb and sidewalk are not constructed. This project is a high priority for the Abbott Loop Community Council. The 2014 GASB survey rated these segments Conditions C - F.

Project scope: This project will upgrade and reconstruct a local road serving Totem Charter School. Improvements are expected to include reconstruction where required because of road condition and construction of curb and sidewalk facilities where missing.

Project Status: State grant funding is proposed.

4

#### Quinhagak St Upgrade - E Dowling Rd to Askeland Dr

Cost: \$4,000,000

Funds on Hand: \$0

Additional funds required: \$4,000,000

Need: This street is experiencing serious deterioration to the surface and frost heaving. The surface condition was rated a condition "F" by the 2014 GASB survey.

Project scope: This project will upgrade the road to current local road standards. Improvements are expected to include a new road base, pavement with curb and gutter, storm drain installation, pedestrian facilities if warranted, street lighting and landscaping.

Project Status: This project has not started. State grant funding is proposed. Otherwise, since this is a local road, funding for a road upgrade would be through the 30/70 Upgrade Road Improvement District Program. In this program, property owners initiate the project and agree to pay 70% of the costs through special assessments.

5

#### Lore Rd Extension/Upgrade - Lake Otis Pkwy to Spruce St

Cost: \$9,400,000

Funds on Hand: \$0

Additional funds required: \$9,400,000

Need: This project has been suggested as an east/west road connection. However, no studies to identify needs have been completed or planned.

Project scope: This project would extend and upgrade this major local road to urban collector standards. Improvements are expected to include pavement, curbs, storm drains, pedestrian facilities, street lights, water line installation, and landscaping.

Project Status: No work is currently scheduled in the 6-year Capital Improvement Program. No funding is planned unless the road is reclassified as a collector street.  
6

## 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.

7

## 68th Ave Reconstruction - Brayton Dr to Lake Otis Pkwy

Cost: \$12,000,000

Funds on Hand: \$0

Additional funds required: \$12,000,000

Need: The surface of the road is wearing thin and the storm drains under the road need to be replaced. The 2014 GASB survey rated these segments as Conditions C and F.

Project scope: This project will reconstruct this collector street to current standards. Improvements are expected to include a new road base, replacement of the storm drain system, installation of curb and gutters, sidewalk and/or trail, street lighting, and landscaping.

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

8

## Winchester St Upgrade RID - 64th Ave to 68th Ave

Cost: \$3,900,000

Funds on Hand: \$0

Additional funds required: \$3,900,000

Need: This road is not constructed to urban standards. The 2014 GASB survey rated the surface of the road as Conditions B and C.

Project scope: This project would upgrade 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 underway or scheduled in the six-year Capital Improvement Program. Funding for local road upgrades is through the 30/70 Upgrade Road Improvement District program. In this program, property owners initiate the project and agree to pay 70% of the costs through special assessments.

9

## Spruce St Extension/Upgrade - Dowling Rd to 68th Ave (08-08)

Cost: \$12,400,000

Funds on Hand: \$2,500,000

Additional funds required: \$9,900,000

Need: The north half of this collector is not constructed and the south half is not constructed to collector standards. This project is a priority for the Abbott Loop Community Council. With the extension of Dowling Road from Lake Otis Parkway to Elmore Road, the extension of Spruce Street will enhance traffic circulation and promote safety by reducing the amount of traffic on surrounding area roads including Norm Drive.

Project scope: Urban collector improvements typically include a new road base, curbs, pavement, pedestrian facilities on both sides, storm drains, and street lighting. The exact scope will be determined during design with input from the public.

Project Status: Design completion requires a contract amendment with DOWL. Draft DSR review in progress. Full project funding is proposed with a combination of state grants and local road bonds.

10

## 64th Ave Upgrade RID - Spruce St to Elmore Rd

Cost: \$9,000,000

Funds on Hand: \$0

Additional funds required: \$9,000,000

Need: This strip paved road has not been constructed to current standards regarding pavement, curbs, lighting, and drainage.

Project scope: Install new road base, curbs, pavement, drainage, and lighting.

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

11

## Winchester St Area Drainage - 72nd Ave to Lore Rd

Cost: \$250,000

Funds on Hand: \$0

Additional funds required: \$250,000

Need: The level surface on this section of Winchester results in ponding and in one location the resulting flooding impacts homes.

Project scope: Design and construct a drainage system to address the flooding on Winchester.

Project Status: The project has not started. The project will remain on the needs list for future funding consideration. It is anticipated that funding for a design study will be pursued initially. The DSR will provide the scope of a recommended alternative and identify a project budget.

12

## **Nadine St Upgrade RID - 80th Ave to 84th Ave**

Cost: \$3,900,000

Funds on Hand: \$0

Additional funds required: \$3,900,000

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

Project scope: Improvements are expected to include a new road base, curbs, pavement, a sidewalk, underground storm drains, and street lighting.

Project Status: No work is underway and no funding is proposed in the six-year Capital Improvement Program. The project would be funded through the 30/70 Upgrade Road Improvement District Program in which property owners initiate the project and agree to pay 70% of the costs through special assessments.

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## **80th Ave Extension/Upgrade - Spruce St to Elmore Rd**

Cost: \$21,000,000

Funds on Hand: \$0

Additional funds required: \$21,000,000

Need: This project has been suggested as an east/west road connector. However, no studies regarding need have been completed or are planned.

Project scope: This project would extend and upgrade this major local road to urban collector standards. Improvements are expected to include pavement, curbs, storm drains, pedestrian facilities, street lights, water line installation, and landscaping.

Project Status: No work is currently scheduled in the 6-year Capital Improvement Program. No funding is planned unless the road is reclassified as a collector street.

14

## **84th Ave Extension/Upgrade - Spruce St to Elmore Rd**

Cost: \$10,000,000

Funds on Hand: \$0

Additional funds required: \$10,000,000

Need: Traffic Studies and comments from Police, Fire, Street Maintenance, the Abbott Loop Community Council, and the School District indicate benefits from the project. However, community concerns about the speed and traffic impact have also been very strong.

Project scope: Extend 84th Ave from Spruce Street to Elmore Road. Reconstruct the portion that has already been built to current design standards. Improvements are expected to include a new road base, pavement, curb and gutters, storm drains, pedestrian facilities, street lighting, and landscaping.

Project Status: This project has not started. State grant funding is programmed for design.

15

## **65th Ave Upgrade RID - Spruce St to Elmore Rd**

Cost: \$9,000,000

Funds on Hand: \$0

Additional funds required: \$9,000,000

Need: This strip paved road has never been constructed to standards regarding pavement, drainage, curbs, and lighting.

Project scope: Install new road base, curbs, pavement, drainage, and lighting.

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

16

## **Hartzell Rd Upgrade - 79th Ave to Dimond Blvd**

Cost: \$5,500,000

Funds on Hand: \$0

Additional funds required: \$5,500,000

Need: This project will upgrade a deteriorating collector street, including provision for pedestrian facilities, that has never been constructed to full collector standards. The northern portion of this street segment was upgraded in 2005.

Project scope: This project will upgrade the unimproved section of a collector street to current standards. Improvements are expected to include pavement, curbs, pedestrian facilities, street lighting, and storm drains.

Project Status: State grant funding is proposed.

17

## **Elmore Rd Extension - Abbott Rd to O'Malley Rd**

Cost: \$37,000,000

Funds on Hand: \$0

Additional funds required: \$37,000,000

Need: Portions of this collector are constructed to gravel standards, but there is no connection between Abbott Road and O'Malley Road. The existing road does not meet standards regarding pavement, pedestrian facilities, drainage, and lighting. The need for this connection has increased with the connection north to Tudor Road.

Project scope: This project will install a new road base, curbs, pavement, pedestrian facilities, drainage, and lighting. Elmore Road is classified as a collector street in the Official Streets and Highways Plan (OS&HP) and will be constructed accordingly.

Project Status: Funding is proposed as a funding partnership of state grants and local road bonds.

18

## Spruce St Upgrade RID - Fergie St to 68th Ave

Cost: \$3,000,000

Funds on Hand: \$0

Additional funds required: \$3,000,000

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

Project scope: This project would upgrade 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 underway or scheduled in the six-year Capital Improvement Program. This is a local road and funding will be through the 30/70 Upgrade Road Improvement District program. In this program, property owners initiate the project and agree to pay 70% of the project costs through special assessments.

19

## Mesquite Cir and E 80th Ave Area Lighting Improvements

Cost: \$525,000

Funds on Hand: \$50,000

Additional funds required: \$475,000

Need: There is currently no street lighting on either of these street segments. This project originated with a neighborhood request to Street Maintenance.

Project scope: Install street lights and a load center to service Mesquite Circle and E 80th Avenue from Elmore Road to the end of the road west of Casey Circle. Six lights are planned for E 80th Avenue and four on Mesquite Circle.

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

20

## Zurich St Upgrade RID - 68th Ave to 72nd Ave

Cost: \$3,900,000

Funds on Hand: \$0

Additional funds required: \$3,900,000

Need: This local road is not constructed to urban standards. The 2014 GASB survey rated the road surface as Condition C.

Project scope: This project would upgrade 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 underway or scheduled in the six-year Capital Improvement Program. Funding for local road upgrades is through the 30/70 Upgrade Road Improvement District program. In this program, property owners initiate the project and agree to pay 70% of the costs through special assessments.

21

## Jamestown Dr Area Drainage Improvements

Cost: \$2,300,000

Funds on Hand: \$0

Additional funds required: \$2,300,000

Need: The storm drain under the northern end of Jamestown is undersized. The storm drain to the west is not functionally adequately.

Project scope: Upgrade/slip-line the storm drain pipes in this area to adequately handle the demand.

Project Status: The project has not started. 2017 bond funding is proposed for design and 2018 bond funding is proposed for construction.

22

## 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).

23

## Moss St. dedicated walkway to Abbott Road

Cost:

Funds on Hand: \$0

Additional funds required:

Need: This small neighborhood would greatly benefit by having access to the Abbott Loop town center.

Project scope:

Project Status: This need is pending review by MOA

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## State of Alaska

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1

## O'Malley Rd Interchanges at Old and New Seward Hwys

Cost: \$60,600,000

Funds on Hand: \$0

Additional funds required: \$60,600,000

Need: Increasing traffic is expected to push these intersections beyond their current capacity.

Project scope: This project will construct a separated interchange at the Old Seward Highway and upgrade the New Seward Highway interchange.  
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. This project is identified in the Metropolitan Transportation Plan (MTP).

2

## Seward Hwy Expansion - Dimond Blvd to O'Malley Rd

Cost: \$70,000,000

Funds on Hand: \$0

Additional funds required: \$70,000,000

Need: Traffic already exceeds the capacity of the existing facility.

Project scope: Improvements are expected to include expanding the road to 3-lanes in each direction, an underpass at 92nd Avenue, and a westside frontage road with a connection to the Old Seward Highway.

Project Status: The first phase of the project began construction in 2016 and will be completed in 2017. This is a state-owned facility and evaluation and future funding would be by the State of Alaska. The route is identified as a freeway in the Official Streets and Highways Plan. The project is also included in the Metropolitan Transportation Plan (MTP). A state grant for the underpass was provided by the Legislature but additional funding is now required to complete construction.

3

## Abbott Rd/Hillside Dr Trail - Rabbit Creek Rd to Seward Hwy

Cost: \$0

Funds on Hand:

Additional funds required: \$0

Need: The trail is not fully constructed between Rabbit Creek Road and the Seward Highway.

Project scope: Construct missing trail links and reconstruct those in poor condition.

Project Status: No work is underway. This trail has been added to the Capital Project Needs List for evaluation and future funding consideration. Both Abbott Road and Hillside Drive are state owned facilities and funding would be from state or federal sources.

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## Parks and Recreation

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1

### Atkins Park Community Forest Garden

Cost:

Funds on Hand: \$0

Additional funds required:

Need: Community Garden Site Selection notes that the public demands for garden plots far exceed current availability. Atkins Park is directly behind Abbott Loop Elementary and the school could benefit from having a Forest Garden in close proximity. In addition to learning about local ecosystems and gardening they could also benefit from the fall harvest. Funding would be used to develop the Community Forest Garden.

Project scope: Create design and management guidelines to assist in the creation and maintenance of a Forest Garden along the South Fork Little Campbell Creek in Atkins Park.

Project Status: This need is pending review by MOA

2

### Meadow Street Park

Cost: \$300,000

Funds on Hand: \$0

Additional funds required: \$300,000

Need: The existing parking areas are unpaved creating pot-holes and erosion near Little Campbell Creek. Input from the community council and area residents indicate that this area of town with high density housing lacks a neighborhood park play area.

Project scope: Pave the existing parking areas. Install a new playground.

Project Status: Park Maintenance performs monthly safety inspections and repairs the park assets as necessary.

3

### Spruce Park

Cost: \$300,000

Funds on Hand: \$0

Additional funds required: \$300,000

Need: Spruce Park is an important playground for the Abbott Loop neighborhood. The playground and safety surfacing need to be compliant with current industry-wide safety standards. Additionally, through the neighborhood park report card process citizens expressed the need for a picnic shelter.

Project scope: Funds will be used to repair the playground and safety surfacing, add a picnic shelter and fix other neighborhood park amenities.

Project Status: Park Maintenance performs monthly safety inspections and repairs the park assets as necessary.

4

### Independence Park

Cost: \$500,000

Funds on Hand: \$0

Additional funds required: \$500,000

Need: Independence Park is a relatively new park acquisition. The land is undeveloped. Funds will be used to build neighborhood park amenities in an area of town that is underserved in neighborhood parks.

Project scope: Funds will be used to build neighborhood park amenities.

Project Status: New acquisition

5

## 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.

6

## 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.

7

## 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.

8

## Whisper Faith Kovach Playground

Cost: \$350,000

Funds on Hand: \$0

Additional funds required: \$350,000

Need: This park is an important playground for the Abbott Loop neighborhood. The playground and safety surfacing need to be compliant with current industry-wide safety and accessibility standards.

Project scope: Funds will be used to replace the playground and safety surfacing. Additionally, we have heard preliminary input that a dog park might be feasible in this location. Additionally and if funds allow, the parking area will be improved.

Project Status: Park Maintenance performs monthly safety inspections and repairs the park assets as necessary.

9

## 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.

10

## Ruth Arcand Park

Cost: \$75,000

Funds on Hand: \$0

Additional funds required: \$75,000

Need: Hundreds of families go to the Abbott-O-Rabbit ball fields each summer for little league games. Children not playing ball would benefit from a place to play while their siblings are playing baseball.

Project scope: Add a small playground area at the Abbott-o-Rabbit Little League fields.

Project Status: The Parks & Recreation Department in partnership with the Anchorage Park Foundation and a group of little league volunteers recently completed accessibility and parking improvements at the ballfield complex.

11

## 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: