

All Proposed Spenard Capital Projects

Project Management and Engineering

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1

Spenard Rd Reconstruction Phase II - Hillcrest Dr to Benson Blvd (03-22b)

Cost: \$18,600,000

Funds on Hand: \$1,475,000

Additional funds required: \$17,125,000

Need: The surface of the roadway is experiencing rutting, cracking, and pot holing to the point that safety may be impacted. Street maintenance expense has increased as a result of the road condition, which is deteriorating beyond the scope of normal maintenance.

Project scope: This project will construct this minor arterial to current urban standards. Improvements are expected to include a new road base, curb and gutter, storm drain, transit improvements, lighting upgrades, pedestrian crossing improvements, and landscaping.

Project Status: Contract amendment for design has been finalized. NTP has been issued to Lounsbury. Development of Revised DSR in progress. Project funding is proposed through state grants and AMATS.

2

Spenard Rd Surface Rehab - Benson Blvd to 36th Ave

Cost: \$3,000,000

Funds on Hand: \$0

Additional funds required: \$3,000,000

Need: The surface of the roadway is experiencing rutting, cracking, and pot holing to the point that safety may be impacted. Street maintenance expense has increased as a result of the road condition, which is deteriorating beyond the scope of normal maintenance.

Project scope: This project will overlay or replacement the pavement and construct ADA upgrades.

Project Status: This project has not started. Project funding is proposed with a combination of state grants and local road bonds.

3

Spenard Rd Surface Rehab - International Airport Rd to Wisconsin St

Cost: \$1,700,000

Funds on Hand: \$0

Additional funds required: \$1,700,000

Need: Pavement and curb deterioration are becoming safety concerns along this minor arterial.

Project scope: This project will overlay or replacement the pavement and construct ADA upgrades.

Project Status: This project has not started. Project funding is proposed with a combination of state grants and local road bonds.

4

Fish Creek Trail - Northwood Dr to Spenard Rd (03-27)

Cost: \$1,495,000

Funds on Hand: \$866,339

Additional funds required: \$628,661

Need: This segment of the Fish Creek Trail has never been constructed. Users must use roadways to make the connection.

Project scope: This project will construct a missing link of the Fish Creek Trail, specifically from Spenard Road to Northwood Drive. The first phase is anticipated to construct a bridge over Fish Creek.

Project Status: Design has been completed. Obtaining permits. A 2012 state grant provided initial construction funding for construction of a bridge. Bridge installation expected in the spring/summer of 2014.

5

Fish Creek Trail Upgrade - Barbara St Park to Spenard Rd

Cost: \$3,000,000

Funds on Hand: \$0

Additional funds required: \$3,000,000

Need: The Fish Creek Trail is well used and showing its age. There are many bridges that need to be replaced and sections of trail that need resurfacing.

Project scope: This project will resurface the trail segments that are worn or unsafe and replace bridges along the trail as needed. Signage will also be upgraded.

Project Status: This project has not started. Funding is proposed as a partnership of state grants and local road bonds.

6

Fish Creek Improvements - Cook Inlet to Lake Otis Pkwy

Cost:

Funds on Hand: \$0

Additional funds required:

Need: Development has affected the natural flow of the creek and creek capacity is inadequate for current flow.

Project scope: This project will construct water quality and drainage capacity improvements on Fish Creek.

Project Status: State grant funding is proposed. Several phases have already been funded and constructed.

7

Arctic Blvd Surface Rehabilitation Phase III - 36th Ave to Tudor Rd (02-10c)

Cost: \$8,000,000

Funds on Hand: \$2,280,000

Additional funds required: \$5,720,000

Need: The existing pavement has deteriorated, and the current 4-lane configuration will be improved for both traffic-flow and safety aspects.

Project scope: Improvements are expected to include pavement, curbs, a center turn lane, medians, pedestrian facilities on both sides, street lighting, storm drains, and landscaping.

Project Status: The draft design study report has been updated to reflect the three-lane configuration and is out for review. Utility relocation is expected to begin late 2014, with road construction following in 2015, depending on the availability of funding. Project

8

Lois Dr/36th Ave Upgrade - Northern Lights Blvd to Minnesota Dr

Cost: \$10,500,000

Funds on Hand: \$0

Additional funds required: \$10,500,000

Need: This is a strip paved road with inadequate drainage, lighting, and pedestrian facilities. The pavement condition is also deteriorating.

Project scope: Upgrade collector street to urban standards. Improvements are expected to include a new road base, pavement, curbs, pedestrian facilities, street lighting, storm drainage, and landscaping. The typical section will be developed in the design phase with public involvement.

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.

9

36th Ave Upgrade - Lois Dr to Minnesota Dr

Cost: \$6,000,000

Funds on Hand: \$0

Additional funds required: \$6,000,000

Need: This is a strip paved road with inadequate drainage, lighting, and pedestrian facilities. The pavement condition is also deteriorating.

Project scope: Upgrade collector street to urban standards. Improvements are expected to include a new road base, pavement, curbs, pedestrian facilities, street lighting, storm drainage, and landscaping. The typical section will be developed in the design phase with community involvement.

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 future funding consideration.

10

Benson Blvd Southside Pedestrian Facilities - Lois Dr to Minnesota Dr

Cost: \$1,500,000

Funds on Hand: \$0

Additional funds required: \$1,500,000

Need: There are no pedestrian facilities along Benson Boulevard. This corridor connects a large residential area to the west with a business/ Commercial district. This combination is a large generator of non-motorized traffic.

Project scope: This project will design and construct pedestrian facilities on the south side of Benson Boulevard. Bus stops and street lighting will also be evaluated and included in the project scope if warranted.

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

11

Benson Blvd at Spenard Rd Area Pedestrian Safety Improvements

Cost: \$1,000,000

Funds on Hand: \$0

Additional funds required: \$1,000,000

Need: This intersection has a high accident rate and pedestrian safety is a growing concern. This project is a priority in the Anchorage Pedestrian Plan.

Project scope: This project will construct pedestrian safety improvements at this intersection of arterial streets. Specific improvements will be identified in the study.

Project Status: These improvements will be included in the Spenard Rd Reconstruction Phase II project.

12

Spenard Area Railroad Crossing Pedestrian Safety Improvements

Cost: \$200,000

Funds on Hand: \$0

Additional funds required: \$200,000

Need: This need has been identified by the Spenard Community Council.

Project scope: This project would study the pedestrian crossings of the Alaska Railroad in the Spenard area and then make recommendations for safety improvements. Future funding would be pursued to implement the results of the study.

Project Status: This project has not started. There is no funding programmed in the six-year CIP for this project. However, this project will remain on the Needs List for future funding consideration.

13

W Tudor Rd Pathway Connection

Cost: \$500,000

Funds on Hand: \$0

Additional funds required: \$500,000

Need: This project need was identified by the Spenard Community Council. The project is a priority for the community council. There are pedestrian facilities on either side of the railroad crossing, but a 250 foot section spanning the railroad tracks has no facilities. The lack of pedestrian facilities negatively impacts safety for non-motorized users.

Project scope: Construct pedestrian facilities to connect to the existing facilities on either side of the railroad tracks.

Project Status: The project has not started. The project will remain on the Needs List for future funding consideration.

14

Turnagain Blvd Upgrade - 35th Ave to Spenard Rd

Cost: \$7,000,000

Funds on Hand: \$250,000

Additional funds required: \$6,750,000

Need: Turnagain Boulevard is a two lane road that functions as a residential collector. There are no pedestrian facilities. The existing drainage is a combination of ditches and underground storm drains.

Project scope: Upgrade the road to urban collector standards. Improvements typically include a new road base, pavement, curb and gutters, storm drain, pedestrian facilities, lighting upgrades, and landscaping.

Project Status: The design study, funded by a 2010 state grant, is substantially complete.

27th Ave Pedestrian Safety - Minnesota Dr to Blueberry Rd (13-39)

Cost: \$1,750,000

Funds on Hand: \$500,000

Additional funds required: \$1,250,000

Need: This is a high volume pedestrian corridor in mid-town Anchorage. 27th Avenue has no pedestrian facilities between Spenard Road and Blueberry Road. The existing attached sidewalks between Minnesota Drive and Spenard Road are often used for parking. This project is a high priority in the Anchorage Pedestrian Plan.

Project scope: This project will construct pedestrian safety improvements along this corridor. The exact improvements will be determined in the design phase.

Project Status: A 2013 state grant has funded the Design Study Report. A RFP is being developed.

Senate District J 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: 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 Status: State grant funding is proposed annually to fund this program.

Senate District K 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.

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.

Fireweed Ln at Arctic Blvd Pedestrian Safety

Cost: \$650,000

Funds on Hand: \$0

Additional funds required: \$650,000

Need: This project is a priority in the Anchorage Pedestrian Plan. This is a high volume pedestrian area located between a residential area and the mid-town commercial district.

Project scope: This project will construct pedestrian safety improvements to this intersection. The exact improvements will be determined in the design phase.

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

20

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.

21

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.

22

Lakeshore Dr Extension/Upgrade - Aero Ave to Wisconsin St

Cost: \$23,000,000

Funds on Hand: \$0

Additional funds required: \$23,000,000

Need: While no immediate need exists, the OS&HP identifies this as a possible future collector street connection.

Project scope: Improvements would include a new road base, curbs, pavement, underground storm drains, street lighting, and pedestrian facilities.

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 Projects Needs List for future funding consideration. The project is identified as a collector route in the Official Streets & Highways Plan.

State of Alaska

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1

Northern Lights Blvd @ Spenard Rd Intersection Improvements (HSIP)

Cost: \$240,000

Funds on Hand: \$0

Additional funds required: \$240,000

Need: Safety concerns have been identified at this intersection.

Project scope: This project will construct improvements to the intersection of Northern Lights Boulevard and Spenard Road.

Project Status: Project is incorporated into the Municipality's Spenard Road project.

2

Northern Lights Blvd/Benson Blvd Rut Repair - Minnesota Dr to Wisconsin St

Cost: \$2,000,000

Funds on Hand: \$0

Additional funds required: \$2,000,000

Need: The rutting of this road surface may impact safety and maintenance.

Project scope: Overlay or re-surface the existing roadway.

Project Status: This is a state-owned facility. Evaluation and prioritization are done by the State DOT. This project is on the Central Regions rut repair needs list.

3

International Airport Rd Frontage Road Pathway - Northwood Dr to Spenard Rd

Cost: \$1,000,000

Funds on Hand: \$0

Additional funds required: \$1,000,000

Need: This need was identified by the Spenard Community Council.

Project scope: Construct a pathway or widen the roadway to accommodate non-vehicular traffic from Northwood Drive to Spenard Road.

Project Status: The project has not started. This is state-owned right-of-way so project evaluation and prioritization will be done by the State of Alaska DOT&PF.

4

Minnesota Dr Corridor Controlled Access - Northern Lights Blvd to International Airport Rd

Cost: \$19,900,000

Funds on Hand: \$0

Additional funds required: \$19,900,000

Need: Traffic is expected to continue to increase beyond the capacity of the existing configuration. Direct access to Minnesota Drive is an impediment to the optimal use of a major arterial as a safe, efficient traffic conduit.

Project scope: The anticipated scope would focus on limiting access to Minnesota Drive.

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.

5

Fireweed Ln Reconstruction - Spenard Rd to Seward Hwy

Cost: \$10,414,500

Funds on Hand: \$3,389,500

Additional funds required: \$7,025,000

Need: There are safety and capacity concerns with the existing 4-lane road section, especially with regard to pedestrians and non-motorized travel.

Project scope: Project involves complete reconstruction of Fireweed Lane between Spenard Road and the Seward Highway and will include pedestrian, transit, bicycle and landscape improvements.

Project Status: Project transferred back to DOT and no work is underway. 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.

6

International Airport Rd Interchange at Postmark Dr

Cost: \$21,000,000

Funds on Hand: \$0

Additional funds required: \$21,000,000

Need: Anticipated traffic increases may call for capacity improvements at this intersection. This project is identified in the Metropolitan Transportation Plan (MTP).

Project scope: One potential capacity improvement is construction of an interchange.

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

7

International Airport Rd/Jewel Lake Rd Grade Separation

Cost: \$45,000,000

Funds on Hand: \$0

Additional funds required: \$45,000,000

Need: Anticipated traffic increases may call for capacity improvements at this intersection. This project is identified in the Metropolitan Transportation Plan (MTP).

Project scope: Capacity improvements may include a grade separated intersection.

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

8

Minnesota Dr at Tudor Rd Interchange

Cost: \$25,000,000

Funds on Hand: \$0

Additional funds required: \$25,000,000

Need: Traffic is expected to continue to increase at this intersection.

Project scope: This project would study the feasibility of constructing an interchange at this intersection.

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 through the State of Alaska.

Parks and Recreation

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1

Roosevelt Park

Cost: \$100,000

Funds on Hand: \$0

Additional funds required: \$100,000

Need: Roosevelt Park is an important neighborhood park playground for the Spenard neighborhood. The playground and safety surfacing need to be compliant with current industry-wide safety standards.

Project scope: Funds will be used to repair the playground and safety surfacing and fix neighborhood park amenities.

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

2

Red Bridge Park

Cost: \$125,000

Funds on Hand: \$0

Additional funds required: \$125,000

Need: Red Bridge Park is an important neighborhood park playground for the Spenard neighborhood. The playground and safety surfacing need to be compliant with current industry-wide safety standards. Additionally, there is an important trail connection through the park. Asphalt and bridge repairs are necessary.

Project scope: Funds will be used to repair the playground and safety surfacing and fix neighborhood park amenities.

Project Status: Park Maintenance performs monthly safety inspections and repairs the park assets as necessary. In 2008 the Spenard Community completed a neighborhood park report card and in 2009 volunteer completed a volunteer park fix-it. Some of the tot-lot playground elements were replaced.

3

Cope Street Park

Cost: \$100,000

Funds on Hand: \$0

Additional funds required: \$100,000

Need: Cope Street Park is an important neighborhood park playground for the Spenard neighborhood. The playground and safety surfacing need to be compliant with current industry-wide safety standards. Additionally, there is an important trail connection through the park. Asphalt and bridge repairs are necessary.

Project scope: Funds will be used to repair the playground and safety surfacing and fix neighborhood park amenities.

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

4

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.

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 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.

6

Didlika Park

Cost: \$250,000

Funds on Hand: \$0

Additional funds required: \$250,000

Need: Didlika Park is an important neighborhood park playground for the Turnagain and Spenard neighborhoods. The playground and safety surfacing need to be compliant with current industry-wide safety standards.

Project scope: Funds will be used to repair the playground and safety surfacing and fix neighborhood park amenities.

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