All Proposed Northeast Capital Projects

Project Management and Engineering

Displaying 1 - 23 of 23

1

Bolin St Storm Drain Upgrade (12-74)

Cost: \$2,800,000

Funds on Hand: \$300,000

Additional funds required: \$2,500,000

Need: The homes on the eastern edge of the Municipal boundary are experiencing flooding due to a combination of high ground water and surface flow from military land. The existing drainage infrastructure is insufficient to handle the demand.

Project scope: Upgrade storm drain.

Project Status: HDL is nearing 65% design submittal. Decision has been made to replace the storm drain in Bolin, 4th, and Cherry Streets to connect with existing pipe large enough to handle the flows.

2

Elmrich Subdivision Area Drainage

Cost: \$100,000 Funds on Hand: \$0

Additional funds required: \$100,000

Need: Glaciation and flooding impact safety in this subdivision. This project is a priority for the Northeast Community Council.

Project scope: Construct drainage improvements in the Elmrich subdivision area.

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.

3

Foothills East Subdivision Area Reconstruction (12-27)

Cost: \$5,000,000

Funds on Hand: \$2,000,000

Additional funds required: \$3,000,000

Need: The streets in this neighborhood suffer from the lack of proper drainage. The road base has deteriorated to the point that it must be reconstructed as evidenced by severe frost heaving and cracking and pot holing in the pavement surface.

Project scope: This project will reconstruct the streets of Foothills East Subdivision north of 17th Avenue. Improvements are expected to include a new road base, installation of a storm drain system with curb and gutter, street lighting, landscaping, and pedestrian facilities if warranted.

Project Status: The Draft Design Study Memo has been finalized. Work has begun on the 65% design. Project information was sent to property owners. Survey has been done. A 2012 state grant funded design. State grant funding is proposed for construction.

4

Greendale Ave Drainage Improvements - 18th Ave to 19th Ave

Cost: \$500,000 Funds on Hand: \$0

Additional funds required: \$500,000

Need: Glaciation and flooding impact safety on this roadway. This project is a priority for the Northeast Community Council. The existing storm drain system is critically needs to be replaced to solve current problems. This need was identified by Street Maintenance as a priority.

Project scope: Replace or slip line the existing storm drain system. Replace pavement and curbs as needed.

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.

5

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.

6

Duben Ave Upgrade - Muldoon Rd to Bolin St (12-32)

Cost: \$8,800,000

Funds on Hand: \$3,000,000

Additional funds required: \$5,800,000

Need: This is a strip paved road with inadequate drainage, pedestrian, and lighting facilities.

Project scope: Improvements are expected to include pavement, curbs, pedestrian facilities, street lighting, storm drains, and landscaping. The actual scope will be developed during the design phase which includes public involvement.

Project Status: Draft DSR is out for review. Property acquisition negotiations underway.

7

Duben Ave Upgrade - Patterson St to Muldoon Rd (12-33)

Cost: \$9,800,000

Funds on Hand: \$3,000,000

Additional funds required: \$6,800,000

Need: This local road has never been constructed to standards. This segment of road has steep grades and connecting driveways and cross streets on the slopes. Vertical sight lines are minimal. The slope challenges on this road segment negatively impact safety.

Project scope: The upgrade would include a new road base, curbs, pavement, drainage, lighting, and pedestrian facilities.

Project Status: Draft DSR is out for review. Property acquisition negotiations underway.

8

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.

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

Prosperity Dr/More Ln Trail Reconstruction

Cost: \$60,000 Funds on Hand: \$0

Additional funds required: \$60,000

Need: This trail has deteriorated due to tree roots undermining the asphalt and tree shoots blocking sections of the trail. This project was brought to our attention by a

local resident.

Project scope: Reconstruct the trail to eliminate the tree root issue.

Project Status: This project has not started. 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

Senate District M Local Road Rehabilitation

Cost: \$30,000,000

Funds on Hand: \$2,000,000

Additional funds required: \$28,000,000

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.

12

North Fork of Chester Creek - Muldoon Rd to Military Boundary

Cost: \$3,000,000 Funds on Hand: \$0

Additional funds required: \$3,000,000

Need: Due to residential development in the Chester Creek drainage basin, priority creek improvements are required to address flooding, erosion, and water quality issues.

Project scope: This project will design and construct erosion, fish habitat, flooding, and storm drain improvements to Chester Creek.

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.

13

Oklahoma St Surface Rehab - Boundary Rd to 4th Ave

Cost: \$1,000,000 Funds on Hand: \$0

Additional funds required: \$1,000,000

Need: Pavement and curbs are deteriorating on this collector route.

Project scope: This project will rehab the pavement and curbs as required.

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

Northeast Muldoon Local Road Resurfacing

Cost:

Funds on Hand: \$0

Additional funds required:

Need: The road segments identified by the community council are in poor condition. Pavement has deteriorated and safety may be impacted in the future. This project is a priority for the Northeast Community Council.

Project scope: Resurface East 11th Court and Cherry and Valley Streets between 6th and 10th Avenues.

Project Status: No work is underway and no funding is proposed in the six-year Capital Improvement Program. The project has been added to the Capital Projects Needs List for future funding consideration.

15

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.

10

Oklahoma St Traffic Calming - Boundary Ave to 6th Ave

Cost:

Funds on Hand: \$0

Additional funds required:

Need: This project is a priority for the Northeast Community Council.

Project scope: This project will construct traffic calming improvements on Oklahoma Street.

Project Status: This project has been added to the Traffic Calming needs list for future funding consideration through the Traffic Calming program.

17

Patterson St Surface rehab/Pedestrian Upgrade - Debarr Rd to 20th Ave

Cost: \$170,000 Funds on Hand: \$0

Additional funds required: \$170,000

Need: This street and related crossings serve Chester Valley Elementary School. The project is identified in the Anchorage Pedestrian Plan.

Project scope: Construct pedestrian upgrades to the section of Patterson St that serves Chester Valley Elementary. This project will rehab pavement and curbs as required. Installation of traffic calming and pedestrian improvements may be included. The route is designated as a collector in the Official Streets and Highways Plan (OS&HP)

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.

18

Staedem Dr Traffic Calming

Cost: \$25,000 Funds on Hand: \$0

Additional funds required: \$25,000

Need: This project is a priority for the Northeast Community Council.

Project scope: This project would design and construct traffic calming improvements on Staedem Drive.

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.

Elmrich Subdivision Area Traffic Calming

Cost: \$50,000 Funds on Hand: \$0

Additional funds required: \$50,000

Need: Local residents are concerned about high speeds of motorists and cut-through traffic. This project is a priority for the Northeast Community Council.

Project scope: This project will construct traffic calming improvements in the Elmrich Subdivision area including Trafford Lane, Dickerson Drive, 2nd Avenue, and Fern

Project Status: No work is underway and no funding is proposed in the six-year Capital Improvement Program. The project has been added to the Traffic Calming Needs List for future funding consideration.

20

Patterson St Area Traffic Calming (12-64)

Cost: \$900,000 Funds on Hand: \$0

Additional funds required: \$900,000

Need: The Community Council and area residents have expressed concern with speeding in the school vicinity.

Project scope: This project will construct traffic calming safety improvements from Debarr Road to the Elementary School.

Project Status: Traffic Division is running the preliminary work.

21

Northeast Pedestrian Development Plan

Cost: \$90,000 Funds on Hand: \$0

Additional funds required: \$90,000

Need: The entire Northeast Community Council area has approximately 40% coverage with sidewalks, but additional sidewalks along school routes, connection between existing neighborhoods and the new Mall along Oilwell Road would benefit users and make safer neighborhoods.

Project scope: This funding will follow and implement the recommendations of the Anchorage Pedestrian Plan by looking in more detail to the sidewalk/pathway connections and safety improvements within neighborhoods and to the new developing commercial centers.

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.

22

Northeast District Traffic Circulation and Safety Study

Cost: \$360,000 Funds on Hand: \$0

Additional funds required: \$360,000

Need: The East Anchorage District Plan will provide an importantly review of the transportation circulation and safety need for the area, however the necessary funding to support an in-depth and complete analysis is lacking. This study will support that effort and bring recommendation and priorities.

Project scope: This effort will focus on the traffic circulation and safety impacts of the new commercial developments at the northeast regional mall and the growing Creekside Town Center. The scope of the transportation circulation and safety study is to focus on the coordination of the future streets in the study area, with particular interest of connectivity between subdivisions, where applicable. The plan will also identify potential traffic related problems that may occur as a result of land use development related to location and density with recommendations to address those concerns. The study scope is expected to focus on the residential street network within neighborhoods. The result is expected to provide better neighborhood internal circulation which could lessen the burden of arterial streets carrying localized traffic needs.

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.

23

Centennial Bike Trail

Cost:

Funds on Hand: \$0

Additional funds required:

Need:

Project scope: Create a new bike trails along military civilian boundary to connect far north bicentennial park with Muldoon Community Park and Centennial Park.

Project Status: This need is pending review by MOA

State of Alaska

Displaying 1 - 2 of 2

1

Muldoon Rd/Glenn Hwy Interchange

Cost: \$20,000,000 Funds on Hand: \$0

Additional funds required: \$20,000,000

Need: Capacity and safety issues have been raised at this interchange. The addition of the Tikahtnu Commons commercial district has strained this interchange beyond its design capacity.

Project scope: Construct capacity and safety improvements to be identified in the design study phase.

Project Status: A 2012 state grant funded initial design efforts for the Department of Transportation. This is a state-owned facility and evaluation and funding would be by the State of Alaska.

2

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.

Parks and Recreation

Displaying 1 - 9 of 9

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Muldoon Town Square Park

Cost

Funds on Hand: \$0

Additional funds required:

Need: The Anchorage 2020 plan forecasts 11,000 new residents in East Anchorage. Much of the housing to the new residents will be high density, which often does not have lawns or green space. The park is pivotal to ensure a lively, inviting neighborhood instead of a crowded cluster of housing. In addition, the Anchorage Parks Plan data shows Northeast Anchorage is deficient in neighborhood parks. A park in this area would highlight beautiful Chester Creek, and provide area schools with educational opportunities about the importance of Anchorage's waterways. It would also provide Northeast Anchorage with a much needed community garden (Anchorage's current community gardens have been filled to capacity). Lastly, this park would provide East Anchorage with a beautiful, inviting gateway to Muldoon, and give Muldoon much needed beautification.

Project scope: Develop a multi-use community park at the Southeast corner of Debarr and Muldoon Road. The municipal land fronting on Muldoon Road and often referred to as the Muldoon Greenhouse Property. This park will join with Windsong Park and Muldoon Community Park to create one large multi-purpose community park.

Project Status: This need is pending review by MOA

2

Centennial Park

Cost: \$750,000

Funds on Hand: \$500,000

Additional funds required: \$250,000

Need: In 2012 the Department worked with the NE community to complete a campground improvement plan that would upgrade campground facilities to meet the needs of modern RV and tent campers. Many of the items will be completed during the 2013 construction season, however one large line item, the bathroom buildings, will require additional funding to complete. The existing restroom facilities are old, difficult to maintain and constantly in disrepair. The restrooms need to be upgraded to meet the needs of modern campers, but also be functional to maintain.

Project scope: Funds will be used to replace dilapidated and out of date restroom facilities.

Project Status: Currently the department is completing a campground improvement project that includes the installation of Wi-Fi, electrical hook-ups to more campsites, and landscape improvements for basic aesthetic and safety improvements and also to accommodate larger RVs. Existing funds will be used to design the new restroom facilities and new funding will be used for construction.

3

Nunaka Valley Park

Cost: \$500,000 Funds on Hand: \$0

Additional funds required: \$500,000

Need: This well-loved park in the heart of Nunaka Valley is much loved by residents. There are community conflicts because of intense park use. The master plan will identify solutions and improvements to the conflict.

Project scope: Funds will be used to design and construct park improvements identified in the master plan.

Project Status: A park replat and master plan are just beginning.

4

Turpin Park Playground

Cost: \$200,000 Funds on Hand: \$0

Additional funds required: \$200,000

Need: Turpin Park is an important playground for the Northeast Anchorage 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.

5

Standish Park

Cost: \$125,000 Funds on Hand: \$0

Additional funds required: \$125,000

Need: Standish Park is an important playground for Northeast Anchorage. 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. In 2008, NE residents completed a neighborhood park report card and in 2009, community volunteers completed a neighborhood park fix-it.

6

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.

7

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.

8

Bike Trail Repair

Cost:

Funds on Hand: \$0

Additional funds required:

Need:

Project scope: Resurfacing and tree cutting on existing trails from Red Leaf Circle to Fall Leaf Circle and Gaylene Circle to Cherry Street.

Project Status: This need is pending review by MOA

9

Centennial Park Bike Trail Extension

Cost:

Funds on Hand: \$0

Additional funds required:

Need:

Project scope: A green belt extending east from Centennial Park to the military fence to provide a suitable easement to connect Centennial Park to the proposed bike trail along the Military / Civilian boundary

Project Status: This need is pending review by MOA