

## All Proposed Birchwood Capital Projects

### Project Management and Engineering

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1

#### Improvement design for Terrace Lane

Cost:  
 Funds on Hand: \$0  
 Additional funds required:  
 Need: This project needs a traffic study conducted during the school year, a traffic projection that accounts for anticipated development on Eklutna land west of Terrace Lane, and an improvement design for Terrace Lane, its intersection with Eklutna Park Drive, and the adjacent Glenn Highway on- and off-ramps.  
 Project scope: A improvement design for Terrace Lane, its intersection with Eklutna Park Drive, and the adjacent Glenn Highway on- and off-ramps. Eklutna land west of Terrace Lane has grown significantly in the past 10 years, and is expected to reach approximately 1,560 single-family homes with a new school site and a 6.5-acre commercial/retail development.  
 Project Status: This need is pending review by MOA

2

#### Eagle River Chugiak Road and Drainage System Rehab

Cost: \$30,000,000  
 Funds on Hand: \$0  
 Additional funds required: \$30,000,000  
 Need: Road and drainage needs exist throughout the service area.  
 Project scope: Construct road and drainage improvements.  
 Project Status: The Chugiak, Birchwood, Eagle River Rural Road Service Area Board manages funding collected through property taxes for road and drainage improvements in their area. The local road board evaluates and prioritizes projects for funding. In addition, state grant funding is pursued annually.

3

#### Birchwood-Chugiak-Eagle River Areawide Drainage Plan

Cost: \$500,000  
 Funds on Hand: \$0  
 Additional funds required: \$500,000  
 Need: Development in this region has produced a need for an areawide plan to handle future drainage needs. The last drainage plan was done in 1987.  
 Project scope: This project will do a comprehensive study of the storm water drainage in the Chugiak-Eagle River area and make drainage plan recommendations.  
 Project Status: No work is underway. State grant funding is proposed.

4

#### Birchwood/Chugiak/Eagle River Areawide Subsurface Aquifer Study

Cost: \$500,000  
 Funds on Hand: \$0  
 Additional funds required: \$500,000  
 Need: A majority of the developed properties in Birchwood-Chugiak-Eagle River rely upon on-site water well and septic systems rather than public utilities. Little is known of the location of all subsurface aquifers that serve these rural properties. Proper planning requires identification of the aquifers. Insufficient information can produce negative impacts on the health and the environment as well as to the pocketbook. This study is included in the Chugiak-Eagle River Comprehensive Plan.  
 Project scope: This project will do a comprehensive study of the subsurface aquifers in the Birchwood-Chugiak-Eagle River area.  
 Project Status: No work is underway. State grant funding is proposed.

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### State of Alaska

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1

#### Glenn Hwy Expansion (HOV Lanes) - North Eagle River Access Rd to South Birchwood Lp

Cost: \$0  
 Funds on Hand:  
 Additional funds required: \$0  
 Need: The Metropolitan Transportation Plan anticipates the need to add lanes to address increased traffic volumes and congestion.  
 Project scope: Tentative scope would include expanding both north and south directions from 2-lane to 3-lane configurations.

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 through the State of Alaska.

2

## Chugiak High School Access Improvements (South Birchwood Loop Rd)

Cost: \$0

Funds on Hand:

Additional funds required: \$0

Need: No clear purpose and need have been communicated.

Project scope: No clear scope has been suggested.

Project Status: No work is underway. This is a state owned facility and prioritization and funding would be through the State of Alaska.

3

## North Birchwood Loop Rd/Birchwood Spur Rd Surface Rehabilitation

Cost: \$4,000,000

Funds on Hand: \$0

Additional funds required: \$4,000,000

Need: This road has never been constructed to standards.

Project scope: This project will re-surface the existing roadway, rehabilitate the drainage ditches and shoulders, replacing culverts as needed, and replacing/installing guardrail as needed.

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 identified as an arterial in the Official Streets and Highways Plan.

4

## South Birchwood Loop Rd Pavement Rehab

Cost: \$8,000,000

Funds on Hand: \$0

Additional funds required: \$8,000,000

Need: The pavement on this collector is beginning to deteriorate.

Project scope: Replace the existing surface with new layers of asphalt.

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 collector in the Official Streets and Highways Plan (OS&HP).

5

## South Birchwood Loop Trail - Glenn Hwy to Birchtree St

Cost: \$2,000,000

Funds on Hand: \$0

Additional funds required: \$2,000,000

Need: No trail exists. South Birchwood Loop is designated as a collector route in the OS&HP. This project is included in the Anchorage Pedestrian Plan.

Project scope: This project would construct a trail with a hardened natural organic surface.

Project Status: No work is currently scheduled in the 6-year Capital Improvement Program. However, this is a state owned facility and prioritization and funding would be through the State of Alaska.

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## Parks and Recreation

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1

## Cemeteries for Eagle River and Girdwood

Cost:

Funds on Hand: \$0

Additional funds required:

Need: HLB and Parks and Recreation review their holdings for land appropriate for a cemetery; and that the municipality proceed with the process for creating public cemeteries in the two communities.

Project scope: Currently neither Girdwood nor the Eagle River/ Chugiak area have any public cemeteries. As both of these areas are growing communities, we would like to request that HLB and Parks and Recreation review their holdings for land appropriate for a cemetery; and that the municipality proceed with the process for creating public cemeteries in the two communities.

Project Status: This need is pending review by MOA

2

## 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.

## **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.

4

## **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.