

MATANUSKA-SUSITNA BOROUGH CAPITAL IMPROVEMENT PROGRAM FY 2013 - FY 2018



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Executive Summary

The Capital Improvement Program (CIP) is a six year programming document of proposed capital improvements for the Matanuska-Susitna Borough. The CIP identifies the community's needs for capital projects and is adopted annually by the Borough Assembly after public review and comments from various boards and community organizations.

Borough code requires that the manager submit a proposed Capital Improvement Program (CIP) to the Assembly no later than December 1 of every year. After the Assembly adopts the final CIP, the document is submitted to the Governor, State Legislature, and Alaska Department of Transportation and Public Facilities (ADOT/PF) for funding consideration.

The Borough's CIP is divided into several major categories. A summary of the prioritized projects for each category are as follows:

Planning Related Projects

In Progress

- Big Lake Community Impact Assessment
- Corridor Study between Port MacKenzie Development Area and the Parks Highway
- Green Infrastructure Plan (Borough-wide)
- Lake Lorraine Development Plan
- Long Range Transportation Plan update
- Meadow Lakes Hydrology Study
- Museum Preservation and Maintenance Plan
- Port MacKenzie Hydrology Study
- Port MacKenzie Utility Plan
- Regional Stormwater Management Plan
- Regional Transit Authority Plan
- Transportation Design Criteria Manual
- Willow Airport Master Plan

National Highway System Projects

Partially Funded Projects

1. Parks Highway Improvements - Lucus Road to Big Lake MP 44-52.3
2. Knik Arm Crossing
3. Glenn Highway Improvements MP 34-42.5 (Parks Highway to Arctic Avenue/Old Glenn)
4. Parks Highway Alternative Corridor
5. Glenn Highway Improvements MP 66.5-80 (Chickaloon)
6. Glenn Highway Improvements MP 80-92 (Long Lake to Cascade)
7. Glenn Highway Improvements MP 53-56 (Moose Creek Canyon)
8. Glenn Highway Realignment MP 49
9. Glenn Highway MP 28-32 ITS
10. Parks Highway MP 163-185 Rehabilitation (Northern Region to East Fork Chulitina)

Unfunded Projects

1. Parks Highway Rehabilitation MP 133-147 (Chulitna River Bridge to Byer's Lake)
2. Parks Highway Rehabilitation MP 83-90 (Kashwitna to the area between Sheep Creek and Montana Creek)
3. Parks Highway Rehabilitation MP 90-98.5 (The area between Sheep Creek and Montana Creek to Talkeetna Spur Road)
4. Parks Highway Rehabilitation MP 98.5-115 (Talkeetna Spur Road to Petersville Road)
5. Parks Highway Rehabilitation MP 115-133 (Petersville Road to Chulitna River Bridge)
6. Parks Highway Rehabilitation MP 147-163 (Byer's Lake to Little Coal Creek)

National Highway Projects Currently Under Construction

1. Parks Highway Upgrade to Eliminate Truck Weight Restrictions
2. Parks Highway Rehabilitation MP 72-83
3. Glenn Highway Illumination Project

Alaska Highway System Projects

Partially Funded Projects

1. Palmer-Wasilla Highway Reconstruction
2. Knik-Goose Bay Road Upgrade
3. South Big Lake Road Realignment
4. Burma Road Realignment and Upgrade

Unfunded Projects

1. Vine Road Upgrade
2. Big Lake Road Realignment/Bypass
3. Point MacKenzie Road Upgrade

Projects Currently Under Construction

1. Point MacKenzie Road Upgrade MP 21.8 – 23 (AKA Don Young Road)

Community Transportation Program

Highway Infrastructure Projects

Partially Funded Projects (Top Priorities)

1. MSB Transportation Bond Package
 - Palmer, Dogwood Avenue/Felton Street Extension
 - Collector Road Access Construction to Machetanz Elementary School
 - Wasilla, Clapp/Mack Road Extension
 - Big Lake and South Big Lake Road Intersection Improvements
 - Houston, Hawk Lane Upgrade and Paving
 - Seldon and Lucille Street Intersection Safety Improvements
 - Sullivan and Caudill Road Upgrade - Old Glenn Highway to Plumley Road
 - Caswell Lakes Road to Bendapole Road to East Passthebaite Avenue to Hidden Hills
 - Willow Lake Drive Upgrade, Paving, and Extension
 - Vine Road Upgrade and Pathway
 - Seldon Road Extension Church Road to Beverly Lake Road
 - Paved Pathway adjacent to Old Glenn Highway in Butte
 - Paved Pathway adjacent to Wright Way and Chickaloon Way from Sutton Elementary School to Glenn Highway
2. Bogard East Extension to Glenn Highway
3. Knik-Goose Bay Road Reconstruction (4 lanes)
4. Fern Street Extension
5. Trunk Road (includes separated paths) Phase II
6. Seward Meridian Parkway Extension North, Upgrade and Separated Path
7. South Trunk Road Extension and Intersection Improvements
8. Palmer-Wasilla East Terminus
9. Lucille Street Improvements
10. Wasilla Main Street/Yenlo Street One-way Couplet (Wasilla Fishhook Road/Main Street in STIP)
11. Bogard/Seldon Corridor, Wasilla Fishhook to Trunk, Four-lane Upgrade
12. Mat-Su Arterial Roads and Bridge Improvements

Partially Funded Highway Infrastructure Project Needs List (Alphabetized)[m1]

- Collector Road Connections (complements Park Highway)
- Fairview Loop/Knik-Goose Bay Road Intersection Realignment
- Fairview Loop Road Upgrade, Minor Realignment and Separated Pathway
- Fish Creek Development – Little Su Crossing
- Hatcher Pass Scenic Overlook and Trailhead
- Hermon Road Extension
- Jenson-Soapstone Connection
- Knik River Road Upgrade
- Lucas Road Upgrades
- Seward Meridian Parkway Extension South
- Substandard Road Improvements
- Willow-Fishhook Upgrade (Hatcher Pass Road) MP 18 -25
- Willow-Fishhook Upgrade (Hatcher Pass Road) MP 25 -39

Unfunded Highway Infrastructure Projects

1. Pittman Road Grade Separated Crossing
2. Upgrade Knik-Goose Bay Road/Point MacKenzie Road to a 4-lane to Intersection with Burma Road
3. Riley Avenue Extension
4. Clark-Wolverine Road Upgrade and Minor Realignment (Old Glenn Highway to Clark Road)
5. Sylvan Road Extension to Sylvan Lane
6. Palmer-Fishhook Road Upgrade and Separated Pathway
7. Hemmer Road South Extension
8. Little Su River Access Road Upgrade
9. Sun Mountain Avenue Extension
10. Old Matanuska Road Rehabilitation
11. Road Upgrade/Dust Control/Paving Grant Matching Program
 - City of Palmer – Road Upgrade/Paving Grant Matching Program
 - City of Wasilla – Road Upgrade/Paving Grant Matching Program
 - City of Houston – Road Upgrade/Paving Grant Matching Program
12. Callison Street Reconstruction and Extension
13. Airola Drive Extension to Forest Lake Drive
14. Fish Lake Road Paving
15. Port MacKenzie South Access Road
16. Lake Lorraine Loop Road
17. Port MacKenzie Frontage Roads
18. Lu Young Lane Upgrade
19. Cobb Street Rehabilitation

Public Transit Projects

Partially Funded Projects

1. Port MacKenzie Intermodal Facility
2. Port MacKenzie Ferry Queuing and parking Area Improvements
3. Wasilla Station Intermodal Passenger Terminal
4. MASCOT Systems Improvements
5. Vanpool - Mixed Day Schedule Vehicle
6. Mat-Su Transit Improvements

Unfunded Public Transit Projects

1. MSB/Transit Central Maintenance & Washing Facility
2. Park and Ride Lot Upgrades/New Lots
 - Parks Highway (Lucas to Big Lake)
 - Alaska State Fair Grounds - Palmer

- Meadow Lakes Community
 - Hyer Road
 - Knik-Goose Bay & Vine
3. Talkeetna Parking and Access Improvements
 4. Palmer Station Intermodal Passenger Terminal
 5. Sutton Intermodal Facility
 6. South Trunk Intermodal Facility
 7. Meadow Lakes Community Intermodal Parking Facility
 8. Houston Intermodal Passenger Terminal
 9. Willow Intermodal Facility
 10. Talkeetna Intermodal Facility
 11. Wasilla Midtown Intermodal Facility
 12. Birch Creek Villas Senior Housing Bus Stop (Meadow Lakes)
 13. Increased MASCOT stops in the Meadow Lakes Community

Public Transit Projects Currently Under Construction

1. Seward-Meridian Park and Ride Lot Upgrade
2. Core Area Bus Stops

Transportation Safety Projects

1. Safety Crossings on the Parks Highway at Susitna Valley Junior/Senior High School

Partially Funded Transportation Safety Projects

1. Traffic Light at intersection of Johnson Road and parks Highway for Fire Station 7-3
2. Knik-Goose Bay/Fern Street Intersection Improvements
3. Traffic Calming at Various Locations
4. Seldon-Lucille Intersection Improvements

Unfunded Transportation Safety Projects

1. Right Turn Lane on Pittman at Parks Highway
2. Turn Lanes at Midnight Sun School
3. Turn Lane at Fire Station 7-1
4. Parks Highway/Hidden Hills Road Turn Lanes
5. Safety Corridors - Palmer-Wasilla Highway
6. Wolverine Canyon Guard Rails
7. Fairview Loop Guard Rails
8. Upgrade of Papoose Twins Road and Trailhead for Crooked Lake Trail
9. Glenn Highway/East Inner Springer Loop Intersection Improvements
10. Mile 55½ Glenn Highway - Education Campus Access

Lighting and Illumination Projects

1. School Zone Flashing Caution Lights
 - Meadow Lakes Elementary
 - Seldon Road at the intersection of Lakeview Road & Seward Meridian Parkway
 - Larson Elementary
 - Cottonwood Creek Elementary
 - Snowshoe Elementary
 - Burchell High School
 - Teeland Middle & Career & Technical High School
 - Pioneer Peak Elementary
 - Palmer High School
2. Big Lake Road and Kenlar Road Intersection Illumination
3. School/Transit Bus Stop Illumination
 - Meadow Lakes
 - Fairview Loop
 - Lakeside Bus Stops
 - Shaw Elementary
4. Business District Street Lighting (Big Lake)

5. Entrance Lighting at Meadow Lakes Senior Center at the end of Kim Drive in Birch Creek Subdivision
6. Illumination of Port MacKenzie Road System

Bridge Projects

Partially Funded Bridge Projects

1. Deneki Meadows Bridge on Michelle Drive (RSA #20 – Willow)
2. Gate Creek at Sylvia-Ann Marie (RSA #30 – Trapper Creek)
3. Cottonwood Creek at Earl Drive (RSA #25 – Bogard)
4. Willow Creek at Grubstake (RSA #20 – Willow)
5. Kroto Creek at Oilwell Road (RSA #30 – Trapper Creek)
6. Moose Creek at Oilwell Road (RSA #30 – Trapper Creek)
7. Fish Creek at Lewis Parkway Road (RSA #17 – Knik)
8. Little Susitna River Bridge on Welch Way (RSA #28 – Gold Trail)
9. Little Susitna River Bridge at Moose Meadows Road (RSA #28 – Gold Trail)
10. Trapper Creek Bridge at Bradley (RSA #30 – Trapper Creek)
11. Montana Creek Bridge at Yoder Road (RSA #29 – Talkeetna)
12. Bodenburg Creek Bridge at Sullivan Avenue (RSA #26 – Butte)
13. Little Susitna River Bridge at Susitna Parkway (Big Lake)

Unfunded Bridge Projects

1. Little Susitna Crossing at Coles Road (RSA #28 – Gold Trail)
2. Dinty Lake Bridge Construction (Lake Louise)
3. Fish Creek Bridge at Echo Lake Road (RSA #21 – Big Lake)
4. Chulitna River Crossing (Off of Parks Hwy)
5. Cottonwood Creek Bridge at King Salmon Drive

Impoundment Projects

Unfunded Projects

1. Caswell Lakes
2. Phillips Drive
3. Upper Caswell Lakes Spillway

Airport Projects

Big Lake Airport

1. Install New Lighting System
2. Two-Bay Equipment Building and Front End Loader

Goose Bay Airport

1. Security Fence

Lake Louise Airport

1. Capping the runway, taxiway and apron with D-1 material
2. Reflective runway markers

Matanuska-Susitna Borough Airport

1. Floatplane Facility, Phase II

Palmer Municipal Airport

1. Rental T-Hangers
2. Update Airport Layout Plan (ALP) to implement new Airport Master Plan
3. Acquire Runway 9 RPZ Tract B (8+ acres)

4. Aircraft Tie Down Plugins
5. Paint Flight Service Building and Office Remodel
6. Security Gates
7. Design Runway 16/34 Rehabilitation
8. Runway 16/34 Rehabilitation

Talkeetna Airport

1. New Apron on North End of Airport Including Lease Lots
2. New Helipad Facility

Wasilla Municipal Airport

1. Construct Primary Airport Access Road
2. Construct Runway 3-21 Navaid Improvements

Willow Airport

1. Taxiway Improvements
2. Public Float Plane Dock
3. Signage and Fencing
4. Install Automated Weather Observation System
5. Helicopter Pad and Parking
6. Senior Center Access Road Relocation
7. Apron Space for Tie-Downs at South End
8. Construct Secondary Access Road at Ends
9. Highway Crossing Improvements
10. Taxiway and Apron Paving
11. Island Removal

Rail Projects

Partially Funded Projects

1. Southcentral Rail Extension to Port MacKenzie Facility
2. South Mack Drive Grade Separated Crossing

Unfunded Projects

1. Commuter Rail Services to Palmer and Wasilla
2. Parks Highway Grade Separated Crossing MP 91.5
3. Parks Highway Grade Separated Crossing MP 100.5
4. Talkeetna River Small Vehicle/Pedestrian Bridge
5. Northern Borough Interagency Emergency Center in Talkeetna
6. Knik Arm Rail Crossing
7. South Trunk Road Grade-Separated Crossing

Trails and Recreational Access for Alaska (TRAAK)

Highway Related Separated Trails & Enhancements (Top 17 Priorities)

1. Fairview Loop Road (Snowshoe Elementary) Pedestrian/Bike Path
2. Bogard Road Paved Pedestrian/Bike Path
3. Seldon Road Paved Pedestrian/Bike Path
4. Vine Road Pedestrian/Bike Path between Hollywood and Knik-Goose Bay Road
5. Fern/Edlund Pedestrian/Bike Path between Fairview Loop and Knik-Goose Bay Road
6. 49th State Street Paved Pedestrian/Bike Path
7. Colony Schools Drive Paved Pedestrian/Bike Path (Colony Middle School to Trunk)
8. Pittman Road Multi-Use Roadside Trail
9. Palmer Fishhook to Hatcher Pass Pedestrian/Bike Path
10. Lucille Street Paved Pedestrian/Bike Path
11. Trapper Creek Elementary School to Parks Highway Intersection Pedestrian/Bike Path
12. Eska Creek Bridge; Glenn Highway – Pedestrian Bike Trail

13. Church Road Multi-Use Roadside Path
14. West Seldon Paved Pedestrian/Bike Path
15. Parks Highway Trail – Willow Region
16. Meadow Lakes Loop Multi-Use Trail
17. Smith Road Pedestrian/Bike Path

Recreational Trails

Partially Funded Projects

1. Hatcher Pass X-Country Ski Trail System
 - a. Locate and acquire access from Edgerton Park Road to future X-country ski area
 - b. Design access, trailhead facility and ski trail system
 - c. Construct access road, transit facility, trailhead parking facility and trail system
2. Wasilla to Big Lake Trail
3. Lower Valley Multiple Use Trail Loop
 - a. Hatcher Pass to Willow
 - b. Big Lake to Knik
 - c. Knik to Wasilla
 - d. Wasilla to Crevasse Moraine
 - e. Kepler-Bradley to Palmer
4. Lower Susitna Recreation Area
 - a. Point MacKenzie Trailhead (relocate)
 - b. Multi-Use connector winter trails (figure 8 Lake Trail system survey)
 - c. Lake Lorraine
5. Eska Falls Trail and Motorized Trail

Unfunded Projects

1. Mat-Su Recreational Trails Plan Implementation
 - a. Reservation, surveying and acquisition
 - b. Trail Signage
2. France Road Reconnaissance, locate, survey trails into Crevasse Moraine and Kepler-Bradley State Park
3. Railroad Trail Palmer to Moose Creek
 - a. Upgrade railroad trail for use as pedestrian/bike path; mark and sign trail
 - b. Construct trailhead parking facility in Palmer
 - c. Construct trailhead parking facility near Moose Creek
4. Jim Creek/Knik River Trail from Sullivan Parking Lot to Knik River
5. Youngs Creek & King River Trail Hardening, Bridges Survey and re-route
6. Trail Hardening & Bridges for Puritan Creek Trail
7. Wasilla Creek Headwaters Trail - Trail Hardening, Bridges & Restroom
8. Gold Rush Turnout - Glenn Highway
9. Haessler-Norris Trail
10. Wasilla Creek/Bogard Road to Mat-Su College
11. Reflection Lake Trailhead and Trail Improvement – Signage
12. Bellanger Pass Trailhead
13. Bench Lake Trail Bridge across Little Susitna River

Emergency Services Projects and Infrastructure

Facilities

1. Caswell Lakes Fire Station 13-1
2. Willow Fire Station 12-1 Addition to Existing Apparatus Bay
3. Willow Fire Station 12-1 Replacement
4. West Lakes Fire Department – Parks Highway Station (7-3)
5. Port MacKenzie Public Safety Facility
6. Knik Public Safety Building (Station 6-2)
7. Central Mat-Su Fire Department Warehouse

8. South Central Regional Emergency Services Training Center
 - a. Aircraft Incident Training Facility/Equipment
9. Fill Site Upgrades to Willow Station 12-1 and 12-2
10. West Lakes Fire Department (20) 40,000-gallon Underwater Water Supply Tanks – Parks Highway Station
11. Butte Fire Station 12-1 Office Upgrade

Equipment

1. Caswell Lakes Fire Engine 13-1
2. Replacement Tanker (Station 12-2)
3. Heavy Rescue/Fire Engine – Port MacKenzie District
4. Ambulance Replacement
5. Fire Apparatus Replacement – Sutton Fire Service
6. Fire Apparatus Replacement – West Lakes Fire Service
7. Rescue Equipment
8. Heavy Rescue/Fire Engine – Talkeetna/Trapper Creek/North Su Valley
9. Replacement Engine 641 (Station 6-4)
10. Replacement Engine 671 (Station 6-7)
11. Replacement Tanker/Water Tender (Station 6-4)
12. Replacement Tanker/Water Tender (Station 6-6)
13. Airport Rescue Services Project
14. Butte Ambulance off-Road Patient Transport Vehicle (Station 2-1)
15. Public Access Automatic External Defibrillator (AED) Purchase, Replacement, and Upgrade
16. Public CPR Training Kits

Facilities

Buildings/Structures

1. Agricultural Processing & Product Development Center – Phase I
2. Mat-Su Convention and Visitor's Center Relocation & Funding – South Gateway
3. Remodel Dorothy Swanda Jones Building with Additional Office Space Project
4. Joint Fleet Maintenance Facility
5. Port MacKenzie Communications Tower
6. Communication Tower for Willow Area
7. Talkeetna Library/Community Center

Solid Waste

1. Solid Waste Management Improvement Program
2. Port MacKenzie Transfer Station

Marine/Water Related

1. Upper Cook Inlet Ferry System
 - a. Construct Port MacKenzie Ferry Landing
 - b. Construct Anchorage Ferry Landing
 - c. Construct Kenai Ferry Landing
 - d. Construct Tyonek Ferry Landing

Recreational and Tourist Facilities and Enhancements

1. Hatcher Pass (Government Peak) Ski Recreation Area
 - a. Water Infiltration Gallery
 - b. Hatcher Pass Day Lodge/Maintenance and Transit Facility – Southern Side/Nordic
 - c. Roads and Parking – Southern Side/Nordic
 - d. Hatcher Pass (Government Peak) Nordic Ski Area Access Road Extension and Parking Area
 - e. Community Center/Warm-up Building
 - f. Trails, Stadium and Sledding Hill – Southern Side/Nordic
 - g. Vehicles and Equipment – Southern Side /Nordic
 - h. Roads, Maintenance and Parking – Northern Side

- i. Biathlon Range
2. South Denali Visitor Center, Phase II
3. Alcantra Recreational Complex Phase II (Ron Larson Elementary)
 - a. Restrooms, concession, maintenance and storage building
 - b. Picnic sites/shelters
 - c. Parking lot expansion
4. Bogard-Tait Softball Complex
 - a. Complete 5 ball fields
 - b. Restroom complex
 - c. Day use/picnic areas
 - d. Paved parking
5. Borough-wide ADA Playground Equipment and Restrooms
 - a. Alcantra
 - b. Big Lake
 - c. Talkeetna
 - d. Trapper Creek
6. Talkeetna Riverfront Park and Town Center Park
7. Talkeetna Softball Fields
 - a. Picnic sites
8. Matanuska River Campground
 - a. Restroom facilities to lower campground
 - b. ADA accessible trails and viewing areas
9. City of Houston - Little Susitna River Campground and Day Use Area
 - a. Boat Launch with elevated walkways
 - b. Campground improvements
10. Talkeetna Lakes Regional Park
 - a. Camping area
 - b. Small boat launch – docks put in
 - c. Summer and winter trails
11. Big Lake Elementary/Jordan Lake Community Park Enhancements and Boardwalk
12. Point MacKenzie Multi-Use Recreation Area (Compatible Use Design & Construct)
13. Smith Ball Fields
14. Whopper Road Trailhead
15. Indoor Pool Susitna Valley School
16. Sledding Hills – Hatcher Pass and Crevasse Moraine
17. Playground Equipment for Community Park – Station 7-1
18. Trail Improvements
19. Emergency Telephones – Chickaloon Community
20. Meadow Lakes Little Susitna Park at Olson Bridge (Near Schrock)

Utilities

1. Port MacKenzie Utility Improvement
 - a. Construction of natural gas line (\$10,000 every 1,000 feet)
 - b. Electrical substation development
 - c. Cathodic Electrical Impress System for Docks and Ferry Landing
2. City of Wasilla – Palmer-Wasilla Highway Water Improvements, Phase IV
3. Lake Louise Electrical Service

Watershed Management

Watershed Management

1. Matanuska River Erosion Control – Property Acquisition
2. Matanuska River Erosion Control – Structural Protection
3. Stream Bank Restoration
4. Culvert Replacement
5. Artesian Sheep Creek Spring – Water Collection Structure

Road Maintenance & Repair Capital Projects by Road Service Areas

School Related Capital Projects

FY2012 Capital Budget – Six-Year Capital Improvement Plan

1. New Middle/High School Knik Area
2. Mat-Su Day School
3. Valley Pathways New School
4. Knik Goose Bay Elementary School
5. Career & Tech High School Phase III
6. Big Lake Renovation
7. District Wide ADA
8. Iditarod Elementary New School
9. Athletic Field Improvements
10. Charter School Projects
11. Emergency Generators and Switch Gear
12. DW School Improvements including Instructional Space and bathrooms and Wash Basins for 11 schools
13. Energy Upgrades to 18 schools
14. Fire System Replacements for 3 schools
15. Flooring Replacements for 6 schools
16. Heating Ventilation and Building Environmental Improvements for 13 schools
17. Houston and Palmer Middle Schools Locker Replacements
18. Multi-sport Indoor/Outdoor Physical Education Improvements
19. Outdoor Safety, Signage, Paving and Building Renovation for 3 schools
20. Indoor/Outdoor Bleacher Replacements
21. New Palmer Area Elementary School
22. Palmer Junior High School Renovation

Capital Improvement Program Introduction and Details

A Capital Improvement Program (CIP) is a multi-year schedule of proposed capital improvements for a community. The schedule varies for each community, but typically ranges from five to ten years. The Borough's schedule is six years. The purpose of the CIP is to identify the community's future needs for capital projects, and then adequately plan and fund the improvements. Examples of projects that are within a CIP include school buildings; road improvements and construction; police and fire equipment; public buildings and parks. A project typically must have a useful life greater than three years; or an initial cost of \$50,000 or more to qualify as a capital improvement.

As the cost of the proposed improvements almost always exceeds the availability of funds, the improvements are ranked in order of priority. The order of priority is determined by a project's ability to improve the public's safety, health, welfare, and quality of life as well as the project's operating, maintenance, and capital costs.

The Matanuska-Susitna Borough's CIP lists the public facilities and assets that will need upgrade or repair, expansion, new construction, or acquisition in the near future. The projects listed in the CIP are proposed to be undertaken during the next six fiscal years (beginning July 1, 2012 to June 30, 2017). Program emphasis is placed on the first year of the six-year program since future funding levels are unknown.

The Department of Planning and Land Use manages the CIP program. The management consists of updating the status of projects, compiling and distributing the CIP document and undertaking the public review and annual update. Personnel from other Borough departments assist in the annual update, especially for transportation and public safety projects.

Capital improvement programming and planning are required by Matanuska-Susitna Borough Code Chapter 3.04.060 and are necessary for the continued development of the borough's infrastructure and economy. The Matanuska-Susitna Borough has experienced a high rate of growth over the last three decades. Throughout the 1970's the average growth rate was 8%; in the 1980's it was approximately 9% and it has averaged 4-5% annually throughout the 1990's and 2000's. This high growth has necessitated the continual improvement of the area's roads and transportation network, public buildings/facilities, and schools for the safety, health, betterment, and general welfare of the borough's residents.

Benefits to the Community

The community of the Matanuska-Susitna Borough is characterized by a strong commitment to the freedom of choice to build a pleasant, viable, healthy and safe community. The challenge to the community will be to create an environment that encompasses these features and its lifestyle with a growing population base. This will require assessment of incentives and opportunities, as well as some constraints.

Using a Capital Improvement Program provides the benefits of:

- Implementing the policies of the MSB comprehensive plan by assuring the provision of new facilities and infrastructure improvements that meet the goals of the community.
- Affording the public an opportunity to provide input in the process, and helping to increase public support for the proposed capital improvements.
- Enabling private businesses and citizens to have assurance that public improvements will be undertaken in a timely manner so they can plan more efficiently and effectively.
- Eliminating poorly planned or unnecessary public improvements.

Capital Improvement Program Process

The Capital Improvement Program process begins with review and revision of the previous years adopted Capital Improvement Program. Each year the borough reviews its existing CIP in order to update it based on current needs and assessments.

New project nominations and proposed modifications to the CIP are requested and received from elected officials, boards, commissions, organizations, agencies, incorporated cities within the borough, Community Councils, Chambers of Commerce and the borough department supervisors/directors.

Priorities are determined by the impact a project has on improving public safety, health, welfare, and quality of life as well as the projects operating, maintenance, and capital costs. The ranking of projects is initially undertaken by the organizations responsible for the particular projects. For example, the Transportation Advisory Board ranks transportation projects. The Borough's Library Board and Historical Commission rank library and historical projects, respectively. Table 1 describes the entities responsible for ranking certain elements of the CIP. Transportation projects are ranked according to the criteria used by the State of Alaska Department of Transportation and Public Facilities.

Table 1
CIP Project Categories and Responsible Organizations

Project Category	Responsible Organization
Trails	Parks, Recreation, and Trails Advisory Board
Parks and Recreation	Parks, Recreation, and Trails Advisory Board
Transportation	Local Road Service Area Board and Transportation Advisory Board
Airports and Aviation	Aviation Advisory Board
Public Safety	Local Fire Service Advisory Board and Emergency Medical Service Advisory Board
History/Cultural Resources	Historical Commission
Port Projects	Port Commission
School Facilities	School District
Borough Facilities	Department of Public Works
Libraries	Library Board

After the responsible entities have ranked their projects, the Department of Planning and Land Use develops a CIP that combines and ranks the various projects. The Department also identifies funding sources for the projects. The Department then submits the CIP to the Planning Commission for their review and recommendation.

- The Borough Code requires that the Planning Commission receive the CIP by February 15 of each year. The Planning Commission reviews the CIP and sends its recommendations to the Borough Manager who then submits the CIP to the Borough Assembly.
- Borough Code requires that the Assembly receive the CIP by March 15 of each year (*the code is currently being revised to reflect the State Legislature's need to have the CIP in January due to a limited 90 day session*). The Borough Assembly reviews the CIP, conducts a public hearing on the CIP and then adopts the CIP with amendments, if any.

This year, from April 15 – June 30, 2011, new project nominations and proposed modifications to the CIP were requested of boards, commissions, organizations, and agencies. Nominations and modifications were also requested of the borough's department supervisors/directors and the three incorporated cities in the borough. Comments were received from several respondents (see Appendix). The comments were reviewed by the various departments, the Parks, Recreation and Trails Advisory Board, and the Aviation Advisory Board, Transportation Advisory Board, and a revised draft CIP was developed. This draft was distributed to the Planning Commission which held a public hearing to solicit public comments; the Commission then sent its recommendations to the Assembly. The Borough Assembly held a public hearing on the draft CIP before formally adoption it by resolution. The final document is submitted to the Governor, State Legislature, and Alaska Department of Transportation and Public Facilities (AKDOT/PF) for funding consideration.

Capital Improvement Program Funding

There are several funding sources used for CIP projects. The most commonly used funding sources include: general obligation bonds, land management fund, general revenue, state grants and the Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). Most CIP projects are historically funded from specific funding sources. Table 2 describes the CIP categories and their typical funding sources.

Table 2

CIP Project Categories and Typical Funding Sources

Project Category	Funding Source
Trails	SAFETEA-LU, State Grants, Land Management Fund and General Revenue
Parks and Recreation	SAFETEA-LU, State Grants, Land Management Fund and General Revenue
Transportation	SAFETEA-LU, Land Management Fund, Local Road Service Area Fund, General Obligation Bonds, Revenue Bonds and State Grants
Public Safety	Land Management Fund, State Grants and General Revenue
History/Cultural Resources	Federal or State Grants and General Revenue
School Facilities	General Obligation Bonds, General Revenue and State Grants
Borough Facilities	General Obligation Bonds, General Revenue and Federal or State Grants
Libraries	General Revenue and State Grants

The Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) and more recently the State Legislature provides the majority of funding for most transportation projects in the borough. SAFETEA-LU is administered by the Federal Transit Administration or the Federal Highway Administration (FHWA). The Alaska Department of Transportation and Public Facilities (ADOT&PF) is the pass through agency for the FHWA. Funding from the State Legislature is commonly passed through ADOT&PF or the Alaska Department of Commerce, Community & Economic Development.

Non-Transportation capital improvement projects can be funded either through Federal, State or Borough funding.

Federal Funding

Federal Funding for transportation projects is usually from grants through the Federal Highway Administration; the Federal Transit Administration; or from funds appropriated by Congress for specific projects. All federally funded projects are listed in the State Transportation Improvement Program (STIP) produced by the Alaska Department of Transportation & Public Facilities (AKDOT&PF). Local match varies from 20-50% for Federal Grant Funding.

State Funding

State funding for capital projects is usually from general fund revenues appropriated by the Legislature and approved by the Governor in capital budgets passed each legislative session. In addition, the Legislature has, in the past, appropriated discretionary funds to each legislator to fund various local projects.

Grant Funding

The Municipal Capital Project Matching Grant Program has funded capital projects in the borough from state general fund revenues. This program requires a 30% local match at the borough level.

Borough Funding

The Borough funds capital projects through its Capital Projects/Grants Fund. Other funding can come from service area levies, local improvement districts (LID's), or special general fund appropriations.

Relationship of Current Capital Improvement Program with Past Capital Improvement Programs

This year's CIP is based on last year's adopted CIP. If projects have been completed during the previous year, they are removed from the current list. New projects that have been identified during the public participation process are usually added to the end of the list, unless department supervisors or the Advisory Boards note their demonstrated need. Department supervisors rank their priorities for projects within their departments.

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Matanuska-Susitna Borough



MSB Recommended Planning Related Projects

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MSB Recommended Planning Related Projects (Un-Prioritized)

In Progress

- . **Big Lake Community Impact Assessment**
Study which carries out a process to evaluate the effects of major transportation corridors on the community of Big Lake.

Project Status: \$250,000 Funded in State FY2013 Budget

- . **Corridor Study Between Port MacKenzie Development Area and the Parks Highway**
Transportation corridors between Port MacKenzie and Parks Highway to include but not limited to Point MacKenzie Road, Burma Road, W. Susitna Parkway, and the South Big Lake Road Realignment. Study would consider both Route through downtown Big Lake or a bypass of Big Lake.

Project Status: \$70,000 from KABATA, \$30,000 from MSB Port Development Funds, and state contribution currently unidentified.

- . **Green Infrastructure Plan (Borough-wide)**
Implementation of Green Infrastructure planning within the Matanuska-Susitna Borough by bringing together community-generated plans in areas outside community council boundaries. Protection and interpretation of cultural resources to be included in the plan.

- . **Lake Lorraine Development Plan**
This project will create a development plan for the Lake Lorraine business/light industrial area.

- . **Long Range Transportation Plan Update**
Inventory and update of highway separated trails plan, and update MSB traffic model. The project will update the 2007 Long Range Transportation Plan by using a more refined transportation model with the latest employment/household data and produce a fiscally constrained list of transportation improvements.

- . **Meadow Lakes Hydrology Study**
This project consists of a Hydrology Study to establish a current baseline of the Meadow Lakes Watershed and Underground Water Resources.

- . **Museum Preservation and Maintenance Plan**
This project will provide a plan for insuring that museums are up to building/fire code, as well as providing a building maintenance and infrastructure plan.

Project Status: \$25,000 funding from Federal Preservation Grant. Additional funding required.

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- Port MacKenzie Hydrology Study**
 This project will determine where future potable and industrial water will be developed.

Project Status: \$150,000 in 2012 from Port Development Fund.
- Port MacKenzie Utility Plan**
 Will identify sources and corridors for water, sewer, power, communication, and gas utilities to meet Port and tenant needs. Sites for water and waste water treatment facilities, and utility easements will be identified.
- Regional Stormwater Management Plan**
 This project will create a regional stormwater management plan as required by Federal and State law.
- Regional Transit Authority Plan**
 This project will provide funding to develop a plan for establishing a Regional Transit Authority (RTA) within the boundaries of the Matanuska-Susitna Borough and Municipality of Anchorage. Components of the RTA will include all transit service providers within the Matanuska-Susitna Borough and Municipality of Anchorage, the Borough's new Ferry the M/V Susitna, the Commuter Vanpool program and a commuter train that uses the Alaska Rail Road infrastructure.
- Transportation Design Criteria Manual**
 This project will update the Borough's Subdivision Construction Manual. The new updated or amended version of the manual would include design criteria for roads of higher functional classification beyond subdivision level as well as design criteria for transit services.
- Willow Airport Master Plan**
 This project will provide for a Master Plan for the Willow Airport.

Planning Related Projects Needs List (Un-Prioritized)

- ❖ Big Lake Airport Master Plan
- ❖ Conservation Subdivision Design Study
- ❖ Earth Materials Resource Inventory
- ❖ Emergency Communications Study (Borough-wide)
- ❖ Noise Study (Borough-wide)
- ❖ Parks Highway Willow Bypass Study
- ❖ Port MacKenzie Business Plan
- ❖ Port MacKenzie Evacuation Plan
- ❖ Port MacKenzie Grating, Contour and Landscaping Plan
- ❖ Port MacKenzie Hazard Mitigation Study
- ❖ Port MacKenzie Marketing Plan
- ❖ Port MacKenzie Scour and Sedimentation Study
- ❖ Port MacKenzie Spill Prevention and Control Plan
- ❖ Port MacKenzie Strategic Land Acquisition Study
- ❖ Port MacKenzie Transportation Plan
- ❖ Regional Aviation Systems Plan (RASP), Phase II
- ❖ Regional Wastewater Treatment and Septage Study, Phase II
- ❖ Safe Routes to School Program
- ❖ Sheep Mountain Airport ALP
- ❖ Summit Airport ALP
- ❖ Trailhead Study for Bald Mountain

- ❖ Transportation Corridor Planning and Preservation Regulations
- ❖ Wasilla Airport Seaplane Base Environmental Assessment
- ❖ Wasilla/Fairview Area Water and Sewer Plan
- ❖ Watershed Analysis (Borough-wide)

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Matanuska-Susitna Borough



MSB Recommended National Highway System Projects

2013 DRAFT

Matanuska-Susitna Borough's Recommended National Highway System Projects

The U. S. Department of Transportation has designated a National Highway System, which represents those roads that provide for the long-range movement of people, goods and services. The National Highway System (NHS) consists of roads that serve inter-state travel and national defense, roads that connect with other modes of transportation, and roads essential for international commerce. Within the Matanuska-Susitna Borough, the National Highway System currently consists of the Parks Highway, Glenn Highway, and the Knik Arm Bridge and highway approaches (crossing).

The borough is only advisory for projects included in the NHS system. The Alaska Department of Transportation and Public Facilities (AKDOT/PF) is the agency that is responsible for all design, engineering, and contract construction on the NHS. The programming of NHS projects is also handled by AKDOT/PF. The National Highway System is congressionally designated and additions to the NHS require approval from the Federal Highway Administration.

The borough's Transportation Advisory Board has reviewed the borough-wide highway projects currently under consideration by the state. The board recommends that priority status be given to those highway segments that have the highest traffic volumes and the most hazardous conditions, before lower volume segments and less hazardous conditions are considered. In addition, the board recommends that all highway improvement projects include separated paths around schools and communities.

The borough's recommendations for the National Highway System include ten priority projects; a separate listing of projects that have received partial funding, but will remain priorities until construction is complete; and a needs list of projects that will be moved forward as the priority projects are funded.

NOTE: FFY indicates Federal Fiscal Year in which the project appears on the AKDOT/PF Statewide Transportation Improvement Program.

Partially Funded Projects (Top 10 Priorities)

1. Parks Highway Improvements - Lucas Road to Big Lake MP 44-52.3

Environmental Assessment approval issued by FHWA on September 12, 2010. Project currently split into three segments.

- a) Lucas Road to Church Road
- b) Church Road to Pittman Road
- c) Pittman Road to Big Lake Road

Project Status and funding from previous years: Design funding programmed for 2010-11; ROW funding in 2011; construction funding in 2012 (Segment1). Un-programmed costs beyond 2013-\$110 M. STIP ID# 11961.

2. Knik Arm Crossing [m2]

This project consists of preliminary engineering, permitting, design, and construction of the bridge and road approach network.

Project Status and funding from previous years: Environmental Impact Statement Record of Decision signed December 2010. Permitting, design and Right-of-Way phase proceeding.

3. Glenn Highway Improvements MP 34-42.5

(Parks Highway to Arctic Avenue/Old Glenn)

This project will reconstruct the highway to four lanes, pathway and shoulders. It will accommodate turning movements and add traffic and safety improvements as necessary. This project will include intersection improvements at Arctic avenue.

Project Status: Preliminary design complete. Environmental Assessment Approval September 12, 2010. STIP ID# 11959.

4. Parks Highway Alternative Corridor

Identify alternative corridor to route highway away from downtown Wasilla.

Project Status and funding from previous years: Consultant has been hired; public scoping and project update meetings are taking place. \$2,000,000 in State funds is being used for reconnaissance and preliminary engineering. STIP ID # for study 19665.

5. Glenn Highway Improvements MP 66.5-80

(Chickaloon)

This project will reconstruct the highway from MP 66.5 (Kings River) to MP 80. The major realignments will be near Fish Lakes Road (MP 72) and the Chickaloon River (MP 78).

Project Status and funding from previous years: Design in progress, cost estimate is complete. May need to be re-scoped due to high cost of constructing existing design. STIP ID # 2324.

6. Glenn Highway Improvements MP 80-92 (Long Lake to Cascade)

This project will reconstruct and realign the roadway from approximately MP 82 (Bonnie Lake road) to MP 92 (Cascade). It also includes enhancements to Long Lake Wayside. A new bridge is proposed to cross Puritan Creek Canyon.

Project Status and funding from previous years: Project starting preliminary design and environmental documentation and permitting. STIP ID #2325

7. Glenn Highway Improvements MP 53-56

(Moose Creek Canyon)

This project will reconstruct the highway from MP 53-56, including replacement of the Moose Creek Bridge.

Project Status and funding from previous years: Draft environmental document in progress, preliminary design funding of \$1 million in 2011. STIP ID #2320

8. Glenn Highway Realignment MP 49

This Project will evaluate erosion at MP 49, and realign Glenn Highway away from bluff erosion.

Project Status and funding from previous years: Scoping completed. Construction anticipated 2014/2015. STIP ID # 23996.

9. Glenn Highway MP 28 - 32 ITS

This project consists of Intelligent Technology System (ITS) deployment such as dynamic message signs, low power FM or highway advisory radio, automated de-icing system for bridges, and environmental sensors (weather, pavement temperatures, etc.) to help improve travelers safety and efficiency.

Project Status and funding from previous years: Portions of project complete, including automated de-icing system on Knik River Bridge and weather sensors. STIP ID #18361.

10. Parks Highway MP 163-185 Rehabilitation (NR Boundary to East Fork Chulitina)

This project will rehabilitate the Parks Highway between MP 163 and MP 186 to accommodate heavy truck loads associated with the construction of a natural gas pipeline.

Project Status and funding from previous years: \$1 million available in FFY2012. STIP ID # 22331.

Unfunded Projects (Top 6 Priorities)

1. Parks Highway Rehabilitation MP 133-147

(Chulitna River Bridge to Byer's Lake)

Project will consist of pavement rehabilitation, bridge improvements, associated turn lanes and construction of safety improvements as needed.

2. Parks Highway Rehabilitation MP 83-90

(Kashwitna to the area between Sheep Creek and Montana Creek)

This project will consist of rehabilitating pavement, widening roadway, constructing safety improvements as needed.

3. Parks Highway Rehabilitation MP 90-98.5

(The Area between Sheep Creek and Montana Creek to Talkeetna Spur Road)

This project will consist of rehabilitating pavement, widening roadway, constructing safety improvements as needed. Elimination of at-grade railroad crossing at Sheep Creek at MP 91.9. Improve or replace bridges at Sheep Creek and Montana Creek.

4. Parks Highway Rehabilitation MP 98.5-115

(Talkeetna Spur Road to Petersville Road)

This project will consist of rehabilitating pavement and constructing safety improvements as needed. Project will eliminate at-grade railroad crossing at Sunshine.

5. Parks Highway Rehabilitation MP 115-133

(Petersville Road to Chultina River Bridge)

This project will consist of pavement rehabilitation, construction of safety improvements as needed.

6. Parks Highway Rehabilitation MP 147-163

(Byer's Lake to Little Coal Creek)

Project will consist of pavement rehabilitation, construction of safety improvements as needed.

Projects Currently Under Construction

1. Parks Highway Upgrade to Eliminate Truck Weight Restrictions

State funded project includes embankment reconstruction at locations of known pavement fatigue cracking, repaving for the entire length widening and turn lanes.

This project will upgrade the Parks Highway to eliminate Truck Weight Restrictions.

- a. MP 72-83
- b. MP 83-90

Project Status and funding from previous years: This project is part of the State GO Bond passed by voters in fall 2008 to fund projects in the amount of \$15,000. Construction of MP 72-83 began Spring of 2009. Design phase of MP 83-9-0 began in 2011.

2. Parks Highway Rehabilitation MP 72-83

(Willow Creek to Kashwitna River)

Project will consist of pavement rehabilitation, widen roadway, building passing lanes and bridge improvements, and construct safety improvements as needed.

Project Status and funding from previous years: Plans complete in December 2006, environmental document and right-of-way acquisition complete in March 2007. Construction begun in 2010.

3. Glenn Highway Illumination Project

STIP ID # 6040

Provide overhead lighting along the Glenn Highway from Birchwood to Palmer Hay Flats. Upon completion, lighting will be continuous from Anchorage to Mat-Su.

Matanuska-Susitna Borough



MSB Recommended Alaska Highway System Projects

2013 DRAFT

Matanuska-Susitna Borough's Recommended Alaska Highway System

The Alaska Highway System (AHS) is a separate program from the National Highway System and the Community Transportation Program. The routes included in the Alaska Highway System generally serve the economic and general welfare of the State as a whole, rather than the transportation needs of specific communities. These routes largely connect communities rather than serve trips within communities.

Many of the state highway routes are eligible for funds from the Public Lands Discretionary program of the Federal Highway Administration (FHWA), which cannot be used for most community transportation projects. The Public Lands Discretionary program is targeted to transportation corridors that cross, provide access to, or run adjacent to federal public lands.

The borough's Transportation Advisory Board has reviewed the borough-wide highway projects. The board recommends that all highway improvement projects include separate paths around schools and communities.

The borough's recommendations for the Alaska Highway System include three priority projects which have received partial funding and will remain priorities until construction is complete, two unfunded projects, and one project currently under construction.

NOTE: FFY indicates Federal Fiscal Year in which the project appears on the AKDOT/PF Statewide Transportation Improvement Program.

Partially Funded Projects (Top 4 Priorities)

1. Palmer-Wasilla Highway Reconstruction

(4 Lanes)

Project includes rehabilitation/upgrade of the Palmer-Wasilla Highway from the Glenn Highway to the Parks Highway (10 miles). Work includes adding two lanes, pavement rehabilitation and any associated safety or capacity improvements.

Project Status and funding from previous years: \$2 million in State General Funds received in FFY06. State Environmental Checklist and ROW mapping in progress. Corridor Study needed to determine segmentation and priority for three-lane alternative under consideration.

2. Knik-Goose Bay Road Upgrade

This project will upgrade Knik-Goose Bay Road to a 4-lane highway from Vine Road to Point MacKenzie Road.

Project Status and funding from previous years: State funding is needed for the design of the upgrade.

3. South Big Lake Road Realignment (New Construction Project)

South Big Lake Road serves as a minor arterial for both residential and recreational users. It is also proposed as a truck route for Port MacKenzie. South Big Lake Road is paved to Burma Road where it currently becomes gravel. The realignment project will begin near the Old Yacht Club and proceed westward to Burma Road, a distance of approximately three miles. This stretch of road has substandard widths and grades. The borough has completed preliminary design and some right-of-way acquisition for the realignment.

Project Status and funding from previous years: \$160,000 for Project Design in FFY05 funding. Reconnaissance report complete. ADOT&PF received \$5 million for environmental document for Burma Road & South Big Lake Road in FFY07. This project will be part of the access corridor to the port.

4. Burma Road Realignment and Upgrade

This project consists of the realigning, upgrading and paving of Burma Road from South Big Lake Road to Point MacKenzie Road. Burma Road is proposed as a truck route for the future Port MacKenzie development. Project may include realignments and widening as necessary.

Project Status and funding from previous years: State funding of \$5 million has been identified for the EIS. \$5 million in additional state funding received for right-of-way in 2008. ADOT&PF reconnaissance effort underway. This project will be part of the access corridor to the port.

Unfunded Projects (Top 3 Priorities)

1. Vine Road Upgrade

This project consists of widening the road to 12-foot lanes with shoulders and repaving 3.4 miles of Vine Road from the Parks Highway to Knik-Goose Bay Road with intersection improvements. Project included as part of the Borough 2008 Road Bond Package.

2. Big Lake Road Realignment/Bypass

This project consists of the realigning of Big Lake Road to bypass the downtown area of the Community of Big Lake.

3. Point MacKenzie Road Upgrade

This project will widen and improve Point MacKenzie Road from Knik-Goose Bay Road to Burma Road Intersection.

Project Status and funding from previous years: Funding is needed for the design of the upgrade.

Projects Currently Under Construction

1. Point MacKenzie Road Upgrade MP 21.8 – 23 (AKA Don Young Road)

Lower the grade of Point MacKenzie Road from mile 21.8 to the dock to better accommodate commercial truck traffic to and from the dock.

Project Status and funding from previous years: Project construction anticipated to begin spring of 2011.

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Matanuska-Susitna Borough



MSB Recommended Community Transportation Program

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Matanuska-Susitna Borough's Recommended Community Transportation Program

The Community Transportation Program (CTP) is a state funding category that consists of a federal category called the Surface Transportation Program and the Alaska Marine Highway System. The CTP category differs from the State Highway System category in that it serves community rather than regional transportation needs.

In Alaska, any public roadway is eligible for funding under the Surface Transportation Program (STP) of the SAFETEA-LU legislation. The majority of all roads in the borough are eligible. Since there are many more projects than available funding, STP projects are scored and ranked on a statewide basis.

Once STP funds are distributed to state governments, each state must set aside a percentage of the STP program for its STP-Safety Program and other sub-categories of the STP. The borough has divided the Community Transportation Program into several sub-categories based on their function:

- Highway Infrastructure Projects - The borough's recommendations for Highway Infrastructure Projects under the Community Transportation Program include twelve priority projects; a separate listing of projects that have received partial funding, and will remain priorities until construction is complete; ten priority partially funded projects; ten priority unfunded projects, and a needs list of projects that will be moved forward as the priority projects are funded.
- Public Transportation Projects - Public Transportation Projects compete with other types of projects for Community Transportation Program funds. Unlike other sub-categories within the borough's list of CTP projects that must rely on "Rural and Urban Streets and Roads Project Evaluation Criteria," public transit projects are ranked according to "Transportation Project Criteria."
- Transportation Safety Projects - The Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) requires that a percent of the Surface Transportation Program's funding be set aside and allocated for safety construction projects; i.e. hazard elimination, hazardous railroad crossings, etc. The program's aim is to improve the roadway system in locations that exhibit major safety concerns. The projects included in this category come from the AKDOT/PF Highway Safety Improvement Program (HSIP) and recommendations from the borough. The AKDOT/PF program analyzes traffic safety information such as accidents, traffic volumes, speeds, physical equipment, etc. The borough's recommendations come from project nominations brought forth from the general public, the MSB Public Works Department, and the Transportation Advisory Board. Project funding for these identified safety hazards can come from the STP - Safety Program, or other funding sources, as applicable. These projects have been broken down into the Transportation Safety Projects section and the Lighting and Illumination Projects section.
- Bridge Projects - The SAFETEA-LU Bridge Rehabilitation/Replacement Program is a funding source that will fund either the rehabilitation or the replacement of existing bridges. The program will not fund new bridge construction; however, new bridge construction is eligible for funding under a different funding category called the Surface Transportation Program of SAFETEA-LU. The AKDOT/PF evaluates and rates bridges throughout the state as to their condition and sufficiency under a program called the Highway Bridge Rehabilitation and Replacement Program (HBRRP). Not all of the borough's bridges are rated by the state. AKDOT/PF's program produces a sufficiency rating that determines which bridges are potentially eligible for either rehabilitation or replacement under the Highway Bridge Rehabilitation/Replacement Program. Bridges that are eligible for rehabilitation score a sufficiency rating of less than 80. Bridges eligible for replacement score a sufficiency rating of less than 50. In addition to the state's efforts, the borough's Public Works Department assesses all bridges on borough-maintained roads and recommends a prioritized list for rehabilitation or replacement. Some of these bridges may need exclusion to federal design standards, if they are to be funded under the HBRRP.

The likelihood of obtaining funding is dependent on how well the projects score based on the AKDOT/PF project scoring criteria.

NOTE: FFY indicates Federal Fiscal Year in which the project appears on the AKDOT/PF Statewide Transportation Improvement Program.

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Highway Infrastructure Projects

Partially Funded Projects (Top 12 Priorities)

1. **MSB Transportation 2011 Bond Package**

In October 2011, Matanuska-Susitna Borough Voters approved a bond package to provide 50% of the estimated funding for vital transportation projects, contingent on State funding of the remaining 50%. These project are:

Palmer, Dogwood Avenue/Felton Street Extension: 0.4 miles of new road through an undeveloped parcel north of the Palmer Carr's Mall. This project would be the first phase in relieving traffic congestion at the Glenn Highway-Palmer Wasilla Highway intersection.

Collector Road Access: Construction to Machetanz Elementary School.

Wasilla, Clapp/Mack Road Extension: Wasilla Sports Center to Knik Goose Bay Road with Pathway.

Big Lake and South Big Lake Road Intersection Improvements.

Houston, Hawk Lane Upgrade and Paving: Houston High School to Beaver Lake Road.

Seldon and Lucille Street Intersection Safety Improvements: Lucille Street Upgrade North of Spruce, and Seldon Improvements from Lucille Street to Wards Road.

Sullivan and Caudill Road Upgrade from Old Glenn Highway to Plumley Road.

Caswell Lakes Road to Bendapole Road to East Passthebaite Avenue to Hidden Hills including South Caswell Lake Loop to Lot 15 Upgrades.

Willow Lake Drive Upgrade, Paving, and Extension.

Vine Road Upgrade and Pathway.

Seldon Road Extension: Church Road to Beverly Lake Road and Existing Beverly Lake Road Paving and Upgrade.

Paved Pathway adjacent to Old Glenn Highway in Butte, from Plumley Road to Knik River Bridge.

Paved Pathway adjacent to Wright Way and Chickaloon Way from Sutton Elementary School to Glenn Highway.

2. **Bogard East Extension to Glenn Highway**

This project will extend the Seldon/Bogard arterial east to the Glenn Highway, extending the east/west corridor that has been planned from Palmer to Houston.

Project Status and funding from previous years: Alignment approved by Borough Assembly, final design in progress and right-of-way acquisition is underway. Estimates are \$29-31 million for completion

3. **Knik-Goose Bay Road Reconstruction (4 Lanes)**

Project includes rehabilitation/upgrade of the Knik-Goose Bay Road from Palmer-Wasilla Highway Extension to the intersection of Knik-Goose Bay Road/Point MacKenzie Road. Work includes adding two lanes, pavement rehabilitation, associated safety or capacity improvements, and intersection upgrades.

- a. Centaur Avenue to Vine Road, STIP ID # 24596; Status: Programmed at \$3 million for design in 2011
- b. Vine Road to Settlers Bay
- c. Settlers Bay to Point MacKenzie Road

4. Fern Street Extension

This project begins at the south end of Fern Street and is constructed to Edlund Road. The next phase includes paving and signage.

Project Status and funding from previous years: Road embankment constructed. \$100,000 available for paving and intersection improvements. ADOT&PF requiring Fern/KGB intersection improvements including signal, turn lanes, etc. Additional construction funding needed.

5. Trunk Road (includes separated paths) Phase II

This project will reconstruct 3.3 miles of Trunk Road from the Palmer-Wasilla Highway to Palmer-Fishhook Road. Trunk Road functions as a minor arterial. Rapid population growth in the core area of the borough has increased traffic volumes and prompted the borough to pursue road projects to improve its major collector and minor arterial networks.

Project Status and funding from previous years: Design complete, right-of-way acquisition is complete. Expect to advertise for construction October 2011.

6. Seward Meridian Parkway Extension North, Upgrade and Separated Path

Seward Meridian Parkway is currently a two lane road with no shoulders. It functions as a major collector/minor arterial and is one of only two north south arterial corridors in the Borough's transportation network. The project to upgrade Seward Meridian Parkway will consist of constructing a road with four travel lanes, shoulders, a separated path, a bridge over Cottonwood Creek and safety improvements at intersections extending from the Parks Highway to Seldon Road. STIP ID # 2481.

Project Status and funding from previous years: Project will be constructed in two phases; Phase I construction to begin summer of 2012. Construction of Phase II in 2013.

- a. Phase I - Parks Highway to Palmer-Wasilla Highway
- b. Phase II - Palmer-Wasilla Highway to Seldon Road

7. South Trunk Road Extension and Intersection Improvements

This project will design an extension of Trunk Road south from the Parks Highway-Trunk Road interchange to Nelson Road and west from Nelson Road to Fairview Loop. The project objective is to provide collector/arterial level connections needed to address increased development and growth south of the Parks Highway. The project would also provide pupil transportation and would access Machtetanz Elementary which is located on Nelson Road.

- a. South Trunk Road Extension
- b. Fairview Loop Connector

Project Status and funding from previous years: \$750,000 in general funds provided in 2007 for engineering, design, and right-of-way acquisition. Funding needed for construction.

8. Palmer-Wasilla East Terminus

This project will advance "Alternative B" approved by a Palmer Community Committee, Palmer City Council, ADOT&PF and MSB Assembly to mitigate the Palmer-Wasilla Highway/Evergreen Street and Dogwood Avenue traffic congestion issue.

Project Status and funding from previous years: Project is using state general funds, expected to take project through environmental, design, and right-of-way acquisition. Funding needed for all recommended improvements.

9. Lucille Street Improvements

Project will consist of upgrading existing Lucille Street to five lanes between the Parks Highway and Spruce, and upgrading the remaining two-lane segment of Lucille from Spruce to Schrock.

Project Status and funding from previous years: Funding from the City of Wasilla, \$500,000 in federal funds; MSB Funding from State grant \$250,000; Additional federal funding for intersection improvements at the Lucille Street and Seldon Road Intersection.

10. Wasilla Main Street/Yenlo One-Way Couplet (Wasilla Fishhook Road/Main Street in STIP)

Project will construct the Main Street/Yenlo Street/Talkeetna Street One Way Couplet in the City of Wasilla. STIP ID # 2503.

Project Status and funding from previous years: Federal project beginning re-evaluation of Environmental Document-EA. City of Wasilla received \$5 million from State Legislature in SFY2012 Capital Budget.

11. Bogard/Seldon Corridor, Wasilla Fishhook to Trunk, Four-Lane Upgrade

This project will upgrade Seldon and Bogard Roads 4 miles from Wasilla Fishhook to Trunk Road and serve as a link in completing an alternate route to the Palmer-Wasilla Highway. Project includes widening, intersection improvements, pathway, and other safety projects as needed.

12. Mat-Su Arterial Roads and Bridge Improvements

This project will conduct reconnaissance engineering on Mat-Su Borough arterials which may include, but is not limited to the following: Seldon Road; Seldon Road Extension (west of Church Road); Seward Meridian Parkway Extension South; Hermon Road Extension; Vine Road. STIP ID # 25097.

Project Status and funding from previous years: Federal earmark-\$1 million FFY2010.

Partially Funded Project Needs List (Alphabetized)^[m5]

. **Collector Road Connections (Complements Parks Highway)**

This project will connect collector roads to the north and south of the Parks Highway, building the local road network, providing alternate routes to east-west travel. This will reduce the traffic that now uses the Parks Highway to go from home to grocery store or home to work by providing a frontage road type network.

Project Status and funding from previous years: Two of the four roads identified will be constructed. Funding needed for the design, right-of-way, and construction of remaining two roads.

. **Fairview Loop/Knik-Goose Bay Road Intersection Realignment**

This project will realign 1.5 miles of Fairview Loop Road and include intersection upgrades as needed at Knik-Goose Bay Road.

Project Status: In Design.

- **Fairview Loop Road Upgrade, Minor Realignment and Separated Pathway**

Project will realign curves and widen Fairview Loop Road from the Old Matanuska Road to Knik-Goose Bay Road. Project will provide a separated pathway from mile 4.8 to 9.2.

Project Status and funding from previous years: \$22,000 available from state GO Bond. Additional \$4.5 million received from Legislature. Completed 3R Analysis, working toward local review plan set. Construction anticipated in 2013.

- **Fish Creek Development - Little Su Crossing (West Mat-Su Access)**

This project will construct a bridge over the Little Su River to provide access to roads in the Fish Creek area.

Project Status and funding from previous years: \$2.1 million in FFY04 for environmental permitting and design of bridge and approach. Federal Earmark currently on hold with possible re-scoping to occur.

- **Hatcher Pass Scenic Overlook and Trailhead**

(Hatcher Pass Road)

Construct scenic overlook, rest stops, and trailheads along the Hatcher Pass Road Corridor. Most of the sites will be paved viewing areas with covered kiosks and interpretive panels. Sanitary facilities will be installed. In addition, construct half a mile access road parking area and public trail head at MP 11 on Hatcher Pass Road.

Project Status and funding from previous years: Design funding \$200,000 in FFY2010. Construction \$2.8 million available in FFY2012.

- **Hermon Road [MBB6] Extension**

Project will extend Hermon Road 0.8 miles providing a link between the Parks Highway and the Palmer Wasilla Highway. Relieves traffic congestion at Parks Highway and Palmer Wasilla Highway intersection.

- **Jenson-Soapstone [MBB7] Connection**

Provides a 0.7 mile link between Palmer Fishhook and the Glenn Highway as well as a second access route for residents in the case of an emergency or natural disaster.

- **Knik River Road Upgrade**

Redirect funds to the hill at mile 2 to reduce the grade (Bingham Hill).

Project Status and funding from previous years: \$2.1 in FFY04 for environmental permitting and design of bridge and approach.

- **Lucus Road Upgrades**

Project will upgrade Lucas Road between the Parks Highway and Spruce Avenue to an upgraded two-lane facility with shoulders, turning lanes, pedestrian facilities, landscaping and drainage improvements.

Project Status and funding from previous years: Revision #19 to 2010-2013 STIP added project back into program. \$850,000 for design in 2011.

- **Seward Meridian Parkway [MBB8] Extension South**

Project will provide for 0.8 miles of new road from the intersection with Old Matanuska Road to Fairview Loop providing direct access to the parks Highway for Fairview Loop residents.

Substandard Road Improvements

Many of the roads within the Borough are in poor repair, lack sufficient right-of-way, sight distance, gravel base, and also lack sufficient travel and accident to compete for limited road funds. However, these roads provide the linkages from the residential areas to the arterials and highways. These roads need improvement to improve the overall functionality and safety of the Borough's road system.

Project Status: Annual funding needed.

Willow-Fishhook Upgrade (AKA Hatcher Pass Road) MP 18 - 25

(Hatcher Pass Road)

This project consists of upgrading and paving the Willow Fishhook Road from the intersection with the access road to Independence Mine State Historic Park over the pass to MP 25. STIP ID # 9732.

Project Status and funding from previous years: Environmental document is undergoing re-evaluation to include Section 106 and possible Section 4(f) applicability. Design funding available in FFY2011, right-of-way acquisition in FFY2012. Construction in FFY2013.

Willow-Fishhook Upgrade (AKA Hatcher Pass Road) MP 25 - 39

(Hatcher Pass Road)

This project consists of upgrading and paving the Willow Fishhook Road from MP 25 to the beginning of pavement near MP 39 in the Willow vicinity.

Project Status and funding from previous years: Environmental document is undergoing re-evaluation to include Section 106 and possible Section 4(f) applicability. Design funding available in FFY11.

Unfunded Projects (Top 19 Priorities)

1. Pittman Road Grade Separated Crossing

This project will consist of advanced right-of-way acquisition for a grade separated railroad crossing on Pittman Road near the intersection with Parks Highway.

2. Upgrade Knik-Goose Bay/Point MacKenzie Road to a 4-lane to Intersection with Burma Road

This project will upgrade the existing two lane roads which provide access to high growth areas of Point MacKenzie and Knik-Goose Bay to 4-lanes.

3. Riley Avenue Extension

This project will provide a two lane extension of Riley Avenue approximately two miles west, just south of Lucille Lake. Widen to collector road with 12-foot lanes and shoulders. The project will provide a connection to and pave Walton Lane.

Project Status and funding from previous years: Private funding proposed for initial construction to residential road standards. Funding needed to upgrade to collector status.

4. Clark-Wolverine Road Upgrade and Minor Realignment

(Old Glenn Highway to Clark Road)

Project will realign curves and widen Clark-Wolverine Road from the Old Glenn Highway to Clark Road. Project will include safety improvements as needed and intersection improvements at the junction with the Old Glenn Highway.

5. Sylvan Road Extension to Sylvan Lane

The project would provide a two lane extension of Sylvan Lane south to Sylvan Road providing a connection between the Parks Highway and Hollywood Road.

6. Palmer-Fishhook Road Upgrade and Separated Pathway

This project will upgrade/rehabilitate Palmer-Fishhook Road from the Glenn Highway to the Wasilla-Fishhook intersection (7 miles). The project includes widening to add shoulders, resurfacing, and intersection improvements as needed, and a separated pathway.

7. Hemmer Road South Extension

This project will extend Hemmer Road South to the Glenn Highway, and connect to the extended Bogard Road north of Palmer-Wasilla Highway for another north/south connection.

8. Little Su River Access Road Upgrade

This project will consist of upgrading the existing Little Susitna River Access Road from the dairy farm to the improved gravel road near the Little Su River Public Use Facility.

9. Sun Mountain Avenue Extension

This project will extend Sun Mountain Avenue as a frontage road connector from Mountain Village Drive to Seward Parkway.

10. Old Matanuska Road Rehabilitation

This project will rehabilitate Old Matanuska Road between the Parks Highway and Fairview Loop (2.7 miles). Work includes widening, grade reduction, reshaping ditches, culverts, and hard surfacing.

11. Road Upgrade/Dust Control/Paving Grant Matching Program

Funds will provide local road service areas revenue for dust control or paving borough gravel roads.

a. City of Palmer - Road Upgrade/Paving Grant Matching Program

Funds will provide the City of Palmer revenue for dust control or paving city gravel roads.

b. City of Wasilla - Road Upgrade/Paving Grant Matching Program

Funds will provide the City of Wasilla revenue for dust control or paving city gravel roads.

c. City of Houston - Road Upgrade/Paving Grant Matching Program

Funds will provide the City of Houston revenue for dust control or paving city gravel roads.

12. Callison Street Reconstruction and Extension

This project will reconstruct and extend Callison Street to Mason Avenue. The road will be 30 feet wide with 12 foot lanes, and will include a pedestrian/bicycle path separated from the road with 66 feet of ROW. Located near Mile 60 on the Glenn Highway.

13. Airola Drive Extension to Forest Lake Drive

This project will involve the installation of a culvert on a street crossing tributary of Meadow Creek. The road will be approximately 1,200 feet in length and have a 20 foot top.

14. Fish Lake Road Paving

This project will pave approximately four additional miles of Fish Lake Road. Currently less than one mile of road is paved. Fish Lake originates at MP 72.9 of the Glenn Highway, and ends at the intersection of Chickaloon Road.

15. Port MacKenzie South Access Road

This project will design, acquire right-of-way and construct access to the Port from the end of Lu Young Lane to the barge dock.

16. Lake Lorraine Loop Road

This project will design, acquire right-of-way and construct a loop road around Lake Lorraine.

17. Port MacKenzie Frontage Roads

This project will design, acquire right-of-way and construct frontage roads along Point MacKenzie Road.

18. Lu Young Lane Upgrade

This project will improve Lu Young Lane to industrial standards through widening, paving, realignment and drainage.

19. Cobb Street Rehabilitation

**Alternative/Emergency Access Road Construction Unfunded Projects
(Un-prioritized – Alphabetized)**

These projects consist of providing alternative access to developed and developing areas currently accessible via a single route and vulnerable to access closures resulting from natural disasters.

- Airolo Drive
- Anaconda Avenue Crossing of Montana Creek near the Talkeetna Y
- Belarde Boulevard Road Extension to Crooked Lake (Big Lake)
- Birchwood Lane
- Bryan Street
- Burma Road Upgrade
- Cannon Drive
- Extend Helen Street to France Road or Terrilou Street
- Extend Spruce Street from Church Road to Skyview/King Arthur
- Extend Spruce Street to Seward Meridian
- Extend Tex Al to Palmer-Fishhook Road
- Extend Wolverine Lake Road to Glenn Highway
- Hayfield Road Extension West (to Settlers Bay)
- Hulens Point Road (Big Lake)
- Little Susitna River Connector Roads Welch/Coles from Armstrong to Edgerton Park
- Millers Reach Road and Beaver Lake Connection
- Roswell Road
- Susitna Avenue Extension (Wasilla)
- Togiak to Thomas Street Connection
- Whopper Avenue Upgrade (Caswell)
- Wilhelm Street
- Winfield Way

Transportation Projects NEEDS LIST (Un-prioritized - Alphabetized)

Numerous other transportation projects have been nominated for inclusion in the six-year Transportation Improvement Program (TIP) by community councils, road service areas, and the general public. Unfortunately, since there is only a limited amount of funding available for road improvement projects in the borough, these roads were not included in the above priority lists. They have been included in the Needs List for future reference.

- Airport Boulevard – construct new road connecting the intersection of Beacon Street and Aviation Avenue to South Mack Road (Wasilla)
- Alsops Road Upgrade (Point MacKenzie)
- Ayrshire Road Paving
- Barge Road at Bonanza Hill Grade Improvement (Talkeetna)
- Beaver Lake Road Connection to Hawk Lane upgrade (Big Lake)
- Bendapoleole – Rehabilitation and a calcite seal
- Big Lake Lodge Road Upgrade
- Big Lake Core Area Street Lighting from Beaver Lake Road to Fish Creek
- Birch Creek Boulevard (Talkeetna)
- Birch Lake Road Upgrade
- Bodenburg Loop road relocation away from continual erosion by the Matanuska River
- Bryant Road Upgrade (Big Lake)
- Buckingham Palace road paving (Houston)
- Burma Road - Sight distance on two curves (Point MacKenzie)
- Cameo Drive Upgrade from Point MacKenzie Road to Knik Road
- Caswell Lakes Road Upgrade
- Chickaloon Road – Identify ROW, road foundation improvements, and drainage improvements
- Clark-Wolverine road maintenance and repair MP 1.5 to end of road
- Columbus Way Upgrade
- Corkey Boulevard Upgrade
- Cottonwood Creek Culvert Upgrades
- Cottonwood Way Extension to Alaska Street (City of Palmer)
- Crystal Lake Road Resurface
- Easy Street improvements 0.46 miles
- Fish Lake Road Paving
- Goose Creek Estates - Improve road conditions
- Glenn Highway Frontage Road - Sutton (Including Bridge Across Eska Creek)
- Greensward Road Paving
- Guernsey Road Paving (Point MacKenzie)
- Heikes Road
- Holstein Avenue Paving (Point MacKenzie)
- Huntley Road Upgrade (Lazy Mountain)
- Inlet Vista Drive (Knik)
- James Street Upgrade
- Karen St. Road Paving (Meadow Lakes)
- Kenny Creek Road
- King Salmon Drive – Realign road to be within ROW to provide legal access
- Knik River Road improvements – reconstruct the roadway from MP 9.8 – 11.2, 1.5 miles from Hunter Creek Bridge to the end of the road
- Knik-Goose Bay Road/Minnetonka Drive intersection improvements
- Kuster Road Upgrade
- Lakes Boulevard – upgrade to collector standards and connect S. Big Lake Road/Susitna Parkway
- Lakeview Drive Realignment (Big Lake area)
- Laybourn Road – Extend Upper Road to create a connection between Lake Lucille Drive and South Mack Drive to be named Laybourn Road
- Lazy Mountain Community Council area lighting for all major school bus stops
- Lazy Mountain emergency access road
- Long Lake Road upgrade

- Lucille Street - Susitna/Park Avenue skyline overpass (City of Wasilla)
- Lucus Road/Nelson Street Intersection
- Main Street Intersection (Talkeetna)
- Maplewood Drive Upgrade
- Mayflower to Hyer Spur Extension
- Meadow Drive Upgrade
- Meadow Lakes Community Center Northern Access – Locate, design and construct an eastern access road to the community center property and provide an alternate access route to Rainbow East, Char-Dee, and Sherwood Estates Addition #2 subdivisions
- Meadow Lakes Community Center Eastern Access – via Vienna Woods - Locate, design and construct an eastern access road from the community center property to West Stacy Street, Vienna Woods Mobile Home Park or North Suzanna Street
- Montana Creek Road Upgrade (Talkeetna)
- MSB Street Lighting (including Talkeetna)
- North Cutthroat Road Upgrade
- Lakes Boulevard Realignment at Mile 2.2
- North-South Connector West of the Glenn Highway (City of Palmer)
- Oilwell Road Upgrade – Widen and improve the embankment and replace the culverts from the intersection with Petersville Road to MP 12
- Parks Highway – Install a pedestrian culvert on the Parks Highway at Cottonwood Creek
- Parks Highway/Point MacKenzie Transportation Corridor
- Pioneer Circle Upgrade
- Pittman/Meadow Lakes Road Connector a.k.a. King Arthur Connector (Meadow Lakes Area)
- Platt Road Upgrade
- Point MacKenzie Community Council area subdivision road construction
- Ranch Road Upgrade
- Randall Road Construction
- Rena Circle Improvements
- Ryan Creek Drive Upgrade (Big Lake)
- Selena Extension to Hallea Lane
- Shulin Lake Trail Subdivision Roads Upgrade
- Silver Drive Road Paving (Meadow Lakes)
- Smith Road Upgrade and Paving
- South Big Lake Road/Corkey Boulevard Intersection
- South Gulkana Street Extension to Outer Springer Loop (City of Palmer)
- South Colony Way Road Improvements - Including signage (City of Palmer)
- Stanley Road Extension
- Street Lighting from Kenlar Road to Fisher's Y and Extending to North and South Shore State recreation sites
- Tamar Drive Upgrade
- Valley Loop Extension – Connects to Phainopela Circle providing a secondary access
- Wasilla Creek Estate - Norman Avenue connector
- Wasilla Fishhook Road improvement MP 3-11 and separated pathway (Seldon to Palmer-Fishhook)
- West Lakes Boulevard to Susitna Parkway connector road
- Wilderness Road Upgrade
- Wilford Lane Improvements
- Willow Lake Drive Improvements
- Willow Drive Improvements
- Wolverine Creek Access Road – New road access to the east side of Wolverine Lake
- Wolverine Lake alternative access
- Wolverine Road paving, maintenance and repair canyon to end
- Wolverine Road realignment and grade improvement through Wolverine Canyon

Public Transportation Projects

Partially Funded Projects (Top 6 Priorities)

1. Port MacKenzie Intermodal Facility

This project will construct a Port MacKenzie Intermodal Facility.

Project Status and Funding: \$1.4 million in FFY02; \$1.7 million in FFY03; and \$1 million in FFY04.

2. Port MacKenzie Ferry Queuing and Parking Area Improvements

This project will construct and improve queuing and parking for the ferry.

Project Status and Funding:

3. Wasilla Station Intermodal Passenger Terminal

This project will provide an Intermodal transportation hub on city owned land near the Wasilla Airport. The facility could accommodate air, rail, bus and vanpool passengers as well as handicap accessible vehicles. Relocation of the train depot (Intermodal passenger terminal) will prevent trains from blocking Knik-Goose Bay Road.

Project Status: Project design is 65 percent complete. Update to CATEX is underway. No construction funds have been identified.

4. MASCOT Systems Improvements

The following capital needs have been identified as necessary to improve transit system delivery:

- ❖ Communications systems upgrades (radio and phone) MDC's/AVL
- ❖ Driving Simulator STIP ID # 19114
- ❖ Operations vehicle
- ❖ Bus bay expansion STIP ID # 24057

Project Status and Funding: Federal funding secured - non-federal matching funds needed. Funding needed annually.

5. Vanpool - mixed day schedule vehicle

Acquire eight additional vans to reduce the waiting list for the Share-A- Ride program. (10-12 passenger vans). STIP ID # 24597.

6. Mat-Su Transit Improvements

Project will construct transit improvements in the Mat-Su Borough including bus stop improvements, transfer centers, maintenance and storage facilities in addition to acquiring transit rolling stock. STIP ID # 23257. Design funding \$500,000 in FFY2012; construction funding \$1.5 million FFY2013.

Unfunded Projects (Top 13 Priorities)

- 1. MSB/Transit Central Maintenance & Washing Facility**
- 2. Park and Ride Lot Upgrades/New Lots**

This project will construct new lots and provide lighting for existing park and ride lots.

 - a. Parks Highway (Lucus to Big Lake)**
 - b. Alaska State Fair Grounds - Palmer**
 - c. Meadow Lakes Community**
 - d. Hyer Road**
 - e. Knik-Goose Bay & Vine**
- 3. Talkeetna Parking and Access Improvements**

(Funding for all Phases)
This project will provide parking, traffic flow, and pedestrian safety improvements in the downtown area of the unincorporated community of Talkeetna.
- 4. Palmer Station Intermodal Passenger Terminal**

This project will provide an Intermodal transportation hub near the City of Palmer. The facility could accommodate air, rail, bus and vanpool passengers as well as handicap accessible vehicles.
- 5. Sutton Intermodal Facility**

This project will provide an intermodal transportation hub near the community of Sutton. The facility could accommodate bus, taxi, and vanpool passengers as well as handicap accessibility. Capital needs identified as necessary to improve the transit system include a transit facility, transit vehicles, an operation vehicle and dispatch equipment, technology and software.
- 6. South Trunk Intermodal Facility**
- 7. Meadow Lakes Community Intermodal Parking Facility**

This project will provide an Intermodal Parking Facility at the Parks Highway and Pittman Road for commuters wishing to share rides and eventually utilize the commuter rail service.
- 8. Houston Intermodal Passenger Terminal**

This project will provide an additional Park-and-Ride lot at a location suitable for serving both carpooling and commuter rail. Proposed location is likely to be near the Big Lake Road/Parks Highway intersection.
- 9. Willow Intermodal Facility**
- 10. Talkeetna Intermodal Facility**

This project consists of construction of a parking area east of the railroad near downtown Talkeetna. Additionally, a pedestrian underpass and pathway would be constructed connecting the parking area with the railroad depot and historic downtown Talkeetna.
- 11. Wasilla Midtown Intermodal Facility**

This project consists of transforming the Old Kenai Supply Building and Maintenance Facility into a multimodal transit facility.

12. Birch Creek Villas Senior Housing Bus Stop (Meadow Lakes)

This project would establish a bus stop at the new Birch Creek Villas Senior Housing building located at the south end of Kim Drive off of Pittman and Karen Drive in the Meadow Lakes area.

13. Increased MASCOT stops in the Meadow Lakes Community

This project will allow residents to use public transportation for work.

Projects Currently Under Construction

1. Park and Ride Lot Upgrades/New Lots

This project will pave and provide lighting for existing park and ride lots.

a. Seward-Meridian Park and Ride

2. Core Area Bus Stops

This project establishes bus stops in the core area between and in the cities of Palmer and Wasilla.

Transportation Safety Projects

1. Safety Crossing on the Parks Highway at Susitna Valley Junior/Senior High School

This project will provide a separated grade crossing on the Parks Highway at approximately MP 98.5 near the Susitna Valley Junior/Senior High School. The road is approximately 40-foot wide and the speed limit is 55 mph.

Project Status: Funding not yet identified.

Partially Funded Projects (Top 4 Priorities)

1. Traffic Light at intersection of Johnson Road and Parks Highway for Fire Station 7-3

This project will provide controlled access to Johnson Road and Parks Highway near Fire Station 7-3.

2. Knik-Goose Bay/Fern Street Intersection Improvements

This project will provide a traffic signal and left turn lane at the intersection of Knik-Goose Bay Road and Fern Street for safety.

Project Status and funding from previous years: Traffic study complete. Funding needed for construction.

3. Traffic Calming at Various Locations

This project will provide traffic calming design and measures at various locations.

Project Status and funding from previous years: \$175,000 for project design and construction in FFY10.

4. Seldon-Lucille Intersection Improvements

This project will flatten grades approaching the intersection from the south and north on Lucille Street and install 4-way traffic stop signal, highway illumination, signing and guardrail.

Unfunded Projects

1. Right Turn Lane on Pittman at Parks Highway

This project will provide a right turn lane on Pittman Road at the intersection with Parks Highway.

2. Turn Lanes at Midnight Sun School

This project will provide turn lanes on Pittman to improve access to Midnight Sun School.

3. Turn Lane at Fire Station 7-1

This project will create left turning pockets on Pittman Road for turning into the Meadow Lakes Fire Station 7-1.

4. Parks Highway/Hidden Hills Road Turn Lanes

This project will create a right turn lane in the northbound lane of the Parks Highway at the intersection of the Parks Highway and Hidden Hills Road. The project would additionally create a center lane in the southbound lane of the Parks Highway at the intersection of the Parks Highway and Hidden Hills Road.

5. Safety Corridors - Palmer-Wasilla Highway

6. Wolverine Canyon Guard Rails

This project will complete guardrail construction along Wolverine Road through Wolverine Canyon.

7. Fairview Loop Guard Rails

8. Upgrade of Papoose Twins Road and Trailhead for Crooked Lake Trail

(see Trails Projects for Crooked Lake Trail Trailhead)

9. Glenn Highway/East Inner Springer Loop Intersection Improvements

This project will provide turn lanes and access improvements to decrease turning movement conflicts and increase safety.

10. MP 55½ Glenn Highway - Education Campus Access

This project will improve access to the Chickaloon Native Education Campus.

Lighting and Illumination Projects

1. School Zone Flashing Caution Lights

This project will provide flashing "school zone" lights.

a. Meadow Lakes Elementary

b. Seldon Road at the intersection of Lakeview Road & Seward Meridian Parkway

- c. **Larson Elementary**
 - d. **Cottonwood Creek Elementary**
 - e. **Snowshoe Elementary**
 - f. **Burchell High School**
 - g. **Teeland Middle & Career & Technical High School**
 - h. **Pioneer Peak Elementary**
 - i. **Palmer High School**
2. **Big Lake Road and Kenlar Road Intersection Illumination**
This project will provide street lighting at the Kenlar Road intersection with Big Lake Road to improve visibility and to increase safety for drivers, pedestrians and pathway users.
3. **School/Transit Bus Stop Illumination**
Project will provide illumination and signals at bus stops throughout the communities to increase safety of school children waiting for a school bus and persons awaiting transit.
- a. **Meadow Lakes**
 - b. **Fairview Loop**
 - c. **Lakeside Bus Stops**
 - d. **Shaw Elementary**
4. **Business District Street Lighting (Big Lake)**
This project will provide illumination in the core area as defined by the Big Lake Comprehensive Plan. The streetlights will extend from Beaver Lake Road/Big Lake Road Intersection through to Fish Creek Park.
5. **Lighting at the entrance of the Meadow Lakes Senior Center at the end of Kim Drive in Birch Creek Subdivision**
This project will provide illumination at the entrance of the Senior Complex which will provide an area safer from vandalism, theft, and predators, allowing residents to feel more secure.
6. **Illumination of Port MacKenzie Road System**
This project will provide illumination for the Port MacKenzie Road System.

Bridge Projects

Partially Funded Projects

1. **Deneki Meadows Bridge on Michelle Drive (RSA #20 - Willow)**
This project will replace Deneki Meadows Bridge located on Michelle Drive. Bridge was lost during the flooding in 2006; public safety issues for secondary access.
- Project Status and Funding:** Design complete. Bid package to be released Fall 2011. Estimated funding needed is \$2 million.
2. **Gate Creek at Sylvia-Ann Marie (RSA #30 - Trapper Creek)**
This project will replace bridge de-rated by ADOT&PF.
- Project Status and Funding:** Estimated funding needed is \$275,000 (for single lane bridge).

- 3. Cottonwood Creek at Earl Drive (RSA #25 - Bogard)**
This project will replace bridge de-rated by ADOT&PF.
Project Status and Funding: Estimated funding needed is \$450,000.
- 4. Willow Creek at Grubstake (RSA #20 - Willow)**
This project will replace bridge de-rated by ADOT&PF (State Road).
Project Status and Funding: Estimated funding needed is \$275,000.
- 5. Kroto Creek at Oilwell Road (RSA #30 – Trapper Creek)**
This project will rebuild the existing bridge.
Project Status and Funding: Estimated funding needed is \$50,000.
- 6. Moose Creek at Oilwell Road (RSA #30 - Trapper Creek)**
This project will rebuild the existing bridge.
Project Status and Funding: Estimated funding needed is \$50,000.
- 7. Fish Creek at Lewis Loop (RSA #17 - Knik)**
This project will rebuild the existing bridge.
Project Status and Funding: Estimated funding needed is \$15,000.
- 8. Little Susitna River Bridge on Welch Way (RSA #28 - Gold Trail)**
This project will replace bridge de-rated by ADOT&PF.
Project Status and Funding: Estimated Funding Needed \$400,000.
- 9. Little Susitna River Bridge at Moose Meadows Road (RSA #28 - Gold Trail)**
This project will replace bridge de-rated by ADOT&PF.
Project Status and Funding: Estimated funding needed \$500,000.
- 10. Trapper Creek Bridge at Bradley (RSA #30 - Trapper Creek)**
Project Status and Funding: Estimated Funding Needed \$900,000.
- 11. Montana Creek Bridge at Yoder Road (RSA #29 - Talkeetna)**
This project will rebuild the existing bridge.
Project Status and Funding: Estimated Funding Needed \$50,000.
- 12. Bodenbug Creek Bridge at Sullivan Avenue (RSA #26 - Butte)**
This project will rebuild the existing bridge over Bodenbug Creek.
Project Status and Funding: Estimated Funding Needed \$212,000.
- 13. Little Susitna River Bridge at Susitna Parkway (Big Lake)**
This project will bridge the Little Susitna River for access to Forest Management Unit. This project is currently not within an RSA.
Project Status and Funding: Partial Funding provided by an Earmark for the EIS.

Unfunded Projects

- 1. Little Susitna Crossing at Coles Road (RSA #28 - Gold Trail)**
An additional bridge crossing the Little Susitna River is needed to provide a connection between Coles Road and Welch Way.
- 2. Dinty Lake Bridge Construction (Lake Louise)**
This project will construct a single lane bridge across Dinty Lake Creek to access Dinty Lake. This project is not located within an establish RSA.
- 3. Fish Creek Bridge at Echo Lake Road (RSA #21 - Big Lake)**
This project will construct a replacement bridge across Fish Creek on Echo Lake Road. Right of way may need to be acquired.
- 4. Chulitna River Crossing (Off of Parks Hwy)**
This project will construct a road to the Chulitna River and bridge the Chulitna River for better access to Forest Management Unit. This project is not located within an established RSA.
- 5. Cottonwood Creek Bridge at King Salmon Drive**
This project will replace one of the last railcar bridges in the MSB inventory.

Bridge Projects Needs List (Un-Prioritized – Alphabetized)

Numerous other bridge projects have been nominated for inclusion in the six-year Transportation Improvement Program (TIP) by community councils, road service areas, and the general public. Unfortunately, since there is only a limited amount of funding available for bridge projects in the borough, these bridges were not included in the above priority list. They have been included in the Needs List for future reference.

BRIDGE PROJECTS

- ❖ Bradley Road Bridge
- ❖ Eska Creek Bridge – Glenn Highway to Frontage Road
- ❖ Misty Lane Bridge
- ❖ Tuxedo Avenue Bridge
- ❖ Willow Creek Mine Bridge rehabilitation

Matanuska-Susitna Borough



MSB Recommended Impoundment Projects

2013 DRAFT

MSB Recommended Impoundment Projects

These are projects where the road embankment is impounding on adjacent waterways which flood over the road during heavy rains. All projects in this category fall into the sub-category of Unfunded Projects.

Unfunded Projects

1. Caswell Lakes

Project Status and Funding: Estimated funding needed is \$275,000.

2. Phillips Drive

Project Status and Funding: Estimated funding needed is \$275,000.

3. Upper Caswell Lakes Spillway

Project Status and Funding: Unable to estimate cost of project until more information is provided.

2013 DRAFT

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Matanuska-Susitna Borough



MSB Recommended Airport Projects

2013 DRAFT

MSB Recommended Airport Projects

Big Lake Airport

1. Install New Lighting System

This project would upgrade the controller system for runway lights increasing safety.

Project Status and Funding: Funding not yet identified.

2. Two-Bay Equipment [m9] Building and Front End Loader

This project will construct a two-bay equipment building and purchase a front end loader for snow removal.

Project Status and Funding: Funding not yet identified.

Goose Bay Airport

1. Security Fence

This project will provide a safe and clear runway, and a secure place to park aircraft.

Project Status and Funding: Funding not yet identified.

Lake Louise Airport

1. Capping the runway, taxiway and apron with D-1 material

Project Status and Funding: Funding not yet identified.

Matanuska-Susitna Borough Airport

1. Floatplane Location Study, Phase II

The Borough's 2008 Regional Aviation System Plan (RASP) identified the need for a floatplane facility. This plan will provide a location study, feasibility analysis, and construction of the floatplane facility. Funding will be identified when a location is selected.

Palmer Municipal Airport

1. Rental T-Hangers

Project Status and Funding: Estimated Cost \$315,000.

2. Update Airport Layout Plan (ALP) to implement new Airport Master Plan

3. Acquire Runway 9 RPZ Tract B (8+ acres)

4. Aircraft Tie-Down Plugins

Project Status and Funding: Estimated cost \$100,000.

5. Paint Flight Service Building and Office Remodel

Project Status and Funding: Estimated cost \$50,000.

6. Security Gates

Project Status and Funding: Estimated cost \$500,000.

7. Design Runway 16/34 Rehabilitation

Project Status and Funding: Estimated cost \$500,000.

8. Runway 16/34 Rehabilitation

Project Status and Funding: Estimated cost \$1.25 million.

Talkeetna Airport

1. New Apron on North End of Airport Including Lease Lots

This project will expand commercial, GA and transient aircraft parking. Construction transient parking apron and embankment for the future GA and lease lot apron development. Construction anticipated in 2011-2012.

Project Status and Funding: Estimated cost \$1.53 million

2. New Helipad Facility

Project Status and Funding: Funding not yet identified.

Wasilla Municipal Airport

1. Construct Primary Airport Access Road

Project Status and Funding: Funding is in Governor's FY2012 budget.

2. Construct Runway 3-21 Navaid Improvements

Project Status and Funding: Part of current Wasilla CIP and in Wasilla Airport Master Plan.

Willow Airport

Phase I of Willow Airport Master Plan nearing completion with recommended alternative identified. Cost of all improvements approximately \$30 million.

1. Taxiway Improvements

Project Status and Funding: Funding not yet identified.

2. Public Float Plane Dock

Project Status and Funding: Funding not yet identified.

3. Signage and Fencing

Project Status and Funding: Funding not yet identified.

4. Install Automated Weather Observation System

Project Status and Funding: Funding not yet identified.

5. Helicopter Pad and Parking

Project Status and Funding: Funding not yet identified.

6. Senior Center Access Road Relocation

Project Status and Funding: Funding not yet identified.

7. Apron Space For Tie-Downs at South End

Project Status and Funding: Funding not yet identified.

8. Construct Secondary Access Road At Ends

Project Status and Funding: Funding not yet identified.

9. Highway Crossing Improvements

Project Status and Funding: Funding not yet identified.

10. Taxiway and Apron Paving

This project will pave the taxiway and apron to reduce dust and maintenance - local pilots have requested that the runway remain gravel.

Project Status and Funding: Funding not yet identified.

11. Island Removal

Project Status and Funding: Funding not yet identified.

Airports Needs List (Un-prioritized)

- Wolverine Road emergency access airstrip at the end of state maintenance

2013 DRAFT

Matanuska-Susitna Borough



MSB Recommended Rail Projects

2013 DRAFT

MSB Recommended Rail Projects

Partially Funded Projects

1. **Southcentral Rail Extension to Port MacKenzie Facility**

This project will construct a rail spur to Port MacKenzie via the Houston South route to provide an efficient transportation linkage for freight between Port MacKenzie and the Fairbanks to Anchorage rail belt.

Project Status [MBB10] **and Funding:** \$ 92.5 million in state funding. Estimate \$180 million in additional funding needed.

2. **South Mack Drive Grade Separated Crossing**

As part of its development of a new intermodal facility north of South Mack Drive, the City of Wasilla is preserving the opportunity to grade-separate the intersection of South Mack/Church/Parks Highway which will elevate the road over the railroad. The City has preliminary planning efforts under way and expects to complete engineering to prepare bid ready documents.

Project Status and Funding: Bids are expected to go out by the end of 2011. Construction funds have not been identified.

Unfunded Projects

1. **Commuter Rail Services to Palmer and Wasilla**

This project consists of rail line improvements and equipment necessary to establish commuter service between Anchorage and the Matanuska-Susitna Borough.

Project Status and Funding: \$750,000 for a demonstration project.

2. **Parks Highway Grade Separated Crossing MP 91.5**

ARRC Milepost 206.3, eliminate at-grade crossing.

3. **Parks Highway Grade Separated Crossing MP 100.5**

ARRC Milepost 204.3, eliminate at-grade crossing.

4. **Talkeetna River Small Vehicle/Pedestrian Bridge**

Increased need for access to the Chase Trail requires a separate pedestrian/small vehicle access to provide a safer access than the current limited use of the Alaska Railroad bridge trainmen's walk.

5. **Northern Borough Interagency Emergency Center in Talkeetna**

This project will establish an interagency (federal/state/ARRC/borough) emergency response center in Talkeetna which could respond to natural and man-made disasters.

6. **Knik Arm Rail Crossing**

7. **South Trunk Road Grade-Separated Crossing**

This project will design and construct a bridge for Trunk Road South (Nelson Road) traffic to flow over the Alaska Railroad on a separated grade crossing.

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2013 DRAFT

Matanuska-Susitna Borough



TRAAK **Trails and Recreational Access for Alaska** **Highway Related Separated Trails & Enhancements**

2013 DRAFT

Matanuska-Susitna Borough's Recommended Trails and Recreational Access for Alaskans (TRAAK) Projects

The Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) requires that ten percent of the Surface Transportation Program's funding be set aside and allocated for transportation enhancements. The purpose of these funds is the enhancement of the transportation system beyond what is normally done for projects. Transportation enhancements can include:

- Provision of facilities for pedestrians and bicycles
- Acquisition of scenic easements and scenic and historic sites
- Scenic or historic highway programs
- Landscaping and other scenic beautification
- Historic preservation
- Rehabilitation and operation of historic transportation buildings, structures, or facilities
- Preservation of abandoned railway corridors
- Control and removal of outdoor advertising
- Archeological planning and research
- Mitigation of water pollution due to highway runoff
- Transportation museums
- Safety/educational activities for pedestrians and cyclists

The Matanuska-Susitna Borough Parks, Recreation, and Trails Advisory Board separated the TRAAK Projects into the following categories:

- Highway Related Separated Trails & Enhancements
- Recreational Trails

Each of these categories includes a priority listing and a needs list.

Highway Related Separated Trails & Enhancements (Top 17 Priorities)

1. Fairview Loop Road (Snowshoe Elementary) Pedestrian/Bike Path.

Project will provide a separated pathway from MP 4.8 to 9.2.

Project Status and Funding: \$4.3 million received by ADOT&PF in 2010 for 2.4 miles of separated paved pathway along Fairview Loop Road roughly centered around Snowshoe Elementary.

2. Bogard Road Paved Pedestrian/Bike Path

(Trunk Road to Seldon/Bogard Extension)

Locate, design and build pedestrian/bike paths along, or near the roadways (these routes will connect school pathways).

Project Status and Funding: Funding not yet identified.

3. Seldon Road Paved Pedestrian/Bike Path

(Bogard to Lucille)

Locate, design and build pedestrian/bike paths along, or near the roadways (these routes will connect school pathways).

Project Status and Funding: Funding not yet identified.

4. Vine Road Pedestrian/Bike Path between Hollywood and Knik-Goose Bay Road.

Project will provide improvements to the existing pathway.

Project Status and Funding: Funding not yet identified.

5. Fern/Edlund Pedestrian/Bike Path.

(Between Fairview Loop and Knik-Goose Bay Road)

Project Status and Funding: Funding not yet identified.

6. 49th State Street Paved Pedestrian/Bike Path

(Palmer-Wasilla Highway to Colony Schools Drive)

Locate, design and build pedestrian/bike paths along, or near the roadways (these routes will connect school pathways).

Project Status and Funding: Funding not yet identified.

7. Colony Schools Drive Paved Pedestrian/Bike Path

(Colony Middle School to Trunk Road)

Locate, design and build pedestrian/bike paths along, or near the roadways (these routes will connect school pathways).

Project Status and Funding: Funding not yet identified.

8. Pittman Road Multi-Use Roadside Trail

(Parks to Church)

Project Status and Funding: Funding not yet identified.

9. Palmer Fishhook to Hatcher Pass Pedestrian/Bike Path

(Gold Mint Trailhead)

Locate, design and build paved pedestrian/bike paths that connect parks and open space areas.

Project Status and Funding: Funding not yet identified.

10. Lucille Street Paved Pedestrian/Bike Path

(Seldon Road to Schrock)

Locate, design and build pedestrian/bike paths along, or near the roadways (these routes will connect school pathways).

Project Status and Funding: Funding not yet identified.

11. Trapper Creek Elementary School to Parks Highway Intersection Pedestrian/Bike Path

Locate, design and build pedestrian/bike paths along, or near the roadways (these routes will connect school pathways).

Project Status and Funding: Funding not yet identified.

12. Eska Creek Bridge; Glenn Highway - Pedestrian/Bike Path

Project Status and Funding: Funding not yet identified.

13. Church Road Multi-Use Roadside Path

Project Status and Funding: Funding not yet identified.

14. West Seldon Paved Pedestrian/Bike Path

(Lucille to Wards Drive)

Locate, design and build pedestrian/bike paths along, or near the roadways (these routes will connect school pathways.)

Project Status and Funding: Funding not yet identified.

15. Parks Highway Trail – Willow Region

(Willow to Talkeetna)

Trail along new section of road between Willow and Talkeetna.

Project Status and Funding: Project evaluated by Project Evaluation Board (PEB) but score may be too low to advance with just Federal funds. Supplemental local or state funding needed to increase score.

16. Meadow Lakes Loop Multi-Use Trail

This project will design and/or improve trailhead. Harder trail damaged by off road vehicle use, sign and mark trail for safety.

Funding not yet identified.

17. Smith Road Pedestrian/Bike Path

Project Status and Funding: Funding not yet identified.

Highway Related Separated Trails & Enhancements Needs List (Un-Prioritized – Alphabetized)

Numerous other Highway Related Separated Trails & Enhancements have been nominated for inclusion in the six year CIP. Unfortunately, since there is only a limited amount of funding available these enhancements were not included in the above priority list. They have been included in alphabetical order in the Needs List for future reference.

- Beverly Lake Road Multi-Use Trail (Church to Pittman Road).
- Big Lake - Completion of Pedestrian/Bike Path across Fish Creek to Big Lake State Recreation Area.
- Big Lake Elementary School to Snowshoe Elementary School Pedestrian/Bike Path.
- Big Lake Trail crossing of Trail 1 and Lakes Boulevard.
- Bodenburg Creek Wayside at MP 14 Old Glenn Highway (Including: Viewing Stand, Parking Area, and Signage).
- Bogard to Mariah Paved Pedestrian/Bike Path.
- Chickaloon-Knik Nelchina Trail System (Glenn Highway National Scenic Byway Site #21).
- City of Wasilla Separated Path along Knik-Goose Bay Road.
- City of Wasilla Separated Path along Lucus Road.
- City of Wasilla Separated Path along Wasilla-Fishhook Road.
- Collinsville/Petersville Road - Scenic waysides.
- Connector Pedestrian/Bike Trails (Borough-wide).
- Construction of safe routes to schools pathways for existing and new school sites.
- Glenn Highway – A separated bike/pedestrian path along the Glenn Highway from Kings River to Palmer.
- Kenlar Road Bike Trail – Bike trail connecting to Kenlar Road to Hawk Lane and to Beaver Lake Road.
- Knik Glacier Overlook and Visitors Center, Knik River Road.
- Lucille Creek Multi-Use Trail Connector – From the Wasilla Sports Complex to the Parks Highway.
- Lucus Road Paved Pedestrian/Bike Path.
- Meadow Lakes Cross Country, Equestrian, Running and Skiing trails.
- Old Knik River Bridge Pedestrian Conversion.
- Palmer Area to Lazy Mountain and Butte Elementary School Pedestrian/Bike Path.
- Parks Highway – Willow to Talkeetna new road upgrade including bicycle path.
- Pittman Road Separated Path (Meadow Lakes Elementary School) from Parks Highway to Church Road.
- Scenic Turnout on South Knik River Road.
- Schrock Road Multi-Use Roadside Trail Phase One (Intersection of Schrock Road and Church west to the Olson Bridge on the Little Su).
- South Big Lake Road Public Access and Scenic Viewing Area - MP 9.6.
- Sutton Elementary School Paved Bike Path from Glenn Highway.
- Talkeetna Area to Talkeetna Lakes Park and Christiansen Lake Park Pedestrian/Bike Path.
- Talkeetna Bike Trail south to Montana Creek, - Extension of bike trail connecting existing bike trails.
- Willow Bike Trail – Construct a bike trail beginning at the Parks Highway pedestrian tube and ending at Willow Fishhook Road.
- Willow Community Center to Deception Creek SRA Pedestrian/Bike Path.
- Willow Creek Access Road Paving, Separated Path and Trailheads.
- Willow Creek SRA to Willow Elementary School and Willow Community Center Pedestrian/Bike Path.

Recreational Trails

Partially Funded Projects

1. Hatcher Pass X-Country Ski Trail System

Design and develop x-country ski trail system. Includes the following steps:

a. Locate and acquire access from Edgerton Park Road to future X-country ski area

Locate and acquire access.

b. Design access, trailhead facility and ski trail system

Access trailhead, trailhead facility, and ski trail system.

c. Construct access road, transit facility, trailhead parking facility and trail system

Construct access, trailhead, and trail system.

2. Wasilla to Big Lake Trail

A multi-use trail will connect the City of Wasilla with the Community of Big Lake. This would include trailheads, drainage improvements, signage and any bridging necessary to cross streams or creeks. \$2,000 in state and \$2,000 in Federal.

Project Status: Consultant working on routes and preparing to have a meeting with property owners to discuss ROW acquisitions.

3. Lower Valley Multiple Use Trail Loop

Design and develop x-country ski trail system. Includes the following steps:
(segments not covered elsewhere)

a. Hatcher Pass to Willow

b. Big Lake to Knik

c. Knik to Wasilla

d. Wasilla to Crevasse Moraine

e. Kepler-Bradley to Palmer

4. Lower Susitna Recreation Area

a. Point MacKenzie Trailhead (relocate)

b. Multi-Use connector winter trails

Figure 8 Lake Trail system survey

c. Lake Lorraine

Located within the Port District to include office park, day use trails, and a small boat launch. Road access will be from Port MacKenzie Road.

5. Eska Falls Trail and Motorized Trail

(Compatible design, flagging, and development)

This project will design and/or improve trailhead. Harder trail damaged by off road vehicle use, sign and mark trail for safety.

Status: \$350,000 FY2011 MSB Capital

Unfunded Projects

1. **Mat-Su Recreational Trails Plan Implementation**
 - a. **Reservation, surveying and acquisition**
 - b. **Trail Signage**

Includes trail safety and education information and tips (type of trail use).

2. **France Road Reconnaissance, locate, survey trails into Crevasse Moraine and Kepler-Bradley State Park**

Mat Lake State Recreation Area Name Change now known as "Matanuska Greenbelt"
Funding not yet identified.

3. **Railroad Trail Palmer to Moose Creek**

This project will convert the abandoned railroad right-of-way between Palmer and Moose Creek to an improved recreational trail. Includes the following steps:

 - a. **Upgrade railroad trail for use as pedestrian/bike path; mark and sign trail**
 - b. **Construct trailhead parking facility in Palmer**
 - c. **Construct trailhead parking facility near Moose Creek**

4. **Jim Creek/Knik River Trail from Sullivan Parking Lot to Knik River**

5. **Youngs Creek & King River Trail Hardening, Bridges Survey and Re-route**

6. **Trail Hardening & Bridges for Puritan Creek Trail**

7. **Wasilla Creek Headwaters Trail - Trail Hardening, Bridges & Restroom**

8. **Gold Rush Turnout - Glenn Highway**

Project will develop an accessible 6 foot wide interpretive trail giving visitors a ten minute's walk.

9. **Haessler-Norris Trail**

10. **Wasilla Creek/Bogard Road to Mat-Su College**

A trail from Bogard Road south to Mat-Su College, utilizing as much of the old Trunk Road alignment as feasible.

11. **Reflection Lake Trailhead and Trail Improvement - Signage**

12. **Bellanger Pass Trailhead**

Design and construct and/or improve trailhead. Harden the trail damaged by off road vehicle use; sign and mark trails for safety and directional information.

13. **Bench Lake Trail Bridge across Little Susitna River**

Construct trail bridge across the Little Susitna River. The bridge is to be 10 feet wide and 40 feet in length with sufficient strength to service horses, ATV's, foot traffic and snow machines. The trail was been grubbed and cleaned during the fall of 2010 in preparation.

Recreational Trails Needs List (Un-Prioritized – Alphabetized)

Numerous other Recreational Trails have been nominated for inclusion in the six year CIP. Unfortunately, since there is only a limited amount of funding available these enhancements were not included in the above priority list. They have been included in alphabetical order in the Needs List for future reference.

- Chickaloon Community Center Trail – Construct trail from the Chickaloon Community Center to the north end of North Castle Mountain Street.
- City of Palmer Pedestrian/Bike Path System
- Coal Hills to Glenn Highway – designated ATV Trail
- Cottonwood Creek access of Hayfield Road
- Crevasse Moraine Trail Lighting
- Crevasse Moraine to France Road Connector Trail System
- Crooked Lake Trail - Trailhead and Upgrade of Papoose Twins Road
- Flat Lake to Big Su Trail
- Houston Lake Loop Trail
- Iditarod to Knik Susitna Station Trail
- Kashwitna-Montana Creek Trail Planning
- Kings River to Palmer – Bike Path completion
- Lake Louise Trail Marking Safety Lights
- Meadow Lakes – Shared Cross Country Running, Skiing, and Equestrian Park Trails
- Michelle Trail Survey – Donated land that needs to be surveyed in order to become part of the Matanuska-Susitna Trail Plan
- Moose Creek Canyon Railroad Trail upgrade and Bridges (3)
- Moose Range Trail Reclamation – Repairing damaged trails in the Moose Range area that provide wilderness access
- Old Rainbow Lake Trailhead on Whopper Avenue (RST 1721 Kashwitna River Trail)
- Plumley-Maud Trail Bridges (4)
- Talkeetna Lakes Recreation Area – This project will construct a Nordic trail system in the New Talkeetna Lakes Recreation Area
- Talkeetna Mail Trail Trailhead on Hidden Hills Road
- Trail Railroad Crossings – Fund all railroad intersection crossings of trails that are currently in the Mat-Su Recreational Trails Plan.
- Trailhead, trail hardening & bridges for 17 Mile Lake Trail
- Trans-borough Trail Network System/Winter Multi-use Recreational Trails Network
- Vi Reddington Fish Creek Iditarod Trail Crossing Bridge
- Whiskers Creek Canoe Portage System
- Willow Creek Sled Trail - Scenic, Historic Sites, Easements
- Willow Summer Trails design and construction (will connect business, public facilities, parks and green belt areas)
- Wolverine Lake/Wolverine Glacier Trail Alternative Access

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Matanuska-Susitna Borough



MSB Recommended Emergency Services Projects and Infrastructure

2013 DRAFT

MSB Recommended Emergency Services Projects and Infrastructure FY 2013 – FY 2018

Facilities

1. Caswell Lakes Fire Station 13-1

New fire station to serve Caswell fire Service Area. Includes all aspects of constructing a structure on undeveloped land including site survey, geological study, architectural design of the building and landscape, water exploration and drilling, placement of a forty-thousand (40,000) gallon water reservoir under the fire station, land preparation, and construction of a modern fire station.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$2.2 million	\$2 million	\$200,000		

2. Willow Fire Station 12-1 Addition to Existing Apparatus Bay

Construction of an addition to the existing fire facility to accommodate the fire, rescue, and EMS offices, combined meeting and training room, kitchen, restrooms with showers, fire sprinkler system, and placement of a forty-thousand (40,000) gallon water reservoir. This project includes all aspects of constructing an addition to an existing building including, site survey, geologic studies, architectural design of the building and landscape, land preparation, and the construction of the additional facility.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$950,000	\$800,000	\$200,000	\$150,000	

3. Willow Fire Station 12-1 Replacement

This project will provide for a new fire station with state of the art design and materials to allow for the building to be earthquake proof to a magnitude 9.7. The project would be constructed on the site of the previous building (after demolition) and will have the ability to expand as needed.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$ 1.1 million	\$900,000	\$200,000		

4. West Lakes Fire Department - Parks Highway Station (7-3)

Construction of a new 30,000 square foot fire station with overnight responder facilities and administration building. To be located in the vicinity of MP 51 of the Parks Highway between Johnson Road and Spring Road, and centered between the communities of Big Lake, Meadow Lakes and the City of Houston.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$13.1 million	\$11.6 million	\$1.5 million		

5. Port MacKenzie Public Safety Facility

Construction of a new 35,000 square foot public safety building in the Port MacKenzie District to support fire protection, emergency medical services, rescue services and law enforcement. The facility will be built on a Borough-owned parcel, and will have multiple bays to house all the needed fire, EMS, Rescue and Law Enforcement vehicles and equipment, as well as living quarters, office space, and training/meeting room.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$11 million	\$11 million			

6. Knik Public Safety Building (Station 6-2)

This project will provide for a new public safety building to be constructed on a 73.59 acre parcel of land located at MP 6.9 on Knik-Goose Bay Road at the intersection of Knik-Goose Bay Road and Vine Road, adjacent to the existing public safety building. Construction of a new fire station will provide 15,000 square footage for 24/7 future staffing of emergency responders, firefighters, rescue technicians, emergency medical technicians and paramedics, allowing for a decrease in response times and an increase in the level of fire protection to the community. The construction will reduce the overcrowding of other stations and provide for better access and use by the community.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$7 million	\$5.5 million	\$1.5 million		

7. Central Mat-Su Fire Department Warehouse

This project will provide a warehouse which will be built at the proposed South-Central Regional Emergency Services Regional Training site located at MP 6.9 Knik-Goose Bay Road at the intersection of Knik-Goose Bay Road and Vine Road. The project will consist of a 10,000 square foot heated facility to be used as a storage complex for supplies and equipment for the Central Mat-Su Fire Department. Construction of this facility will allow for the consolidation of items from two other rented storage facilities and multiple connexes into one secured area, allowing for better inventory control and reduced rental costs. A section of the building will also be utilized as an indoor training area during severe weather conditions. The structure will have bathroom facilities and two administrative offices.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$2 million	\$2 million			

8. South Central Regional Emergency Services Training Center

The project will create a central regional training center for emergency services adjacent to Station 6-2, the Knik Public Safety Building. The new facility will include construction of the center and a warehouse, a road system, water system, helicopter landing pad, paved vehicle extrication site and hazmat training center. The project will be completed in two phases.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$5.7 million	\$5.7 million			

a. Aircraft Incident Training Facility/Equipment

This project will add the design and construction of a specific aircraft incident training site to the proposed South Central Regional Services Training Center. An aircraft training propeller and curriculum /course development and implementation are included.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$500,000	\$450,000	\$50,000		

9. Fill Site Upgrades to Willow Station 12-1 and 12-2

This project will install a 40,000 gallon tank and a 1,000 GPM pump at the Willow Fire Station 12-1 located at mile 69.5 Parks Highway; and, replace a 10,000 gallon tank with a 40,000 gallon tank and a 1,000 GPM pump at the Willow Fire Station 12-2 located at mile 10 on Willow side of the Hatcher Pass Road. Currently, tankers must fill from a local lake or must respond 10 miles to Station 12-2 to refill from an inadequate and aging 10,000 gallon tank.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$220,000	\$220,000			

10. West Lakes Fire Department (20) 40,000-gallon Underground Water Supply Tanks - Parks Highway Station

This project will provide a consistently reliable water supply in the Big Lake and Meadow Lakes area (West Lakes FSA) by burying water supply tanks in strategic areas of the community.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$3.6 million	\$3 million	\$600,000		

11. Butte Fire Station 2-1 Office Upgrade

This project will convert an old furnace room and storage area at the current station into usable office space and a classroom. The project will include removing duct work, adding an interior wall, refinishing floors and walls, upgrading the lighting, constructing an enclosed exterior door and landing, and adding a window to allow for natural light and act as a fire escape.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$120,000	\$100,000	\$20,000		

Equipment

1. Caswell Lakes Fire Engine 13-1

This project will provide for the purchase a new fire engine to meet all current Federal and State requirements for design and functionality to be housed in the newly constructed Caswell Lakes Fire Station. The new engine will have compressed air foam system (CAFS) to improve the efficiency in which fires are extinguished.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$550,000	\$500,000	\$50,000		

2. Replacement Tanker (Station 12-2)

This project will provide for the purchase of a new tanker to replace the existing aging tanker, which is located at MP 10 from Willow on Hatcher Pass Road. The current tanker is a 1975 surplus vehicle that was retrofitted with a 3,000 gallon tank. It cannot operate at freezing temperatures as the plumbing configuration is open to the elements. Replacement parts are no longer readily available significantly increasing the cost of maintenance and upkeep. The vehicle is not in compliance with the latest DOT and NFPA (National Fire Protection Association) mandated/recommended safety features, and is past its life cycle for operating effectively and efficiently.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$500,000	\$400,000	\$100,000		

3. Heavy Rescue/Fire Engine – Port MacKenzie District

This project will provide for the purchase of a combination heavy rescue/fire engine to be located in the Port MacKenzie District.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$750,000	\$750,000			

4. Ambulance Replacement

Funds will provide for the replacement of two ambulances (one purchased in 1999, and the other in 2000) within our emergency medical system. The Matanuska-Susitna Borough provides ambulance service to entire Borough (25,000 square miles) and is need of replacing two of our older model ambulance vehicles.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$320,000	\$220,000	\$100,000		

5. Fire Apparatus Replacement – Sutton Fire Service

Sutton Fire Services areas tanker replacement for Tanker 1-2. This funding is necessary to replace a 1983 fire tanker serving the Sutton Fire Services area. This tanker is very old and does not meet current NFPA standards for water capacity, pumping capacity, or personnel safety. The Sutton Fire Service Area has the highest fire service area mil rates in the Borough, but the revenue received is not sufficient to fund this capital project.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$600,000	\$600,000			

6. Fire Apparatus Replacement – West Lakes Fire Service

West Lakes (formerly Meadow Lakes) Fire Services areas, 1 engine, 2 tankers, and 1 command/support vehicle. This funding is to replace a 1983 Fire Engine, a 1985 and a 1988 Fire Tanker, and a 1997 command/support vehicle in the West Lakes (formerly Meadow Lakes) Fire Services area. The three fire apparatus do not meet current NFPA standards for water capacity, pumping capacity, or personnel safety.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$1.35 million	\$1 million	\$350,000		

7. Rescue Equipment

The popularity of the Borough for recreational uses, particularly snow machining and other back country uses has increased the number of emergency responses to provide emergency medical and search and rescue operations. This project will provide needed search and rescue operations equipment.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$75,000	\$75,000			

8. Heavy Rescue/Fire Engine – Talkeetna/Trapper Creek/North Su Valley

This project will provide for the purchase of a combination heavy rescue/fire engine to be housed in the Sunshine Public Safety Building (#11-2) located at MP 98 of the Parks Highway.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$750,000	\$75,000			

9. Replacement Engine 641 (Station 6-4)

This project will replace the existing Fire Engine 641 which is housed at the Point MacKenzie Public Safety Building located at MP 3.4 Point MacKenzie Road. The current fire engine is 26 years old and only allows for two people to ride safely in the cab of the truck. The new apparatus will allow for the transport of an engineer and four firefighters, and will comply with the latest DOT and NFPA (National Fire Protection Association) mandated/recommended safety features. The purchase of a new tanker/water tender will help to maintain the current Insurance Services Office's (ISO) rating of the Wasilla-Lakes Fire Service Area. Lower ISO ratings can equate into lower insurance premiums.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$600,000	\$500,000	\$100,000		

10. Replacement Engine 671 (Station 6-7)

This project will replace the existing Fire Engine 671 which is housed at the Wasilla Airport entrance at 751 S. Beacon Street. The current engine is 26 years old and no longer complies with the NFPA (National Fire Protection Association) 1901 Recommended Standards. The current engine has two seats that cannot be occupied since NFPA Standards do not allow firefighters to ride in an open-cab configuration. The current fire engine is past its life cycle for operating effectively and efficiently, and the manufacturer went out of business several years ago significantly increasing the cost of repairs. The new apparatus will allow for the transport of an engineer and up to five firefighters, and will comply with all of the latest DOT and NFPA mandated/recommended safety features. The purchase of a new tanker/water tender will help to maintain the current Insurance Services Office's (ISO) rating of the Wasilla-Lakes Fire Service Area. Lower ISO ratings can equate into lower insurance premiums.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$700,000	\$600,000	\$100,000		

11. Replacement Tanker/Water Tender (Station 6-4)

This project will provide for the purchase of a new Tanker/Water Tender fire truck to replace the existing Tanker 641, which is housed at the Point MacKenzie Public Safety Building located at MP 3.4 Point MacKenzie Road. The current truck is 34 years old and only allows for the engineer and one firefighter to ride in the cab. The new apparatus will allow for an engineer and up to five firefighters, and will comply with the latest DOT and NFPA (National Fire Protection Association) mandated/recommended safety features. The current fire engine is past its life cycle for operating effectively and efficiently. The purchase of a new tanker/water tender will help to maintain the current Insurance Services Office's (ISO) rating of the Wasilla-Lakes Fire Service Area. Lower ISO ratings can equate into lower insurance premiums.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$750,000	\$650,000	\$100,000		

12. Replacement Tanker/Water Tender (Station 6-6)

This project will provide for the purchase of a new Tanker/Water Tender fire truck to replace the existing Tanker 661, which is housed at the Fairview Loop Public Safety Building at 2330 W. Fairview Loop in Wasilla, Alaska (MP 8 Fairview Loop Road). The current truck is 26 years old and only allows for the engineer and one firefighter to ride in the cab. The new apparatus will allow for an engineer and up to five firefighters, and will comply with the latest DOT and NFPA (National Fire Protection Association) mandated/recommended safety features. The current fire engine is past its life cycle for operating effectively and efficiently. The purchase of a new tanker/water tender will help to maintain the current Insurance Services Office's (ISO) rating of the Wasilla-Lakes Fire Service Area. Lower ISO ratings can equate into lower insurance premiums.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$725,000	\$600,000	\$125,000		

13. Airport Rescue Services Project

The MSB Rescue Services respond to several air craft crashes each year. These events are spread geographically throughout the Borough with crash site often being inaccessible by rescue apparatus. This project will allow for the purchase of two next generation rescue tools, Hurst eDrualic "Jaws of Life", that will be strategically located at West lakes Fire Department (serving Big Lake Airport) and Talkeetna Fire Department (serving Talkeetna Airport). The tools will be used in remote hard to reach areas and are battery powered, using 25.2 volt interchangeable batteries. They are portable and effective, usually having up to 67 percent more cutting force than previous tools.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$90,000	\$90,000			

14. Butte Ambulance Off-Road Patient Transport Vehicle (Station 2-1)

This project will provide for the purchase of 4-wheel drive pickup truck with patient-compartment shell. This vehicle will provide access to off-road areas that an ambulance cannot reach.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$65,000	\$65,000			

15. Public Access Automatic External Defibrillator (AED) Purchase, Replacement, and Upgrade

This project will provide for the purchase and deployment of 100 AED's for areas without AED's, replacing approximately 40 AED's that are out of date, and updating approximately 40 AED's.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$200,000	\$200,000			

16. Public CPR Training Kits

This project will provide for the purchase and deployment of CPR Training Kits. The project will initially focus on training all students from 8th to 12th grade. The kits will provide all of the materials needed for students to train family and friends once they have been initially trained.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$150,000	\$150,000			

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Matanuska-Susitna Borough



MSB Recommended Facilities [m11]

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MSB Recommended Facilities FY 2013 – FY 2018

Buildings/Structures (Top 7 Priorities)

1. Agricultural Processing & Product Development Center – Phase I

The proposed processing center will freeze-process locally grown vegetables, such as, broccoli, cauliflower, carrots, zucchini and potatoes in to high quality, fresh frozen, low pesticide residue, consumer friendly products.

FY 2012 Request	State	MSB	Federal	Other Unspecified
\$8,000,000	\$239,550	\$50,000	\$447,075	

2. Mat-Su Convention and Visitor’s Center Relocation & Funding – South Gateway

This project will relocate the Mat-Su Convention and Visitor Center near the Glenn Highway Knik River Bridge.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$6.3 million				

3. Remodel Dorothy Swanda Jones Building with Additional Office Space Project

This project will renovate the Dorothy Swanda Jones Building.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$1.8 million		\$500,000		\$1.3 million

4. Joint Fleet Maintenance Facility

FY2012 request for \$8 million to purchase building and immediate upgrade for functionality for a joint Borough, Emergency Services and School District fleet maintenance facility. Total funding needed for project \$18 million.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$18 million				

5. Port MacKenzie Communications Tower

FY 2013 Request	State	MSB	Federal	Other Unspecified

6. Communication Tower for Willow Area

This project will provide broadband equality in the Willow area. The tower will provide services for emergency communications, ham radios, cell phones, Internet, and television.

FY 2013 Request	State	MSB	Federal	Other Unspecified
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7. Talkeetna Library/Community Center

FY 2013 Request	State	MSB	Federal	Other Unspecified
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Building/Structures Needs List (Un-Prioritized - Alphabetized)

- Alpine Heritage Park O'Neil House
- Big Lake Library Expansion
- Big Lake Community/Recreation Center
- Chickaloon Community Center Improvements
- City of Wasilla - New Wasilla Library
- City of Wasilla - Sewage Treatment Plant Expansion
- Community Library/ Mat-Su College Distribution Facility and Auditorium
- Fishhook Community Center Building
- Herning Warehouse – Foundation
- Knik Historical Site
- Maintenance Building and Light Plant, Big Lake Transfer Station Roof
- Meadow Lakes Boundary Signs
- Meadow Lakes Community Center and/or gym
- Meadow Lakes Elementary School
- Meadow Lakes High School
- Meadow Lakes Ice Rink (at Elementary School)
- Meadow Lakes Middle School
- Meadow Lakes Public Library and Digital Multimedia Learning Center
- Meadow Lakes Public Swimming Pool adjacent to the High School
- MSB Building Renovations and Repairs, all buildings
- Museum of Transportation and Industry Restoration Facility, Phase I
- Ole Dahl Cabin Repairs
- O'Neill House Foundation
- Palmer Hay Flats Natural Science Center
- Palmer Public Library
- Parks & Recreation Shop (Core Area)
- School District Administration Building - Remodel
- Sunshine Park Community Center
- South Big Lake Park Facility Adjacent to Sailing Club
- Susitna Valley High School: Northern Region Pool
- Sutton Recreation Center Historic Preservation Rehabilitation and Refurbish
- Talkeetna Tool Library
- Three (3) German Bachelor's Cabin - Foundation
- Trapper Creek Expansion
- Wasilla Area Senior Center
- Willow Health Clinic
- Willow Library

Solid Waste

1. Solid Waste Management Improvement Program

Construction of Cell 3
Status: 60% complete.

FY 2011 Request	State	MSB	Federal	Other Unspecified
\$3.5 million	\$1.6 million	\$300,000	\$1.6 million	

Closure of Cell 2A
Status: Unfunded

FY 2012 Request	State	MSB	Federal	Other Unspecified
\$1 million	\$500,000			

2. Port MacKenzie Transfer Station

Construction of a transfer station.

FY 2012 Request	State	MSB	Federal	Other Unspecified
\$65,000		\$65,000		

Marine/Water Related

1. Upper Cook Inlet Ferry System^[m12]

a. Construct Port MacKenzie Ferry Landing

\$6 million funded, \$7.5 million still needed.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$7.5 million			\$7.5 million	

b. Construct Anchorage Ferry Landing

\$19.2 million still needed.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$19.2 million			\$19.2 million	

- c. **Construct Kenai [MBB13] Ferry Landing**
\$19 million still needed.

FY 2013 Request \$19 million	State	MSB	Federal \$19 million	Other Unspecified
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- d. **Construct Tyonek Ferry Landing**
\$13.5 million still needed.

FY 2013 Request \$13.5 million	State	MSB	Federal \$13.5 million	Other Unspecified
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Recreational and Tourist Facilities and Enhancements

1. Hatcher Pass (Government Peak) Ski Recreation Area

a. **Water Infiltration Gallery**

Water infiltration gallery design is 80% complete.

FY 2013 Request \$300,000	State	MSB	Federal	Other Unspecified
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b. **Hatcher Pass Day Lodge/Maintenance and Transit Facility – Southern Side/Nordic**

Includes electrical power, telephone, base power and transformer, potable pump system, potable water storage, potable water distribution lines and sewer.

FY 2013 Request \$3.5 million	State	MSB	Federal	Other Unspecified
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c. **Roads and Parking – Southern Side/Nordic**

Project consists of developing an Olympic Nordic Ski facility. Project also includes access road and public infrastructure improvements such as roads, trails, and parking lots.

Status: \$1,000 earmark.

FY 2013 Request \$3 million	State	MSB	Federal \$5 million	Other Unspecified
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d. **Hatcher Pass (Government Peak) Nordic Ski Area Access Road Extension and Parking Area**

Extend the access road from the interim parking area to the area adjacent to the proposed Nordic Ski Stadium area.

FY 2013 Request	State	MSB	Federal	Other Unspecified
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e. Community Center/Warm-up Building

FY 2013 Request	State	MSB	Federal	Other Unspecified
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f. Trails, Stadium and Sledding Hill – Southern Side/Nordic

Design, engineering and construction.

FY 2013 Request \$900,000	State	MSB	Federal	Other Unspecified
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g. Vehicles and Equipment – Southern Side/Nordic

Road Grader, grooming machine, 4X4 pickup with plow and sanding box and snow machines.

FY 2013 Request \$600,000	State	MSB	Federal	Other Unspecified
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h. Roads, Maintenance and Parking – Northern Side

Improvements to existing parking lot and trailhead.

FY 2013 Request \$1.2 million	State	MSB	Federal	Other Unspecified
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i. Biathlon Range

FY 2013 Request	State	MSB	Federal	Other Unspecified
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2. South Denali Visitor Center, Phase II

Build a visitor/nature center. Project will complete design, engineering and construction and is partially funded.

FY 2013 Request \$18 million	State	MSB	Federal \$18 million	Other Unspecified
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3. **Alcantra Recreational Complex Phase II (Ron Larson Elementary)**
 - a. Restrooms, concession, maintenance and storage building
 - b. Picnic sites/shelters
 - c. **Parking lot expansion** (construction scheduled for summer 2011 and 2012)

Status: Partially funded for vault toilets.

FY 2013 Request	State	MSB	Federal	Other Unspecified
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4. **Bogard-Tait Softball Complex**
(Land use has changed and will be modified)
 - a. Complete 5 ball fields
 - b. Restroom complex
 - c. Day use/picnic areas
 - d. Paved parking

FY 2013 Request	State	MSB	Federal	Other Unspecified
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5. **Borough-wide ADA Playground Equipment and Restrooms**
 - a. Alcantra
 - b. Big Lake
 - c. Talkeetna
 - d. Trapper Creek

FY 2013 Request	State	MSB	Federal	Other Unspecified
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6. **Talkeetna Riverfront Park and Town Center Park**

FY 2013 Request \$250,000	State	MSB	Federal	Other Unspecified
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7. **Talkeetna Softball Fields**
 - a. Picnic sites

FY 2013 Request	State	MSB	Federal	Other Unspecified
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8. **Matanuska River Campground**
 - a. Restroom facilities to lower campground
 - b. ADA accessible trails and viewing areas

FY 2013 Request	State	MSB	Federal	Other Unspecified
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9. **City of Houston - Little Susitna River Campground and Day Use Area**
 a. **Boat Launch with elevated walkways**
 b. **Campground improvements**

FY 2013 Request	State	MSB	Federal	Other Unspecified
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10. **Talkeetna Lakes Park**
 a. **Camping area**
 b. **Small boat launch – docks put in**
 c. **Summer and winter trails**

Status: Under construction and partially completed. Partially funded.

FY 2013 Request	State	MSB	Federal	Other Unspecified
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11. **Big Lake Elementary/Jordan Lake Community Park Enhancements and Boardwalk**

Status: Partially funded.

FY 2013 Request	State	MSB	Federal	Other Unspecified
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12. **Point MacKenzie Multi-Use Recreation Area (Compatible Use Design & Construct)**

FY 2013 Request	State	MSB	Federal	Other Unspecified
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13. **Smith Ball Fields**

FY 2013 Request	State	MSB	Federal	Other Unspecified
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14. **Whopper Road Trailhead**

This project will construct a trailhead at Bend-a-Pole and Whopper to the state land east - project started, needs completion.

FY 2013 Request	State	MSB	Federal	Other Unspecified
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15. **Indoor Pool Susitna Valley School**

FY 2013 Request	State	MSB	Federal	Other Unspecified
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16. Sledding Hills - Hatcher Pass and Crevasse Moraine

Design and construct sledding hills each location to include solar powered lights for night use.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$100,000				

17. Playground Equipment for Community Park - Station 7-1

Located near Meadow Lakes Elementary off of Pittman Road

FY 2013 Request	State	MSB	Federal	Other Unspecified

18. Trail Improvements

The Borough contains more than 2,000 miles of trails and is in the process of dedicating, surveying, marking, and mapping them so that they are available to the public for recreational and transportation purposes. This project will assist towards completing the effort.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$250,000				

19. Emergency Telephones - Chickaloon Community

This project will install emergency telephones near three recreation sites in the Chickaloon community. The sites include King River Trailhead, King Mountain State Recreation Site, and Long Lake State Recreation Site.

FY 2013 Request	State	MSB	Federal	Other Unspecified

20. Meadow Lakes Little Susitna Park at Olson Bridge (Near Schrock)

A recreational park located at the trailhead of the Little Susitna River west of the Schrock Road Bridge. This will allow for public access as well as provide a place for search and rescue personnel to park, stage, and place rescue craft in the river.

FY 2013 Request	State	MSB	Federal	Other Unspecified

Recreational and Tourist Facilities and Enhancements Needs List (Un-Prioritized - Alphabetical)

Numerous other Recreational and Tourist Facilities and Enhancements have been nominated for inclusion in the six year CIP. Unfortunately, since there is only a limited amount of funding available these enhancements were not included in the above priority list. They have been included in alphabetical order in the Needs List for future reference.

- Alaska Wild Bird Rehabilitation and Education Center
- Bald Mountain Ridge Snowmachine Parking Area (end of Schrock Road)
- Benka Lake Public Access
- Big Lake State Park Rehabilitation
- Borough-wide Historic Signing
- Borough-wide Neighborhood Parks and/or Gardens
- Borough-wide Park Access Program
- Bumpus Ball Park Fencing
- City of Palmer Neighborhood Parks and/or Gardens
- City of Wasilla Neighborhood Parks and/or Gardens
- Eastern Gateway on Glenn Highway
- Fish Creek Wayside (Big Lake) STIP 6216
- Goose Creek Regional Park (Sunrise Creek)
 - Develop Camping Area
 - Water Supply
 - Day Use Areas
 - Trails and Fishing Areas
- Hawk Lane Trailhead, City of Houston
- King Mountain Viewpoint Wayside
- Knik-Museum and Knik Lakeside Park Improvements
- Lake Lucille Camper Park Expansion
- Little Susitna Park – Riverside near Olson Bridge
- Lynne Lake/Honeybee Lake Recreational Access
- Mat Valley Sportsman's Range Improvements
- Meadow Lakes Community Park and Garden – This project will include a park setting, a community garden, playground equipment, picnic armadas, skate park and sports field
- Meadow Lakes Equestrian Park
- Meadow Lakes Non-leash Dog Park
- Meadow Lakes Recreation Complex: Soccer fields and Tennis Courts
- Meadow Lakes Baseball/Softball fields
- Moose Creek Wayside and Campground
- Nancy Lake State Recreation Area Trailhead and Trails
- Neighborhood/Community Parks: Big Lake; Chickaloon; Sutton; Talkeetna; Trapper Creek; Willow
- North Lakes Community Park
- Northern Gateway of Parks Highway
- Southern Gateway on Glenn Highway
- Talkeetna Main Street/Historic District Enhancement
- Trapper Creek Landing Park
 - Boat Launch and Parking
 - Road Access
 - Day use Facilities

Utilities

1. Port MacKenzie Utility Improvement

a. Construction of natural gas line (\$10,000 every 1,000 feet)

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$14 million	\$14 million			

b. Electrical substation development

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$1 million	\$1 million			

c. Cathodic Electrical Impress System for Docks and Ferry Landing

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$2 million	\$2 million			

2. City of Wasilla - Palmer-Wasilla Highway Water Improvements, Phase IV

Project Status: Waiting on construction funds to complete booster pumps and new pressure zone.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$925,000				

3. Lake Louise Electrical Service

Design and extension of electrical service to the Lake Louise area.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$500,000			\$250,000	

Utility Needs List (Un-Prioritized - Alphabetized)

- City of Palmer Septage Facility Supplemental Project
- City of Palmer Water Supply Improvements (Well and Circulation)
- City of Wasilla Emergency Water Source
- City of Wasilla Septage Facility Supplemental Project
- City of Wasilla Sewer Lagoon Upgrade Project
- City of Wasilla Wastewater Outfall Preliminary Permitting Project
- City of Wasilla West Parks Highway Water Main Extension
- Lake Louise Electrical Power
- Regional Waste Water Treatment Plant
- Talkeetna Water and Sewer Upgrade and Repairs

Matanuska-Susitna Borough



MSB Recommended Watershed Management

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MSB Recommended Watershed Management (Prioritized)

1. Matanuska River Erosion Control - Property Acquisition

This project will buy out at risk properties.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$2.5 million			\$2.5 million	

2. Matanuska River Erosion Control – Structural Protection

This project will provide for the repair and extension of Maud Road levy and maintenance of Circle View dikes.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$2.5 million			\$2.5 million	

3. Stream Bank Restoration

Funds will provide for ongoing restoration at Willow Creek and the Deshka River; and provided matching funds for ADF&G projects within the Matanuska-Susitna Borough.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$500,000			\$500,000	

4. Culvert Replacement

Many of the Borough road culverts are in a state of disrepair and must be replaced. This project will match Borough funds to replace culverts.

FY 2013 Request	State	MSB	Federal	Other Unspecified
\$75,000				

5. Artesian Sheep Creek Spring – Water Collection Structure

This project will construct a water collection structure.

FY 2013 Request	State	MSB	Federal	Other Unspecified

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Matanuska-Susitna Borough



MSB Recommended Road Maintenance & Repair Capital Projects By Road Service Area Summer 2011 Program

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Road Maintenance & Repair Capital Projects By Road Service Area

Summer 2011 Projects by RSA

ROAD SERVICE AREA # 9 - MIDWAY Assembly District 3: Ronald Arvin Assembly District 5: Darcie Salmon Road Superintendent: Doug Lange RSA Primary – Carol Selkirk; RSA Alt – N. Roy Goodman; RSA Alt - Vacant	
PROJECT LOCATION	DESCRIPTION OF WORK
Merrill Circle	This project may include, but is not limited to, provide funding to upgrade this road within RSA 9, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 14 -FAIRVIEW Assembly District 3: Ronald Arvin Assembly District 5: Darcy Salmon Road Superintendent: Will Barickman RSA Primary - Daniel Elliott; RSA Alt – David Hopper; RSA Alt - Vacant	
PROJECT LOCATION	DESCRIPTION OF WORK
Canter Place, Surrey Road, and Grand Bay Drive	This project may include, but is not limited to, provide funding to upgrade these roads within RSA 14, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 15 - CASWELL Assembly District 7: Vern Halter Road Superintendent: Mike Lachelt RSA Primary – Henry Olson; RSA Alt – Larry Cline; RSA Alt – Clinton Buck	
PROJECT LOCATION	DESCRIPTION OF WORK
Susitna Landing Road	This project may include, but is not limited to, provide funding to upgrade this road within RSA 15, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 16 - SOUTH COLONY Assembly District 2 – Noel Woods Assembly District 6 – Jim Colver Road Superintendent: Doug Lange RSA Primary – Andrew Weiland; RSA Alt - Ed Strabel; RSA Alt – Marvin Yoder	
PROJECT LOCATION	DESCRIPTION OF WORK
Cottrell-Campus Drive	This project may include, but is not limited to, provide funding to upgrade this road within RSA 16, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 17 - KNIK Assembly Member Dist 5 – Darcie Salmon Road Superintendent: Will Barickman RSA Primary – Tod Becker; RSA Alt - Vacant RSA Alt – Vacant	
PROJECT LOCATION	DESCRIPTION OF WORK
Ayrshire Avenue	This project may include, but is not limited to, provide funding to upgrade this road within RSA 17, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 19 - LAZY MOUNTAIN Assembly District 1 – Warren Keogh Road Superintendent: Doug Lange RSA Primary - Patrick Larrabee; RSA Alt - Vacant; RSA Alt - Vacant	
PROJECT LOCATION	DESCRIPTION OF WORK
Lazy Lady Lane	This project may include, but is not limited to, provide funding to upgrade this road within RSA 19, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 20 - WILLOW Assembly District 7 – Vern Halter Road Superintendent: Mike Lachelt RSA Primary - Jim Norcross; RSA Alt - Ralph Oakley; RSA Alt - John Grohol	
PROJECT LOCATION	DESCRIPTION OF WORK
Crystal Lake Road	This project may include, but is not limited to, provide funding for the application of a flood coat to the chip seal on this road within RSA 20, from the RSA Board approved capital list.

ROAD SERVICE AREA # 21 - BIG LAKE Assembly District 5 - Cindy Bettine Road Superintendent: Mike Lachelt RSA Primary - Jim Clemensen; RSA Alt – Gerald Billinger; RSA Alt - William Snyder	
PROJECT LOCATION	DESCRIPTION OF WORK
Horseshoe Lake Road	This project may include, but is not limited to, provide funding to upgrade this road within RSA 21, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 23 - NORTH COLONY

Assembly District 1 – Warren Keogh

Road Superintendent: Doug Lange

RSA Primary - Barbara Gerard; RSA Alt - Vacant; RSA Alt - Vacant

PROJECT LOCATION	DESCRIPTION OF WORK
Koenen Road	This project may include, but is not limited to, providing funding to construct a connector to Jensen Avenue and upgrade the existing road within RSA 23, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 25 - BOGARD

Assembly District 3 – Ronald Arvin

Assembly District 4 – Stephen Colligan

Assembly District 6 – Jim Colver

Road Superintendent: Doug Lange

RSA Primary - Gary Hessmer; RSA Alt - Carol Christiansen; RSA Alt - Vacant

PROJECT LOCATION	DESCRIPTION OF WORK
Williwaw Way	This project may include, but is not limited to, provide funding to upgrade this road within RSA 25, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 26 - BUTTE

Assembly District 1 – Warren Keogh

Road Superintendent: Doug Lange

RSA Primary - Arthur Quaas; RSA Alt - Mike Shields; RSA Alt - Lucy Klebesadel

PROJECT LOCATION	DESCRIPTION OF WORK
Birch Hill Drive	This project may include, but is not limited to, provide funding to upgrade this road within RSA 26, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 27 - MEADOW LAKES

Assembly District 7 – Vern Halter

Road Superintendent: Will Barickman

RSA Primary – Stephen Edwards; RSA Alt - Vacant; RSA Alt - Vacant

PROJECT LOCATION	DESCRIPTION OF WORK
Windy Bottom Road, Little Rain Road, and Windbreak Circle	This project may include, but is not limited to, provide funding to upgrade these roads within RSA 27, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 28 - GOLD TRAILS

Assembly District 4 - Stephen Colligan

Assembly District 6 – Jim Colver

Road Superintendent: Will Barickman

RSA Primary - Kenny Moss; RSA Alt - Vacant; RSA Alt - Vacant

PROJECT LOCATION	DESCRIPTION OF WORK
Jasper Drive	This project may include, but is not limited to, provide funding to upgrade this road within RSA 28, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 29 - TALKEETNA

Assembly District 7 - Vern Halter

Road Superintendent: Mike Lachelt

RSA Primary–John Strassenburgh; RSA Alt-David Johnston; RSA Alt-George Wagner

PROJECT LOCATION	DESCRIPTION OF WORK
Woodpecker Avenue	This project may include, but is not limited to, provide funding to upgrade this road within RSA 29, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 30 - TRAPPER CREEK

Assembly District 7 - Vern Halter

Road Superintendent: Mike Lachelt

RSA Primary – Joan Medbery; RSA Alt – Sylvan Morgan; RSA Alt - Darlene Rich

PROJECT LOCATION	DESCRIPTION OF WORK
Oilwell Road	This project may include, but is not limited to, provide funding to upgrade this road within RSA 30, from the RSA Board approved capital list to Borough construction standards.

ROAD SERVICE AREA # 31 - ALPINE

Assembly District 1 – Warren Keogh

Road Superintendent: Doug Lange

RSA Primary - Merle Johnson; RSA Alt - Steve Hudson; RSA Alt – Jed Workman

PROJECT LOCATION	DESCRIPTION OF WORK
58 Mile Road, Stayton Avenue, Granit View Drive, Twin Hills Drive, 17 Mile Blvd., and Wishbone Place	This project may include, but is not limited to, provide funding to upgrade these roads within RSA 31, from the RSA Board approved capital list to Borough construction standards.

Each project is either in a multi-phase situation or is on the unfunded portion of the approved CIP List, summer 2011. MSB Operations and Maintenance will be asking for \$250,000 for each of the 16 projects for a total of \$4 million.

Matanuska-Susitna Borough



MSB Recommended School Related Capital Projects (In Priority Order) FY 2012 - FY 2017

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FY2012 Capital [MBB14] Budget
Six-Year Capital Improvement Plan

District Priority	Project Location and Description	Year for Which Funding is Requested						Estimated Cost
		FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	
1	New Middle/High School Knik Area	\$65,455,000	X	X	X	X		\$65,455,000
2	Mat-Su Day School	\$13,426,000	X	X	X	X		\$13,426,000
3	Valley Pathways New School	\$22,515,000	X	X	X	X		\$22,515,000
4	Knik Goose Bay Elementary School	\$26,529,000	X	X	X	X		\$26,529,000
5	Career & Tech High School Phase III	\$16,150,000	X	X	X	X		\$16,150,000
6	Big Lake Renovation	\$3,000,000	X	X	X	X		\$3,000,000
7	District Wide ADA	\$1,500,000	X	X	X	X		\$1,500,000
8	Iditarod Elementary New School	\$26,529,003	X	X	X	X		\$26,529,003
9	Athletic Field Improvements	\$18,461,000	X	X	X	X		\$18,461,000
10	Charter School Projects	\$450,000	X	X	X	X		\$450,000
11	Emergency Generator and Switch Gear	\$2,600,000	X	X	X	X		\$2,600,000
12	DW School Improvements including Instructional Space and bathrooms and Wash Basins for 11 schools	\$938,000	X	X	X	X		\$938,000
13	Energy Upgrades for 18 Schools	\$3,162,000	X	X	X	X		\$3,162,000
14	Fire System replacement for 13 schools	\$600,000	X	X	X	X		\$600,000
15	Flooring Replacement for 6 schools	\$610,000	X	X	X	X		\$610,000
16	Heating Ventilation and Building Environmental Improvements for 13 schools	\$12,600,000	X	X	X	X		\$12,600,000
17	Houston and Palmer Middle Schools Locker Replacement	\$335,000						\$335,000
18	Multi-sport indoor/outdoor Physical Education improvements	\$1,200,000	X	X	X	X		\$1,200,000

District Priority	Project Location and Description	Year for Which Funding is Requested						Estimated Cost
		FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	
19	Outdoor Safety, Signage, Paving and Building Renovation for 3 schools	\$750,000	X	X	X	X		\$750,000
20	Indoor/Outdoor Bleacher Replacement						\$6,356,000	\$6,356,000
21	New Palmer Area Elementary School						\$27,862,000	\$27,862,000
22	Palmer Junior High School Renovation						\$19,866,000	\$19,866,000

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Matanuska-Susitna Borough



Appendix: Public Comment Period

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Capital Improvement Program, FY 2013 - FY 2018 Public Comment Period

During a review period extending from April 15 – June 30, 2011, the Capital Improvement Program (CIP) for FY 2013 - FY 2018 that was adopted last year was sent to borough departments, advisory boards, commissions, service areas, community councils, and interested individuals for review and comment. The organizations were asked for project nominations for the FY 2013 - FY 2018 CIP. After nominations were received, a revised draft of the FY 2013 - FY 2018 CIP (containing project nominations) was prepared for the Transportation Advisory Board, the Aviation Advisory Board, the Parks, Recreation and Trails Advisory Board, the Planning Commission and Assembly for their review and approval. Listed below are the projects requested by organizations that responded.

Big Lake Community Council

- North Shore Loop Road
- Big Lake Trail/Railroad Crossings
- South Big Lake Road Realignment
- Streetlights in Big Lake Core Area
- Big Lake Pathway Fish Creek Crossing

Chickaloon Native Village

- Callison Street

Meadow Lakes Community Council

- Meadow Lakes Community Center – via Vienna Woods
- Beverly Lake Road Connector – Church Road to Pittman Road
- Vine Road Upgrade from Parks Highway to Meadow Lakes Community Boundary
- Sylvan Road to Hollywood Road Connector
- Full Curl Road to Sylvan Road Connector5
- Increased MASCOT Stops in Meadow Lakes Community
- Birch Creek Senior Housing Bus Stops
- Meadow Lakes Community Intermodal Parking Facility
- Right Turn Lane at Pittman onto Parks Highway
- Turn Lanes at Midnight Sun Charter School10
- Traffic Signal at Intersection of Johnson Road and Parks Highway for Station 7-3
- Lighting at the Entrance of Meadow Lakes Senior Center at the end of Kim Drive in the Birch Creek Subdivision
- Continued Lighting of Meadow Lakes Community Bus Stops
- Survey of Donated Michelle Trail
- Bench Lake Trail Bridge across Little Susitna River
- Pittman Multi-Use Trail
- Church Road Multi-Use Trail
- Meadow Lakes Loop Multi-Use Trail
- Lucille Creek Multi-Use Trail
- Lucille Creek Trail Connector10
- Schrock Road Multi-Use Trail
- Trail Head Study for Bald Mountain
- Beverly Lake Road Multi-Use Trail from Church to Pittman
- Shared Cross Country Running, Skiing, & Equestrian Park Trails
- Sports Field Baseball/Softball Fields
- Horse Park
- Non-leash Dog Park
- Little Susitna Park
- Public Swimming Pool adjacent to Meadow Lakes High School
- Meadow Lakes Boundary Signs
- Meadow Lakes Hydrology Study
- Meadow Lakes Community Center and/or Gym
- Fire Station 7-3

- Meadow Lakes Library and Digital Multimedia Learning Center
- Meadow Lakes Middle School
- Meadow Lakes High School
- Second Meadow Lakes Elementary School

North Lakes Community Council

- North Lakes Community Park

Sutton Community Council

- Eska Creek Bridge Bike Path
- Complete Bike Path from Kings River to Palmer
- Pedestrian/Bike Path from Glenn Highway to Elementary School
- Designated 4 x 4 Trail from the Coal Hills to the Glenn Highway

Willow Area Community Organization

- Replace the Main Willow Fire Department Building
- Willow Summer Trails Project

Butte Fire Service Area

- Butte Fire Station 21 Office Upgrade
- Off-Road Patient Transport Vehicle

Wasilla Fire Service Area

- Replace Engine 641 (Fire Truck-Pumper)
- New Knik Public Safety Building – Station 62
- Replace Engine 671 (Fire Truck-Pumper)
- Replace Tanker 641 (Tanker/Water Tender)
- Replace Tanker 661 (Tanker/Water Tender)
- South Central Regional Emergency Services Training Center
- Central Mat-Su Fire Department Warehouse

West Lakes Fire Service Area

- West Lakes Fire Department, Parks Highway Fire Station
- West Lakes Fire Department, Water Supply Tanks

Willow Fire Service Area

- Willow Fire Station 12-1
- Willow Fire Dry Hydrant Repair
- Willow Fire Upgrades at Station 12-1
- Willow Fire Tanker 12-2 Replacement

Willow Road Service Area

- Resurface Crystal Lake Road

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- Planning Commission Resolution 11-31
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- Transportation Advisory Board (TAB) Resolution 11-13
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Matanuska-Susitna Borough



Capital Improvement Program Index

2013 DRAFT

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