

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Saint Mary's****Federal Tax ID: 92-0031426****Project Title:****Project Type: Remodel, Reconstruction and Upgrades**

Saint Mary's - Water Line Replacement and Improvements

State Funding Requested: \$140,400**House District: 39 / T**

One-Time Need

Brief Project Description:

Phase III of a multiple-phased project addressing fire suppression needs for St. Mary's downtown commercial area.

Funding Plan:

Total Project Cost:	\$234,000
Funding Already Secured:	(\$93,600)
FY2012 State Funding Request:	<u>(\$140,400)</u>
Project Deficit:	\$0

Funding Details:

City of St. Mary's in-kind in form of equipment rental/use up to \$93,600.

Detailed Project Description and Justification:

Phase III of Water Line Replacement – Andreafski (Downtown) Fire Hydrant Installation

Project Abstract

The Andreafski (Downtown) site currently has no fire hydrants because the waterlines were installed back in the early 1970's. The Downtown area is St. Mary's commercial hub; it houses the Post Office, a tribal office, Crawley Corporation petroleum distribution/storage site and two grocery stores that account for nearly 90% of city's sales tax receipts. With such a concentration of commerce in a small footprint with no fire protection, it is most urgent to have this project designated as our most critical utility improvement project. The project can be a stand-alone project; however, the most economical approach is to fund the fire hydrant installation portion simultaneously with Phase IV Waterline Replacement Project because it eliminates having to expose water lines twice.

The project scope calls for installation of thirteen (13) fire hydrants at an estimated cost of \$234,000. Our request is for 60% of project funding or \$140,400 and the city will fund the rest with an in-kind contribution. A 35% engineering drawing is already in place; therefore, this will be a shovel ready project starting in May, 2012.

Project Timeline:

Project could start as early as May 2012 with completion estimated approximately September 2012.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of St. Mary's

Grant Recipient Contact Information:

Name: Harry A. Staven
Title: City Manager
Address: P.O. Box 209
St. Mary's, Alaska 99658
Phone Number: (907)438-2515
Email: harry.staven@gmail.com

Has this project been through a public review process at the local level and is it a community priority? Yes No

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Phase IV of Water Line Replacement – Andrafski (Downtown) Site

Project Abstract

The City of Saint Mary's water lines are in need of upgrading/replacement. Most of these PVC water lines were installed in the early 1970's with, now obsolete, bell and spigot connections. The "Phases" referred to in this request are based on the **Saint Mary's Utility Master Plan** dated September, 2007 and adopted by the City of Saint Mary's in February 2008. **Phase I** replaced waste water lift station and the project was completed in 1997. **Phase II** is a \$2 million project funded by a combination of \$1.5 million USDA and State of Alaska Safe Drinking Water funding in the amount of \$500,000. The project scope replaces about 7,400 linear feet of water line, it adds eight (8) new fire hydrants, and upgrades a water valve vault that has been subject to multiple operational failures in the recent past. **Phase III** scope calls for installation of thirteen (13) fire hydrants at an estimated cost of \$234,000.

Phase IV focuses on the Andrafski (Downtown) Town Site waterline system that is the oldest segment of the entire water distribution system. A total of 5,229 linear feet of new waterline will be installed. The estimated Phase IV cost is \$1,490,265 and the City seeks up to 20% commitment, or \$298,053 state funding. **The City is committed to match state funding dollar for dollar and we will also approach USDA-Rural Development to fund the balance of the project.**

While maintaining and repairing the lines, it has become clear that none of the lines were seated in clean, well drained bedding material. The placement of the pipe in clay and other unstable soils subjects the pipe to stress, movement and frost heaves. Our most recent series of line breaks occurred in January, 2010. The task of finding a line break and repairing the line in winter time temperatures of -13 F with wind chills of -35 F proved very challenging. The city spent over \$85,000 of its own funds to perform emergency repairs to residences and commercial structures. During the repair period more than 18% of city's utility customers had no running water due to frozen pipes; 80% of the customers experienced periodic service interruptions that lasted for more than a 24-hour period and at times the entire community did not have any fire protection. The service interruption reached many key commercial structures including the Catholic Church building, St. Mary's School District campus, Community Hall and Tribal Offices.

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From a pure service stand point, **it is imperative to have Phase IV funding in place by no later than September, 2011 when Phase II is scheduled to be completed. The continued funding of the Utility Master Plan components is also critical from an economic standpoint because all construction is performed using local labor and equipment. Therefore, having the ability to transition from Phase II to Phase III and IV in 2012 is the least cost alternative because there are no mobilization costs and the labor force is fully trained.**

A 35% engineering drawing is already in place and this will be a **shovel ready project by May, 2012 if funding is fully secured by no later than September, 2011.**

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Phase III of Water Line Replacement - Andrafski (Downtown) Fire Hydrant Installation

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**CITY OF ST. MARY'S, ALAKSA
RESOLUTION No: 2011-01**

**A RESOLUTION IN SUPPORT OF 2012 LEGISLATIVE FUNDING PRIORITY
CAPITAL ITEMS**

WHEREAS, the City of St. Mary's is a First Class city in the State of Alaska, and

WHEREAS, the City Council annually revises its Capital Project priorities, and

WHEREAS, The City Council met at a public meeting on January 4, 2011 to discuss the 2012 projects and to hear citizen comments for each project.

**NOW TREREFORE BE IT RESOLVED BY THE CITY OF ST. MARY'S
COUNCIL** to present the following seven (7) capital projects in an ranking order as the City's Legislative Funding priorities for FY 2012:

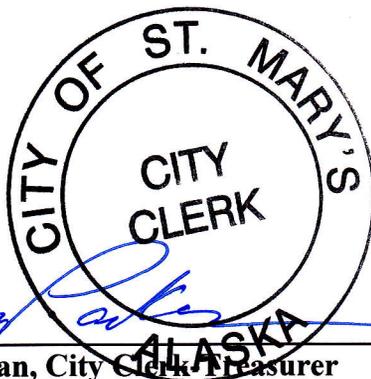
- 1) Andraefski Town Site Fire Hydrant Installation - \$140,400 state funding request;
- 2) City Office and Assembly Area Accessibility and Mechanical System Upgrades - \$160,000 state funding request;
- 3) St. Mary's Loop Fire Hydrant Installation - \$172,800 state funding request;
- 4) City Maintenance and Water/Sewer Utility Service Center Upgrades - \$241,000 state funding request;
- 5) City Public Services and Heat Utilization Building (HUB) Upgrades - \$360,688 state funding request.
- 6) Andraefski Town Site Water Line Replacement - \$298,053 state funding request;
- 7) St. Mary's Loop Water Line replacement - \$361,494 state funding request.

BE IT FURTHER RESOLVED that the City Manager shall budget in the FY 2011-12 Operating Budget the following local match funds to support the above Legislative Funding Priorities for FY 2012:

PRIORITY 1) \$93,600; PRIORITY 2) \$30,000; PRIORITY 3) \$115,200; PRIORITY 4) \$82,000; PRIORITY 5) \$15,000; PRIORITY 6) \$298.053 and PRIORITY 7) \$361,494.

DATED ON THIS 10th DAY OF FEBRUARY, 2011.

ATTEST:



Sven Paukan, City Clerk/Treasurer


William F. Alstrom, Mayor