

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Palmer****Federal Tax ID: 92-6000194****Project Title:****Project Type: Remodel, Reconstruction and Upgrades**

Palmer - Fire Training Center Station Floor

State Funding Requested: \$77,000**House District: 13 / G**

One-Time Need

Brief Project Description:

Finish construction of Fire Station 3-6 at the Palmer Fire Training Center with an in-floor heated concrete floor, and installation of steel siding.

Funding Plan:

Total Project Cost:	\$77,000
Funding Already Secured:	(\$0)
FY2012 State Funding Request:	<u>(\$77,000)</u>
Project Deficit:	\$0

Funding Details:

The State has not provided any funding for this facility. Volunteer labor, Job Corps students, and City materials have built the facility.

Detailed Project Description and Justification:

In 1993, the first two bays of the City's new fire maintenance facility were constructed. In 2006, a 1200 square foot addition - Fire Station 3-6 - was added through volunteer labor, Job Corps students, and City materials.

The addition, which has high ceilings to accommodate apparatus, has 4 large garage doors opening to the bays. This addition was intended to provide warm storage for fire apparatus (such as tankers) which must be maintained in a warm facility during winter months to prevent freezing of the valves. There was no money to complete the floor, so the facility is still in need of an 8-inch concrete floor capable of sustaining the weight of fire apparatus. We are requesting funding to finish the addition with the 40 foot by 60 foot concrete slab floor, heated by a boiler. All the preparation work has been completed; the floor drains are plumbed in place and a gravel base placed and compacted.

Concrete flooring: 8" slab with #5 rebar on 12 inch centers, with blueboard: \$20,000

In-floor heating, complete with a high efficiency boiler; tubing; two zones; and associated plumbing and installation. This also includes the purchase and installation of a hot water heater, to enable firefighters to wash their turnout gear in a washing machine to be installed in this facility: \$22,000.

The other component is the installation of steel siding to finish the plywood/sheathing covered structure. The building has plywood and oriented strandboard (OSB) sheathing. This has never been covered by siding or treated. Steel siding on the exterior of the building will prevent the sheathing from deteriorating.

Steel siding installed on entire building: \$35,000

All price estimates include prevailing wages for the contractor.

Maintenance cost will be reduced by housing the apparatus and equipment inside a warm and dry area and will extend the life of the apparatus and equipment. Parts on the apparatus will be able to stay warm and not freeze and other equipment will be stored in a environment that ensures it is ready for an emergency response.

Completing the building will provide a number of advantages to the Great Palmer Fire Service Area. Public safety will be enhanced by the ability of responders to utilize apparatus equipment from a heated structure instead of having to retrieve them from the elements. Employee safety will be enhanced through the use of the station for training classes on fire and rescue equipment in a well lit and warm environment during the winter season. This new environment will allow firefighters to remain proficient in the use of apparatus and equipment which in turn provides a higher degree of response success and firefighter safety to emergency situations.

This project will also reduce the energy used to heat the structure. Currently there are large open areas which leak heated air causing the heaters to work continuously in the unfinished section of the building. Having an exposed dirt floor in the building allows moisture to penetrate and accumulate during cold weather months. This moisture accelerates the deterioration of the structure, which further shortens the life of the building.

If the City is able to complete this project as requested, the facility designated as Palmer Fire Station 3-6 will bolster the City's ISO rating, which is slated for review in the next year.

Project Timeline:

The project can be completed in FY 2011.

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

City of Palmer

Grant Recipient Contact Information:

Name: Douglas B. Griffin
 Title: City Manager
 Address: 231 W. Evergreen Avenue
 Palmer, Alaska 99645
 Phone Number: (907)761-1317
 Email: dgriffin@palmerak.org

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



Fire Training Center Floor

Impact: Life, Health and Safety, Energy Efficiency

Construction of Fire Station 3-6 at the Fire Training Center began in 2006. The remaining component is the installation of a 40' by 60' concrete floor to finish the structure. All preparation work has been completed; the floor drains are plumbed in place and a gravel base placed and compacted.



Housing the apparatus and equipment inside a warm and dry area and will extend the life of the apparatus and equipment, and significantly reduce maintenance costs.

Parts on the apparatus will not be subject to freezing temperatures and other equipment will be stored in an environment that ensures readiness for emergency responses.

Completing the building provides many advantages to

the Great Palmer Fire Service Area. Public safety is enhanced through the ability of responders to utilize apparatus equipment from a heated structure instead of having to retrieve them from the elements. Employee safety is enhanced through the use of the station for training classes on fire and rescue equipment in a well lit and warm environment during the winter season. This environment allows firefighters to remain proficient in the use of apparatus and equipment, in turn providing a higher degree of response success and firefighter safety in emergency situations.

This project will also reduce the energy used to heat the structure. Currently there are large open areas which leak heated air causing the heaters to work continuously in the unfinished section of the building. Having an exposed dirt floor in the building has allowed moisture to penetrate and accumulate during cold weather months. This moisture accelerates deterioration of the structure, which further shortens the building life.

Project Cost: \$ 20,000

State Request: \$20,000

CONTACT Doug Griffin, City Manager (907) 761-1317

Introduced by: City Manager Griffin
Date: January 11, 2011
Action: Adopted
Vote: Unanimous

Yes: _____ No: _____

Erbey
Brown
Vanover
Johnson
DeVries
Hanson

CITY OF PALMER, ALASKA

RESOLUTION NO. 11-003

A RESOLUTION OF THE PALMER CITY COUNCIL ESTABLISHING THE 2011 PRIORITIES FOR THE PALMER CAPITAL PROJECTS, A COMMUNITY MODEL PUBLICATION

WHEREAS, it is the City of Palmer's desire to provide a complete and accurate plan of the City's capital and improvement project needs; and

WHEREAS, the City Council approved a Capital Project Development Process on May 25, 2010 to ensure adequate opportunity for public input and a thorough review by the Community and City Council; and

WHEREAS, the Capital Project Development Process was truncated in 2010 to allow for nominations and review in a shorten time span; and

WHEREAS, a total of thirty one projects were nominated; and

WHEREAS, the results of the Capital Project Development Process were reviewed by the City Council; and

WHEREAS, cost estimates and potential funding sources were identified for projects under consideration for 2011; and

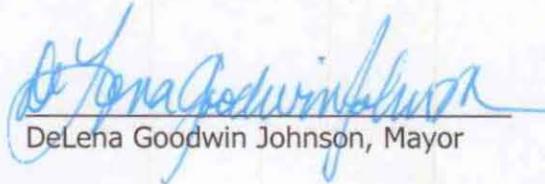
WHEREAS, the projects will be compiled into a document which will provide an overview of the City's needs, a comprehensive listing and a narrative description for each project.

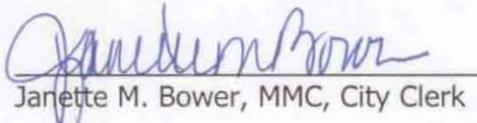
NOW, THEREFORE, BE IT RESOLVED by the Palmer City Council that the following projects are hereby established as the Palmer Capital Projects, a Community Model for 2011.

Steel Water Main Replacement
Waste Water Treatment Plant Phase IIA
ADA Sidewalk Compliance Phase Four
Matanuska Maid Block Land Acquisition and Development Planning
Airport Navigational Aids

Expansion of MTA Arena & Events Center
Fire Training Center Floor
Sherrrod Storm Water Improvements
Central Water Meter Read System
Airport Security Powered Gates
Brittany Estates Park
Daron Drive Park Upgrade
Police Vehicles
Sewer Division One Ton Utility Truck
Water Division One Ton Utility Truck
Pump Track
Sport Court Basketball Court
Small Aircraft Wash Area
Trail Connections / Walk to Fair Revisited
Teen Park

Passed and approved by the City Council of the City of Palmer, Alaska this eleventh day of January, 2011.


DeLena Goodwin Johnson, Mayor


Janette M. Bower, MMC, City Clerk



City of Palmer 2010-11 Project Development Process

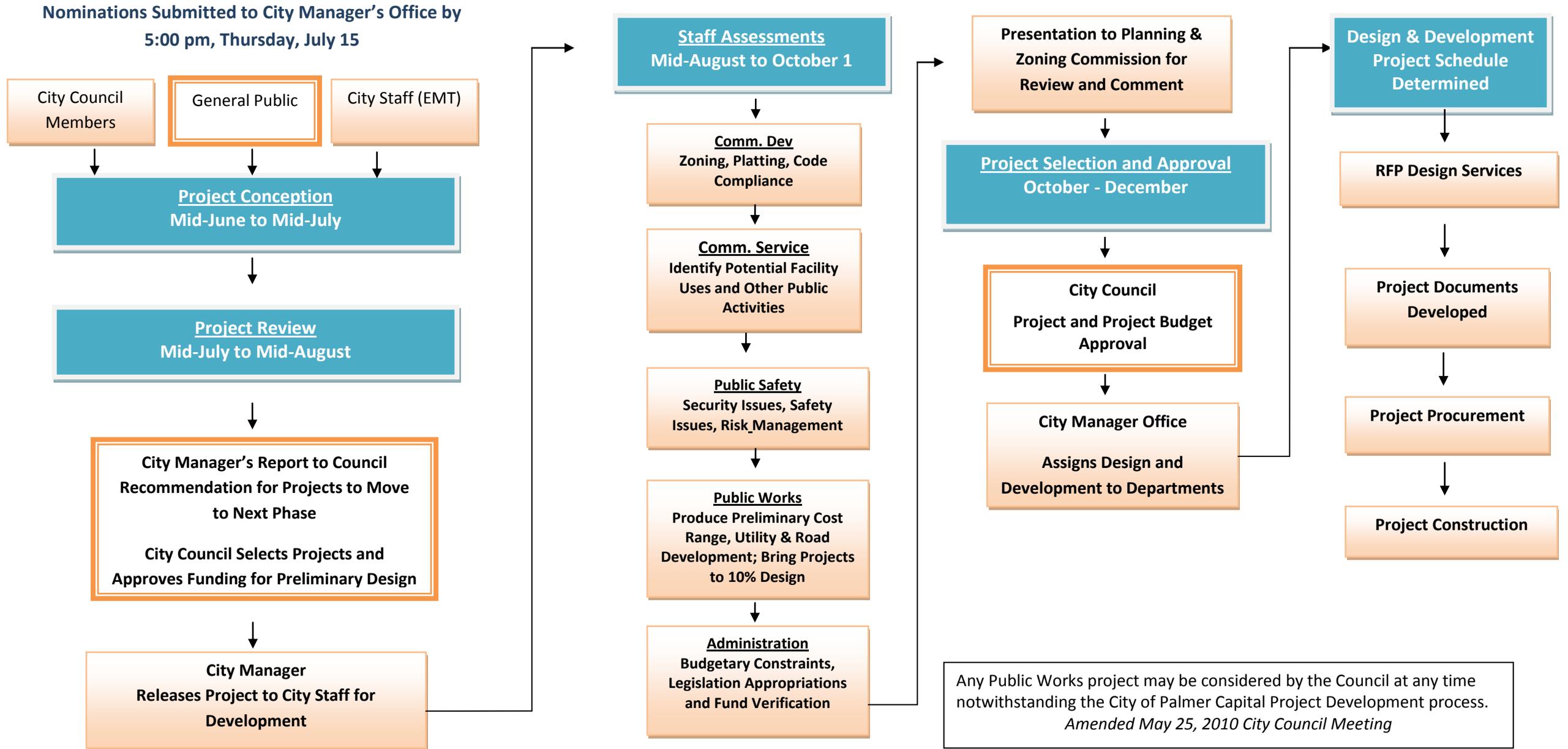
A new Project Development Process was approved by the Palmer City Council in May, 2010. The goal of the new process is to help the Council make informed decisions on a set time frame annually, and to provide several opportunities for public involvement, input and questions. Each project being considered for the capital budget will now go through this review cycle.

The process is designed to start in January; the City truncated the process for 2010 to accept nominations from June to July. A total of 31 applications were received from the public and City staff members by mid-July. All the submitted projects were reviewed by the City Manager and eight items were deferred to future budget years. The City Council received a report in August and directed all of the current year projects undergo further staff assessment.

The next steps in the process included an August presentation to the Palmer Planning and Zoning Commission on the process and all the projects for the Commission's input. Each of the City's five departments reviewed the projects for code compliance, public safety impact, risk management issues, budget development, potential user groups, and budgetary constraints and potential funding mechanisms.

The Staff's work was reviewed by the City Council in November, and the final compilation of projects was approved by the City Council in Resolution 11-003 in January, 2011.

Truncated Capital Project Development Process For 2011 Projects



Key:

Solid Teal Boxes Indicate Development Steps

Orange Boxes Indicate Opportunity for Public Involvement

Light Orange Boxes Indicate Action Steps



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Chief of Police
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Phone (907) 745-4811
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Bruce N. Axtell
Acting Fire Chief
Location: 645 E. Cope Industrial Way
Phone: 907-745-3854
Fax: 907-745-5443

MEMORANDUM

TO: Douglas B. Griffin, City Manager

FROM: Bruce Axtell, Deputy Fire Chief
Through Jon Owen, Director of Public Safety

DATE: February 28, 2011

RE: Background Information to the City of Palmer Fire Center Floor
Project History from Personal Recollections

In the 1980s the Palmer Fire Department moved from the old training grounds at Mile 38.5 Glen Highway to the present location in Palmer.

Funding was secured for the materials purchase to erect the three-story metal training tower. This was performed by an all volunteer force using City lifting equipment. I did the welding on the project.

The next project was the 25 x 60 feet two-story training building we call the "Smoke House". This building was designed and completely built by volunteer labor, and the City purchased the materials.

There was an obvious need for a combination storage and light vehicle maintenance building, as all available spaces in the fire stations were occupied and we were storing PPE and equipment separately in a furnace space at the main station.

Then Fire Chief Contini and the City Building Inspector Larry Teague came up with a design to accommodate dry secure storage for PPE and equipment in an upstairs bay, with space for light maintenance of small vehicles below. With a large bay to hold any of our fire trucks, we would be able to perform dry maintenance and store trucks inside and out of the weather. This also would give the City mechanics an alternative place to work on fire trucks away from the over-crowded City Shop. The current City Maintenance Facility was not yet on the drawing board. A major feature of the building was to mirror the structure on the North side and double the available space for future expansion. The building was designed as a drive through, although due to lack of funding, we have not made a gravel drive on the back side to do so.

On his personal time, Mr. Teague designed the building we call the "Shop" and submitted the drawings to the Federal Job Corps for their evaluation. The result was that if we supplied the materials and the foundation, they would build the building.

Using City equipment, volunteers excavated most of the foundation; the block layer contractor finalized it and completed the required foundation and grade

work. Fire volunteers hand leveled and set all of the floor drains, slab water runs, the oil/water separator and sewer and water connections before the contractor poured the concrete.

Job Corps students eventually completed the basic structure with an intact roof and the garage doors were installed by a contractor. No siding was installed as we ran out of funds to purchase material.

Job Corps installed the rough electrical panels and conduit and connected power to the site. Volunteer Al Trost is a very handy individual and pulled all the wiring, running additional conduit and mounted the lights and receptacles. A master electrician, another community volunteer, blessed the electrical system, then the breakers were set and we had lights and power. Al ran all of the above slab plumbing lines and soldered them to provide running water and a slop sink.

At the very least, over one year (1080 hours) of volunteer man hours were put in by fire department volunteers working on this building. No one kept track of the time as it was just one of the things expected of the volunteer system. Everyone put in time according to their ability, with a few exceptional folks like Dan Contini, Al Trost and others who spent much of their free time working on City fire projects such as this.

Karen Sawyer

From: Douglas Griffin [dgriffin@palmerak.org]
Sent: Friday, February 11, 2011 2:07 PM
To: Karen Sawyer
Subject: FW: Fire Maintenance Facility Improvements Needed

Categories: Blue Category

From: Jonathan C. Owen [<mailto:jcowen@PalmerPolice.com>]
Sent: Friday, February 11, 2011 11:05 AM
To: Douglas Griffin
Cc: Sandra Peterson
Subject: Fire Maintenance Facility Improvements Needed

In 1993 the first two bays of the City's new fire maintenance facility were constructed. In 2006, a 1200 square foot addition was added. This addition was intended to provide warm storage for fire apparatus (such as tankers) which must be maintained in a warm facility during winter months to prevent freezing of the valves. There was no money to complete the addition, which is still in need of a 8 inch concrete floor capable of sustaining the weight of fire apparatus. The addition, which has high ceilings to accommodate apparatus, has 4 large garage doors opening to the bays. We are requesting funding to finish the addition with the concrete slab floor, heated by a boiler. Additionally, the entire building has never had siding. The building has plywood and oriented strandboard (OSB) sheathing. This has never been covered by siding or treated. We are requesting funding to install steel siding on the exterior of the building to prevent the sheathing from deteriorating. All price estimates include prevailing wages for the contractor.

Below are the cost estimates:

Concrete flooring:

8" slab with #5 rebar on 12 inch centers, with blueboard: \$20,000

In-floor heating, complete with a high efficiency boiler; tubing; two zones; and associated plumbing and installation. This also includes the purchase and installation of a hot water heater, to enable firefighters to wash their turnout gear in a washing machine to be installed in this facility: \$22,000

Steel siding installed on entire building: \$35,000

Total requested: \$77,000

If the City is able to complete this project as requested, we will designate this facility as Palmer Fire Station 3-6. This will bolster the City's ISO rating, which is slated for review in the next year. Fire Chief John McNutt concurs with this request.

Thank you for your consideration,
Jon Owen

Jonathan C. Owen
City of Palmer
Director of Public Safety
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Fax: (907) 746-2314
Cell: (907) 354-9512

Police-Fire-Rescue-Dispatch
Risk Management

