

Chandalar Maintenance Station Replacement**FY2004 Request: \$850,000****Reference No: AMD 32478****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Chandalar Lake**Contact:** Nancy Slagle**House District:** Interior Villages (HD 6)**Contact Phone:** (907)465-3911**Estimated Project Dates:** 07/01/2003 - 06/30/2008**Brief Summary and Statement of Need:**

The department has requested additional federal funds which will negate the need for general funds. After the collapse of the Department's maintenance structures at Cascade Station on the Glenn Highway and 7-Mile Camp on the Dalton Highway, Commissioner Perkins ordered structural evaluations of suspect buildings. From the initial evaluations, the Chandalar building was found to be unsafe for occupancy and was vacated and demolished in the summer/fall of 2001.

| Funding: | FY2004 | FY2005 | FY2006 | FY2007 | FY2008 | FY2009 | Total |
|-----------------|------------------|---------------|---------------|---------------|---------------|---------------|------------------|
| Fed Rcpts | \$850,000 | | | | | | \$850,000 |
| Total: | \$850,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$850,000 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <input type="checkbox"/> State Match Required | <input checked="" type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" type="checkbox"/> Amendment | <input type="checkbox"/> Mental Health Bill | |

Operating & Maintenance Costs:

| | <u>Amount</u> | <u>Staff</u> |
|----------------------|---------------|--------------|
| Project Development: | 0 | 0 |
| Ongoing Operating: | 0 | 0 |
| One-Time Startup: | 0 | |
| Totals: | 0 | 0 |

Additional Information / Prior Funding History:

None

Project Description/Justification:**Chandalar Maintenance Station Replacement Design and Construction - \$5,202.0**

After the collapse of the Department's maintenance structures at Cascade Station on the Glenn Highway and 7-Mile Camp on the Dalton Highway, Commissioner Perkins ordered structural evaluation of suspect buildings. From the initial evaluations, the Chandalar building was found to be unsafe for occupancy and was vacated and demolished in the summer/fall of 2001.

Without an alternative for shop space and warm storage of equipment, a temporary structure was purchased and erected in the fall of 2001. This double walled tent-like structure has a plastic skin, with an energy rating of R-15, which results in very high heating costs. Without adequate ventilation and because of the structure's skin, this facility cannot be used for welding and grinding. These tasks must be performed at the nearby Alyeska Pipeline shop, which has been graciously loaned to the department for the winter.

The replacement building will be the same size as the original building: 10,800 square feet. The facility will provide warm storage and a maintenance shop for the heavy equipment used to maintain the Atigun Pass, Milepost 210 to Milepost 284 of the Dalton Highway, and the Chandalar Airport. The replacement structure is estimated to cost \$5,202.0 to construct. The Federal Aviation Administration (FAA) has authorized \$850.0 from the Airport Improvement Program (AIP) for the project.

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The Chandalar Maintenance station is critical to the mission of keeping commerce flowing to the North Slope and keeping the Dalton Highway passable year round. Without proper vehicle maintenance and warm storage at Chandalar, road maintenance service levels would reduce, and weather and avalanche related road closures would increase. Shifting crews and equipment to camps north and south of Chandalar would result in longer response times and higher maintenance costs.