

**Correctional Institutions Roof Repairs and Replacement****FY2002 Request: \$2,090,000****Reference No: 30784****AP/AL:** Appropriation**Project Type:** Deferred Maintenance**Category:** Public Protection**Location:** Statewide**Contact:** Dwayne Peoples**Election District:** Statewide**Contact Phone:** (907)465-3339**Estimated Project Dates:** 07/01/2001 - 06/30/2004**Brief Summary and Statement of Need:**

This project funds the review, repair and replacement of building roofs at the Lemon Creek, Wildwood, Fairbanks, Cook Inlet, Yukon-Kuskokwim, and Combined Hiland Mountain Correctional Centers.

**Funding:**

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Fed Rcpts	\$2,090,000						\$2,090,000
<b>Total:</b>	<b>\$2,090,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,090,000</b>

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

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

**Prior Funding History / Additional Information:**

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This project funds the repair and/or replacement of leaking facility roofs at:

1. Lemon Creek Correctional Center \$400.0 (Federal CAP Funds)

The flat roof portions of the main facilities require repair and/or replacement. The extreme weather winter conditions have taken their toll of the flat roofs at the Lemon Creek Correctional Center. Multiple leaks have occurred throughout the main facility and over inmate living and working areas. These roofs do not drain well, which contributes heavily to leakage. Replacement of the surfacing with new material will correct the problem and add many years of service to the roofing. Repairs will involve tearing up the old membranes covering the flat roofs and replacing them with new ones rather than tarring over the new membranes. If the repairs are not done, the damage will spread, greatly increasing the eventual cost of repair.

2. Wildwood Correctional Center \$100.0 (Federal CAP Funds)

The buildings at Wildwood Correctional Center were constructed in the mid-1950's. With one exception, all had been built-up, tar paper and asphalt roofs. Five buildings have had their roofs replaced. The roofs on seven additional buildings (buildings 1,5,7,8,10, 14,and 15) will be requested to be replaced in the FY02 Capital budget. However, immediate needs now exist to correct leakage problems on these roofs until they can be replaced or repaired fully. This project will stop any further damage from occurring on these roofs and help decrease the costs of future repairs and/or replacement of existing roofs.

3. Hiland Mountain/Meadow Creek Correctional Center \$ 750.0 (Federal CAP Funds)

The flat roof portions of both facilities require major repairs. These roofs do not drain well, which contributes to a severe leakage problem. Replacement of the surfacing with new material and building a slight slope to the roofs will provide better drainage and increase the service years of these roofs. Both facilities will also require extensive repair to gutters, flashing, and shingles. If this work is not accomplished this year, the existing damage will spread and greatly increase the costs of repairing these roofs.

4. Cook Inlet Correctional Center \$800.0 (Federal CAP Funds)

The flat roof portions of the facility requires repair and/or replacement. The extreme weather winter conditions have taken their toll of the flat roofs at the Cook Inlet Correctional Center. Multiple leaks have occurred throughout the main facility and over inmate living and working areas. These roofs do not drain well, which contributes heavily to leakage. Replacement of the surfacing with new material will correct the problem and add many years of service to the roofing. Repairs will involve tearing up the old membranes covering the flat roofs and replacing them with new ones rather than tarring over the new membranes. If the repairs are not done, the damage will spread, greatly increasing the eventual cost of repair.

5. Yukon-Kuskokwim Correctional Center \$20.0 (Other Federal Funds)

The Yukon-Kuskokwim Correctional Center opened in October 1984 and has as a combined square footage of 25,320. The roof systems on this facility are in need of repairs due to the severe winter weather of the Yukon Delta region of Western Alaska. Funding is required to do a thorough analysis of the entire roofing system and for development of a Capital funding request to repair and/or replace the roof.

6. Fairbanks Correctional Center \$20.0 (Other Federal Funds)

The Fairbanks Correctional Center opened in 1965 and has a combined square footage of 88,650. The roof systems on this facility are in need of repairs due to the severe winter weather in the Fairbanks area. Funding is required to do a thorough analysis of the entire roofing system and for development of a Capital funding request to repair and/or replace the roof.

These roofs can no longer be maintained with normal in-house techniques. They need major repair and/or replacement so

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that they do not jeopardize the security systems and safe functioning of the facilities. Deferral will cause further damage to the building structures and will increase the ultimate repair costs.