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| <b>FIA: Airfield Pavement Reconstruction &amp; Maintenance</b> | <b>FY2024 Request:</b> | <b>\$281,250</b> |
|  | <b>Reference No:</b>   | <b>AMD 64932</b> |

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|--|---|
| <b>AP/AL:</b> Allocation<br><b>Category:</b> Transportation<br><b>Location:</b> Statewide<br><b>Impact House District:</b> Statewide (HD 1 - 40)<br><b>Estimated Project Dates:</b> 07/01/2023 - 06/30/2028<br><b>Appropriation:</b> Airport Improvement Program | <b>Project Type:</b> Construction<br><b>Recipient:</b> NA<br><b>House District:</b> Statewide (HD 1 - 40)<br><b>Contact:</b> Dom Pannone<br><b>Contact Phone:</b> (907)465-2956 |
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**Brief Summary and Statement of Need:**

Reconstruct airfield pavement, including runways, taxiways, taxilanes, aircraft parking aprons, as it reaches the end of its useful life and perform maintenance work such as crack filling and sealing and spot repairs. The rehabilitation consists of excavating the existing structural section and replacing with a structural section that is designed for the current aircraft mix that use the pavement, including possible widening, as well as disposal of any contaminated soils, repaving, lighting, striping, signage, and storm drainage.

| Funding:       | FY2024           | FY2025     | FY2026     | FY2027     | FY2028     | FY2029     | Total            |
|----------------|------------------|------------|------------|------------|------------|------------|------------------|
| 1002 Fed Rcpts | \$281,250        |            |            |            |            |            | \$281,250        |
| <b>Total:</b>  | <b>\$281,250</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$281,250</b> |

|   |   |   |   |                                  |
|---|---|---|---|----------------------------------|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new         | <input type="checkbox"/> Phased - underway  | <input type="checkbox"/> Ongoing |
| 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             | 0            |
| <b>Totals:</b>       | <b>0</b>      | <b>0</b>     |

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

Rehabilitation and maintenance of airfield pavement is critical to providing for the safe operation of the airport and to meet Federal Aviation Administration (FAA) Grant Assurance 19, Operation and Maintenance.

The FAA requires that airports have a pavement management system (AC 150/5380-7) that facilitates identification of expected pavement needs. Anchorage International Airport's (ANC) Pavement Management System identifies pavement condition as a function of the Pavement Condition Index (PCI). The PCI is established through a survey and subsequent software analysis of asphalt and concrete pavement condition. The PCI is a metric value of 0-100, with 100 being the optimum pavement condition. The pavement condition surveys analyze cracks, spalling, rutting, and other pavement conditions that become part of the 0-100 metric.