



TO: Mayor Shaun Sipma
Members of the City Council

FROM: Jennifer Eckman, Airport Director

DATE: April 18, 2022

**SUBJECT: CONTRACT FOR RUNWAY PAVEMENT REHAB – BIDDING &
CONSTRUCTION ADMIN**

I. RECOMMENDED ACTION

1. Recommend approval of the runway pavement rehab bidding and construction administration to be conducted by Short Elliott Hendrickson Inc. (SEH); and
2. Authorize the Mayor to sign the agreement.

II. DEPARTMENT CONTACT PERSONS

Jennifer Eckman, Airport Director	857-4724
Maria Romanick, Operations & Maintenance Manager	420-4503

III. DESCRIPTION

A. Background

The primary runway at MOT, Runway 13/31, is experiencing surface deterioration in isolated areas along the length of the runway pavement and SEH has determined delamination of some panels during an evaluation period. The crosswind runway at MOT, Runway 8/26, is also experiencing pavement deterioration.

B. Proposed Project

The project consists of pavement maintenance of the concrete pavement on Runway 13/31. The pavement maintenance will include partial depth patching in areas where delamination has been identified. The identified areas will be removed, and new concrete will be poured. In addition to patching the existing joints will be resealed, the existing material will be removed and replaced with new material.

In addition to the pavement maintenance on Runway 13/31, pavement maintenance will be completed on the crosswind Runway 8/26. This maintenance will include crack seal and joint repair of the existing bituminous pavement. New cracks will be routed and sealed. Existing cracks will be cleaned, debris will be removed, and the crack will be sealed.

C. Consultant Selection

SEH is the engineer of record as was approved at the City Council meeting on May 17, 2021.

IV. IMPACT:

A. Strategic Impact:

The safety of the runway is of utmost importance to providing safe and efficient aviation transportation for the Minot Community.

B. Service/Delivery Impact:

By designing a solution to address the deteriorating structural components of the airport’s runways, this project will allow for continued safe operations for commercial and general aviation at the Minot International Airport.

C. Fiscal Impact:

The cost of this project requires a Budget Amendment, as this was not an anticipated project within the 2022 budget.

Project Design and Labor	\$73,222
Direct Expenses	\$11,878
TOTAL	\$85,100

Project Funding

The funding will come from the FAA Airport Improvement Program (AIP). The airport will receive \$1,633,336 of entitlement funds in FY2022, in addition to the carryover of \$610,337 from previous years, for an entitlement balance of \$2,243,673 for FY2022. It’s projected that City of Minot share will be 5 percent.

V. CITY COUNCIL ASPIRATIONS

The rehabilitation project will result in resiliency and preparedness with the extended useful life of the runways. The project will contribute to the safety of the operations by ensuring a safe and welcoming facility through structurally sound surfaces.

VI. ALTERNATIVES

Alt. 1. City Council could recommend that this project be postponed or denied, resulting in a delay for repairs and the potential for structural failure of the airport’s runways.

VII. TIME CONSTRAINTS

Because of the surface deterioration throughout the length of both runways which has the potential to lead to subsurface structural concerns, it is imperative that the issue be assessed and addressed as quickly as possible to mitigate any further deterioration of the main runway.

The FAA has allowed for the airport to rebid the project with the goal of obtaining more competitive bids.

The funding requests are required to be submitted to the FAA and the North Dakota Aeronautics Commission no later than June 7, 2022.

VIII. LIST OF ATTACHMENTS

- A. SEH Master Agreement
- B. Supplemental Letter Agreement with Bidding & Construction Admin Proposal – Runway Pavement Rehabilitation