



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: February 6, 2017

Re: Appropriating Funds for Engineering Costs Related to Reconstruction of Taxiway C, Route H and Development of a Pavement Management Program at Columbia Regional Airport

Executive Summary

Authorizing an appropriation of Federal Aviation Administration (FAA) grant funds and Transportation Sales Tax funds for the reconstruction of Taxiway C, Route H, and for the development of a Pavement Management Program at the Columbia Regional Airport. The engineering cost for the three projects total \$583,737.14, with 90% reimbursement from the FAA. The City's 10% local match will be paid from Transportation Sales Tax funds.

Discussion

The FAA has authorized funding for engineering services related to the following three Airport projects totaling \$583,737.14. The FAA will reimburse the City 90%, or \$525,363.43. The City's 10% local match is \$58,373.71 and will be paid from Transportation Sales Tax funds.

Reconstruction of Taxiway C

Engineering design services to reconstruct approximately 2,800' by 35' of Taxiway C. This improvement project will abut Runway 13-31, which is currently under construction to lengthen and widen the runway to 5,500' x 100'. The Taxiway C project was originally planned and budgeted for design and construction in FY2020; however, the FAA recently notified staff that funding is available for design services to be completed in FY2017 and construction in FY2018.

Pavement Management Program

The work will include the determination of a Pavement Condition Index (PCI) and providing a Pavement Management System Study, (PMS) for airfield movement areas at Columbia Regional Airport.

The total cost for both projects is \$318,775.00. The FAA will reimburse the City 90% of this cost, or \$286,897.50. The City's 10% match of \$31,877.50 will be paid from Transportation Sales Tax funds.

Reconstruction of Route H

Engineering design services to relocate a portion of Route H to allow for the extension of Runway 2-20. The current location of Route H will be in conflict with the new runway protection zone of the 900' extension of Runway 2-20, programmed for 2019 construction. In order to meet this critical airport improvement project, Route H must be designed and constructed prior to the extension project.



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The total cost for this project is \$264,962.14. The FAA will reimburse the City 90% of this cost, or \$238,465.93. The City's 10% match of \$26,496.21 will be paid from Transportation Sales Tax funds.

Fiscal Impact

Short-Term Impact: Appropriating \$286,897.50 from the Federal Contributions Project account and \$31,877.50 from Transportation Sales Tax to the Taxiway C & Pavement Management Program Project account.

Appropriating \$238,465.93 from the Federal Contributions Project account and \$26,496.21 from Transportation Sales Tax to the Route H Reconstruction project.

Long-Term Impact: Construction costs for Taxiway C project is estimated at \$2,832,630.00, and \$3,111,232.00 for Route H project.

Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Transportation, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Legislative History

| Date | Action |
|------------|---|
| 02/06/2017 | Authorizing an agreement with Burns & McDonnell related to design services for reconstruction of Taxiway C, and for the Pavement Management Program at Columbia Regional Airport. |
| 02/06/2017 | Authorizing an agreement with Burns & McDonnell related to design services for reconstruction of Route H at Columbia Regional Airport. |

Suggested Council Action

Authorize an appropriation of funds from the Federal Contributions Account in the amount of \$525,363.43, and \$58,373.71 from Transportation Sales Tax funds for the reconstruction of Taxiway C, Route H and the development of a Pavement Management Program at Columbia Regional Airport