



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: William F. Sherry, A.A.E.

SUBJECT: SEE BELOW

DATE: December 15, 2008

Approved

Date

1/13/09

COUNCIL DISTRICT: City-Wide

SUBJECT: FAA GRANT APPLICATIONS FOR THE TAXIWAY W EXTENSION - PHASES 1, 2, 3, 4, AND 5 PROJECTS

RECOMMENDATION

Adopt a resolution authorizing the Director of Aviation to apply for, and execute upon receipt, grants from the Federal Aviation Administration or any other potentially available federal economic stimulus funds that may become available in a total amount not to exceed \$100.5 million for the Taxiway W Extension – Phases 1, 2, 3, 4, and 5 Projects at the Norman Y. Mineta San Jose International Airport.

OUTCOME

Approval of this recommendation will allow the City to receive federal grant funds to extend and reconstruct Taxiway W to address a Federal Aviation Administration recommendation from their Runway Safety Action Team (RSAT) and to provide increased operational flexibility in the ground handling of general aviation aircraft.

BACKGROUND

In January 2008, as part of its application for federal Airport Improvement Program (AIP) grant funding, the Airport submitted an Airport Capital Improvement Plan (ACIP) to the Federal Aviation Administration (FAA) for the federal fiscal years FY 08-09 through FY13-14. The ACIP is used by the FAA to determine AIP project funding.

The ACIP included the design and construction of the Taxiway W Extension program and the South Apron replacement project. Grant funding for the design of the South Apron replacement/phase 1 in the amount of \$1,039,286 was approved by FAA in May 2008.

The total estimated cost of the Taxiway W Extension project is approximately \$100.5M. The Taxiway W Extension/phase 1 project, with an estimated cost of \$14.8M was included on the FY

08-09 ACIP and the remaining projects necessary to complete the Taxiway W Extension (estimated cost of \$85M) were included on the FY09-10 ACIP as one project. The FAA has notified staff that federal funds have been set aside in FY08-09 for the Taxiway W/ phase 1 project. The grant application must be submitted to the FAA by February 2, 2009 to qualify for FY 08-09 AIP grants.

To maximize grant funding opportunities, the Taxiway W Extension project, which further extends the Taxiway W from Taxiway D to Taxiway L and provides cross taxiway connections, has been split into five phases. This split will be reflected on the submission of ACIP to FAA for FY 09-10 to FY13-14 in January 2009. This should potentially position the project to be considered for Airport Improvement Program funding over a several-year period and thus improve its long-term chances for federal funding.

ANALYSIS

The Taxiway W Extension – Phase 1 Project will fund the design and construction of the extension of the Taxiway W from Taxiway C to Taxiway D and extend Taxiway D from Runway 30L to Taxiway V. This project addresses a FAA RSAT recommendation and provides increased operational flexibility in the ground handling of General Aviation aircraft on the West side of the airfield.

Total design and construction costs of the Taxiway W Extension – Phase 1 Project is approximately \$15.0M and up to \$12.1M in potential Airport Improvement Program (AIP) grant funding can be obtained from the FAA. The FAA has just informed staff that \$9.5M in AIP funding has been set aside in FY08-09 for the Taxiway W Extension/phase 1 *and* the South Apron Replacement/phase 1 projects. City Council approval to submit AIP grant for the South Apron Replacement/phase 1 construction project in the amount of \$10M was obtained on March 25, 2008. The \$9.5M set aside funding is approximately 44% of the potential \$22 million in grant funding needed for these two projects. Staff is working with the FAA to have the anticipated funding allocated to ensure at least one of the two top priority projects can be completed. Staff will also continue to work with FAA to secure additional funding for the remaining project.

The Taxiway W Extension – Phase 2 Project will fund the design and construction to extend three cross-taxiways from Runway 30L to Taxiway V. These three taxiways are Taxiway C, Taxiway H and Taxiway J. This project will provide taxiway connections from the West side of the airfield to the existing taxiway/runway network and will allow for the early use of the West side of the airfield for potential uses by Fixed Based Operators, corporate general aviation and cargo operations. In addition, this will provide funds to reconstruct Taxiway C, which is currently structurally inadequate and has experienced numerous pavement failures.

Total design and construction costs of the Taxiway W Extension – Phase 2 Project are approximately \$16.8M and up to \$13.5M in potential AIP grant funding may be obtained from the FAA.

The Taxiway W Extension – Phase 3 Project will fund the design and construction of the extension of the Taxiway W from Taxiway D to Taxiway H. This will provide general aviation aircraft a more direct path to Runway 30R and 30L and increase operational efficiency and safety by eliminating the need for the West side general aviation aircraft to cross three active runways.

Total design and construction costs of the Taxiway W Extension – Phase 3 Project is approximately \$23.7M and up to \$19.2M in potential AIP grant funding may be obtained from the FAA.

The Taxiway W Extension – Phase 4 Project will fund the design and construction of the extension of the Taxiway W from Taxiway H to Taxiway L. This will provide general aviation aircraft a more direct path to Runway 12R and 12L and increase operational efficiency and safety by eliminating the need for the departing West side general aviation aircraft to cross three active runways.

Total design and construction costs of the Taxiway W Extension – Phase 4 Project is approximately \$25.3M and up to \$20.4M in potential AIP grant funding may be obtained from the FAA.

The Taxiway W Extension – Phase 5 Project will fund the design and construction of the reconstruction of the Taxiway W from Taxiway B to Taxiway C and extend cross taxiway K from Runway 30L to Taxiway V. The project will allow section B to C of the Taxiway W to meet the required Design Group IV standard for the taxiway and construct the last cross taxiway connection at Taxiway K.

Total design and construction costs of the Taxiway W Extension – Phase 5 Project is approximately \$19.7M and up to \$15.9M in potential AIP grant funding may be obtained from the FAA.

Council approval of the recommendation will allow staff to file the grant applications this year for the total estimated cost of \$15.0 to design and construct the Taxiway W Extension/phase 1 project as well as the Taxiway Extension – Phases 2, 3, 4 and 5 Projects when funding becomes available from any potential economic stimulus funds that may be appropriated by the federal government in upcoming months that may be available for airport construction projects or the annual AIP funding. Although the total potential AIP grant funding for the five phases is approximately \$81.1 million, staff is requesting approval to submit grant applications for the total estimated cost of the Taxiway W in the event that the federal economic stimulus program may provides a higher funding level.

EVALUATION AND FOLLOW UP

As described above, the total estimated cost of the Taxiway W Extension Program is \$100.5M. City Council approval will need to be obtained as construction contracts are awarded for phases 1, 2, 3, 4, and 5 of the Taxiway W Extension Program in accordance with the project schedule.

POLICY ALTERNATIVES

Not applicable.

PUBLIC OUTREACH/INTEREST

- Criteria 1:** Requires Council action on the use of public funds equal to \$1 million or greater. **(Required: Website Posting)**
- Criteria 2:** Adoption of a new or revised policy that may have implications for public health, safety, quality of life, or financial/economic vitality of the City. **(Required: E-mail and Website Posting)**
- Criteria 3:** Consideration of proposed changes to service delivery, programs, staffing that may have impacts to community services and have been identified by staff, Council or a Community group that requires special outreach. **(Required: E-mail, Website Posting, Community Meetings, Notice in appropriate newspapers)**

This memo is posted on the City's website for the January 27, 2009 Council Agenda. Additional public outreach efforts will be done at the time the contracts for these projects are awarded.

COORDINATION

This memo has been coordinated with the City Attorney's Office, and the City Manager's Budget Office.

COST SUMMARY/IMPLICATIONS

The grant funding, if awarded, will be used to offset the cost of Taxiway W/phase 1, 2, 3, 4 and 5 projects. The Airport's share of the total costs will be proposed for Council appropriation during the City's annual budget process.

BUDGET REFERENCE

Council actions to recognize and to appropriate the grant and local funding for the project will be proposed in the FY 09-10 capital budget process.

CEQA

Resolution Nos. 67380 and 71451, PP 09-002.


WILLIAM F. SHERRY, A.A.E.
Director of Aviation