



City of Santa Barbara
Airport Department

DATE: September 20, 2017
TO: Airport Commission
FROM: Hazel Johns, Airport Director
SUBJECT: Construction Of Santa Barbara Airport Main Runway Pavement Rehabilitation Project

RECOMMENDATION: That Airport Commission receive a staff presentation on FAA funding and schedule for the Runway 7-25 Pavement Rehabilitation Project.

DISCUSSION:

Project Description

The Runway 7-25 Pavement Rehabilitation Project (Project) consists of paving and associated rehabilitation for the Airport's primary commercial runway. The surface of Runway 7-25 is beginning to deteriorate and is in need of rehabilitation to maintain the runway in good serviceable condition. The runway was last resurfaced in 2007. The rehabilitation effort includes the following:

- Removal of the existing grooved surface by pavement grinding.
- Crack fill and seal.
- Surface grade correction through variable depth surface grind.
- Construction of variable thickness asphalt pavement overlay.
- Construction of a uniform thickness asphalt pavement surface course.
- Construction of surface grade transitions at all connecting runways and taxiways.
- Creating a surface friction element through grooving of the completed surface.
- Applying new precision approach pavement markings.
- Adjustment of existing runway edge lights to new grades.

The Project was bid with a base bid to pave approximately 4,400 feet of the 6,052 foot runway, and two bid alternatives, each to pave approximately 800 feet of runway. This was done due to the uncertainty of the availability of Federal Aviation Administration (FAA) funding. On August 15, 2017, the FAA presented the Airport with a Grant Agreement for \$7,338,355, enough for the Airport to award the base bid and both bid alternatives.

Contract Bids

Only one bid was received for the subject work. This is most likely due to the fact that the Project primarily consists of asphaltic pavement, and there are only two batch plants close enough to serve the Project.

	BIDDER	BID AMOUNT
1.	Granite Construction Santa Barbara	\$7,748,991

The low bid of \$7,748,991, submitted by Granite Construction, is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$387,450, or five percent, is typical for this type of work and size of project.

Construction Phase Contract Services

Tartaglia Engineering was selected for materials testing, inspection, and construction management. Tartaglia Engineering was selected by Council to complete this work following a Request for Qualifications process in April 2016.

FAA Airport Improvement Program Grants

The FAA, under authorization from the United States Congress, distributes FAA Airport Improvement Program (AIP) funds each year. Half of the year's authorized level of AIP funding is distributed to all eligible commercial service airports through an entitlement program that guarantees a minimum level of federal assistance each year based on prior year passenger enplanement levels. The remaining AIP funds are distributed on a discretionary basis.

Entitlement funds can be carried over to future fiscal years. Design, permitting, and bidding for the Runway 7-25 Pavement Rehabilitation Project was funded by a portion of the 2016 entitlement grant. The remaining balance of the 2016 entitlement grant was carried over into the 2017 entitlement grant for construction of the Runway 7-25 Pavement Rehabilitation Project. The FAA provided \$2,308,967 of discretionary funding for this Project so that the entire runway could be resurfaced in one construction effort.

Funding

Federal legislation sets the local match for non-hub primary airports at 9.34 percent for the 2017 entitlement grant. Funds for the match were budgeted in the Airport's Fiscal Year 2018 Operating Fund budget, however, the receipt of discretionary FAA funding necessitates an increase in appropriations for the City grant match and change order authority.

The Airport Operating Fund has \$432,001 budgeted, and the Airport Capital Fund has \$270,000 budgeted, for this project, totaling \$702,001. An additional \$473,698 is needed from the Airport Operating Fund, which will bring the total funding from Airport revenues to \$1,175,699. This will cover the City’s match of \$756,014 and change order authority of \$419,685. The balance of the project costs will be funded from FAA grant revenues of \$7,338,355.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Granite Construction	\$7,748,991.00	\$387,450.00	\$8,136,441.00
Tartaglia Engineering	\$322,347.50	\$32,235.50	\$354,583.00
TOTAL RECOMMENDED AUTHORIZATION			\$8,491,024.00

The following summarizes all Project design costs, construction contract funding, and other Project costs:

ESTIMATED TOTAL PROJECT COST

**Cents have been rounded to the nearest dollar in this table.*

	FAA GRANT	CITY SHARE	TOTAL
Design Cost	\$353,878	\$36,457	\$390,335

Construction Contract	\$7,338,355	\$410,636	\$7,748,991
Construction Change Order Allowance	0	387,450	387,450
Subtotal	\$7,338,355	\$798,086	\$8,136,441

Construction Management/Inspection	\$0	\$354,583	\$354,583
Construction Subtotal	\$7,338,355	\$1,152,669	\$8,491,024

TOTAL PROJECT COST	\$7,692,233	\$1,189,126	\$8,881,359
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