



County of San Mateo

Inter-Departmental Correspondence

Department: PLANNING AND BUILDING

File #: 19-257

Board Meeting Date: 3/26/2019

Special Notice / Hearing: None
Vote Required: Majority

To: Honorable Board of Supervisors

From: Steve Monowitz, Community Development Director

Subject: Amendment to the agreement with BFK Engineers to complete 100% Construction Plans, Specifications, and Estimates (PS&E) for Phase 2 of the initial segment of the Midcoast Multimodal Trail

County File Number: PLN 2015-00325 (San Mateo County)

RECOMMENDATION:

Adopt a resolution authorizing an amendment to the agreement with BKF Engineers to complete 100% Construction Plans, Specifications and Estimates (PS&E) for Phase 2 of the initial segment of the Midcoast Multimodal Trail, increasing the total amount not-to-exceed to \$595,450 and extending the term through December 31, 2019.

BACKGROUND:

Between 2009 and 2012, the County oversaw development of the two-phase Highway 1 Safety and Mobility Improvement Study. The study evaluated opportunities and constraints for active transportation mobility and accessibility throughout the Midcoast. The study produced conceptual alternatives and recommendations to improve active transportation facilities and coastal access along the Highway 1 corridor, including a proposed Midcoast Multimodal Trail for safe pedestrian and bicycle travel. The Midcoast Multimodal Trail is alternatively known in existing plans and studies as the Parallel Trail.

The subject agreement represents the second phase in the design work for the initial segment of the Midcoast Multimodal Trail. This initial segment will extend on a north-south axis, from Mirada Road in Miramar, at the City of Half Moon Bay-County line, to Coronado Street in El Granada. It is expected that trail users traveling south on this segment will be able to safely connect to the City of Half Moon Bay by using the Naomi Patridge Trail, a crucial component of the City's pedestrian and bicycle commuter trail network. Trail users traveling northbound will be able to access El Granada directly. The proposed trail will enhance active transportation safety and accessibility for Midcoast residents.

Eventually, four segments will be constructed to complete the Midcoast Multimodal Trail, from

Miramar to Montara. Once all segments of the Midcoast Multimodal Trail are completed, users will be able to accomplish their daily tasks throughout the Midcoast and in Half Moon Bay, including visiting businesses, commuting to and from school, and recreating by bicycle or foot without relying on vehicular travel or crossing Highway 1 unnecessarily.

In January 2014, the Board of Supervisors approved the submittal of a grant application and matching County funds to pursue environmental analysis, design, and construction plans for the initial segment, in preparation for eventual construction. In June 2015, the Board of Supervisors approved an agreement with BKF Engineers to prepare Phase 1 of this project, which included Preliminary Engineering and Environmental Review (PE/ENV), and 30% Construction PS&E.

On February 14, 2017, the Board of Supervisors approved an agreement with the County's consultant, BKF Engineers, to move the project plans from the 30% (conceptual) stage to 100% construction ready documents. In addition to completion of the engineering plans and documents, the County's consultant prepared National Environmental Policy Act (NEPA) environmental review documents to better position this project for potential Federal grant funds for the construction phase. The County agreement amount was \$450,000 for a term extending to April 30, 2018.

On February 27, 2018, the Board of Supervisors approved an amendment to the Phase 2 agreement to provide additional funds to cover the cost of unanticipated engineering activities associated with Caltrans design requirements. The first amendment increased the budget by \$62,400 and extended the term of the agreement to December 31, 2018.

DISCUSSION:

In October 2017, San Mateo County approved a Coastal Development Exemption request from the Sewer Authority Mid-Coastside (Authority) for the replacement of the Authority's sewer force main within the Highway 1 right-of-way. The plans submitted by the Authority indicated that the existing force main was to be dug up and removed and that the replacement pipe was to be located "in the same alignment and depth as the existing force main." This alignment (for the force main) is adjacent to, and, based upon the plans submitted to the County, not in conflict with the County's proposed Midcoast Multimodal Trail alignment. The Authority's plans were reviewed by County staff and BKF Engineering before approval of the requested Coastal Development Exemption.

Subsequent to the County's approval, the Sewer Authority constructed their pipeline replacement project during late winter/early spring 2018. However, at the Arroyo de Medio creek location, the Authority deviated from their approved plans. Where the new pipeline was placed is critically close to the location of the Parallel Trail's proposed bridge across the Creek. This in turn has forced the County to re-assess whether the Midcoast Multimodal Trail design will now negatively impact the Authority's sewer pipeline. BKF Engineering believes that the abutments for the bridge will need to be redesigned and potentially moved in order to avoid damaging the new sewer pipelines.

In order to redesign the bridge and complete the design for the Midcoast Multimodal Trail project, BKF has submitted an amendment to the budget to cover the cost of the additional design work needed to address the Authority sewer pipelines, and to extend the term of the agreement from December 31, 2018 to December 31, 2019.

Staff is proposing to shift non-departmental funds that were allocated to the Parks Department in Fiscal Year 2015/16 for Phase 3 (construction) of this project. Staff is currently pursuing potential State and Federal grant dollars for Phase 3; however, the chances of securing these grants are reliant upon having "shovel ready" (i.e., complete) construction plans.

The resolution contains the County's standard provision allowing amendment by the department head of the County's fiscal obligations by a maximum of \$25,000 (in aggregate).

County Counsel has reviewed and approved the amendment as to form.

The proposed agreement contributes to the 2025 Shared Vision outcomes of a Livable and Environmentally Conscious Community because the Project will result in transportation and land use design that will promote connectivity and reduce carbon emissions through active transportation utility, in a manner that benefits residents, visitors, and the environment.

FISCAL IMPACT:

The total cost for the term of this agreement, as amended, is \$595,450. This Project (Midcoast Multimodal Trail, Segment 1) is sponsored, in part, by a \$500,000 grant from the San Mateo County Transportation Authority Measure A Pedestrian and Bicycle Program with a 10% match funding contribution from the County Parks Department, in the amount of \$50,000. Project management resides with the County Planning and Building Department.

ATTACHMENTS

- A. Resolution Authorizing Execution of the amended Phase 2 Agreement between San Mateo County and BKF Engineers.
- B. Amendment to the Agreement between County of San Mateo and BKF Engineers (with amended Scope of Work)