



Midpeninsula Regional
Open Space District

R-23-30
Meeting 23-09
March 22, 2023

AGENDA ITEM 3

AGENDA ITEM

Minor Contract Amendment for Caltrans Permit Design Services with BKF Engineers for the Bear Creek Redwoods North-East Trailhead (an Element of Phase II Trail Improvements)

GENERAL MANAGER'S RECOMMENDATION *den*

Authorize a contract amendment in the amount of \$34,000 with BKF Engineers of Redwood City, California to provide Permit Design Services required for the Caltrans encroachment permit to establish the Bear Creek Redwoods North-East Trailhead, bringing the existing contract to a not-to-exceed total amount of \$154,956.

SUMMARY

Adopted in 2017, the Bear Creek Redwoods Preserve Plan (Preserve Plan) includes a trail connection between Bear Creek Redwoods Open Space Preserve (Preserve) and Lexington Reservoir County Park with a trailhead in the northeast corner of the Preserve. This work is part of the Bear Creek Redwoods Phase II Trails Project. In June 2021, the Midpeninsula Regional Open Space District (District) Board of Directors (Board) awarded BKF Engineers (BKF) the contract for Design and Engineering Services for the northeast trailhead ([R-21-77](#), [meeting minutes](#)) with a base contract amount of \$109,960 and authorized a 10% contingency of \$10,996, for a total not-to-exceed contract amount of \$120,956. The project is located within the California Department of Transportation (Caltrans) right-of-way and requires an encroachment permit. After reviewing the initial submittals, Caltrans is now requesting a Design Engineering Evaluation Report (DEER), which is not typically required for standard encroachment permit submittals. This work is not currently of the scope of work for BKF. The General Manager recommends amending the original not-to-exceed contract of \$120,956 in the amount of \$34,000 for a total not-to-exceed contract amount of \$154,956. There are sufficient funds in the adopted Fiscal Year 2022-23 (FY23) project budget to cover the recommended action and expenditures through the end of the fiscal year.

BACKGROUND

In January 2017, the Board approved the Preserve Plan and certified the associated Environmental Impact Report (EIR). The Preserve Plan identifies a phased implementation of the trail network, of which Phase II includes the construction of new trails, improvements to existing roads and trails, and regional trail connections to adjacent open space lands. Specifically, the Preserve Plan's Objective 1.4a of the Public Use and Facilities Element includes formalizing a northeast trailhead into the Preserve and establishing a safe trail connection to Lexington Reservoir County Park using the existing Bear Creek Road overcrossing of Highway

17. The northeast trailhead would connect to the Phase II trail network, including the planned multi-use trail. Refer to Attachment 1: Project Location Map for more information.

The North-East Trailhead is located within Caltrans right-of-way and the basis of design work was generally divided into two specific disciplines: traffic improvements from Lexington County Park on the existing Bear Creek Road overcrossing, as well as hillside ramps, staircases, and retaining walls to traverse 54 feet of vertical elevation change up into the Preserve. In May 2019, the District contracted with Questa Engineering for basis of design for the hillside engineering as part of the broader conceptual design and engineering services for the Phase II trail network. In June 2020, the District contracted with W-Trans to provide the basis of design work for the traffic improvements on the Bear Creek Road overcrossing. The basis of design work completed by Questa Engineering and W-Trans provided the starting point for BKF to begin their design development work for the North-East Trailhead.

DISCUSSION

BKF was awarded a design contract in July 2021 to implement the North-East Trailhead. Since then, the following progress has been made:

- Final design concept was completed and approved;
- Geotechnical investigation and recommendations were completed;
- Structural engineering calculations were completed;
- Caltrans Inter-Governmental Agency (IGA) coordination was completed;
- Construction documents were developed to 90%; and
- Caltrans encroachment permit application was prepared and submitted.

It was through the formal encroachment permit application that Caltrans reached the opinion that the project components require a Design Engineering Evaluation Report (DEER) to provide additional technical details. The DEER requires the following additional exhibits and analyses to be prepared:

- Right-of-Ways Impact Analysis;
- Right-of-Way Data Sheet;
- Traffic, Maintenance and Operations Impact Analysis;
- Storm Water Data Report; and
- Quality Management Plan.

The proposed contract amendment expands the scope of work to satisfy the previously unanticipated DEER requirement.

FISCAL IMPACT

The FY23 adopted budget includes \$1,411,507 for the Bear Creek Redwoods Phase II Trail Improvements (MAA21-011). There are sufficient funds in the project budget to cover the recommended action and expenditures through the end of the fiscal year, however, the overall project budget for MAA21-011 is projected to be insufficient to complete the project. The table below shows the project budget and includes the General Manager's recommendation to allocate \$1,486,000 of available interest earnings to the MAA21-011 project, as part of the Gordon N Ball, Inc., Award Contract for Construction item going to the Board for approval at the same March 22, 2023 Board meeting.

Phase II Trail Improvements, Bear Creek Redwoods OSP MAA21-011	Prior Year Actuals	FY23 Adopted	FY24 Projected	FY25 Projected	Estimated Future Years	TOTAL
District Funded (Fund 30):	\$860,395	\$0	(\$433,348)	\$681,000	\$2,000	\$1,110,047
Allocation of available MAA interest earnings*:	\$0	\$0	\$1,486,000	\$0	\$0	\$1,486,000
Grant Amount:	\$0	\$1,411,507	\$1,059,614	\$0	\$0	\$2,471,121
Total Budget:	\$860,395	\$1,411,507	\$2,112,266	\$681,000	\$2,000	\$5,067,168
Proposed Q3 adjustments:	\$0	(\$676,500)	\$676,500	\$0	\$0	\$0
Total project budget:	\$860,395	\$735,007	\$2,788,766	\$681,000	\$2,000	\$5,067,168
Spent-to-Date (as of 3/8/23):	(\$860,395)	(\$347,207)	\$0	\$0	\$0	(\$1,207,602)
Encumbrances:	\$0	(\$36,144)	\$0	\$0	\$0	(\$36,144)
BKF Engineers Contract Amendment:	\$0	(\$34,000)	\$0	\$0	\$0	(\$34,000)
Gordon N Ball, Inc. Contract Agreement including contingency and allowance*:	\$0	(\$250,000)	(\$2,126,763)	\$0	\$0	(\$2,376,763)
Budget Remaining (Proposed):	\$0	\$67,656	\$662,003	\$681,000	\$2,000	\$1,412,659

*Allocation of Available Interest Income as part of the General Manager's Recommendation for the Gordon N Ball, Inc., Award of Contract for Construction of the Bear Creek Redwoods Phase II MAA21-011 Project at the same 3/22/23 Board meeting

**Gordon N Ball, Inc., Award of Contract for Construction of the Bear Creek Redwoods Phase II MAA21-011 Project at the same 3/22/23 Board meeting

The following table outlines the Measure AA Portfolio 21 Bear Creek Redwoods — Public Recreation and Interpretive Projects allocation, costs-to-date, projected future project expenditures and projected portfolio balance remaining.

MAA21 Bear Creek Redwoods — Public Recreation and Interpretive Projects Portfolio Allocation:	\$17,478,000
Grant Income (through FY26):	\$4,952,197
Interest Income Allocation:	\$2,709,530
Fund 40 Allocation:	\$1,250,000
Total Portfolio Allocation:	\$26,389,727
Life-to-Date Spent (as of 3/8/23):	(\$15,621,668)
Encumbrances:	(\$187,118)
Remaining FY23 Project Budgets:	(\$2,945,787)
Future MAA21 project costs (projected through FY26):	(\$7,318,170)
Total Portfolio Expenditures:	(\$26,072,743)
Portfolio Balance Remaining (Proposed):	\$316,984

The following table outlines the Measure AA Portfolio 21 allocation, projected life of project expenditures and projected portfolio balance remaining.

MAA21 Bear Creek Redwoods — Public Recreation and Interpretive Projects Portfolio Allocation:	\$17,478,000
Grant Income (through FY26):	\$4,952,197
Interest Income Allocation:	\$2,709,530
Fund 40 Allocation:	\$1,250,000
Total Portfolio Allocation:	\$26,389,727
Projected Project Expenditures (life of project):	
21-001 Moody Gulch Fence & Gate Improvements	(\$847)
21-004 Bear Creek Stables Project	(\$6,557,991)
21-005 Bear Creek Redwoods Public Access	(\$5,548,003)
21-006 Bear Creek Redwoods - Alma College Cultural Landscape Rehabilitation	(\$5,806,879)
21-007 Bear Creek Redwoods Preserve Plan Invasive Weed Treatment	(\$1,411,153)
21-008 Bear Creek Redwoods Ponds Restoration and Water Rights	(\$681,517)
21-009 Bear Creek Redwoods Webb Creek Bridge	(\$487,492)
21-010 Bear Creek Redwoods Landfill Characterization and Remediation	(\$420,777)
21-011 Phase II Trail Improvements, Bear Creek Redwoods OSP	(\$5,067,168)
21-012 Bear Creek Redwood Tree Restoration	(\$90,915)
Total Portfolio Expenditures:	(\$26,072,743)
Portfolio Balance Remaining (Proposed):	\$316,984

BOARD AND COMMITTEE REVIEW

This Project previously came before the full Board of Directors at the following public meetings:

- **January 25, 2017:** The north-east trailhead and connection between the Preserve and Lexington Reservoir County Park were approved by the Board as part of the larger Bear Creek Redwoods Preserve Plan ([R-17-15](#), [meeting minutes](#)).
- **May 22, 2019:** The Board approved the Award of Contract for Questa Engineering to design the Phase II Trails project on May 22, 2019 ([R-19-14](#), [meeting minutes](#)).
- **June 09, 2021:** The Board approved the design contract for BKF Engineers to provide construction documentation, bid support and construction administration services for the North-East Trailhead ([R-21-77](#), [meeting minutes](#)).
- **June 08, 2022:** The Board an FYI Memo on equestrian access at the Bear Creek Redwoods North-East Trailhead location ([FYI Memo](#)).

PUBLIC NOTICE

Public notice was provided as required by the Brown Act.

CEQA COMPLIANCE

Potential environmental impacts of the Bear Creek Redwoods North-East trailhead and trail connection improvements were analyzed in the Preserve Plan and associated EIR, which was certified by the Board on January 25, 2017 ([R-17-15](#), [meeting minutes](#)).

NEXT STEPS

Pending Board approval, the General Manager will authorize the BKF contract amendment to provide on-going Caltrans permit design support services to usher the project through the DEER process.

Attachments:

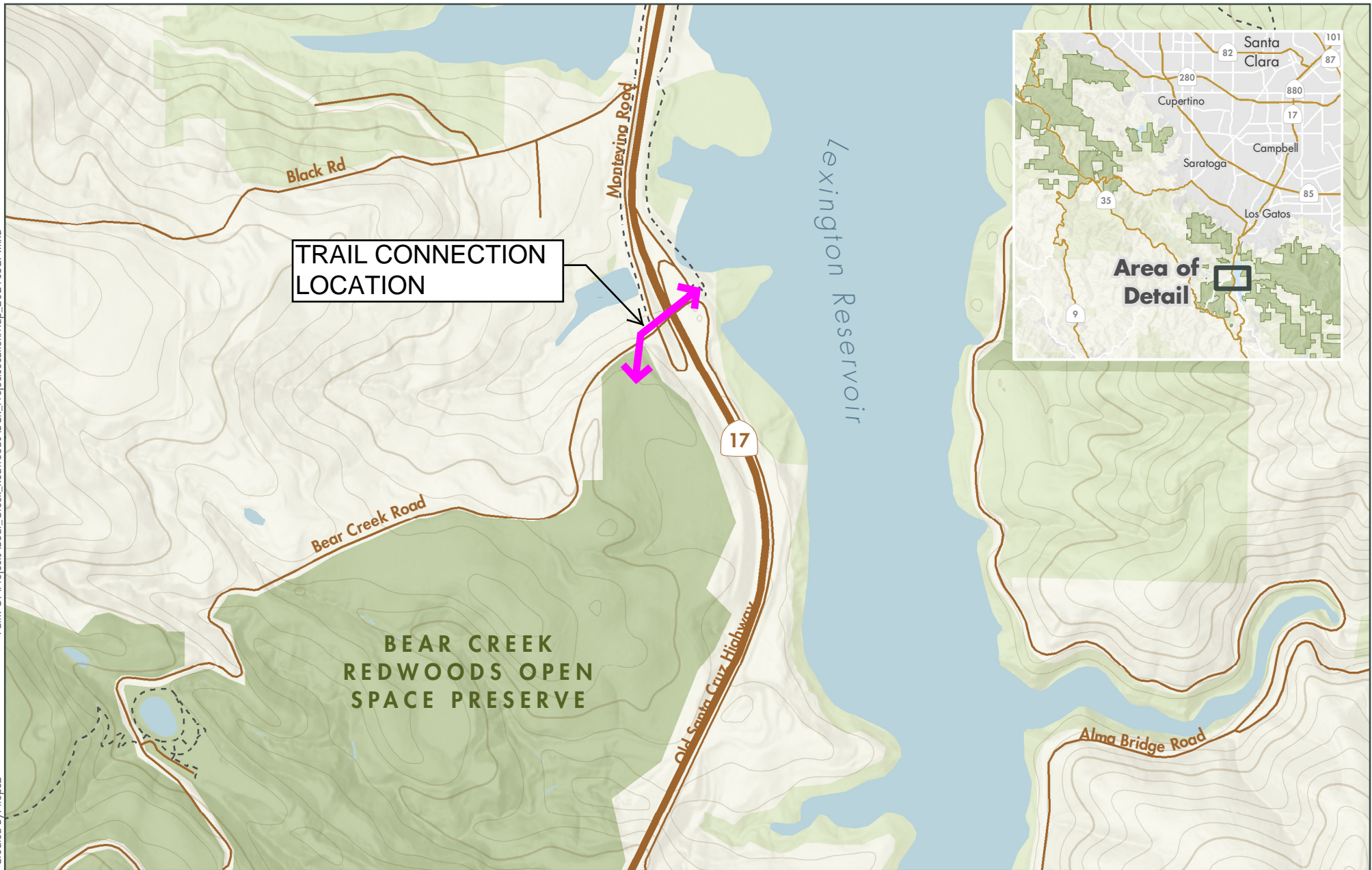
1. Project Location Map

Responsible Department Head:




Jason Lin, PE, Engineering and Construction Department Manager

Prepared by:

Scott Reeves, Senior Capital Project Manager, Engineering and Construction Department



Project Location Map

-  MROSD Preserves
-  Other Protected Lands
-  Private Property

Midpeninsula Regional
Open Space District
(Midpen)
5/27/2021



Feet
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