



Midpeninsula Regional  
Open Space District

R-17-17  
Meeting 17-04  
February 8, 2017

### AGENDA ITEM 3

#### AGENDA ITEM

Award of Contract with Waterways Consulting, Inc. for the preparation of construction documents, construction bid process support, and construction oversight for road infrastructure improvements to facilitate public access at Bear Creek Redwoods Open Space Preserve

#### GENERAL MANAGER'S RECOMMENDATION

Authorize the General Manager to enter into a multi-year professional services contract with Waterways Consulting, Inc. to prepare construction documents, support the construction bid process, and to provide technical construction oversight, including a 15% contingency of \$21,216 to cover potential unforeseen requirements, for necessary road upgrades to facilitate public access at Bear Creek Redwoods Open Space Preserve for a not-to-exceed total contract amount of \$162,651.

#### SUMMARY

A qualified consultant with experience in forest and ranch road upgrades is needed to complete construction documents, provide assistance to the District during the contractor bid process, and to provide construction oversight for implementation of necessary road and trail upgrades at Bear Creek Redwoods Open Space Preserve to support opening the Preserve to public access. Staff conducted two separate proposal solicitation processes to contract for services to complete all necessary actions to provide for the District's road and trail construction needs for Phase 1 of the Bear Creek Redwoods Preserve Plan. A single firm, Waterways Consulting, Inc. was the selected consultant from both solicitation processes, and therefore the General Manager recommends awarding a single contract to Waterways Consulting, Inc. for a total amount not-to-exceed \$162,651.

#### MEASURE AA

A 5-year Measure AA Project List was approved by the Board at their October 29, 2014 meeting and includes Project #21-05 (Bear Creek Redwoods Public Access Roads and Trails). This proposed contract serves the goals of Project #21-05 by completing necessary construction documents to be utilized for permits, construction bidding, construction by contractor, and to provide appropriate technical oversight of construction for successful project completion.

#### DISCUSSION

In December 2015, a Request for Proposals and Qualifications (RFPQ) was released to provide road and trail inventory, assessment, and design services for the District. A total of 8 proposals were received and a list of qualified firms was established for a period of four years.

In April 2016, the District initiated substantial effort aimed at opening Bear Creek Redwoods Open Space Preserve to public access. Included in this effort was a need for road and trail inventory related services. Waterways Construction Inc. (Waterways) was selected from the established pre-qualified list to complete a road and trail inventory for the roads and trails within the Phase 1 area of Preserve, located on the west side of Bear Creek Road (Attachment 1). In July 2016, Waterways successfully completed their inventory on time and within budget.

The 2016 Road and Trail Inventory (RTI) completed by Waterways included two components of work; 1) an inventory report with upgrade prescriptions for the road and trail network, and 2) focused geotechnical assessments and preliminary design work for specific locations on the road and trail network that required additional technical investigation and more specialized design. This work produced focused geotechnical reports, as well as substantial preliminary designs for these critical road and trail locations. The District now requires services to turn the RTI into construction documents that can be used for permitting, contractor bidding, and construction, and also to finalize the specialized preliminary design work completed to date for specific site locations. Staff initiated two approaches to expedite the selection of firms to complete this work:

1. Three firms were solicited from the established pre-qualification list for the preparation of construction documents based on the RTI to address the more standard, typical road and trail upgrades needed. One proposal from Waterways was received. The other two firms solicited (Timothy Best, CEG and Stillwater Sciences) declined to submit proposals. This is likely due to the substantial volume of work available given the booming construction climate and the compressed time frame to complete the work. Additionally, Waterways had already completed substantial field and technical work to complete the inventory and a new consultant would likely need to repeat some of this work, necessitating additional time and expense. The proposal was reviewed by staff from the Natural Resources and Engineering and Construction Departments. The proposal is acceptable based upon the work proposed and cost (\$87,680).
2. The second work component for the road and trail upgrades is to finalize the substantial preliminary design work that was completed with the RTI. This includes more specialized design for two new trail segments which will connect existing roads to provide public access, a road realignment, a retaining wall, and a containment structure for potential slide debris. Given the substantial preliminary design work already completed, staff determined that sole sourcing the completion of this focused work was justified. In essence, it would be difficult for another firm to pick up the technical work done by another licensed professional without having to spend additional time and money to essentially “catch up”. Staff therefore solicited an additional proposal from Waterways and reviewed and determined it to be reasonable to complete the work desired by the District at a fair price (\$53,755).

Both proposals include a required construction monitoring and oversight component which is necessary to see the road and trail construction phase through successful completion and is required by Santa Clara County Building permits.

Given that Waterways is the choice for completing all necessary actions to provide for the District’s road and trail construction needs for Phase 1 of the Bear Creek Redwoods Preserve Plan, staff has worked with Waterways to reduce costs where economies of scale could be

achieved, such as with combining inspections and fieldwork time. If approved by the Board, these two work items will be consolidated into a single one contract for services.

### **FISCAL IMPACT**

The District's FY2016-17 Budget and Action Plan includes \$368,200 in the Natural Resources Department budget for Bear Creek Redwoods Public Access Roads and Trails projects (MAA 21-005), which is sufficient to fund the scheduled work to occur in FY2017.

The proposed FY2018, budget will include funds for construction monitoring services associated with this multi-year contract.

	<b>FY2017</b>	<b>FY2018</b>
<b>MAA 21-005 Natural Resources Budget</b>	<b>\$368,200</b>	
Spent to date: (as of 1/26/17):	\$5,900	
Encumbrances:	\$0	
Waterways Consulting Contract	\$103,692	\$58,959
<b>Budget Remaining (Proposed)</b>	<b>\$258,608</b>	<b>\$58,959</b>

<b>MAA 21 Portfolio Allocation:</b>	<b>\$17,478,000</b>
Life-to-Date Spent:	\$548,649
Total Encumbrances:	\$258,789
FY 2016-17 BCR Projects Budget Balances*:	\$1,278,010
<b>Balance Remaining (Proposed):</b>	<b>\$15,392,552</b>

\*FY2017 BCR Project Budget balances (*less* the encumbrances and current expenditures).

### **BOARD COMMITTEE REVIEW**

The Bear Creek Redwoods Preserve Plan development process and adoption have included numerous Committee and Board reviews. The Phase I road and trail improvements have been presented and discussed within the Preserve Plan context, and were presented to the Board at the January 25, 2017 meeting (Report R-17-15) for approval of the Preserve Plan and adoption of the associated Final Environmental Impact Report.

### **PUBLIC NOTICE**

Public notice of this Agenda Item was provided as required by the Brown Act.

### **CEQA COMPLIANCE**

The Bear Creek Redwoods Public Access Road and Trail improvements are identified and included in the Draft and Final EIR completed for the Preserve Plan.

### **NEXT STEPS**

Upon Board authorization, the General Manager will direct staff to enter into contract with Waterways Consulting, Inc. to complete construction documents, provide bid assistance, and

provide construction observation and oversight for implementing Phase I of the proposed Bear Creek Redwoods Public Access Road and Trail improvements. These road and trail improvements are anticipated to be constructed in 2017 and 2018.

Attachment:

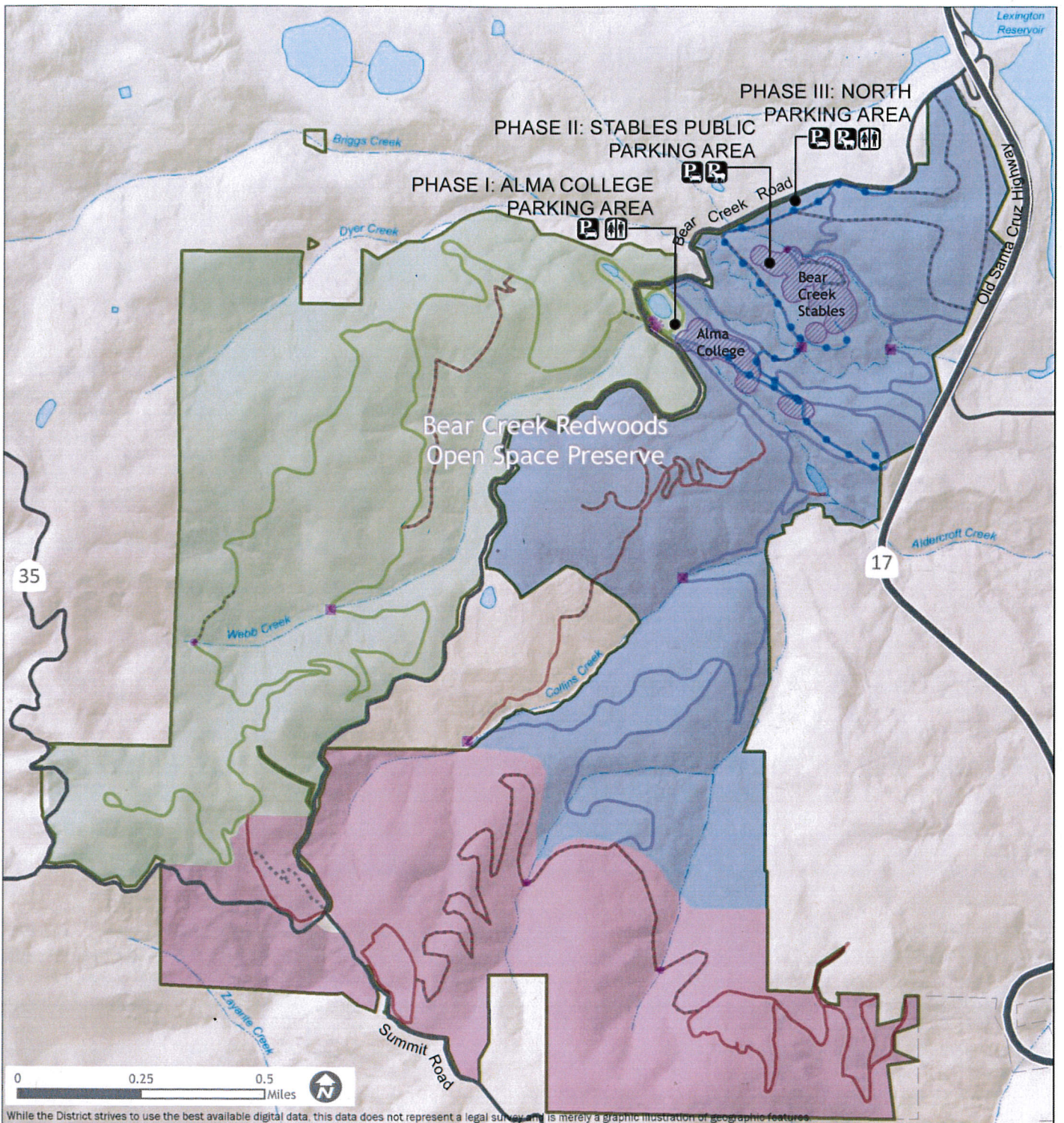
1. Map of Construction Phasing Areas from the Bear Creek Redwoods Preserve Plan DEIR, September 2016

Responsible Department Head:

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Prepared by:

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While the District strives to use the best available digital data, this data does not represent a legal survey and is merely a graphic illustration of geographic features.

**Public Access Phasing**

- Phase I 2016-2018
- Phase II 2019-2023
- Phase III 2024-2033

**Project Phasing**

- (Corresponds to Public Access Phasing Unless Indicated)
- Trail Open In Phase I
  - Trail Open In Phase II
  - Trail Open in Phase III
  - Construct New Bridge
  - Install Water Pipeline
  - Construct New Trail

Midpeninsula Regional  
Open Space District  
(MROSD)  
July 2016

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Source: MROSD 2016

**Exhibit 3-10**

**Construction Phasing**

