



Midpeninsula Regional
Open Space District

R-15-89
Meeting 15-16
June 24, 2015

AGENDA ITEM 3

AGENDA ITEM

Contract to Implement the Driscoll Ranch Roads Sediment Reduction and Pond Restoration Project at the La Honda Creek Open Space Preserve.

GENERAL MANAGER'S RECOMMENDATIONS *KSW (for SEA)*

1. Authorize the General Manager to enter into an agreement with Half Moon Bay Grading and Paving of Half Moon Bay, CA, for a total contract amount not to exceed \$613,566, which includes the project proposal amount of \$533,536 and a fifteen percent contingency amount of \$80,030, to implement the Driscoll Ranch Roads Sediment Reduction and Pond Restoration Project at the La Honda Creek Open Space Preserve.
2. Determine that the recommended action is consistent with the Mitigated Negative Declaration and Mitigation Monitoring Plan for Implementation of the La Honda Creek Master Plan, approved by the Board on August 22, 2012.

SUMMARY

The Request for Bids for the Driscoll Ranch Roads Sediment Reduction and Pond Restoration Project (Project) was released on May 20, 2015. Midpeninsula Regional Open Space District (District) completed the bid process on Wednesday June 17, 2015 with Half Moon Bay Grading and Paving as the apparent low bidder. This project was previously brought before the Board on May 14, 2014 (See R-14-77) to authorize the District to enter into a grant agreement through the Fisheries Restoration Grant Program with the California Department of Fish and Wildlife (CDFW) to help fund this important sediment reduction and habitat restoration work. The District has been awarded this grant, which will fund \$230,970 of the project construction costs. Upon implementation, the project will involve sediment and erosion control on 4.68 miles of rural ranch road at the La Honda Creek Open Space Preserve (See Attachment 1, Project Maps). Road upgrades will occur on 3.68 miles of road, and formal road abandonment will occur on 1.0 miles of road. Additionally, 4,400 linear feet of aging waterline embedded in the road will be replaced and 1 stock pond will be repaired as a component of the project because the failed berm is used to access a portion of the project sites (See R-15-66).

MEASURE AA

The 5-year Measure AA Project List was approved by the Board at the October 29, 2014 meeting. This project is a component of Measure AA Project 7-2: Fisheries Restoration, which is

part of the larger La Honda Creek MAA Portfolio Number 7, Driscoll Ranch Public Access, Endangered Wildlife Protection and Conservation Grazing.

DISCUSSION

Background

The District acquired the Driscoll Ranch portion of the La Honda Creek Open Space Preserve (Preserve) in 2006. The existing road network on this portion of the preserve was created as a result of the more than 100 year ranching history as well as to provide access to the former La Honda oil field that was located on a portion of the property. Unfortunately, the road network has been minimally maintained, resulting in erosion and sediment delivery to the surrounding creeks.

This grant funded project targets a reduction in sediment input from the rural road sources within the Harrington, Bogess and La Honda Creek drainages, which are all tributaries to San Gregorio Creek (see attached watershed map). San Gregorio Creek is a sediment impaired watershed that is habitat for two federal and state endangered fish species: Coho salmon and steelhead. Sediment is a known limiting factor for these species as it impacts their ability to breed and thrive within a stream. In 2012, the National Marine Fisheries Service (NMFS) issued the Central California Coast Coho Recovery plan and identified core areas (those with highest priority for immediate action) within the San Gregorio Creek Watershed. A presentation of this fisheries plan and the core areas within the District was presented to the Board on October 24, 2012 (R-12-105). This grant funded project is located within these core areas.

Once implemented, this project is anticipated to permanently prevent 3,435 cubic yards of sediment from the deteriorating ranch roads from reaching anadromous streams within the sediment impaired San Gregorio Creek watershed. The project has been designed by a Certified Engineering Geologist (Timothy Best), and a civil engineering firm (Haro, Kasunich and Associates, Inc.) and uses best management practices for road maintenance, management and decommissioning available. Previously in 2011, the District successfully worked under this same grant program to implement the Big Dipper Ranch Roads project in the Skyline Ridge Open Space Preserve within the Pescadero Creek watershed (also impacted by sedimentation and a priority for restoration). That project had similar objectives and was implemented successfully by contractors under the supervision of District staff.

Contractor Selection

The bid package was sent to eleven (11) contractors as well as released to five (5) builders’ exchanges. A legal notice was also posted in the San Mateo County Times and San Jose Mercury News, and an Invitation to Bid was posted on the District website. A pre-bid meeting was held on June 3, 2015. Nine contractors attended the pre-bid tour.

Sealed bids were due on Wednesday June 17, 2015, and five bids were received as shown below:

Bidder	Location	Base Bid	Percent Difference from Base Bid Estimate of \$455,000
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1.	Half Moon Bay Grading and Paving	Half Moon Bay, CA	\$533,536	+17%
2.	TKO General Engineering and Construction, Inc.	Woodside, CA	\$646,416	+42%
3.	Gradetech Inc.	San Ramon, CA	\$691,360	+52%
4.	Redwood Engineering	Redwood City, CA	\$703,000	+55%
5.	Tucker Engineering	Campbell, CA	\$1,716,900	+277%

Evaluation of the bids revealed that the apparent low bidder, Half Moon Bay Grading and Paving presented a complete and responsive bid package. Therefore, staff recommends awarding the contract for implementation of the Driscoll Ranch Roads Sediment Reduction and Pond Restoration project to Half Moon Bay Grading and Paving for a total not-to-exceed amount of \$533,536. In addition, due to the complexity and multiple sites within the project, staff is recommending the Board authorize a 15% contingency amount of \$80,030.

The contingency will not be included in the contract at this time, but will be authorized through change orders or contract amendments as warranted for any unanticipated conditions encountered. Contingency costs, if approved, could include items such as: additional grading, excavation, and compaction to implement the project safely due to site conditions, installation of additional erosion control features when warranted by site conditions (additional reverse grade dips, ditch relief culverts, digging out a longer section of roadside ditch, rocking additional portions of road), or soil over excavation and re-compaction within the pond basin and/or expansion of the existing toe drain to adequately convey water, or installation of additional cattle fencing to keep cattle off of newly reconstructed culvert inlets, ditches, cutbanks, or restored road sections.

As currently designed, the project provides for high quality work at a cost that is competitive for grant funding. However additional work at some sites may be requested by the District to minimize future maintenance, increase the longevity of the anticipated repairs and to ensure road upgrades will also prepare the road for future public access as well as to meet sediment reduction goals.

FISCAL IMPACT

Award of contract will result in a not-to-exceed contract amount of \$533,536 being awarded to Half Moon Bay Grading and Paving for the Project. Additionally, a contingency amount of \$80,030 is also being approved should unanticipated conditions arise during the construction of the project. Therefore, the total potential construction cost for this project could total \$613,566. This amount is greater than the \$503,000 budgeted in the Natural Resources Department for these partially grant funded road work. The additional funds required to cover these construction expenses would come from reallocating capital project budget funds from the MAA 5-2: Upper La Honda Creek Grazing Infrastructure Project which is being delayed due to the continued drought conditions on the McDonald Ranch, reducing the amount of available water for livestock grazing and the need for additional pasture land this year. Additionally, \$22,000 of project expenses are to replace a deteriorating waterline embedded in one of the roadways to be regraded

during project construction. Funds for this line item were included in the FY2015/16 Real Property Department Budget, which was approved by the Board on March 26, 2015.

It should also be noted that the engineer's estimate for construction of this project was \$380,000; however the actual bid for construction was \$533,536. Unanticipated expenditures not originally included in the project budget consist of: trucking in of water to achieve required soil compaction (due to onsite water being reserved for tenant use during the fourth year of a drought), as well as the need to repair an additional pond berm to access some of the grant funded project sites. These two items alone account for an increase in \$85,000 of the base bid costs. The remainder of the difference (\$68,536) is a result in higher than anticipated construction costs for this project, likely accounted for due to an increase in overall construction costs since 2012. The engineer's estimate was completed in 2012 to apply for grant funding through the California Department of Fish and Wildlife, Fisheries Restoration Grant Program. Although unsuccessful in 2013, the District reapplied and was awarded grant funding through 2014 of \$230,970.

The District funded amount for construction of this project without contingencies is \$302,566 (57%), and the grant funded portion of the project is \$230,970 (43%). Any project expenses incurred for contingency measures would be fully paid by the District, potentially raising the District funded portion of the project to 62%, and reducing the grant funded portion of the project to 38%. A majority of the District funding will be paid using Measure AA bond funds.

BOARD COMMITTEE REVIEW

The full Board authorized the District to enter into a grant agreement with the California Department of Fish and Wildlife (CDFW), Fisheries Restoration Grant Program in 2012. Due to the full Board's review, separate Board Committee review was not necessary for this contract award.

PUBLIC NOTICE

Public notice for the award of bid was provided as required by the Brown Act. No additional notice is required.

CEQA COMPLIANCE

Awarding the bid and issuing a contract agreement for construction services for implementation of the Driscoll Ranch Roads Sediment Reduction and Pond Restoration Project is consistent with the Mitigated Negative Declaration and Mitigation Monitoring Plan for Implementation of the La Honda Creek Master Plan, approved by the Board on August 22, 2012 (see Report R-12-83). No negative environmental impacts are anticipated from this project beyond what was analyzed in the MND/MMP.

NEXT STEPS

If approved by the Board, the General Manager will enter into a contract with Half Moon Bay Grading and Paving for implementation of the Driscoll Ranch Roads Sediment Reduction and Pond Restoration Project at the La Honda Creek Open Space Preserve. Final contract signature

is subject to meeting all District requirements, such as having all required insurance and bonding in place. Project construction is scheduled to begin in July and will be completed by October of 2015.

Attachments:

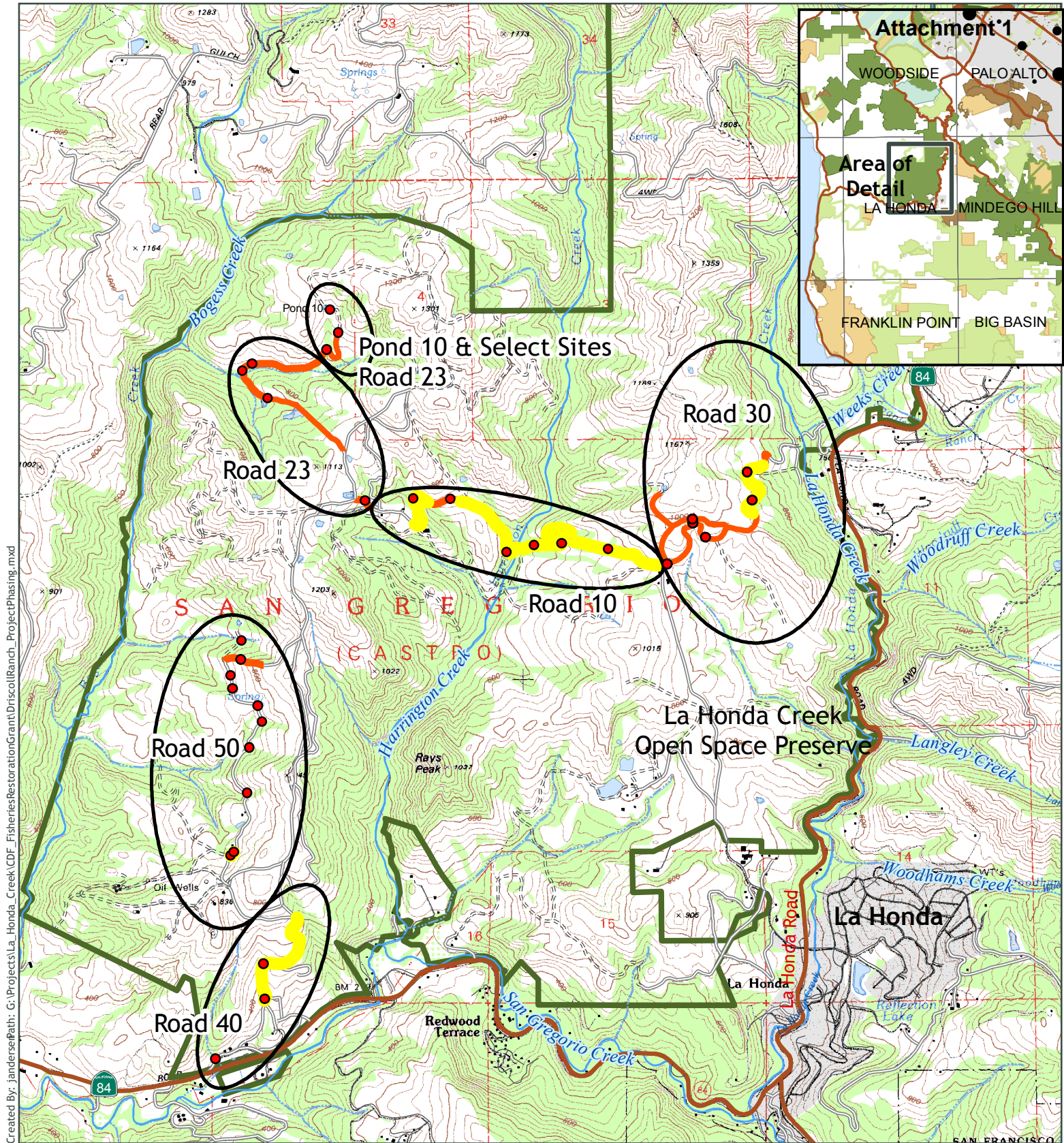
1. Project Maps

Responsible Department Manager:

Kirk Lenington, Natural Resources Manager

Prepared by:

Julie Andersen, Planner II



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Project Phasing

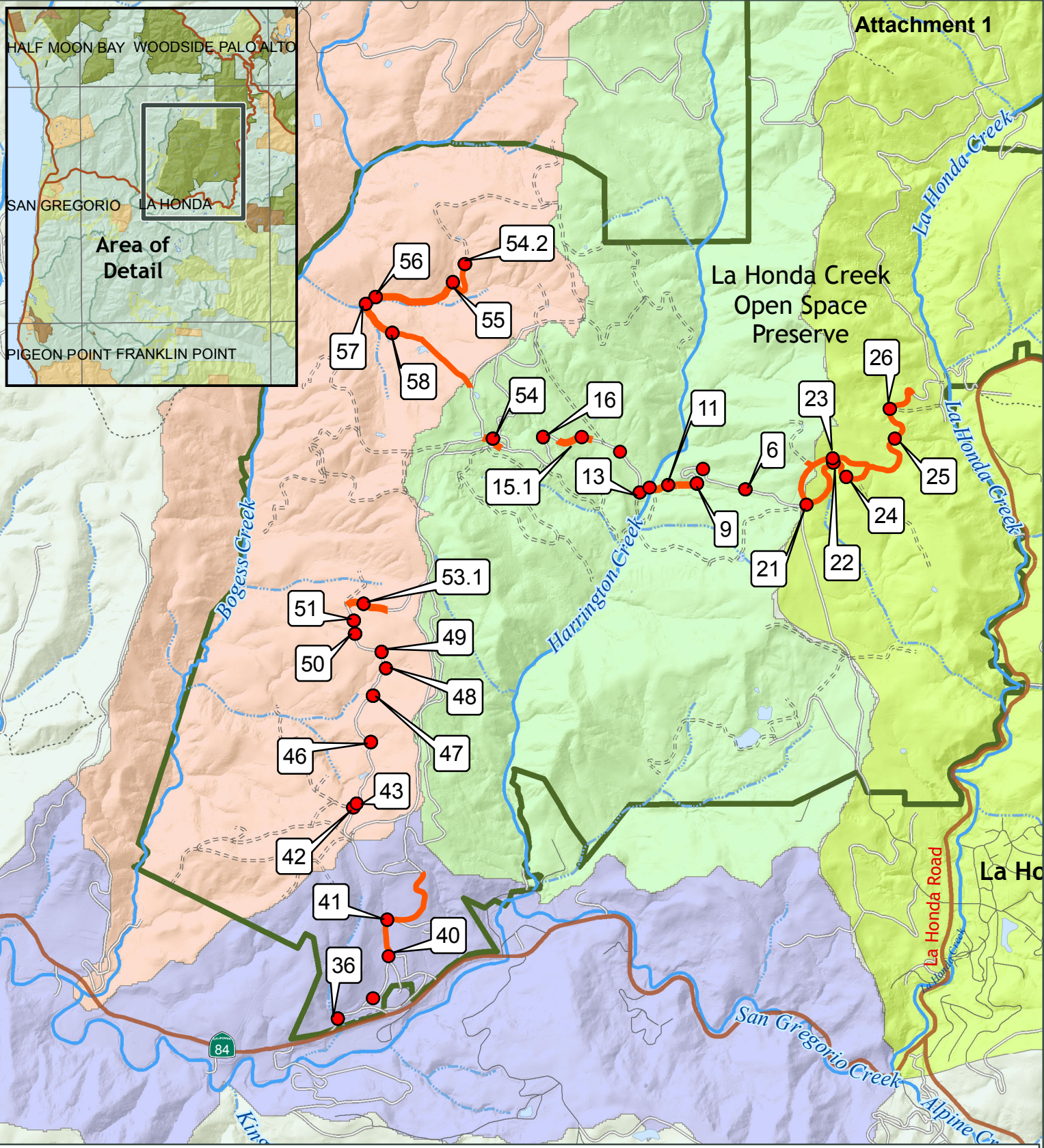
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|---|------------------------|---|-----------------------------|--|---------------|
|  | Project Sites |  | Minor Unpaved Road |  | Project Phase |
|  | Linear Project Sites |  | Seasonal Unpaved Ranch Road | | |
|  | Strategic Road Rocking |  | Minor Paved Road | | |
|  | MROSD Preserve |  | Major Road | | |
| | | | | | |

Midpeninsula Regional
Open Space District
(MROSD)



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May, 2015

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.



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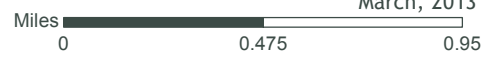
Subwatersheds

- Project Sites
- Linear Project Sites
- MROSD Preserve

Subwatersheds

- Bogess Creek
- Harrington Creek
- San Gregorio Creek
- La Honda Creek

Midpeninsula Regional
Open Space District
(MROSD)



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