

July 2022

Date: 6/28/2022

Requested by: Taylor Berryman tberryman@santabarbaraca.gov

Address: 630 Garden St., Santa Barbara, CA 93101

Location of Tree: 3700 block of Modoc Road to SB County line.

Tree Species: (34) various species **Common Name:** various species

Requested Reason for Removal: Allow for a multiuse path (MUP), the Modoc MUP Extension Project (Project). The Public Works' Project will tie into the recently completed Las Positas and Modoc MUP. The County of SB is beginning the adjacent construction of a MUP along Modoc up to the County line.

Current designated Street Tree: *Quercus tomentella*, Island Oak (February 28, 2018) (Project - Las Positas Multi-modal Path).

Advisory Committee Recommendation: Approve Removal: Deny Removal:

Staff Recommendation: Approve Removal: Deny Removal: N/A

Date Posted: 7/13/2022

Comments: The Committee recommends (3/0) that the Commission approve the removals and replacements as proposed.

PHOTO INVENTORY



Street Tree Removal Application

Please download and save this form, then fill it out and email it to NSlack@SantaBarbaraCA.gov. Please also email in any supplemental information you have, or let us know in your email that you will mail or hand deliver your supplemental information. This form may also be printed out and mailed.

APPLICANT/OWNER DETAILS

YOUR LAST NAME

YOUR FIRST NAME

DATE OF APPLICATION (TODAY'S DATE)

ADJACENT OWNER'S FULL NAME (IF DIFFERENT THAN APPLICANT)

YOUR MAILING ADDRESS

CITY

STATE

ZIP CODE

DAYTIME PHONE

EMAIL ADDRESS

TREE INFORMATION

NUMBER OF TREES

LOCATION OF TREE(S)

SPECIES OF TREE(S), IF KNOWN

REASONS FOR REMOVAL

WILL YOU REPLACE THE TREE(S)? YES NO

IF YES, WHAT WILL YOU REPLACE THE TREE(S) WITH?

APPLICATION FEE

The application fee is \$75; we accept cash, check, or credit card. If paying by credit card, staff will contact you to arrange payment.

PLEASE PROVIDE THE FOLLOWING SUPPLEMENTAL INFORMATION:

- Property owner letter, indicating reasons for removal. Also include:
 - Whether or not the removal application is associated with new development or redevelopment of property
 - Status of development application, including whether the project is scheduled for review by the Single Family Design Board, Architectural Board of Review, or Historic Landmarks Commission
 - Whether or not the tree is a designated Specimen or Historic Tree
- Photo of tree(s) proposed for removal
- Development plan/landscape plan



Rincon Consultants, Inc.

209 East Victoria Street
Santa Barbara, California 93101

805 319 4092

info@rinconconsultants.com
www.rinconconsultants.com

June 28, 2022
Project No: 21-11602

Taylor Berryman
City of Santa Barbara Public Works Department
630 Garden Street
Santa Barbara, California 91102
Via email: tberryman@SantaBarbaraCA.gov

**Subject: Street Tree Advisory Committee Memo for the Modoc Road Multiuse Path Extension Project
Santa Barbara, CA 93101**

Dear Mr. Berryman:

Rincon Consultants, Inc. (Rincon) prepared this memorandum for the City of Santa Barbara (City) Street Tree Advisory Committee for the Modoc Road Multiuse Pathway Extension Project (Project) located in the City. This memorandum provides a summary of trees that have been identified along the Project that will be removed during construction.

Project Description

The Project will tie into the recently completed Las Positas and Modoc Roads Multiuse Pathway Project (LPM Project) to the southeast and the planned multiuse pathway to be built by the County of Santa Barbara (County) to the northwest. The connection will begin at the intersection of Calle De Los Amigos and Modoc Road and go north on the westerly side of Modoc Road for approximately 0.10-mile to the City/County limit line. The path width will range from 10 to 12 feet depending on site constraints. The multiuse path will be separated from the road by a landscape buffer. The Project area extends approximately 17 feet west (12 feet of path and 5 feet of landscape buffer) of the existing curb from Calle de Los Amigos (at the end of the LPM Project) up to the edge of the existing guardrail. The Project then extends approximately 12 feet east toward the railroad. The Project will involve grading within paved areas and disturbed road shoulders, installation of permeable and impervious asphalt and compacted road base paths, and re-vegetation and planting of temporarily disturbed areas.

Regulatory Context

The City's Street Tree Ordinance (Municipal Code Chapter 15.20) requires a permit for planting, maintaining, or removing any tree planted in a parkway strip, tree well, public area, or street right-of-way. The Street Tree Ordinance does not define sizes for protected trees.

The Tree Preservation Ordinance (Municipal Code Chapter 15.24) requires a permit for removing or significantly altering a setback tree, parking lot tree, tree on an approved plan, or a tree designated as a historic or specimen tree by the City Council. The Tree Preservation Ordinance does not require a permit for the following circumstances:



- Removal of trees whose main trunk is less than 4 inches in diameter at 4 feet 6 inches above the highest natural grade adjacent to the trunk
- The tree is diseased and the condition is a source of present danger to healthy trees
- The tree poses imminent danger to persons or property
- The tree is dead
- The Fire Department has ordered the tree to be removed for defensible space

Rincon understands that the trees within the Project site generally qualify as trees planted in a parkway strip or street right-of-way and should be treated as street trees based on prior discussions with the City Arborist, Nathan Slack. As such, these trees are subject to the City's Municipal Code Chapter 15.20. Chapter 15.20 defines a tree as a "tall, woody plant, distinguished from a shrub by having comparatively greater height and, characteristically, a single trunk rather than several stems".

Tree Survey Methods

A tree survey was conducted by Rincon International Society of Arboriculture (ISA) Certified Arborist, Yuling Huo (#WE-11975A), and biologist, Katherine Christensen, on September 21, 2021, to identify street trees located within and directly adjacent to the Project footprint. Tree locations were based on survey grade points provided by the City. For some trees, the City did not provide a survey grade point; therefore, the locations of these trees were recorded by Rincon using a Geode global positioning system (GPS) device. Native trees with at least one trunk greater than 6 inches in diameter at breast height (DBH) and non-native trees greater than 4 inches in DBH were assigned unique identification numbers and tagged with corresponding metal tags. DBH was collected for these trees measured at 4.5 feet above natural grade, as well as the critical root zone (CRZ). For the purposes of this report, CRZ is defined as the circumference around a tree where the majority of the tree's roots are expected to occur. The CRZ radius (in feet) is equivalent to 1 foot per 1 inch of trunk DBH. For multi-stemmed trees, the CRZ radius is calculated by taking the square root of the sum of the squares of each stem. Smaller trees (native trees less than 4 inches in DBH and non-native trees less than 6 inches in DBH) were identified by species, but DBH was not collected.

Saplings under 2 inches in DBH were excluded from the survey as they are growing in an area that does not appear to be maintained and are growing in the understory of dense, mature trees that suppress the growth rate of the saplings.

Street Tree Removal and Replacement

Thirty-four street trees were identified as requiring removal as shown in Figure 1 – Project Area and Street Tree Removal Locations and summarized in Appendix A – Street Tree Removal Matrix. Photographs of the trees are provided in Appendix B. The trees are in landscaped road shoulders within City right-of-way, adjacent to private residences west of Modoc Road and adjacent to the railroad east of Modoc Road. These trees do not appear to be regularly maintained.

Trees that would be removed will be replaced at a ratio of 1:1 with 15-gallon island oak (*Quercus tomentella*) trees, consistent with City requirements. A total of 34 island oaks will be planted. It is Rincon's understanding Island oaks are the City approved tree for street tree planting. A summary of



anticipated tree replacements is provided in Table 1. Replacement tree locations are shown in Appendix C – Replacement Tree Planting Locations provided by the City.

Replacement trees will be monitored and maintained by the City’s Public Works Department for no less than two years following installation to help ensure survival of the trees.

Table 1 Tree Replacement Summary

Species	Size	# of Replacement Trees	Approved Street Tree
Island oak	15-gallon	34	Yes
Total	15-gallon	34	Yes

Sincerely,
Rincon Consultants, Inc.

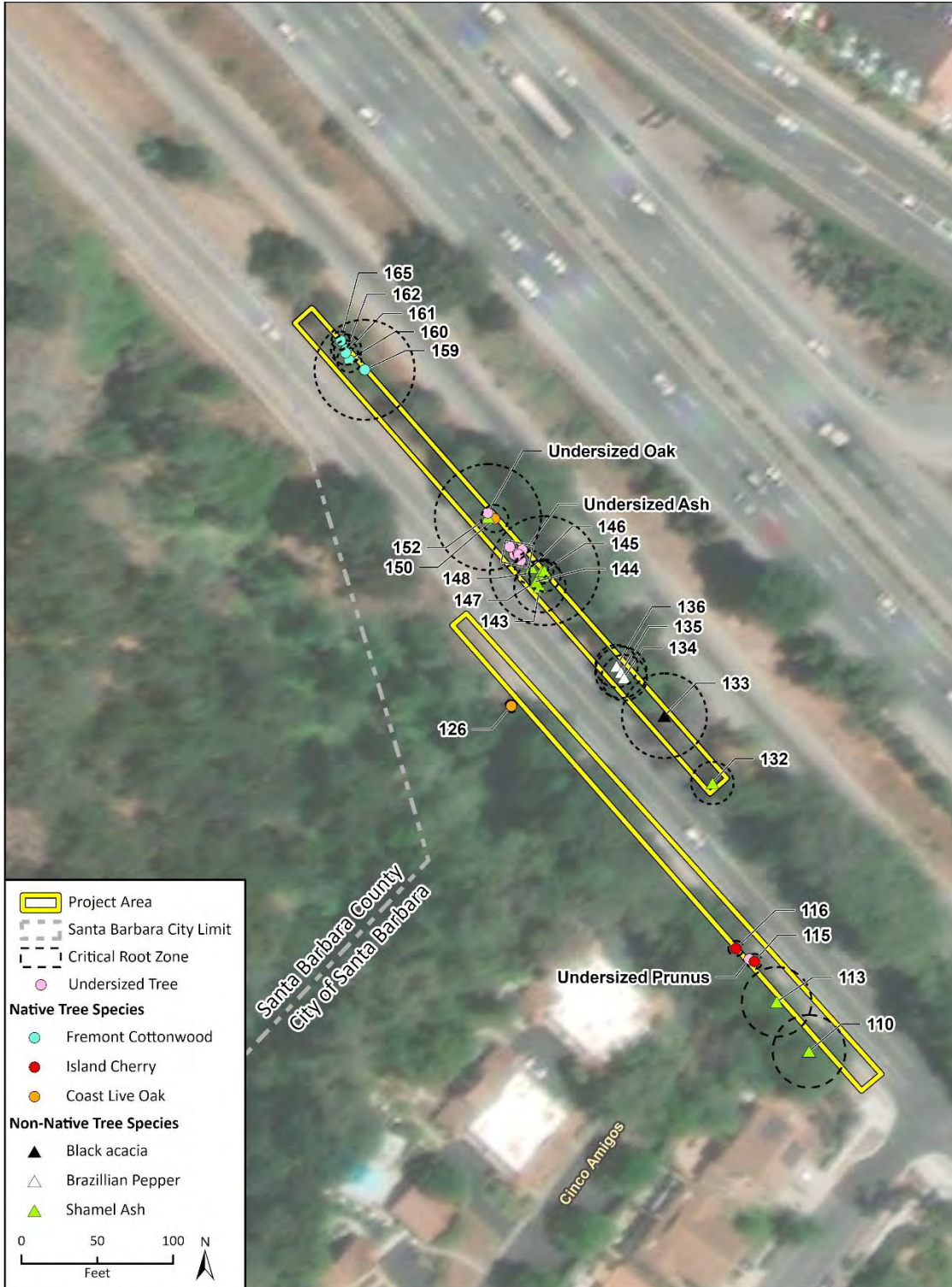
Yuling Huo, ISA Certified Arborist #WE-11975A
Biologist

Eric Schaad
Supervising Biologist / Project Environmental
Coordinator

Attachments

- Figure 1 Project Area and Proposed Street Tree Removal Locations
- Appendix A Street Tree Removal Table
- Appendix B Photographs
- Appendix C Replacement Tree Planting Locations

Figure 1 Project Area and Street Tree Removal Locations



Imagery provided by ESRI and its licensors © 2022.
 Additional data provided by County of Santa Barbara, 2021.

Tree ID #	Common Name	Scientific Name	DBH(s) (inches) ¹	CRZ Radius (feet) ²	Native/Non-Native
110	shamel ash	<i>Fraxinus udhei</i>	24	24	Non-Native
113	shamel ash	<i>Fraxinus udhei</i>	23	23	Non-Native
115	island cherry	<i>Prunus ilicifolia</i> ssp. <i>lyonii</i>	1 5	5	Native
116	island cherry	<i>Prunus ilicifolia</i> ssp. <i>lyonii</i>	5	5	Native
126	coast live oak	<i>Quercus agrifolia</i>	4	4	Native
132	shamel ash	<i>Fraxinus uhdei</i>	14	14	Non-Native
133	Black acacia	<i>Acacia mearnsii</i>	28	28	Non-Native
134	Brazilian pepper	<i>Schinus terebinthifolia</i>	11 8 5	15	Non-Native
135	Brazilian pepper	<i>Schinus terebinthifolia</i>	14 10	17	Non-Native
136	Brazilian pepper	<i>Schinus terebinthifolia</i>	10 9 1.5 2 1.5 1 1	14	Non-Native
143	shamel ash	<i>Fraxinus uhdei</i>	17	17	Non-Native
144	shamel ash	<i>Fraxinus uhdei</i>	6.5	6.5	Non-Native
145	shamel ash	<i>Fraxinus uhdei</i>	11 24 25	36	Non-Native
146	shamel ash	<i>Fraxinus uhdei</i>	6 9	11	Non-Native
147	shamel ash	<i>Fraxinus uhdei</i>	10.5	10.5	Non-Native
148	shamel ash	<i>Fraxinus uhdei</i>	8	8	Non-Native
150	coast live oak	<i>Quercus agrifolia</i>	6 5 5	9	
152	shamel ash	<i>Fraxinus uhdei</i>	30 18	35	Non-Native
159	Fremont cottonwood	<i>Populus fremontii</i>	10 10 30	33	Native
160	Fremont cottonwood	<i>Populus fremontii</i>	7 4	8	Native
161	Fremont cottonwood	<i>Populus fremontii</i>	8	8	Native
162	Fremont cottonwood	<i>Populus fremontii</i>	9 5	10	Native
165	Fremont cottonwood	<i>Populus fremontii</i>	6	6	Native
	shamel ash	<i>Fraxinus uhdei</i>	<6	N/A	Non-Native
	shamel ash	<i>Fraxinus uhdei</i>	<6	N/A	Non-Native
	shamel ash	<i>Fraxinus uhdei</i>	<6	N/A	Non-Native
	shamel ash	<i>Fraxinus uhdei</i>	<6	N/A	Non-Native
	shamel ash	<i>Fraxinus uhdei</i>	<6	N/A	Non-Native
	shamel ash	<i>Fraxinus uhdei</i>	<6	N/A	Non-Native
	shamel ash	<i>Fraxinus uhdei</i>	<6	N/A	Non-Native
	shamel ash	<i>Fraxinus uhdei</i>	<6	N/A	Non-Native
	shamel ash	<i>Fraxinus uhdei</i>	<6	N/A	Non-Native
	island cherry	<i>Prunus ilicifolia</i> ssp. <i>Lyonia</i>	<4	N/A	Native
	coast live oak	<i>Quercus agrifolia</i>	<4	N/A	Native
Total Trees Proposed for Removal					34

¹ DBH is the diameter at 4.5 feet above natural grade.

² CRZ radius is equal to 1 foot per 1-inch DBH of the tree. For multi-stemmed trees, the CRZ radius is calculated by taking the square root of the sum of the squares of each stem.

³ Tree locations were based on survey grade points provided by the City. For some trees, the City did not provide a survey grade point and as such the point was recorded by Rincon using a Geode global positioning system (GPS) device.



Photograph 1. Tree #110 Shamel ash (*Fraxinus udhei*)



Photograph 2. Tree #113 Shamel ash (*Fraxinus udhei*)



Photograph 3. Tree #115 Island cherry (*Prunus ilicifolia* spp. *lyonii*)



Photograph 4. Tree #116 Island cherry (*Prunus ilicifolia* spp. *lyonii*)



Photograph 5. Tree #126 Coast live oak (*Quercus agrifolia*)



Photograph 6. Tree #132 Shamel ash (*Fraxinus udhei*)



Photograph 7. Tree #133 Black acacia (*Acacia mearnsii*)



Photograph 8. Tree #134 Brazillian pepper (*Schinus terebinthifolia*)



Photograph 9. Tree #135 Brazillian pepper (*Schinus terebinthifolia*)



Photograph 10. Tree #136 Brazillian pepper (*Schinus terebinthifolia*)



Photograph 11. Tree #143 Shamel ash (*Fraxinus udhei*)



Photograph 12. Tree #144 Shamel ash (*Fraxinus udhei*)



Photograph 13. Tree #145 Shamel ash (*Fraxinus udhei*)



Photograph 14. Tree #146 Shamel ash (*Fraxinus udhei*)



Photograph 15. Tree #147 Shamel ash (*Fraxinus udhei*)



Photograph 16. Tree #148 Shamel ash (*Fraxinus udhei*)



Photograph 17. Tree #150 Coast live oak (*Quercus agrifolia*)



Photograph 18. Tree #152 Shamel ash (*Fraxinus udhei*)



Photograph 19. Tree #159 Fremont cottonwood (*Populus fremontii*)



Photograph 20. Tree #160 Fremont cottonwood (*Populus fremontii*)



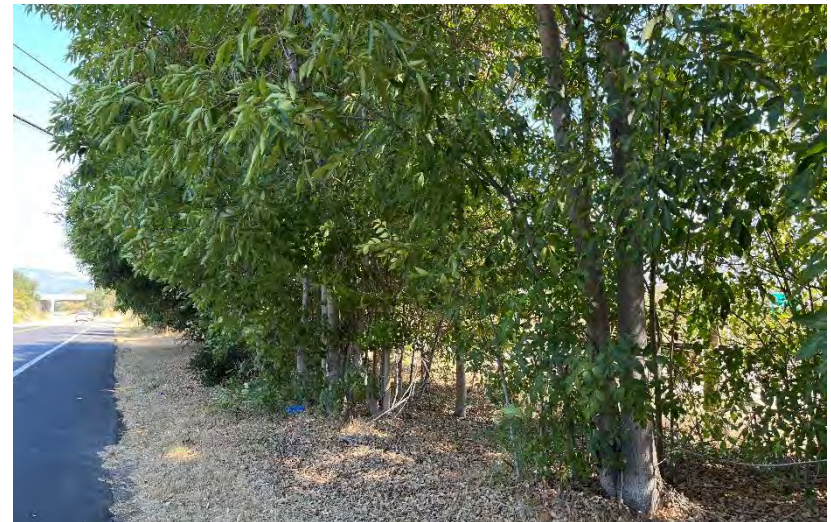
Photograph 21. Tree #161 Fremont cottonwood (*Populus fremontii*)



Photograph 22. Tree #162 Fremont cottonwood (*Populus fremontii*)



Photograph 23. Tree #165 Fremont cottonwood (*Populus fremontii*)



Photograph 24. Small Shamel ash (*Fraxinus udhei*) east of Modoc Road.



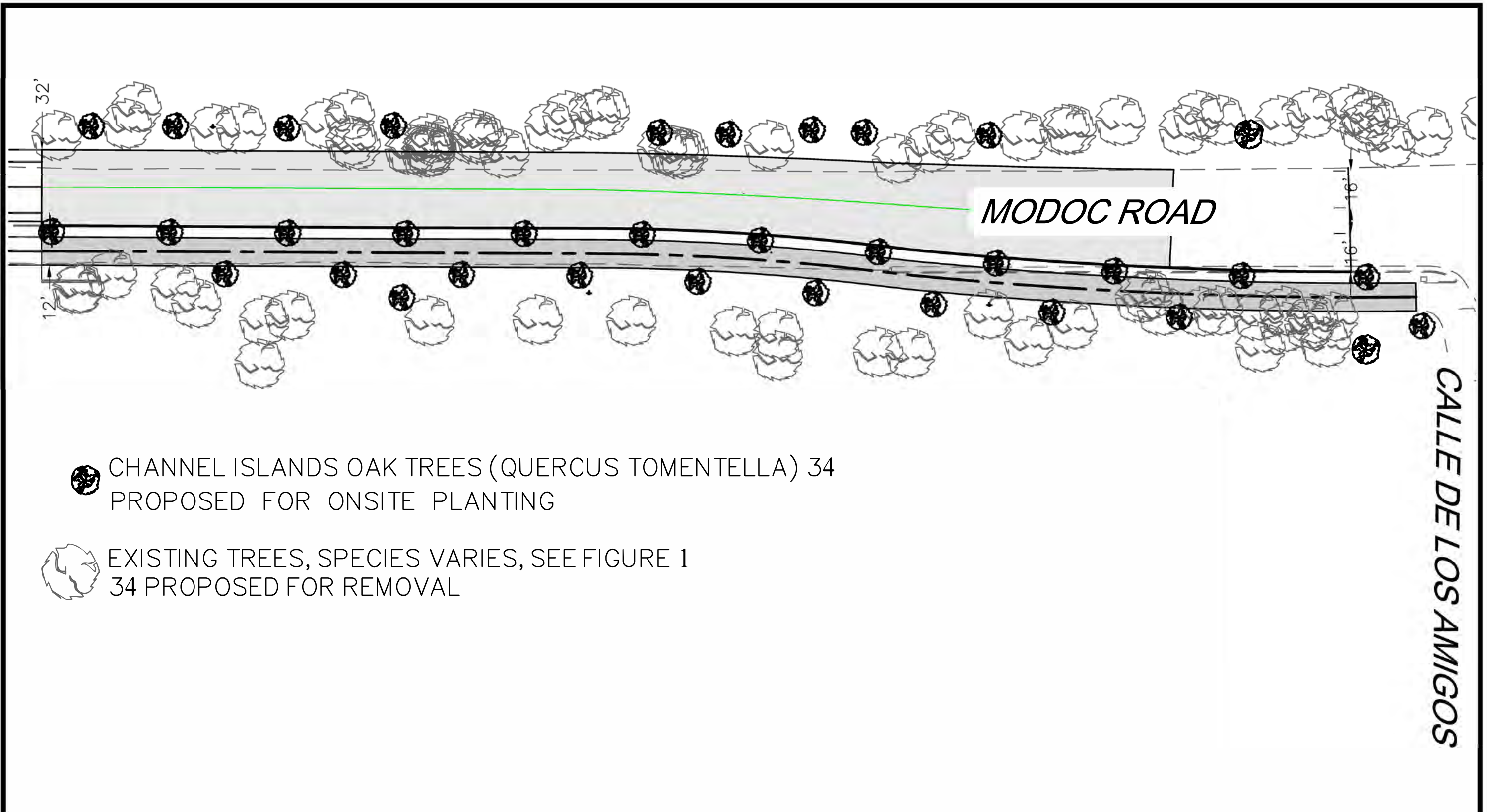
Photograph 25. Small island oak (*Prunus ilicifolia*) east of Modoc Road.



Photograph 26. Small coast live oak (*Quercus agrifolia*) west of Modoc Road.



Photograph 27. Small island oak (*Prunus ilicifolia*) west of Modoc Road.



● CHANNEL ISLANDS OAK TREES (QUERCUS TOMENTELLA) 34
 PROPOSED FOR ONSITE PLANTING

🌳 EXISTING TREES, SPECIES VARIES, SEE FIGURE 1
 34 PROPOSED FOR REMOVAL

MODOC MULTIUSE PATH EXTENSION PROJECT
 STREET TREE ADVISORY COMMITTEE MEMO—APPENDIX C
 QUERCUS TOMENTELLA POTENTIAL PLANTING LOCATIONS

DATE	6/28/22
DRAWN	TB
BID NO.	XXXX
SCALE	1" = 40'
SHEET	1 OF 1