



# AGENDA

## Measure M2 Environmental Oversight Committee

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### **Committee Members**

*Lisa Bartlett, Chair*  
*Melanie Schlotterbeck, Vice Chair*  
*Chris Flynn, Caltrans*  
*Brian Goodell, OCTA Board of Directors*  
*Veronica Li, US Army Corps of Engineers*  
*David Mayer, CA Dept. of Fish & Wildlife*  
*Derek McGregor, DMc Engineering*  
*Dr. Pauline Merry, Taxpayers Oversight  
Committee Representative*  
*Bev Perry, Civic Engagement Consultant*  
*Dan Silver Endangered Habitats League*  
*Jonathan Snyder, US Fish and Wildlife  
Service*  
*John Walsh, CA Wildlife Conservation  
Board*

*Orange County Transportation Authority  
Conference Room 07  
550 South Main Street  
Orange, CA*

**Wednesday, February 3, 2021 at 2:30 p.m.**

### **Guidance for Public Access to the Environmental Oversight Committee Meeting**

Governor Gavin Newsom enacted Executive Orders N-25-20 and N-29-20 authorizing a local legislative body to hold public meetings via teleconferencing and make public meetings accessible telephonically or electronically to all members of the public to promote social distancing due to the state and local State of Emergency resulting from the threat of Novel Coronavirus (COVID-19).

In accordance with Executive Order N-29-20, and in order to ensure the safety of the Orange County Transportation Authority (OCTA) Environmental Oversight Committee (EOC) Members and staff and for the purposes of limiting the risk of COVID-19, in-person public participation at public meetings of the OCTA will not be allowed during the time period covered by the above-referenced Executive Orders.

Instead, members of the public can listen to AUDIO live streaming of the EOC meeting by clicking the below link:

<https://www.youtube.com/channel/UC7z2Ghxg0401t3s5DM9GBng>

Public comments may be submitted by emailing them to [publiccomments@octa.net](mailto:publiccomments@octa.net).

If you wish to comment on a specific agenda Item, please identify the Item number in your email. All public comments that are timely received will be part of the public record and distributed to the EOC. Public comments will be made available to the public upon request.

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# AGENDA

## Measure M2 Environmental Oversight Committee

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In order to ensure that staff has the ability to provide comments to the EOC Members in a timely manner, **please submit your public comments 30 minutes prior to the start time of the EOC meeting date.**

1. **Welcome**
2. **Pledge of Allegiance**
3. **Approval of August 5, 2020 Minutes**
4. **Environmental Mitigation Program Endowment Fund Investment Report**  
Dan Phu and Robert Davis, OCTA

*The Orange County Transportation Authority has developed a Natural Community Conservation Plan/Habitat Conservation Plan; acquired conservation properties; and funded habitat restoration projects to mitigate the impacts of Measure M2 freeway projects. California Community Foundation manages the non-wasting endowment required to pay for the long-term management of the conservation properties. Each quarter, the California Community Foundation publishes a comprehensive report detailing the composition of the pool and the performance. Attached is additional information as well as the latest quarterly investment report for the Endowment Pool. The report has been reviewed and is consistent with the pool objectives. Staff will provide a status summary of the endowment.*

5. **Fires Update**  
Lesley Hill, OCTA

*The Silverado, Blue Ridge and Bond fires impacted Orange County between October and December of 2020. None of these fires affected the OCTA Preserves, but three restoration projects were affected by the Silverado and Bond fires. Status updates on the fires were provided to the Environmental Oversight Committee (EOC) on October 29, 2020 and December 24, 2020 (Attachment B). Similar memos were also provided to the OCTA Board of Directors in October and December, 2020. A summary of the impacts and proposed next steps will be provided by staff.*

6. **Irvine Ranch Conservancy (IRC) Restoration Projects Update**  
Lesley Hill, OCTA  
Michael O'Connell, President and CEO of the Irvine Ranch Conservancy

*In 2020, the Wildlife Agencies provided their official sign off on the OCTA funded Bee Flat Canyon restoration project. This 84-acre project is within lands owned by Orange County Parks and implemented by the Irvine Ranch Conservancy. This is the third OCTA funded restoration project to meet its success criteria. OCTA staff provided a brief summary of the successful completion of this project at the August EOC meeting. Since that time, the Silverado and Bond fires burned the Bee Flat project area. In addition, both the Agua*

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# AGENDA

## Measure M2 Environmental Oversight Committee

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*Chinon and West Loma projects were also burned by those same two fires. IRC staff will provide a more in-depth overview of these projects including the impacts caused by the fires, as well as next steps and the anticipated future for these restoration projects.*

### **7. OCTA Preserves' Fire Management Plans Update**

Lesley Hill, OCTA

Carol Rice, Wildland Res Mgt

*As required by the OCTA M2 Natural Community Conservation Plan/Habitat Conservation Plan, OCTA began developing fire management plans (Plans) for the Preserves in 2018. Each Preserve will have its own separate Plan. The Plans will provide guidelines for decision-making at all stages, including fire prevention, pre-fire vegetation management, suppression activities, and post-fire responses that are compatible with conservation and stewardship responsibilities. It is anticipated that these Plans will be completed in 2021. Once completed, these Plans will be shared with the EOC as well as interested stakeholders. The consultant will provide a brief overview of the first Plan. Additional information is attached.*

### **8. Hikes and Equestrian Rides**

Marissa Espino, OCTA

*In compliance with Gov. Gavin Newsom's order to stay at home to protect the health and well-being of all Californians and to establish consistency across the state in order to slow the spread of COVID-19, OCTA is postponing all scheduled hikes and equestrian rides until further notice. OCTA will release the revised 2021 Wilderness Preserve Hiking and Equestrian Riding Tour calendar once the order has been lifted.*

### **9. Public Comments**

*Members of the public may address the EOC regarding any item. Please complete a speaker's card and submit it to the EOC or notify the EOC the item number on which you wish to speak. Speakers will be recognized by the Chair at the time the agenda item is to be considered. A speaker's comments shall be limited to three (3) minutes.*

### **10. Committee Member Reports**

### **11. Next Meeting – May 5, 2021**

### **12. Adjournment**

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## ***Minutes***

### **Measure M2 Environmental Oversight Committee**

#### **Committee Members**

*Lisa Bartlett, Chairman*  
*Melanie Schlotterbeck, Vice Chair*  
*Laurie Davies, Board of Directors*  
*Chris Flynn, Caltrans District 12*  
*Veronica Li, US Army Corp of Engineers*  
*David Mayer, CA Dept. of Fish & Wildlife*  
*Derek McGregor, DMc Engineering*  
*Dr. Pauline Merry, Taxpayers Oversight Comm.*  
*Bev Perry, Civic Engagement Consultant*  
*Jonathan Snyder, US Fish & Wildlife*  
*John Walsh, CA Wildlife Conserv. Board*

*Orange County Transportation Authority*  
*Via Teleconference*

**Wednesday, August 5, 2020 at 2:30pm**

#### **Member(s) Absent**

*Veronica Li, US Army Corp of Engineers*  
*Dan Silver, Endangered Habitats League*

#### **1. Welcome**

Chair Lisa Bartlett called the Environmental Oversight Committee (EOC) meeting to order at 2:30 p.m. Roll call was taken by Marissa Espino.

#### **2. Pledge of Allegiance**

Chair Lisa Bartlett led the Pledge of Allegiance.

#### **3. Approval of May 6, 2020 Minutes**

Chairman Lisa Bartlett asked if there are any additions or corrections to the May 6, 2020 EOC minutes.

A motion was made by Vice Chair Melanie Schlotterbeck, seconded by Derek McGregor and passed unanimously to approve the May 6, 2020 EOC meeting minutes with two abstentions.

#### **4. OCTA Conservation Plan Annual Report**

Dan Phu provided an overview/background of the 2019 OCTA Conservation Plan Annual Report which is the second annual report on the Plan. Lesley Hill provided information on the year starting January 1, 2019 through December 31, 2019. She said in 2019 four different consistency checklists were completed for four separate M2



freeway projects. All projects were reviewed and verified to be consistent with the NCCP/HCP by the Wildlife Agencies. <Presentation available upon request.>

Melanie Schlotterbeck said congratulations on getting all this documented and put into the annual report. She said it is tough work and she appreciates the effort. Keep up the hard work OCTA, the Wildlife Agencies and all of those working on the projects.

#### **5. Bee Flat Canyon Restoration Project Completion**

Lesley Hill highlighted the success of the Irvine Ranch Conservancy's (IRC) Bee Flat Canyon Restoration Project. She provided details as outlined in the presentation. Lesley said once the EOC starts meeting again in person OCTA will bring in the IRC for a full presentation. <Presentation available upon request.>

There were no committee comments.

#### **6. OCTA Pacific Horizon Preserve Habitat Impacts**

Lesley Hill provided background on the impacts to the Pacific Horizon Preserve. OCTA continues to work on the issue with the proper authorities. Southern California Edison (SCE) said they are waiting for approval from the California Coastal Commission to conduct the necessary weeding on the unauthorized path and to fix the fence lines. OCTA staff is working with SCE on the easement rights and it is currently with the SCE legal team.

Melanie Schlotterbeck asked what prevents this from happening on another preserve and has OCTA looked at the other preserves to catch this from happening. Lesley Hill said staff is looking into easements (particularly pertaining to utility lines) on all other properties to ensure this does not happen again.

#### **7. 2019 Hikes and Equestrian Rides**

Marissa Espino said all the hikes/rides for March through August have been cancelled due to statewide "stay at home" orders. She said OCTA is looking into the feasibility of the September 12, 2020 hike and the September 27, 2020 ride. OCTA does plan to continue these events as soon as it is feasible. Any updates will be shared with the EOC and noticed on OCTA.net.

Chair Lisa Bartlett said OCTA cannot do any sort of mass gatherings out in the public at this time which includes these hikes and rides.

#### **8. Public Comments**

Marisa Espino said a public comment was submitted on August 4, 2020 at 4:19 pm by David M. Seroski. Mr. Seroski's comments were provided to the EOC members and will be retained as part of the record for today's meeting.

#### **9. Committee Member Reports**

Melanie Schlotterbeck said Friends of Harbors, Beaches and Parks (FHBP) did quite a bit of research this past spring and into the summer. There are reports related to the impacts on a variety of things such as water quality impacts to parks, sea level rise and tree infestation. Included was regional, state, and federal lands. The documents are available at FHBP.org. She said there are some issues coming up and FHBP wants to make everyone aware. FHBP also did a Wildfire Study and Melanie is happy to provide data on what was found in Laguna Canyon as well as the Santa Ana Mountains.

Melanie Schlotterbeck said as a Hills for Everyone member, OCTA purchased the Eagle Ridge property which is around 300 acres on the western side of Chino Hills State Park. Hills for Everyone just expanded the Chino Hill Preserve. She thanked the Wildlife Conservation Board (John Walsh) and the United States Fish and Wildlife Service (Jonathan Snyder) for their support and help in making this happen. This property is 320 acres and has been on the list for 40 years and it was good to see it finally happen.

**10. Next Meeting – November 4, 2020**

Chairman Lisa Bartlett thanked all in attendance and said the next meeting is scheduled for November 4, 2020.

**11. Adjournment**

The meeting adjourned at 3:05 p.m.



**February 3, 2021**

**To:** Environmental Oversight Committee  
**From:** Orange County Transportation Authority Staff  
**Subject:** February Environmental Oversight Committee Information Items  
(Items 4 – 7)

***Item 4 - Environmental Mitigation Program Endowment Fund Investment Report***

The OCTA M2 Natural Community Conservation Plan/Habitat Conservation Plan (Conservation Plan) permits were issued by the United States Fish and Wildlife Service and the California Department of Fish and Wildlife (Wildlife Agencies) in mid-2017. As a result, the M2 environmental process has been streamlined, allowing OCTA to expedite the M2 freeway projects. The Conservation Plan requires the establishment of a \$34.5 million endowment to fund the long-term management of the Preserves. To date, OCTA has made five endowment deposits. Quarterly investment reports are provided to the Board, with the most recent one in December 2020. As of September 30, 2020, the balance was \$16,046,435. The balance is above the fiscal year 2021 target of \$16,002,055. Staff will continue to assess market conditions and provide regular endowment updates to the Board, Finance and Administration Committee, and the EOC. The latest quarterly investment report for the Endowment Pool is included as Exhibit A. The report has been reviewed and is consistent with the pool objectives.

***Item 5 – Fires Update***

Three significant fires have impacted Orange County between October and December 2020. None of these fires affected the OCTA Preserves. However, two of these fires have impacted multiple habitat restoration investments sponsored by OCTA. On October 26, 2020, the Silverado and Blue Ridge fires ignited. A status update of these two fires was provided to the Environmental Oversight Committee (EOC) and the Board on October 29, 2020. The Bond fire ignited in Orange County on Wednesday, December 2, 2020. A second memo was provided to the EOC on December 24, 2020 describing the combined impacts from the Silverado and Bond fires and is provided as Exhibit B.

As noted above, none of the OCTA Preserves were in the burn area, but several restoration projects were affected by the Silverado and Bond fires. Staff is coordinating with the jurisdictions involved with the fire response, as well as the Wildlife Agencies. OCTA will coordinate with the restoration project sponsors to fully assess the damage and then work closely with the Wildlife Agencies to discuss next steps. In addition, OCTA will seek federal funding opportunities related to the fires and will work with the Irvine Ranch Conservancy (IRC) to find innovative ways to aide in the restoration recovery.

### ***Item 6 – Irvine Ranch Conservancy (IRC) Restoration Projects Update***

In 2020, the Wildlife Agencies provided their official sign off on the OCTA funded Bee Flat Canyon restoration project. This 84-acre project was funded by OCTA in April 2011. The project is within lands owned by Orange County Parks and sponsored by the Irvine Ranch Conservancy. This is the third OCTA funded restoration project to meet its success criteria. OCTA staff provided a brief summary of the project at the August EOC meeting. Since that time, this project area burned in the Silverado and Bond fires. In addition, both the Agua Chinon and West Loma projects were heavily impacted by those same two fires. IRC staff will provide a more in-depth overview of the importance of these restoration projects as well as next steps and anticipated future for these restoration projects.

### ***Item 7 – OCTA Preserves' Fire Management Plans Update***

As required by the Conservation Plan, OCTA began developing fire management plans (Plans) for the Preserves in 2018. Each Preserve will have its own separate Plan. The Plans will provide guidelines for decision-making at all stages, including fire prevention, pre-fire vegetation management, suppression activities, and post-fire responses that are compatible with conservation and stewardship responsibilities. This includes the annual vegetation thinning on the Preserves near homes and maintenance of vegetation on the access roads already committed to with the Preserve Resource Management Plans. The consultant preparing these Plans provided an overview of the proposed content and process to the EOC in 2019. In addition, the consultant attended an OCTA public outreach event to help educate the public on the importance of wildland fire safety.

The first Plan (Silverado Chaparral Preserve) has been drafted and has been reviewed and approved by Orange County Fire Authority. OCTA is currently coordinating with the Wildlife Agencies to obtain their approval. The review and approval of this first Plan is key to developing and streamlining the remaining Plans. It is anticipated that these Plans will now be completed in 2021. Once completed, they will be shared with the EOC as well as interested stakeholders.

Exhibits:

A - Conservation Plan Endowment Fund Quarterly Investment Report

B – October and December EOC Fire Updates



# Endowment Pool

## September 2020

### INVESTMENTS

The Endowment Pool returned -1.6% for the month of September 2020, 10 basis points ahead of its benchmark. For the trailing year, the pool returned 5.4%, 80 basis behind its benchmark.

#### Total Pool Assets

\$1.14 billion (Endowment Pool), \$2.03 billion (total foundation assets) as of September 30, 2020.

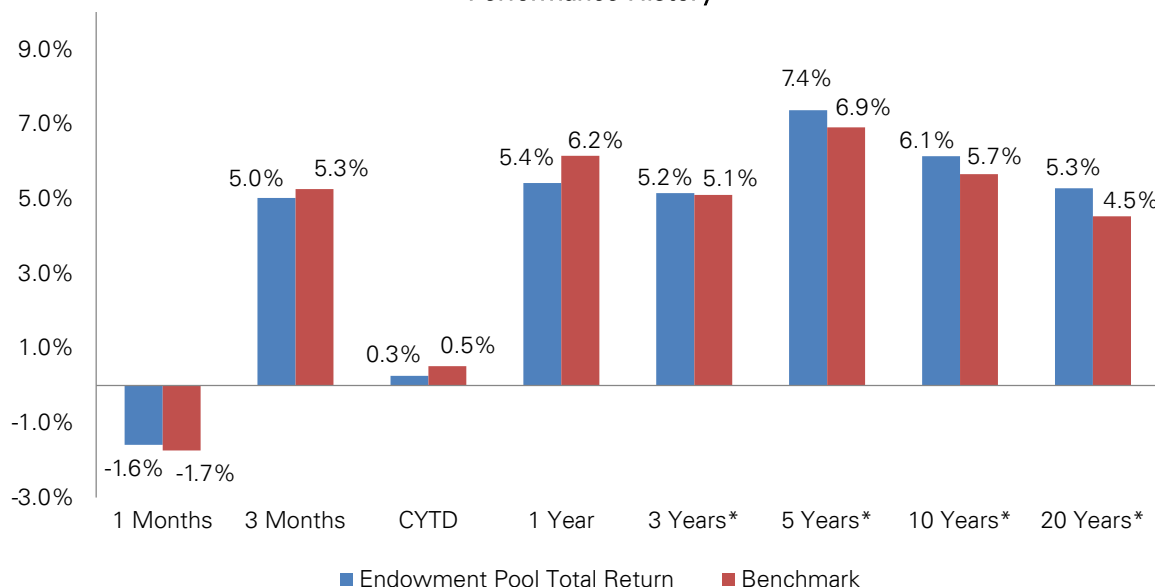
#### Pool Objective

Preserve the real (i.e., inflation-adjusted) purchasing power of the investment pool net of annual distributions for grants and expenses. An additional objective is to provide a relatively predictable, stable stream of distributions for grants and expenses that keep pace with inflation over time.

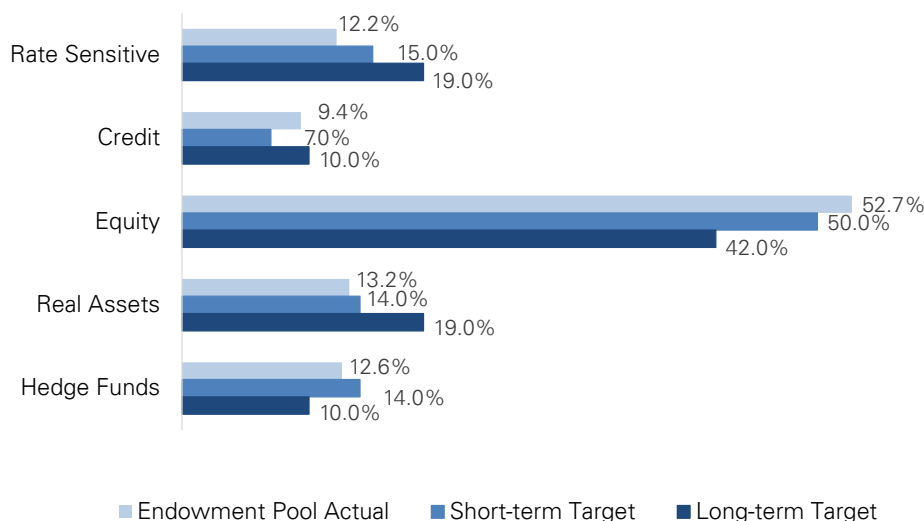
#### Investment Consultant

Meketa Investment Group

#### Performance History



#### Asset Allocation



\*Represents annualized returns.

1) Investment expense ratio approximates 0.60%, excluding fund manager incentive fees.  
 2) Investment performance is presented net of investment expenses, including fund manager incentive fees.  
 3) Total Fund Benchmark is a combination of: 48% MSCI ACWI - 2% Cambridge PE Index 1-Qtr Lag / 14% HFR FOF / 5% ODCE - 5% S&P Global Large Mid NR - 4% S&P Global Infrastructure / 9% Barc Agg. - 3% Barc 1-5 Yr. Gov/Cr - 3% Barc 0-5 Yr. US Treasury TIPs / 2% Barc High Yield - 2% S&P/LSTA Leveraged Loan - 3% JP Morgan EMBI Global Diversified.  
 4) Short-term target allocation is over 1-4 years, long-term target allocation is over 4-9 years.



**Fund Name** OCTA - Measure M2 Environmental Mitigation Program Fund  
**Fund Start Date** 2/28/2017  
**Investment Pool(s)** Endowment Pool

## FUND STATEMENT

### OCTA - Measure M2 Environmental Mitigation Program Fund (V398)

7/1/2020 - 9/30/2020

#### Fund Summary

	Report Period 7/1/2020 - 9/30/2020	Calendar YTD 1/1/2020 - 9/30/2020
<b>Opening Fund Balance</b>	\$12,419,908.00	\$13,034,838.42
Contributions (see attached detail)	2,877,000.00	2,877,000.00
Investment Activity, net	749,527.52	169,045.43
Administration & Grant Management Fees	0.00	(34,448.33)
Net Changes to Fund	3,626,527.52	3,011,597.10
<b>Ending Balance</b>	<b>\$16,046,435.52</b>	<b>\$16,046,435.52</b>

#### Investment Pool Performance as of 9/30/2020

	This Qtr.	1-Year	3-Years	5-Years	10-Years
<b>Endowment Pool</b>	5.0%	5.4%	5.2%	7.4%	6.1%
<b>Social Impact Endowment Pool</b>	7.3%	15.8%	9.9%	10.0%	8.5%
<b>Conservative Balanced Pool</b>	3.0%	7.0%	5.8%	5.8%	n/a
<b>Short Duration Bond Pool</b>	0.3%	4.7%	3.4%	2.5%	n/a
<b>Capital Preservation Pool</b>	0.0%	1.3%	1.7%	1.2%	0.7%

**Endowment Pool** - invested for long-term growth and appreciation while providing a relatively predictable stream of distributions that keeps pace with inflation over time. The target asset allocation is 50% equities, 14% hedge funds, 22% fixed income and 14% real assets. Investment management fees are 66 basis points.

**Social Impact Endowment Pool** - invested in a diversified pool aiming for capital growth for long-term grantmaking; underlying instruments undergo rigorous environmental and social analysis, with an asset allocation of approximately 60%-75% equities and 25%-40% fixed income. Investment management fees are 68 basis points.

**Conservative Balanced Pool** - designed to aim for moderate growth and to offer diversified exposure to the U.S. equity market and to investment grade fixed income with maturities from one to five years and an asset allocation of 70% fixed income and 30% equities investments. Investment management fees are 9 basis points.

**Short Duration Bond Pool** - invested to offer diversified exposure to investment grade fixed income with maturities from one to five years for the purposes of grants over a near-term one to four year horizon. Investment management fees are 5 basis points.

**Capital Preservation Pool** - designed to preserve principal and provide liquidity for present grantmaking needs through investment in short-term fixed income and cash instruments. Investment management fees are 10 basis points.

**Contribution Details**

<b>Date</b>	<b>Donor Name</b>	<b>Amount</b>
07/09/2020	Orange County Transportation Authority	2,877,000.00
		<u><b>\$2,877,000.00</b></u>





**October 29, 2020**

**To:** Environmental Oversight Committee  
**From:** Orange County Transportation Authority Staff  
**Subject:** Silverado and Blue Ridge Fires Update

**Background:** Two wind-driven fires started in Orange County on October 26, 2020. The Silverado Fire started in the morning near Santiago Canyon Road and Silverado Canyon Road in unincorporated Orange County and quickly spread toward Irvine. The Blue Ridge fire started in the afternoon near the Green River Golf Club and State Route 91 and quickly spread into Chino Hills State Park toward Yorba Linda burning in both San Bernardino and Orange counties. The fires have not impacted any of OCTA's Environmental Mitigation Program (EMP) preserves. However, several habitat restoration projects funded by OCTA appear to have been affected. The two fires, together with the OCTA Preserves and restoration projects, have been mapped and are attached (Exhibits A-C). A summary of the known impacts to date is provided below.

**Discussion:**

Silverado Fire

This Silverado Fire is in the eastern part of the County. As of October 28, 2020, it had burned approximately 13,390 acres with 40% containment. To date, none of the OCTA preserves have been impacted by the Silverado Fire. The Silverado Chaparral preserve (204 acres) is the closest to where the fire ignited.

The Irvine Ranch Conservancy (IRC) has sponsored a number of OCTA restoration projects. Based on mapping of the fire perimeter and in coordination with the IRC, several projects may have been potentially affected. These restoration projects include West Loma, Bee Flat Canyon, and Agua Chinon. The Bee Flat Canyon restoration project was just approved and accepted by the Wildlife Agencies. OCTA staff highlighted this successful restoration project at the August 5, 2020 EOC meeting. The West Loma and Agua Chinon projects are in various stages of restoration and have not yet been signed off. Agua Chinon was anticipated to be signed off in 2021 (see table below for more details).

### Irvine Ranch Conservancy Restoration Projects

Name	Project Cost	Approx. Acreage	Area Burned <sup>1</sup>
West Loma	\$1,322,800	62	Yes
Bee Flat Canyon	\$1,497,160	84	Yes
Agua Chinon		6	Yes

Neither IRC nor OCTA staff are permitted on the property at this time to assess the fire damage.

#### Blue Ridge Fire

As of October 28, 2020, this fire has burned approximately 14,334 acres with 30% containment. The Carbon Canyon area in Brea is under mandatory evacuation and includes the Eagle Ridge Preserve (~300 acres). To date, none of the OCTA preserves have been impacted by the Blue Ridge Fire.

Based on mapping of the fire perimeter and coordination with Chino Hills State Park staff, it is presumed that the Chino Hills State Park restoration project in the park has been affected. This 11-acre, \$475,000 project is in the early stages of restoration work and planting work has not started.

In summary, none of the OCTA preserves have been affected up to this point, but it appears that four OCTA-funded restoration projects are potentially affected by the fires. Any damage and its extent will be reviewed and shared with the EOC when more information becomes available.

**Next Steps:** OCTA will coordinate closely with the restoration project sponsors to fully assess the damage. Staff will then work closely with the Wildlife Agencies to discuss next steps, as well as OCTA's commitments and obligations. Updates will be provided to the EOC.

#### Exhibits:

A – Preserves and Restoration Projects Location Map

B – OCTA Preserves and Restoration Projects near Silverado Fire

C – OCTA Preserves and Restoration Projects near Blue Ridge Fire

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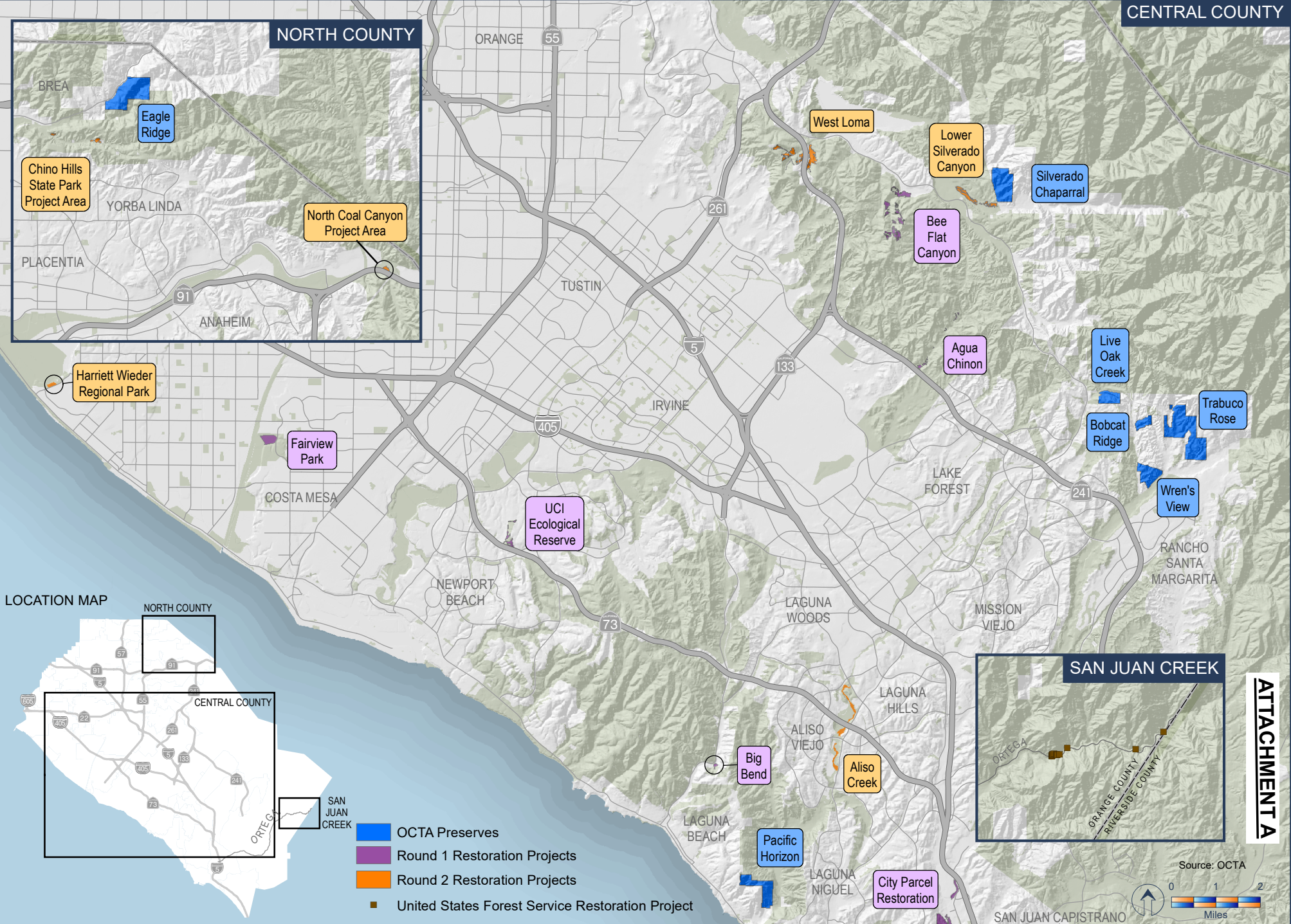
<sup>1</sup> Based on fire perimeter mapping and coordination with Irvine Ranch Conservancy Staff on 10/27/2020.

# OCTA Preserves and Funded Restoration Projects

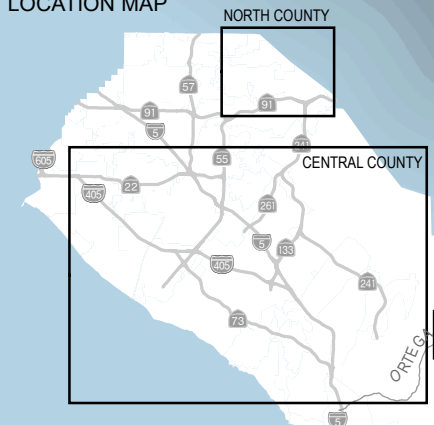


CENTRAL COUNTY

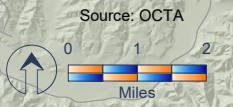
NORTH COUNTY



LOCATION MAP



- OCTA Preserves
- Round 1 Restoration Projects
- Round 2 Restoration Projects
- United States Forest Service Restoration Project



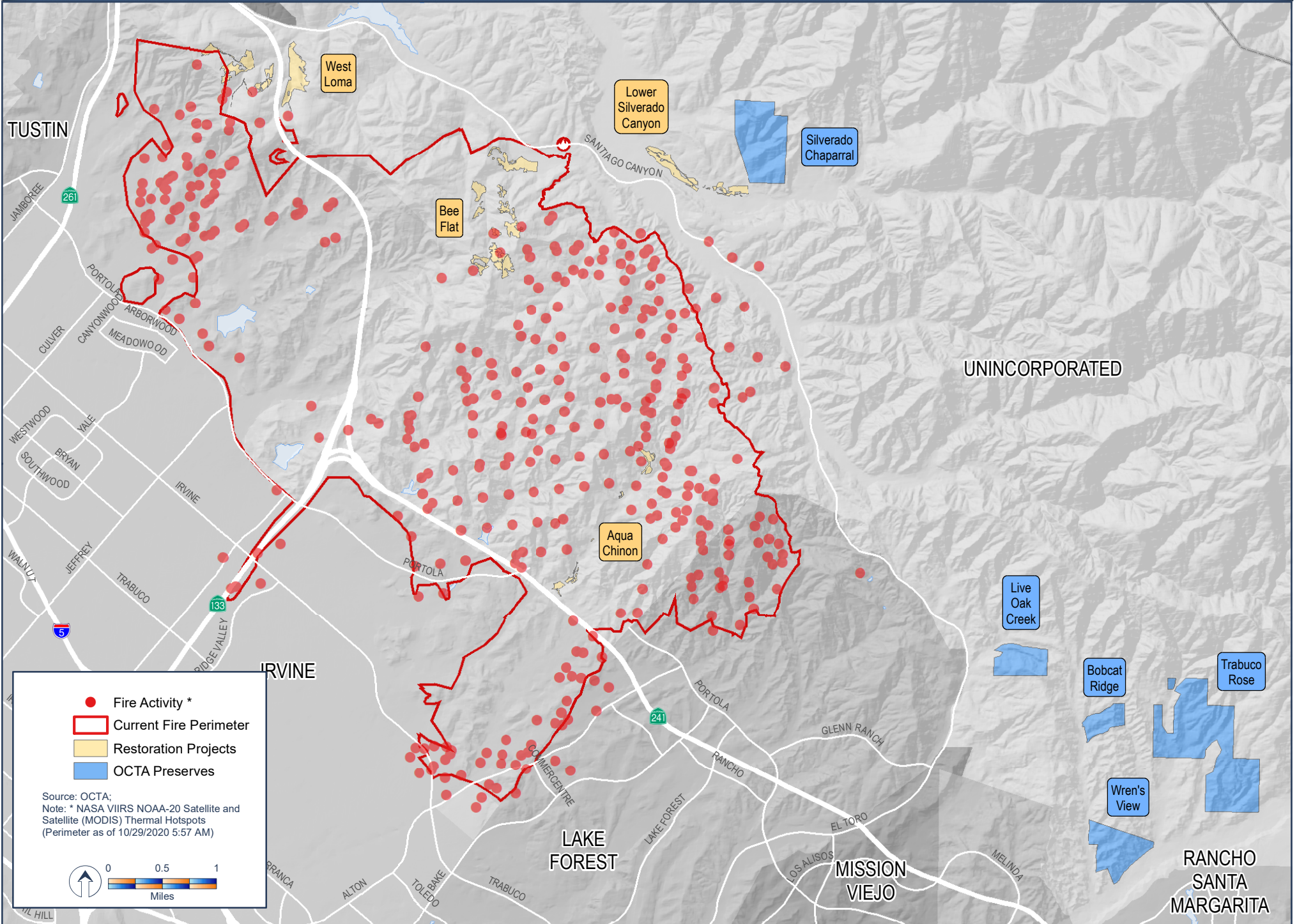
Source: OCTA

ATTACHMENT A



# OCTA Preserves and Restoration Properties near Silverado Fire

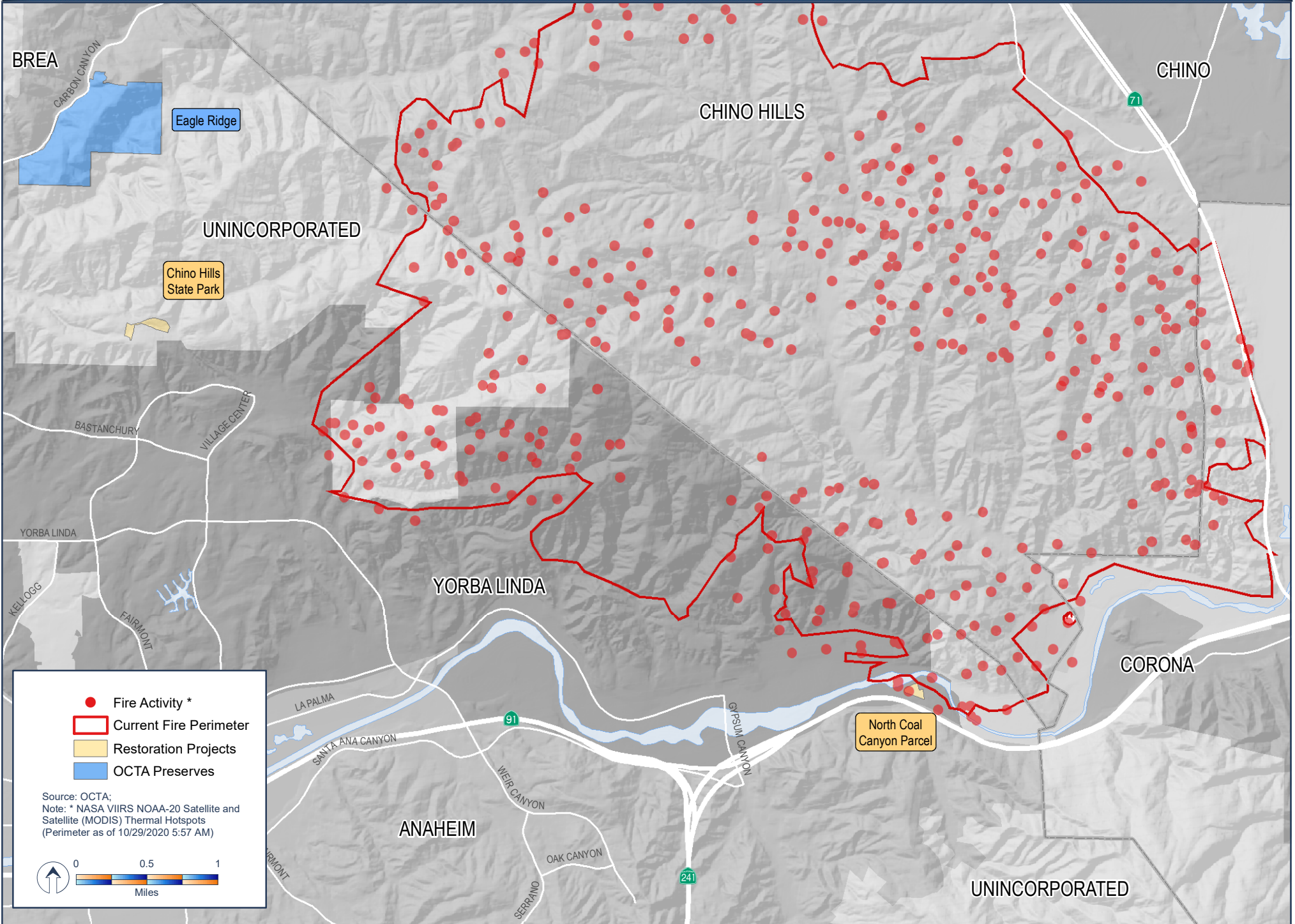
ATTACHMENT B





# OCTA Preserves and Restoration Properties near Blue Ridge Fire

ATTACHMENT C





INTERNAL MEMORANDUM

December 24, 2020

To: Environmental Oversight Committee
From: Orange County Transportation Authority Staff
Subject: Environmental Mitigation Program Bond Fire Impacts Status

Background

The Bond Fire started on December 2, 2020 in east Orange County. This fire was near the Silverado Fire, which ignited in late October. The fire did not impact any Orange County Transportation Authority (OCTA) Environmental Mitigation Program (EMP) Preserves but impacted two OCTA-funded restoration projects. The OCTA Preserves and restoration projects, along with the Bond Fire (together with the recent Silverado Fire perimeter), have been mapped and are attached as exhibits A and B. A brief summary of the investments impacted to date are provided below.

Discussion

A previous memo was provided, dated November 2, 2020, with a summary of OCTA EMP impacts from the Silverado fire. Additional EMP impacts were caused by the Bond fire in December. The Bond Fire burned approximately 6,686 acres. As of December 10, 2020, the Bond Fire has been 100 percent contained. None of the OCTA Preserves have been impacted by the recent fires, but two restoration projects have been impacted by the Bond Fire. These two restoration projects are managed by the Irvine Ranch Conservancy (IRC), and both projects were partially damaged by the Silverado Fire that was completely contained on November 7, 2020. The West Loma restoration project suffered minor impacts due to the Silverado Fire and has suffered additional damage due to the Bond Fire. In addition, it appears that the remaining amount of Bee Flat Canyon also burned in the Bond Fire. Once it is safe, IRC staff will conduct a field review to verify the extent of the fire damage. The table below depicts the IRC projects cost and acreage, along with the estimated damage from the two recent fires.

IRC restoration projects acreage\* impacted by the recent fires

Table with 6 columns: Name, Project Cost, Acreage, Silverado Fire, Bond Fire\*, Total Burned\*. Rows include West Loma, Bee Flat Canyon and Agua Chinon.

\*Acreage is estimated for impacts until the projects can be fully assessed by IRC staff.

Typically, a habitat restoration project goes through several years of development, which includes preparation work, planting/seeding, plant establishment, and then monitoring before it is signed off by the Wildlife Agencies. The West Loma restoration project has not been signed off as completed by the Wildlife Agencies. OCTA will need to coordinate closely with IRC and the Wildlife Agencies on a remediation plan for this project area (as well as Agua Chinon, due to the previous Silverado Fire). As a reminder, the Silverado Fire previously impacted three restoration projects (Agua Chinon, Bee Flat Canyon and West Lomas) in October.

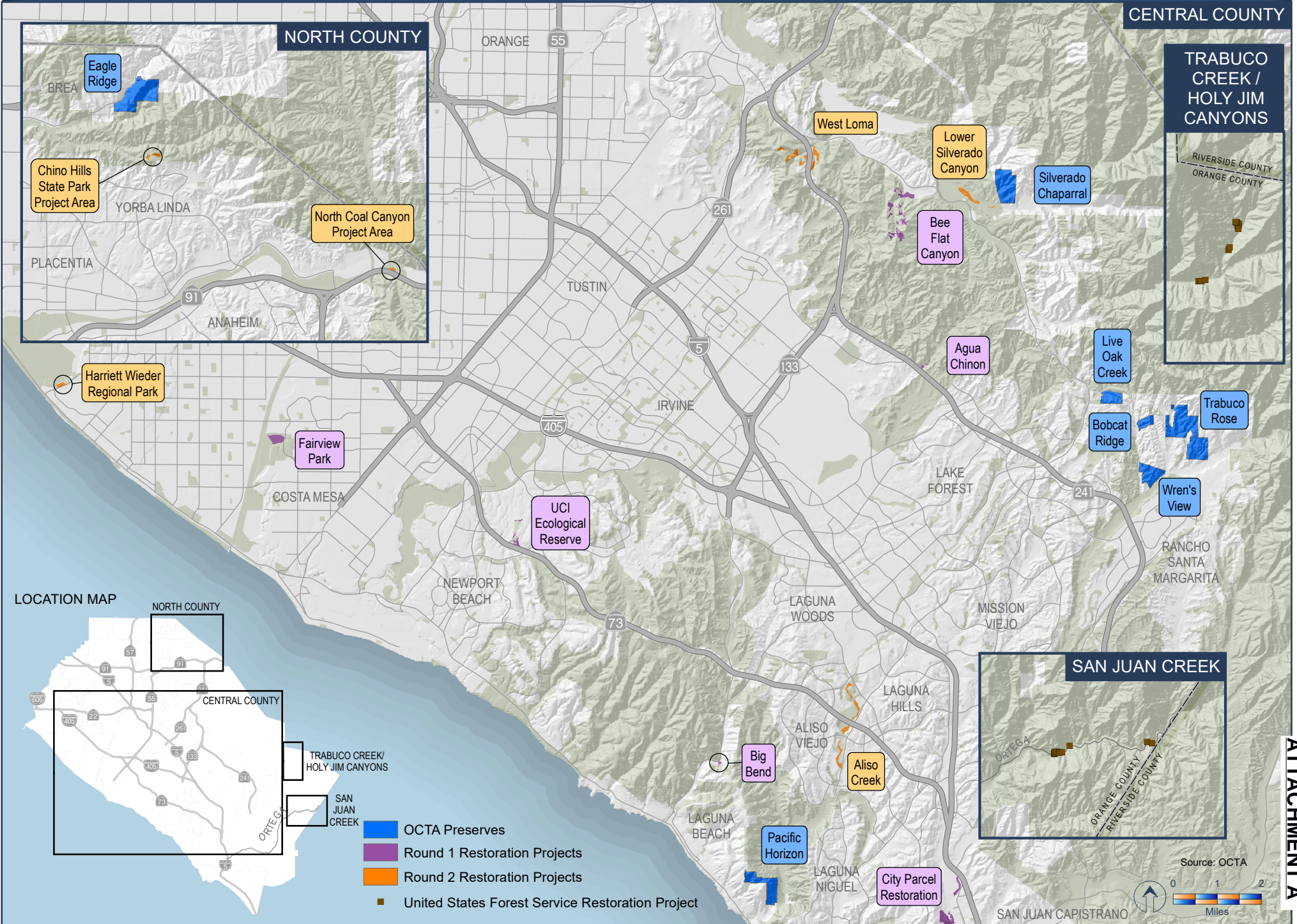
#### Next Steps

OCTA will coordinate closely with the Orange County Fire Authority and IRC to fully assess the damage. Staff will then work closely with the Wildlife Agencies to discuss next steps, as well as OCTA's commitments and obligations.

#### Attachments

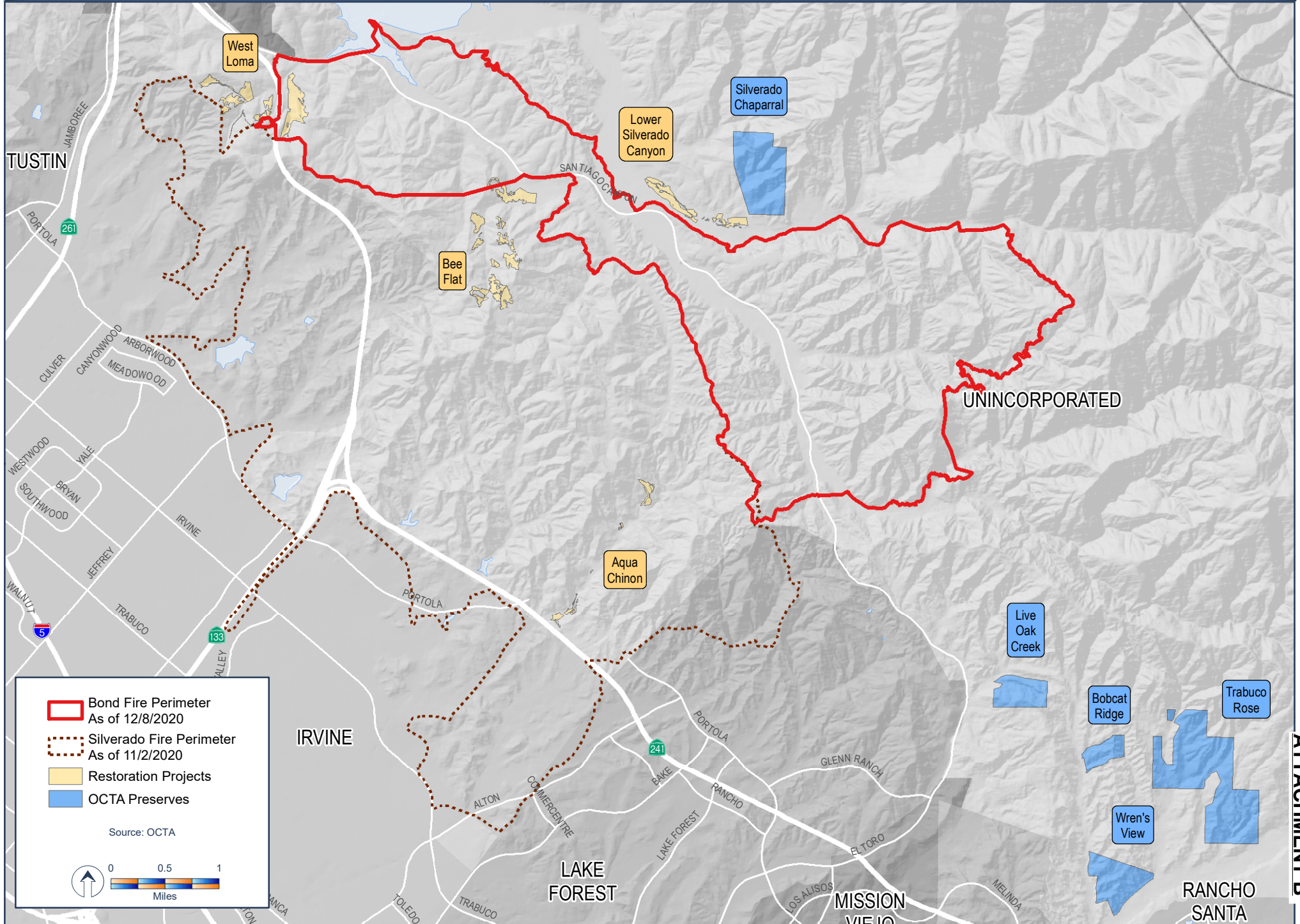


# OCTA Preserves and Funded Restoration Projects





# Exhibit B: OCTA Preserves and Restoration Projects Near Bond and Silverado Fires



**Legend**

- Bond Fire Perimeter As of 12/8/2020
- Silverado Fire Perimeter As of 11/2/2020
- Restoration Projects
- OCTA Preserves

Source: OCTA

0 0.5 1  
Miles

ATTACHMENT B