

Link 4

DESCRIPTION

GENERAL LOCATION

Trail 1 - N/S regional community trail along Railroad R.O.W.
 Trail 2 - Flood control channel from Chrisanta to Jeronimo Road

LINKS & CROSSINGS

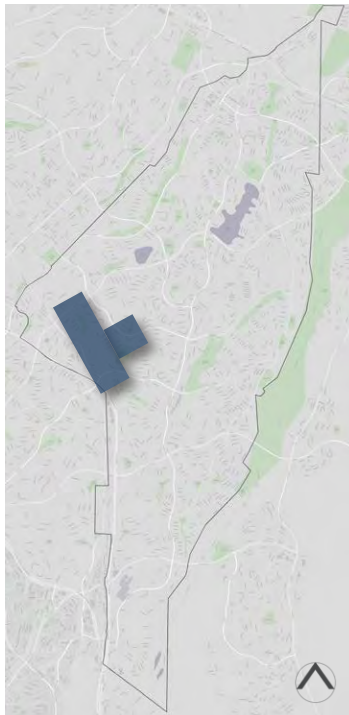
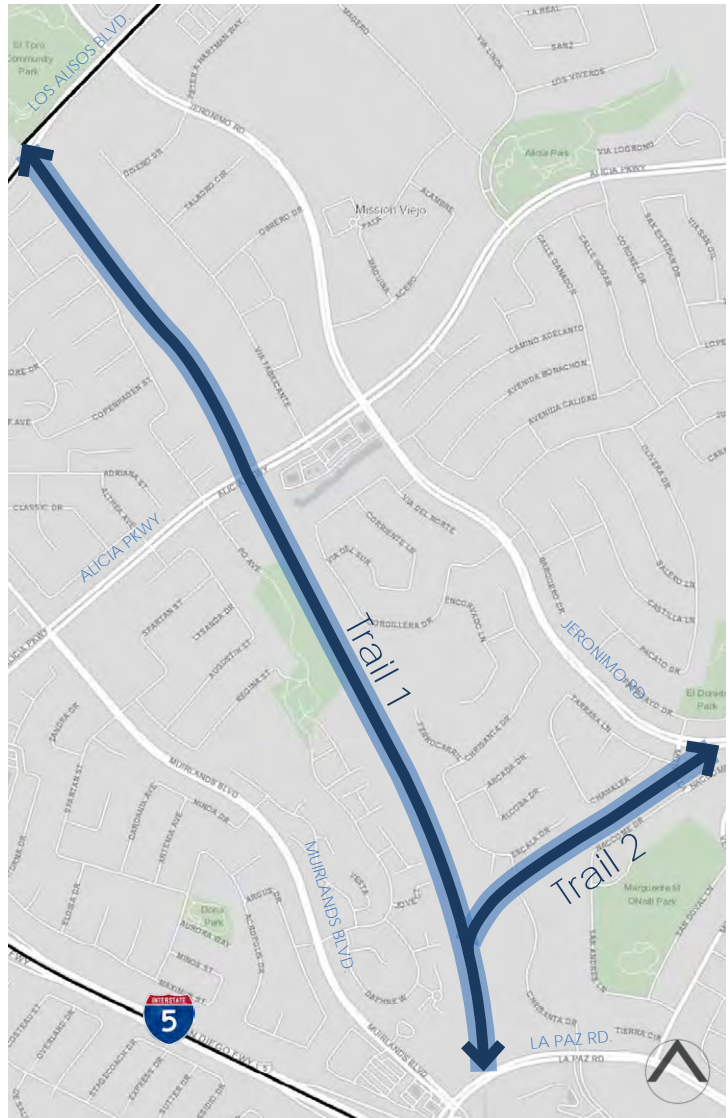
Connects Aliso Creek Bikeway into Jeronimo neighborhood.
 Chrisanta Drive links Los Alisos Boulevard, Alicia Parkway to La Paz Road Links to Metrolink Station

GRADE CHANGE

Moderate grade changes

ADJACENT LAND USES

Along drainage channel; County & private land ownership, Along Railroad R.O.W. (OCTA & Other Agencies)



key map

2.2 miles*

Along railroad tracks and drainage channel between LA PAZ RD. & LOS ALISO BLVD.

CLASS I ASPHALT SURFACING

links to Los Alisos Blvd, Gateway Center, Aliso Creek Trail, & La Paz Plaza








325' elevation gain









334' elevation loss

* represents miles of trail in one travel direction only

Criteria & Matrix Evaluation – Missing Link Trail #5

Cross Valley Trail
Olympiad Rd. to
Arroyo Trabuco Trail

CRITERIA	BIKE PATH:	Segment 1	Segment 2	Segment 3
design				
1. Width				
Class 1 Bikeway - 10 ft				
Class 2 Bikeway - 6 ft		N/A		
Class 3 Bikeway		N/A		
Class 4 Bikeway - 12 ft		N/A		
Shoulder Width - 2 ft		N/A		
2. Grade				
0-10%				
3. Lighting				
Bike Path Lighting		N/A		
4. Surface				
Asphalt or Other Percolating Material				
Smooth, Well Drained, All-Weather Riding Surface				
5. Clearance				
10 ft Vertical Clearance				
6. Maintenance/Drainage				
2-5% Cross Slope				
Existing Service Roads		N/A		
land use compatibility				
1. Land Use Agencies				
Connections to Residential Neighborhoods, Schools, Recreational Facilities				
Connecting to Commuter Route/Employment Centers		N/A		

	Segment 1	Segment 2	Segment 3
Connections to Other Transit Modes (i.e., Transit, Metrolink)			
route			
1. Completes Regional Linkage			
Segments Link to Existing Bikeway and/or Regional Multi-use Trail			
2. Right-Of-Way			
City/County			
3. Barriers			
Bikeway Gaps			
Rivers, Edges, Elevations	N/A		
Bike and Pedestrian Connectivity Across Major Barriers (Arroyo Trabuco)			
4. Significant Crossings			
Crossings at Intersections	N/A		
Multilane Arterial Crossing	N/A		
Median Refuge	N/A		
Lateral Conflict (i.e., Free Right Turn Lanes, Bus Stops, Driveways, etc.)	N/A		
Vehicular Congestion (i.e, Level of Service A-C) - Low	N/A		
Sight Distance (125 ft for 20 mph, 175 ft for 25 mph, 230 ft for 30 mph)	N/A		
regulatory investment			
Ease of Construction – Moderate to Difficult			
General Cost to Implement - High			
Community Support			

Link 5

DESCRIPTION

GENERAL LOCATION

Cross valley trail from Mission Viejo to Rancho Santa Margarita via Robert A. Curtis Park

LINKS & CROSSINGS

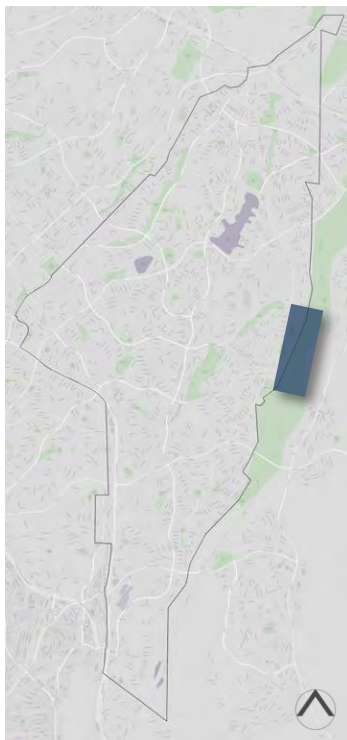
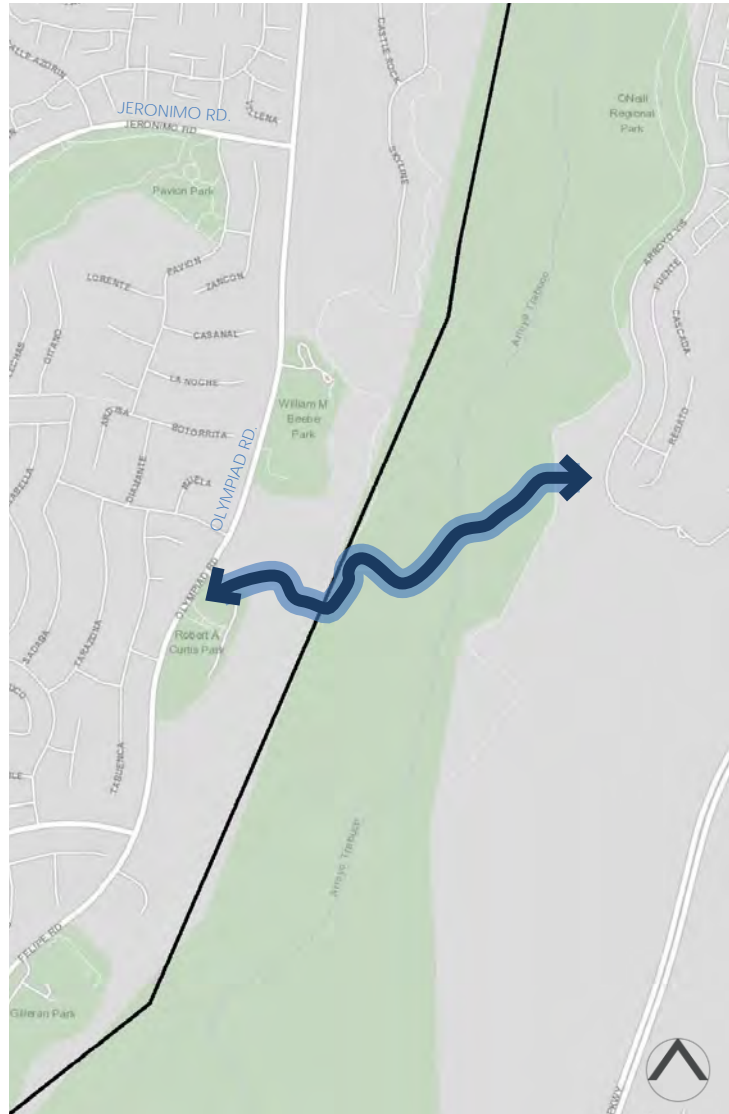
Connects the City of Mission Viejo to the City of Rancho Santa Margarita through Robert A. Curtis Park and across the Arroyo Trabuco Trail

GRADE CHANGE

Steep & moderate grade changes

ADJACENT LAND USES

City of Mission Viejo, Orange County and City of Rancho Santa Margarita



key map

0.6
miles*

CROSS VALLEY TRAIL and
ARROYO TRABUCO TRAIL
connection

ASPHALT STRIPED
SURFACING

126'
elevation
gain

*links to Beebe Park and
Trabuco Trail*

229'
elevation
loss

* represents miles of trail in one travel direction only

Criteria & Matrix Evaluation – Missing Link Trail #6

Oso Creek Trail
Civic Core Cultural Arts

CRITERIA **BIKE PATH:** Center to Marguerite Parkway

	Segment 1	Segment 2	Segment 3
design			
1. Width			
Class 1 Bikeway - 10 ft			
Class 2 Bikeway - 6 ft	N/A		
Class 3 Bikeway	N/A		
Class 4 Bikeway - 12 ft	N/A		
Shoulder Width - 2 ft	N/A		
2. Grade			
0-10%			
3. Lighting			
Bike Path Lighting			
4. Surface			
Asphalt or Other Percolating Material (Requires a Bridge)			
Smooth, Well Drained, All-Weather Riding Surface			
5. Clearance			
10 ft Vertical Clearance			
6. Maintenance/Drainage			
2-5% Cross Slope			
Completed Through Renovation of Commercial Core			
land use compatibility			
1. Land Use Agencies			
Connections to Residential Neighborhoods, Schools, Recreational Facilities			
Connecting to Commuter Route/Employment Centers			

	Segment 1	Segment 2	Segment 3
Connections to Other Transit Modes (i.e., Transit, Metrolink)	N/A		
route			
1. Completes Regional Linkage			
Segments Link to Existing Bikeway and/or Regional Multi-use Trail			
2. Right-Of-Way			
City Owned/Shopping Center			
3. Barriers			
Bikeway Gaps			
Rivers, Edges, Elevations	N/A		
Bike and Pedestrian Connectivity Across Major Barriers			
4. Significant Crossings			
Crossings at Intersections	N/A		
Multilane Arterial Crossing (Bridge)			
Median Refuge	N/A		
Lateral Conflict (i.e., Free Right Turn Lanes, Bus Stops, Driveways, etc.)			
Vehicular Congestion (i.e, Level of Service A-C) - Low			
Sight Distance (125 ft for 20 mph, 175 ft for 25 mph, 230 ft for 30 mph)	N/A		
regulatory investment			
Ease of Construction - Difficult			
General Cost to Implement - High			
Community Support			

Link 6

DESCRIPTION

GENERAL LOCATION

Oso Creek Trail to the Civic Core

LINKS & CROSSINGS

Connects Potocki Center for the Arts & Montanoso Recreation Center

GRADE CHANGE

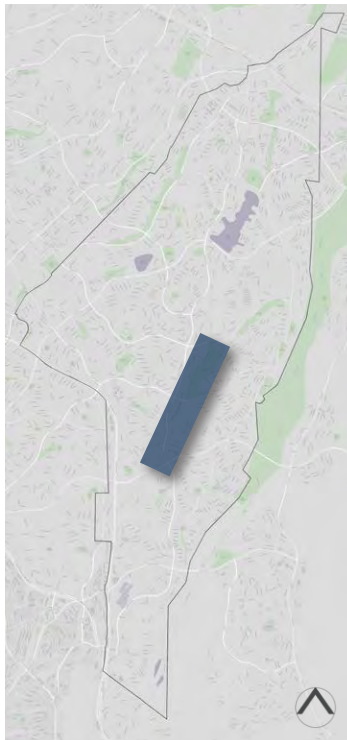
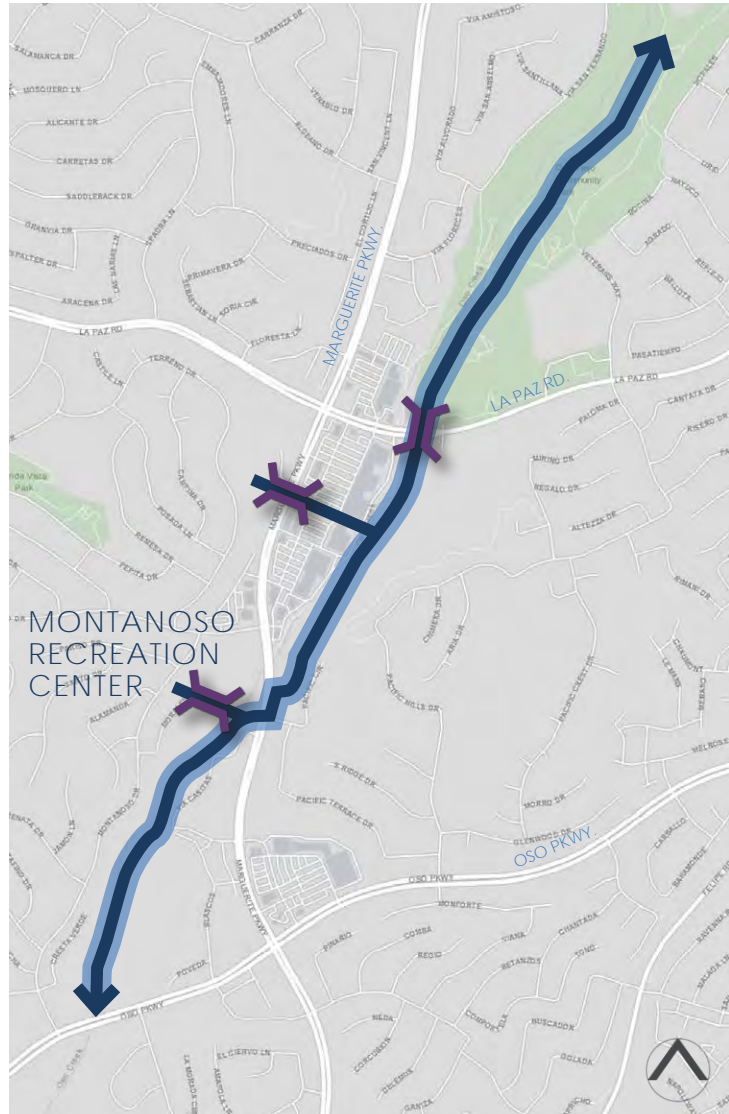
Slight grade change with bridges

ADJACENT LAND USES

City of Mission Viejo land and private future commercial property



BRIDGE CROSSING



key map

2.1
miles*

crossings at LA PAZ
ROAD and MARGUERITE
PARKWAY

CLASS I ASPHALT
SURFACING

288'
elevation
gain

*links to Mission Viejo Cultural
Arts Center, Montanoso Rec.
Center & Oso Parkway*

447'
elevation
loss




* represents miles of trail in one travel direction only

Criteria & Matrix Evaluation – Missing Link Trail #7

N/S Commuter Trail
Along Railroad – La Paz
to South City Limits

CRITERIA	BIKE PATH:		
	Segment 1	Segment 2	Segment 3
design	La Paz to Freeway Center	Freeway Center	Freeway Center to Metrolink
1. Width			
Class 1 Bikeway - 10 ft			
Class 2 Bikeway - 6 ft	N/A		
Class 3 Bikeway	N/A		
Class 4 Bikeway - 12 ft	N/A	N/A	N/A
Shoulder Width - 2 ft	N/A	N/A	N/A
2. Grade			
0-5%			
3. Lighting			
Bike Path Lighting (Future)			
4. Surface			
Asphalt or Other Percolating Material			
Smooth, Well Drained, All-Weather Riding Surface			
5. Clearance			
10 ft Vertical Clearance			
6. Maintenance/Drainage			
2-5% Cross Slope			
Existing Service Roads		N/A	
land use compatibility			
1. Land Use Agencies			
Connections to Residential Neighborhoods, Schools, Recreational Facilities	N/A	N/A	N/A

	Segment 1	Segment 2	Segment 3
Connecting to Commuter Route/Employment Centers			
Connections to Other Transit Modes (i.e., Transit, Metrolink)			
route			
1. Completes Regional Linkage			
Segments Link to Existing Bikeway and/or Regional Multi-use Trail			
2. Right-Of-Way			
City Owned			
Agency/Private (OCTA, Commercial, City of Laguna Niguel)			
3. Barriers			
Bikeway Gaps			
Rivers, Edges, Elevations	N/A	N/A	N/A
Bike and Pedestrian Connectivity Across Major Barriers			
4. Significant Crossings			
Crossings at Intersections	N/A		N/A
Multilane Arterial Crossing	N/A	N/A	N/A
Median Refuge	N/A	N/A	N/A
Lateral Conflict (i.e., Free Right Turn Lanes, Bus Stops, Driveways, etc.)	N/A	N/A	N/A
Vehicular Congestion (i.e, Level of Service A-C) - Low	N/A	N/A	
Sight Distance (125 ft for 20 mph, 175 ft for 25 mph, 230 ft for 30 mph)	N/A	N/A	N/A
regulatory investment			
Ease of Construction – Moderate to Difficult			
General Cost to Implement	 High	 Moderate	 Low

	Segment 1	Segment 2	Segment 3
Community Support			

Link 7

DESCRIPTION

GENERAL LOCATION

Multi-use commuter trail along railroad R.O.W.

LINKS & CROSSINGS

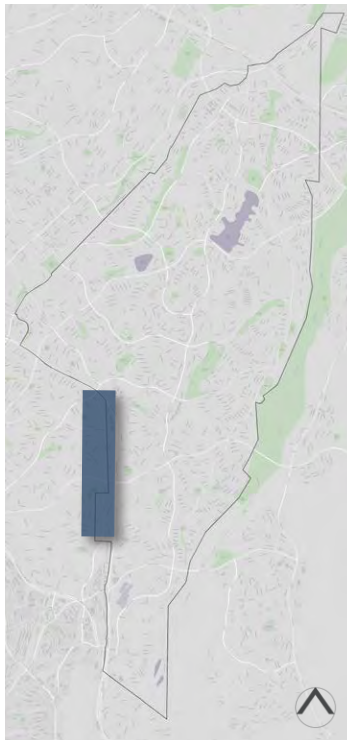
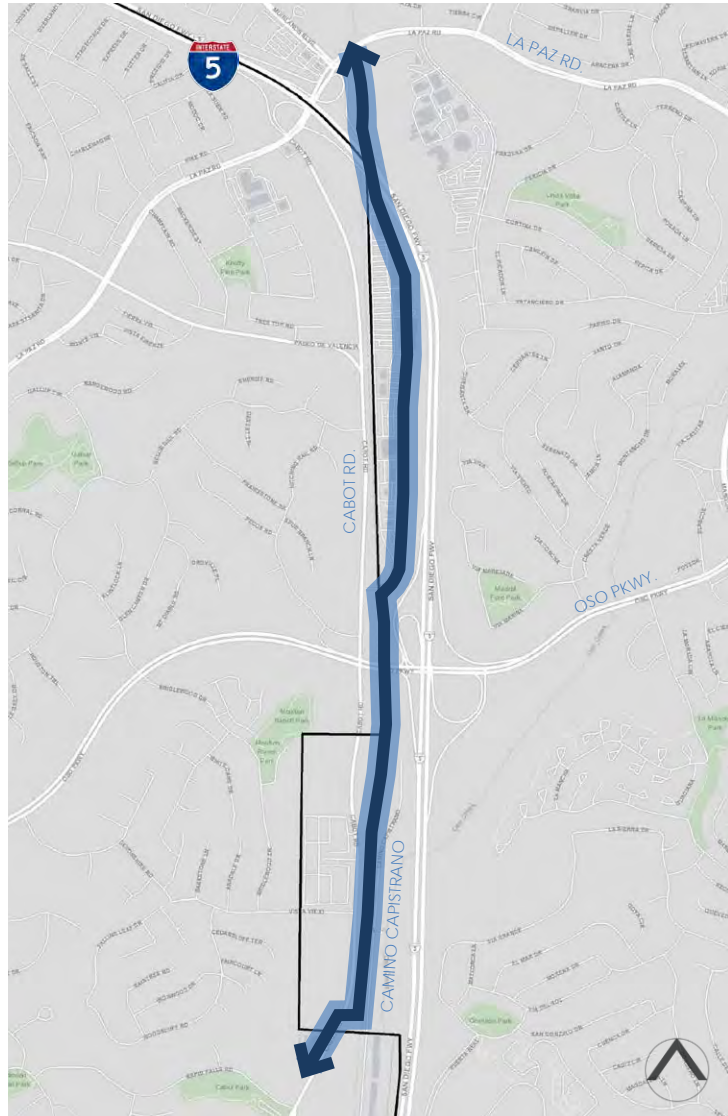
Connects to the City of Mission Viejo & City of Laguna Niguel Metrolink Station

GRADE CHANGE

Substantial grade changes

ADJACENT LAND USES

Private lands, OCTA land, and City of Laguna Niguel land



key map

2.5
miles*

crossing at
CABOT ROAD

CLASS I ASPHALT
SURFACING

162'
elevation
gain

*links to La Paz Village
El Paseo Shopping Center
& Metrolink Station*














278'
elevation
loss

* represents miles of trail in one travel direction only

Criteria & Matrix Evaluation – Missing Link Trail #8

Arroyo Trabuco Trail
Avery Parkway to Jardines

CRITERIA	BIKE PATH:		
	Segment 1	Segment 2	Segment 3
design	Jardines Ramp	County Trail	
1. Width			
Class 1 Bikeway - 10 ft			
Class 2 Bikeway - 6 ft	N/A	N/A	
Class 3 Bikeway	N/A	N/A	
Class 4 Bikeway - 12 ft	N/A	N/A	
Shoulder Width - 2 ft	N/A	N/A	
2. Grade			
0-10%			
3. Lighting			
Bike Path Lighting	N/A	N/A	
4. Surface			
Asphalt or Other Percolating Material			
Smooth, Well Drained, All-Weather Riding Surface			
land use compatibility			
1. Land Use Agencies			
Connections to Residential Neighborhoods, Schools, Recreational Facilities			
Connecting to Commuter Route/Employment Centers (San Juan Capistrano Connection)			
Connections to Other Transit Modes (i.e., Transit, Metrolink)	N/A	N/A	
route			
1. Completes Regional Linkage			
Segments Link to Existing Bikeway and/or Regional Multi-use Trail			

	Segment 1	Segment 2	Segment 3
2. Right-Of-Way			
City Owned			
Agency/Private			
3. Barriers			
Bikeway Gaps			
Rivers, Edges, Elevations			
Bike and Pedestrian Connectivity Across Major Barriers			
4. Significant Crossings			
Crossings at Intersections	N/A	N/A	
Multilane Arterial Crossing	N/A	N/A	
Median Refuge	N/A	N/A	
Lateral Conflict (i.e., Free Right Turn Lanes, Bus Stops, Driveways, etc.)	N/A	N/A	
Vehicular Congestion (i.e, Level of Service A-C)	N/A	N/A	
Sight Distance (125 ft for 20 mph, 175 ft for 25 mph, 230 ft for 30 mph)	N/A	N/A	
regulatory investment			
Ease of Construction - Moderate			
General Cost to Implement – Moderate/High			
Community Support			

Link 8

DESCRIPTION

GENERAL LOCATION

South connection of the Arroyo Trail (at Cordova Park) to Arroyo Trabuco Trail and south to the City of San Juan Capistrano

LINKS & CROSSINGS

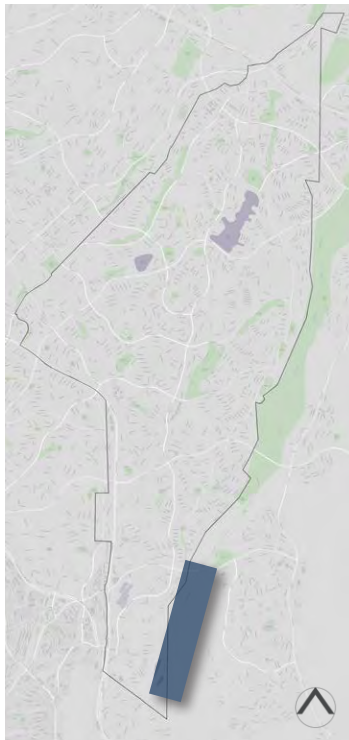
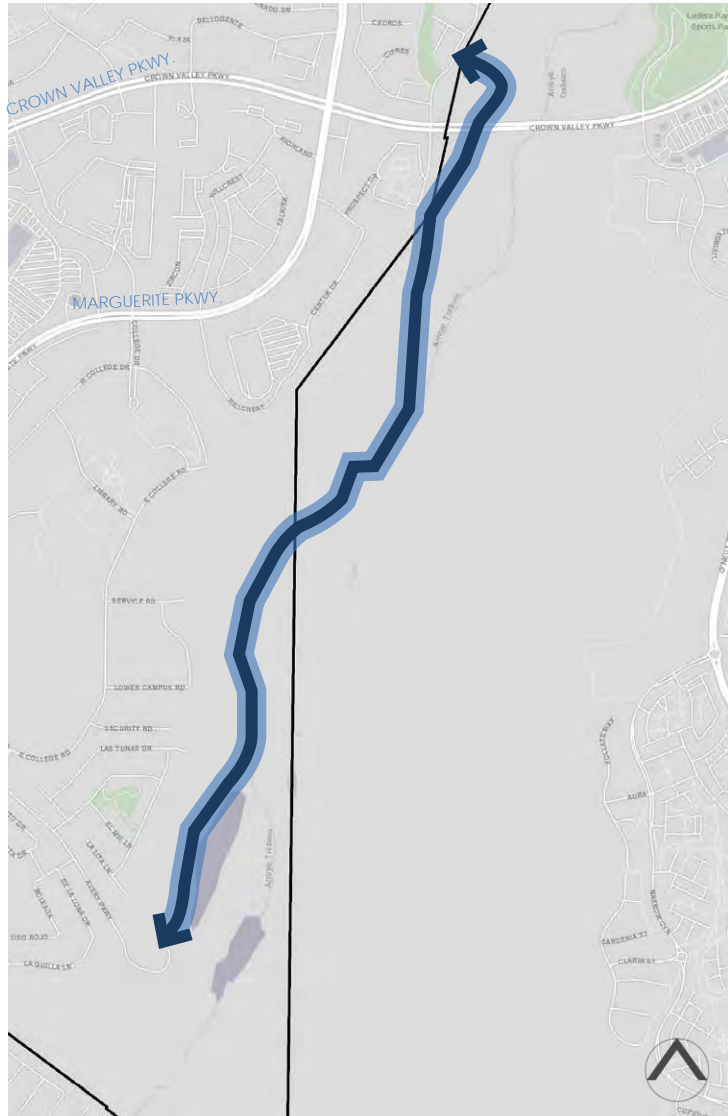
Connects to the City of San Juan Capistrano and Salt Creek Beach

GRADE CHANGE

Moderate grade changes

ADJACENT LAND USES

Orange County land and private/ HOA land



key map

2.3
miles*

ARROYO TRABUCO TRAIL
from AVERY PKWY. to
CROWN VALLEY PKWY.

CLASS I ASPHALT
SURFACING

286'
elevation
gain

*links to Arroyo Trail (Cordova
Park) & Arroyo Trabuco
Golf Course*

380'
elevation
loss

* represents miles of trail in one travel direction only

Missing Links

(CLASS I BIKEWAYS)

8 key links

13.2 miles of new trails*

3 new trail heads

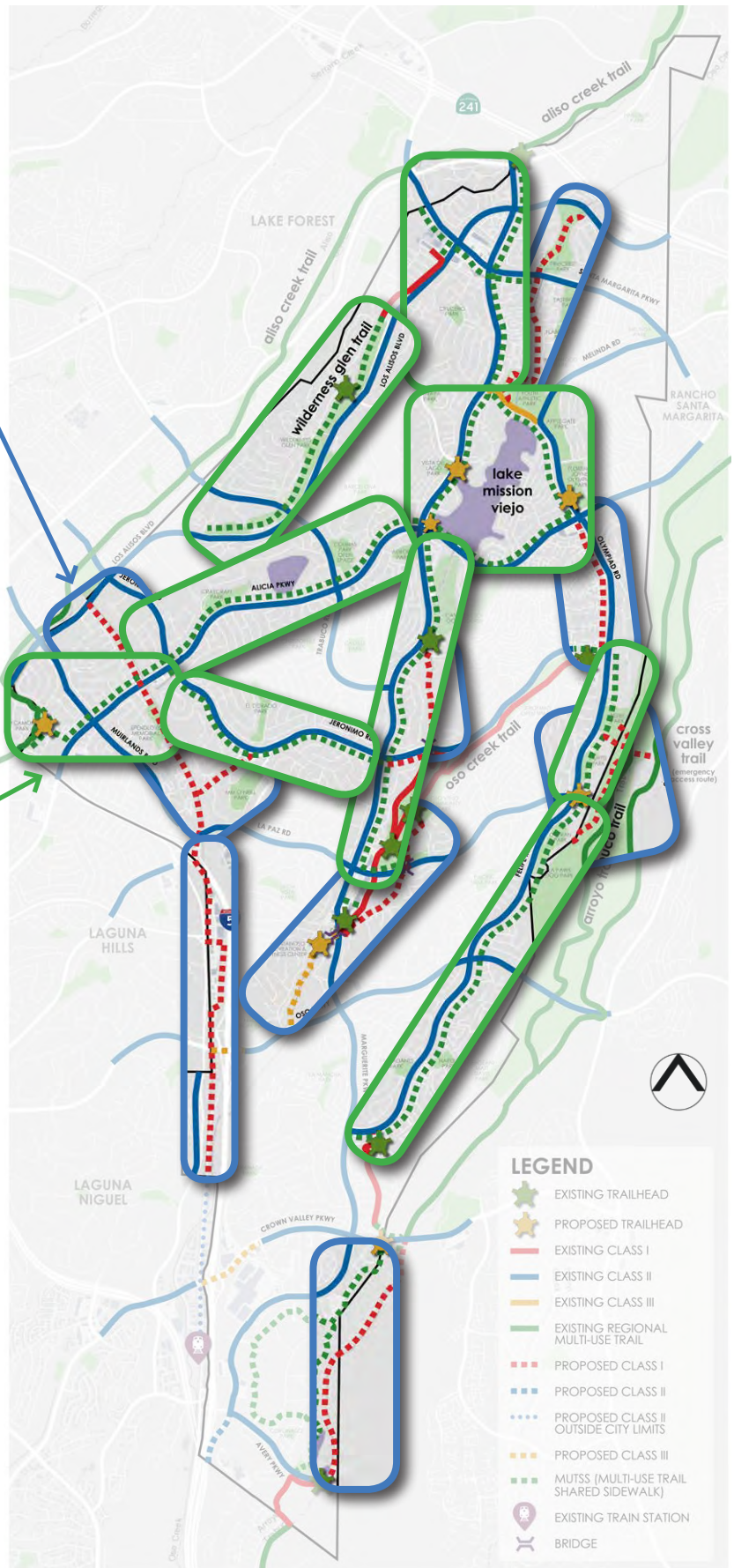
MUTSS

(MULTI-USE TRAIL SHARED SIDEWALKS)

9 key reaches

18.0 miles of new trails*

5 new trail heads



* represents miles of trail in one travel direction only

Plan Programs

COORDINATION WITH SCHOOLS

The City will coordinate with the Orange County Sheriff's Department and the local school districts to promote safe routes to school and to develop and implement an annual bicycle safety program. The planning for this event is already in the works and will be held yearly in the fall.

The City will also work with the various schools to promote riding to school and will encourage them to provide quality bicycle parking at these sites.

EDUCATION AND ENCOURAGEMENT AT CITY HALL

On May 15, 2019, City employees gathered at the Mission Viejo Civic Center to celebrate "Bike to Work Week." In an effort to encourage City staff to seek active modes of transportation to work, the City organized an inaugural "Bike to Work" event that included a lunchtime bike ride to Florence Joyner Olympiad Park. The City plans to host quarterly lunchtime bike rides to support and promote biking as a safe and convenient mode of transportation.

COMMUTERS, BUSINESSES AND THE ECONOMY

The City of Mission Viejo has an established review process that is implemented when a tenant vacates one of the various commercial properties located in the City. For new development and redevelopment projects, the City employs an extensive planning process that addresses vehicular, bicycle and pedestrian access from the public right-of-way onto the site.

Additionally, bicycle parking must be provided in accordance with zoning requirements. The City works with the property developer to determine the safest and most convenient location for the bike parking facilities. To promote biking as a viable mode of transportation, the City also encourages property owners to install long-term bicycle storage with lockers for tenants, employees, customers and others who may park their bikes for an extended period.

The City of Mission Viejo also plans to work with the local Chamber of Commerce and the business community to encourage employers to offer incentives designed to encourage their employees to bike to work.

WAYFINDING AND ACCESS

The City of Mission Viejo has worked to create an established, consistent wayfinding signage program. The wayfinding program for the Comprehensive Bikeway and Transportation Connectivity Master Plan will use the same design elements of the existing program (colors, fonts, etc.) to provide clear, legible navigation, encourage use, and provide a cohesive identity for the trail system. As our system of bikeways and trails expand, this coordinated family of signs will ensure that residents and visitors are able to access routes to schools, commercial centers and green spaces more easily by bicycle. The City recognizes that a cohesive, easy to use network of signs is critical to the success of the overall trail system.



Mission Viejo general wayfinding program



Mission Viejo recreation amenities wayfinding program

Implementation Strategy

NEXT STEPS

The City of Mission Viejo recognizes that its Comprehensive Bikeway and Transportation Connectivity Master Plan is a multi-year/multi-decade effort that will require continuous focus to capitalize on opportunities as they become available. To accomplish this, the City will:

- Identify when, where and how to ask for easements to expand the trail system
- Apply for funding through various state and federal programs to facilitate planning, design and implementation of the plan
- Embrace flexibility of design elements to ensure they are scalable and achievable over time
- Keep the need and importance of the Comprehensive Bikeway and Transportation Connectivity Master Plan alive and relevant and adaptable to changing circumstances and trends

MOVING TO COMPLETION

The City of Mission Viejo Comprehensive Bikeway and Transportation Connectivity Master Plan was conceived as a multi-year planning document and will require constant focus and City resources (staff and funding) to keep interest alive in the community. The City of Mission Viejo has an excellent reputation for completing projects, and continually “working the plan” will ensure that the recommendations herein are implemented.

MISSION VIEJO ACTIONS

The following are key action items that will need to be completed:

1. Develop a resolution for the Planning Commission to recommend and for the City Council to adopt that will increase the bike speed limit on designated City sidewalks that will be used as MUTSS (Multi-Use Trail Shared Sidewalks)
2. Install signage on MUTSS and existing Class I trails to provide clear direction and a connected trail system
3. Install striping on the sides of the Class I bikeways
4. As funds become available, begin to install bicycle passing zones on the MUTSS trails that are narrower than standard width to allow safe bicycle trail use
5. Develop a marketing campaign to promote trail etiquette
6. Continue to work with the Orange County Sheriff's Department to increase their presence on the City's trails



Appendix



Appendix A

Oso Creek Lake
Loop Connectivity
Plan

"Mission Viejo is an esteemed South OC community for families and mature individuals who seek and value a gracious and active outdoor lifestyle, in harmony with the natural environment."

- Brand Application Standards Guide

LAKE LOOP CONNECTIVITY PLAN

OF THE OSO CREEK TRAIL

REVISED: 9/21/16

Prepared for:



MISSION VIEJO

Prepared by:





EXECUTIVE SUMMARY

Lake Mission Viejo is one of the most iconic and recognizable land marks in Mission Viejo. Over a period of years recreational use patterns shift and change to meet the growing demands of the community.

The Opportunity Study considers the ability to enhance the existing lake loop trail and seek opportunities to connect the loop trail to the Oso Creek Trail. Lake Mission Viejo developed as part of the Mission Viejo Company master plan. Lake Mission Viejo is unique to Orange County as the largest and deepest manmade lake. It is also the most sustainable lake using advanced treated water. Throughout the week several thousand people walk around the 3.1 mile lake loop trail and enjoy glimpses of the water and Saddleback Mountain views. This connectivity study focuses on the potential aesthetics and physical links to the Oso Creek Trail from the north and south and also identifies opportunities to improve the visual experience around the "lake loop" of the Oso Creek Trail. The original plan, as developed in the company masterplan only creates opportunities to enjoy lake views from Alicia Parkway as part of the Lakeside Promenade and minimal views along Olympiad road. The connectivity plan also identifies enhanced viewing areas along Olympiad Road as well as at the corner of Alicia and Marguerite Parkways. Providing more opportunities for residence to sit and enjoy the views of the lake. Additionally the study identifies a new trail head on Olympiad road with a restroom and off street parking so residence can drive and meet at the trail head. Finally the plan seeks to conceptually identify an expansion north and south of the Oso Creek Trail (North to Los Aliso Boulevard and South to Montanoso Recreation Center).

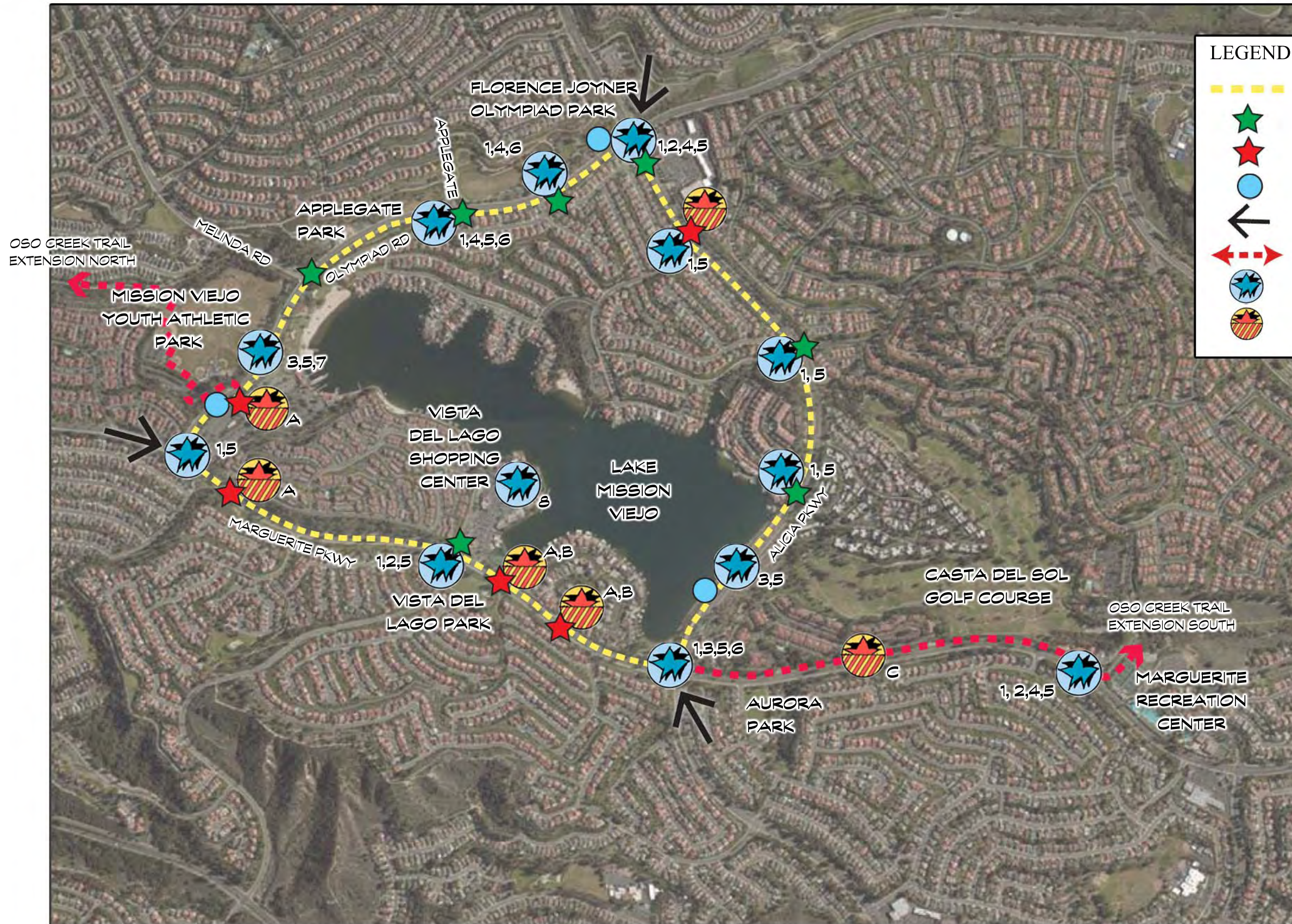
DOCUMENT ORGANIZATION

This document is organized in five parts conceptually illustrating the Lake Loop Master Plan

- *Vicinity Map*: Provides and overview of the planning areas being researched and the adjacent locations.
- *Opportunities / Constraints Analysis*: Outlines the opportunities to strengthen the Lake Loop as well as some of the constraints / challenges that exist.
- *Property Ownership Map*: is a parcel overlay identifying many of the property owners along the Lake Loop Trail.
- *Individual Opportunity Site Recommendations*: Each opportunity site identified on the Vicinity Map are enlarged to graphically illustrate potential improvements within each area.
- *Detailed Concepts*: Illustrate in detail the design elements outlined in the Individual Opportunity Site Recommendations



LEGEND	
	LAKE LOOP PATH
	OSO CREEK CONNECTION (FUTURE)
	MARGURITE PKWY & ALICIA PKWY
	MARGURITE PKWY & VISTA DEL LAGO
	MARGURITE PKWY & OLYMPIAD RD
	OLYMPIAD RD & MELINDA RD
	OLYMPIAD RD & ALICIA PKWY
	ALICIA PKWY & LANZAROTE
	ALICIA PKWY & CALLE AZORIN
	MARGUERITE PKWY & CASTA DEL SOL
	OLYMPIAD RD OPPORTUNITY
	APPLEGATE PARK OPPORTUNITY
	ALICIA PKWY OPPORTUNITY
	MARGURITE PKWY OPPORTUNITY



LEGEND

- LAKE LOOP PATH
- ★ EXISTING SIGNALIZED INTERSECTION
- ★ EXISTING NON SIGNALIZED INTERSECTION
- EXISTING DRINKING FOUNTAIN
- ← MAJOR ACCESS POINT
- - - CONNECTION TO LOOP/ TRAILHEAD
- ★ OPPORTUNITY SITE (SEE INDEX BELOW)
- CONSTRAINT (SEE INDEX BELOW)

OPPORTUNITY INDEX

1. INTERSECTION IMPROVEMENTS
2. DRINKING FOUNTAIN / WATER BOTTLE REFILL STATION IMPROVEMENTS
3. GATHERING SPACE IMPROVEMENTS
4. TRAIL ALIGNMENT MODIFICATION
5. THEMATIC / BRANDING OPPORTUNITY
6. POTENTIAL PARK SITE
7. LIGHTED CROSSING (ACROSS LMVA / YAP)
8. IMPROVED CONNECTION TO SHOPPING CENTER

CONSTRAINT INDEX

- A. NON SIGNALIZED INTERSECTION
- B. ASPHALT / CONCRETE MIXED PATH
- C. LACK OF TRAIL IDENTIFICATION

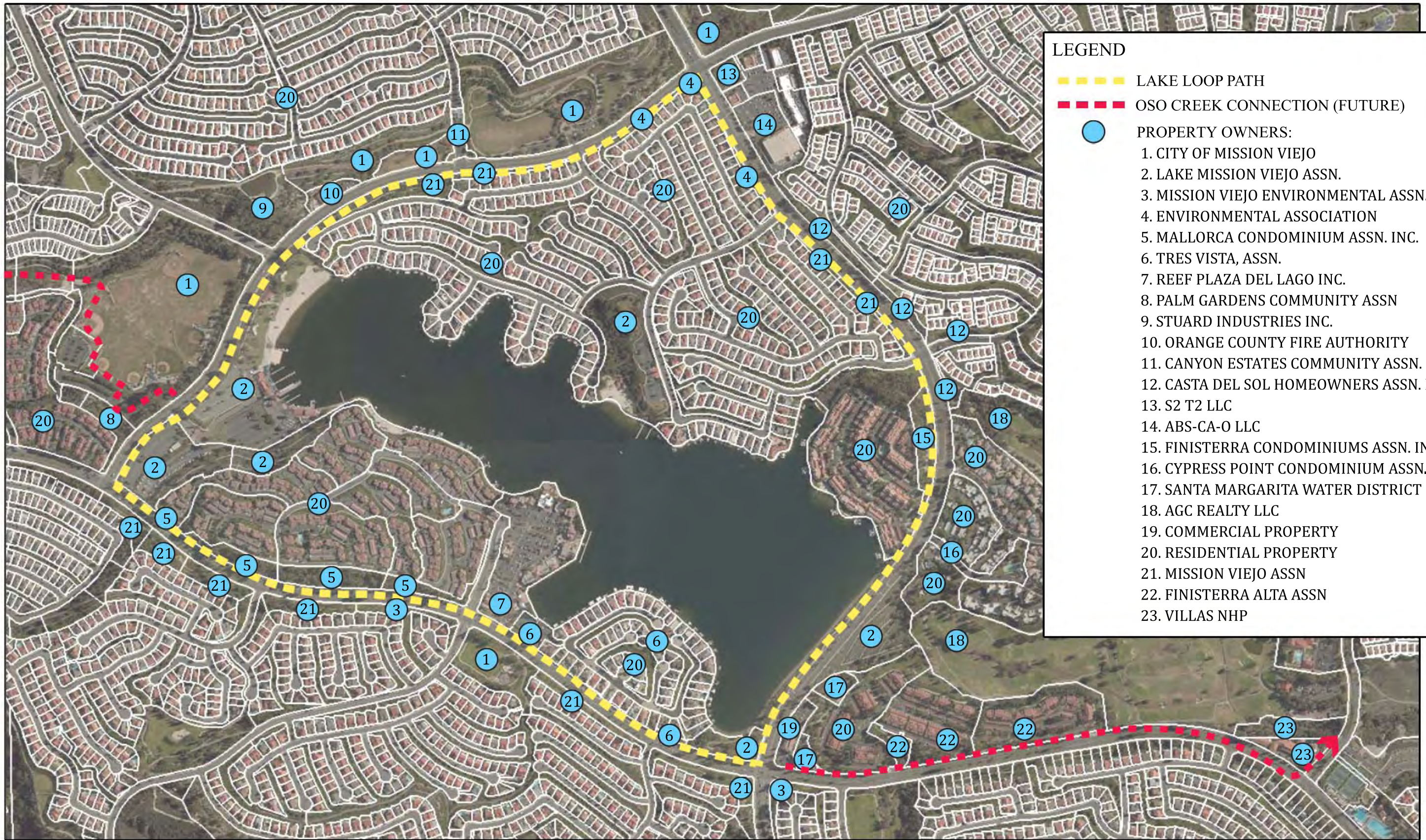


9/21/16

OPPORTUNITIES/ CONSTRAINT ANALYSIS

LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL

CITY OF MISSION VIEJO, CALIFORNIA



LEGEND

- LAKE LOOP PATH
- OSO CREEK CONNECTION (FUTURE)
- PROPERTY OWNERS:
 1. CITY OF MISSION VIEJO
 2. LAKE MISSION VIEJO ASSN.
 3. MISSION VIEJO ENVIRONMENTAL ASSN.
 4. ENVIRONMENTAL ASSOCIATION
 5. MALLORCA CONDOMINIUM ASSN. INC.
 6. TRES VISTA, ASSN.
 7. REEF PLAZA DEL LAGO INC.
 8. PALM GARDENS COMMUNITY ASSN
 9. STUARD INDUSTRIES INC.
 10. ORANGE COUNTY FIRE AUTHORITY
 11. CANYON ESTATES COMMUNITY ASSN.
 12. CASTA DEL SOL HOMEOWNERS ASSN. INC.
 13. S2 T2 LLC
 14. ABS-CA-O LLC
 15. FINISTERRA CONDOMINIUMS ASSN. INC.
 16. CYPRESS POINT CONDOMINIUM ASSN.
 17. SANTA MARGARITA WATER DISTRICT
 18. AGC REALTY LLC
 19. COMMERCIAL PROPERTY
 20. RESIDENTIAL PROPERTY
 21. MISSION VIEJO ASSN
 22. FINISTERRA ALTA ASSN
 23. VILLAS NHP



9/21/16

PROPERTY OWNERSHIP MAP

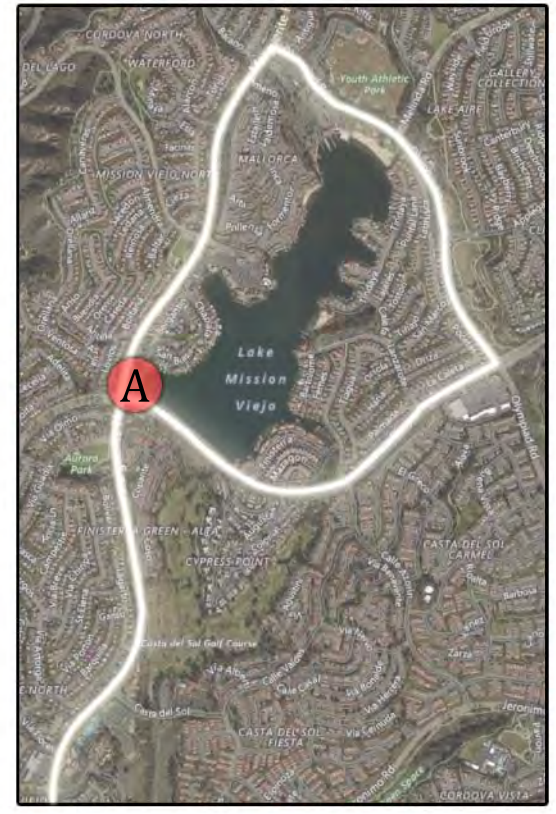
LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL

CITY OF MISSION VIEJO, CALIFORNIA

THIS DOCUMENT IS THE PROPERTY OF RJM DESIGN GROUP, INC., AND NO PART THEREOF SHALL BE USED, REUSED, OR MODIFIED WITHOUT THE WRITTEN CONSENT OF RJM DESIGN GROUP, INC. © 2016 RJM Design Group, Inc. All rights reserved.



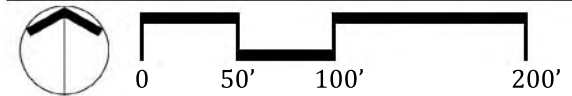
- LEGEND**
- ① EXISTING LAKE LOOP PATH
 - ② PROPOSED 8' WIDE DG TRAIL
 - ③ PROPOSED VIEW SEATING
 - ④ EXISTING FENCE LINE
 - ⑤ PROPOSED NEW LAKE MISSION VIEJO ELECTRONIC READER BOARD
 - ⑥ PROPOSED SEATING PODS
 - ⑦ EXISTING CONCRETE WALK
 - ⑧ PROPOSED DRINKING FOUNTAIN / WATER BOTTLE REFILL STATION
 - ⑨ PROPOSED TRAIL PAVEMENT MONUMENTATION
 - ⑩ PROPOSED SCREEN PLANTING



NOTE:
OPPORTUNITY SITE A IS ON LAKE ASSOCIATION PROPERTY.
COORDINATION WITH LAKE REQUIRED.



9/21/16



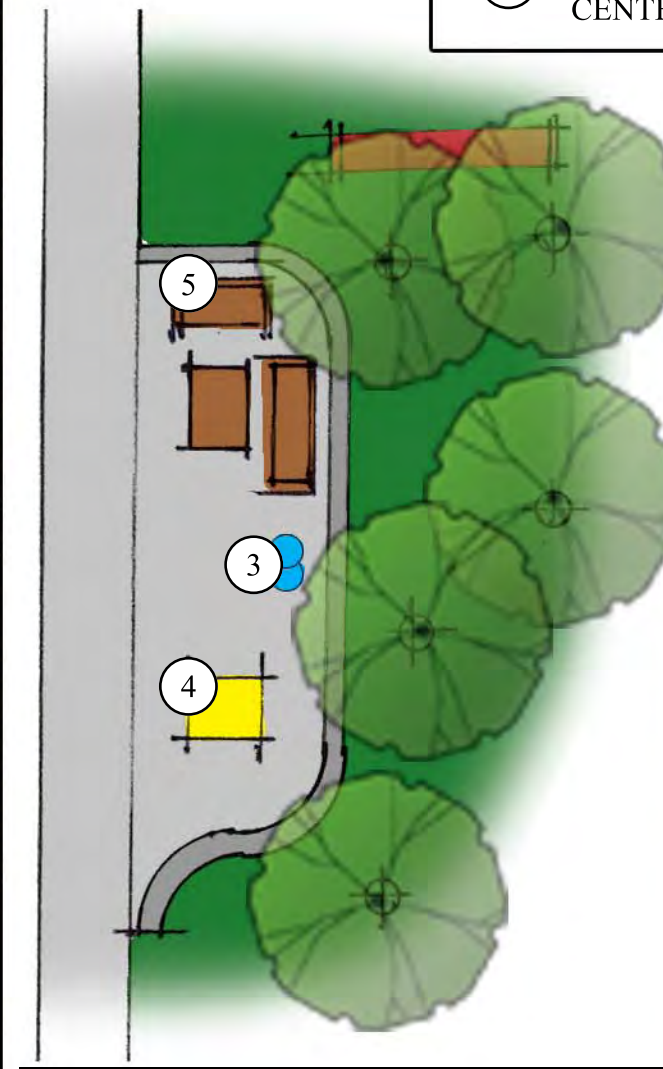
OPPORTUNITY SITE A: MARGUERITE PKWY & ALICIA PKWY
LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL
 CITY OF MISSION VIEJO, CALIFORNIA

THIS DOCUMENT IS THE PROPERTY OF RJM DESIGN GROUP, INC., AND NO PART THEREOF SHALL BE USED, REUSED, OR MODIFIED WITHOUT THE WRITTEN CONSENT OF RJM DESIGN GROUP, INC. © 2016 RJM Design Group, Inc. All rights reserved.



LEGEND

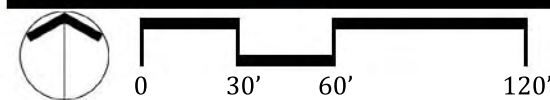
- ① EXISTING LAKE LOOP PATH
- ② PROPOSED TRAIL PAVEMENT MONUMENTATION
- ③ PROPOSED DRINKING FOUNTAIN / WATER BOTTLE REFILL STATION
- ④ PROPOSED TRAIL MONUMENTATION
- ⑤ PROPOSED SEATING POD
- ⑥ IMPROVED CONNECTION TO SHOPPING CENTER



TRAIL HEAD ENLARGEMENT



9/21/16



OPPORTUNITY SITE B: MARGUERITE PKWY & VISTA DEL LAGO

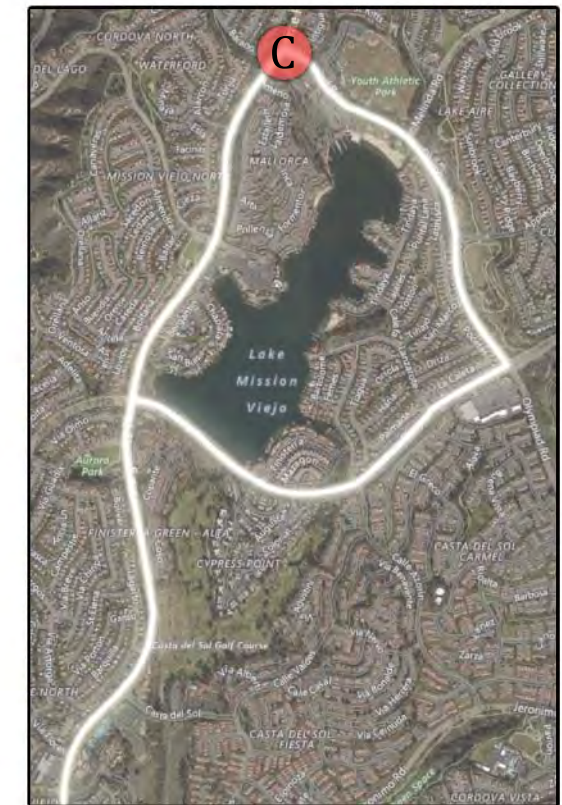
LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL

CITY OF MISSION VIEJO, CALIFORNIA

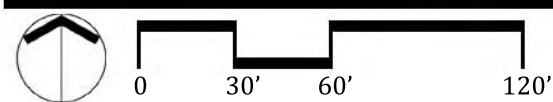
THIS DOCUMENT IS THE PROPERTY OF RJM DESIGN GROUP, INC., AND NO PART THEREOF SHALL BE USED, REUSED, OR MODIFIED WITHOUT THE WRITTEN CONSENT OF RJM DESIGN GROUP, INC. © 2016 RJM Design Group, Inc. All rights reserved.



- LEGEND**
- ① EXISTING LAKE LOOP PATH
 - ② PROPOSED TRAIL MONUMENTATION
 - ③ ENHANCED CONCRETE PAVING / PAVERS
 - ④ SPLIT RAIL FENCING (CITY STANDARD)



9/21/16

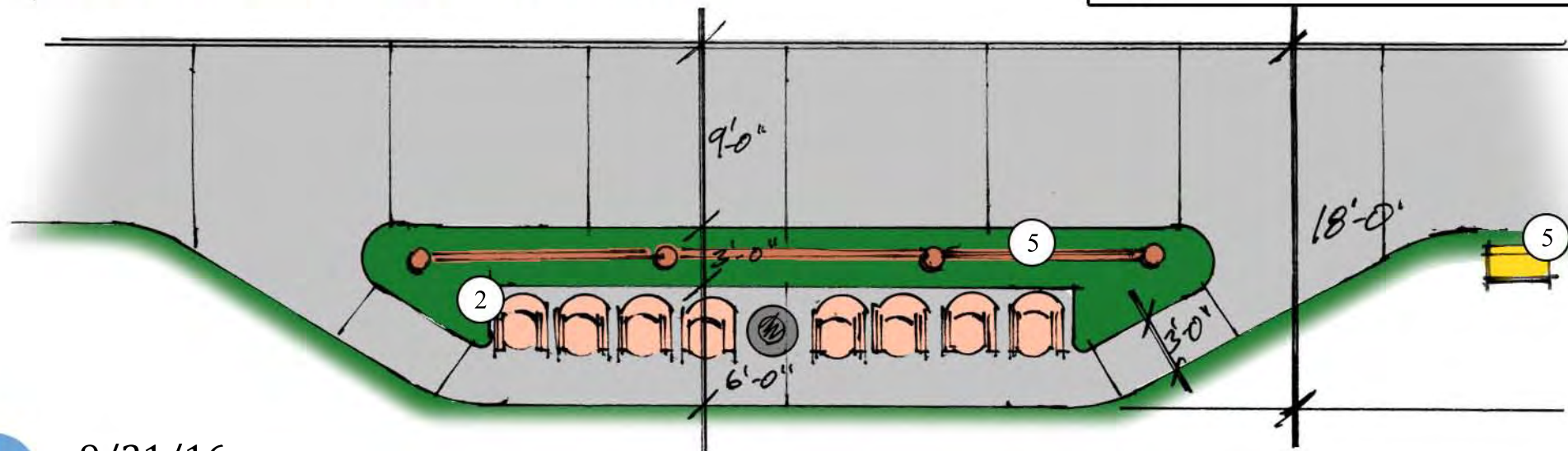


OPPORTUNITY SITE C: MARGUERITE PKWY & OLYMPIAD ROAD
LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL
 CITY OF MISSION VIEJO, CALIFORNIA



LEGEND

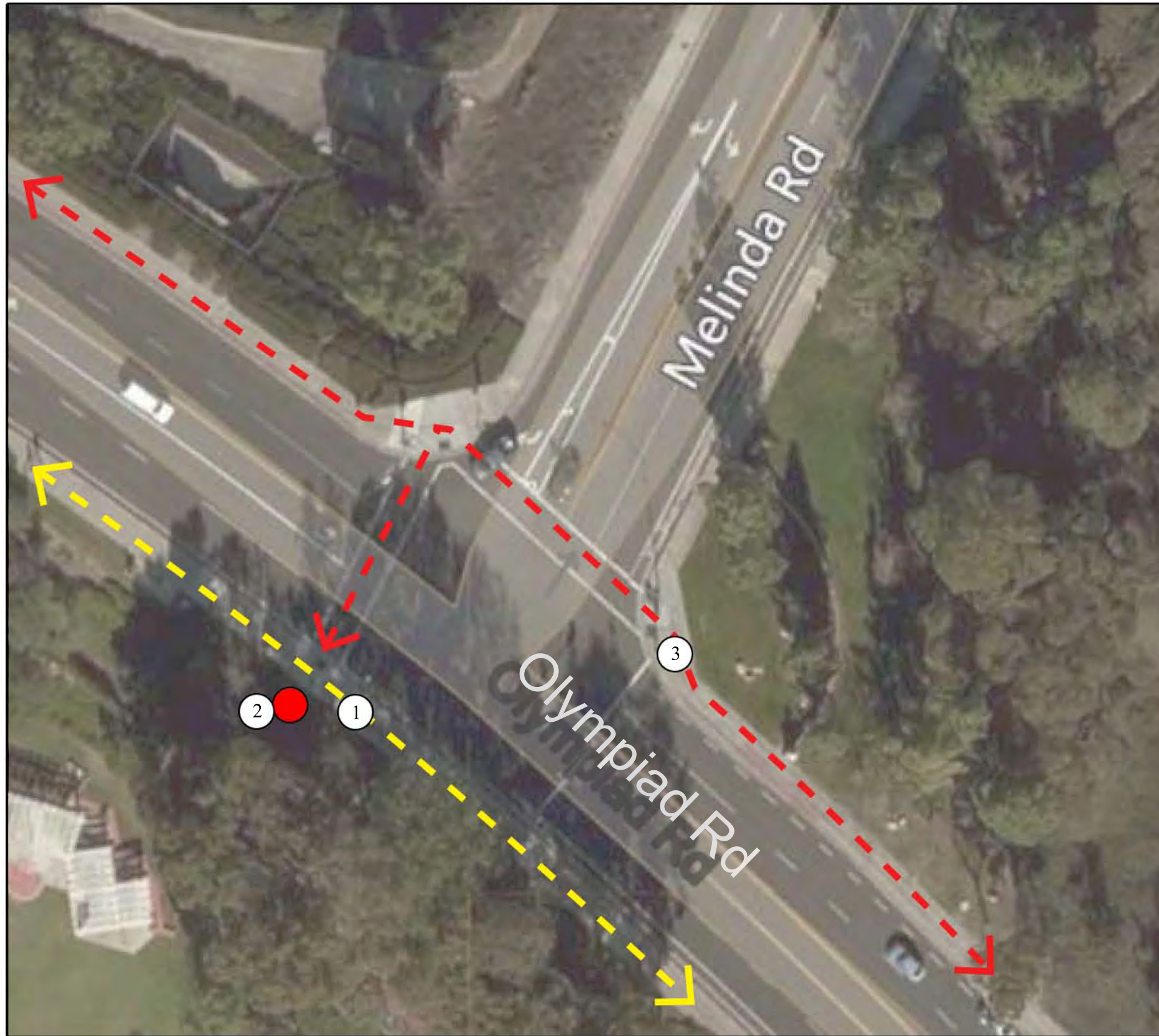
- ① EXISTING LAKE LOOP PATH
- ② PROPOSED ADIRONDACK SEATING AREA AT KEY VIEW CORRIDORS (LOCATION TBD)
- ③ PROPOSED WALK REALIGNMENT
- ④ PROPOSED TRAIL MONUMENTATION / ART WALL (SEE OPPORTUNITY SITE D)
- ⑤ OSO CREEK THEMING ELEMENTS / SIGNAGE
- ⑥ PROPOSED FLASHING CROSSWALK



9/21/16

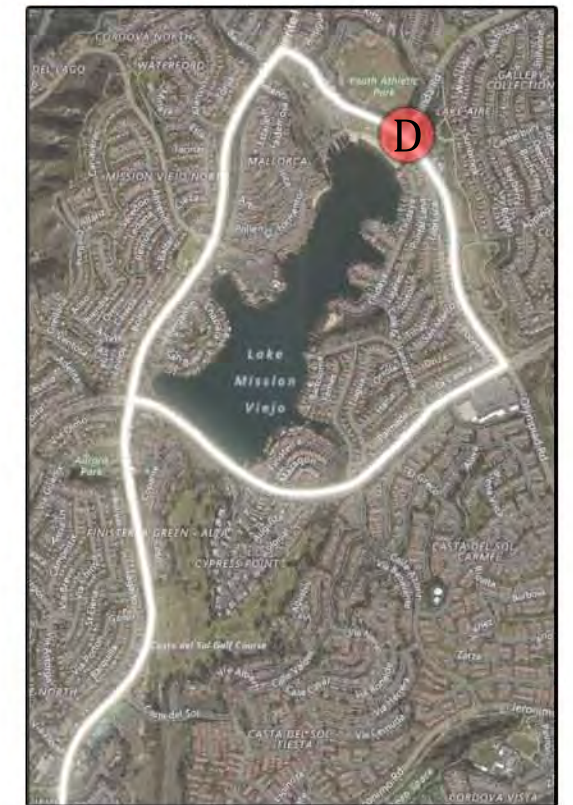


OLYMPIAD ROAD OPPORTUNITY 1
LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL
 CITY OF MISSION VIEJO, CALIFORNIA

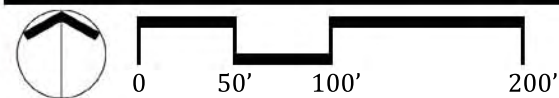


LEGEND

- ① EXISTING LAKE LOOP PATH
- ② PROPOSED TRAIL MONUMENTATION / ART WALL
- ③ FUTURE OSO CREEK/ARROYO TRAIL CONNECTION FROM APPLGATE PARK OPPORTUNITY



9/21/16

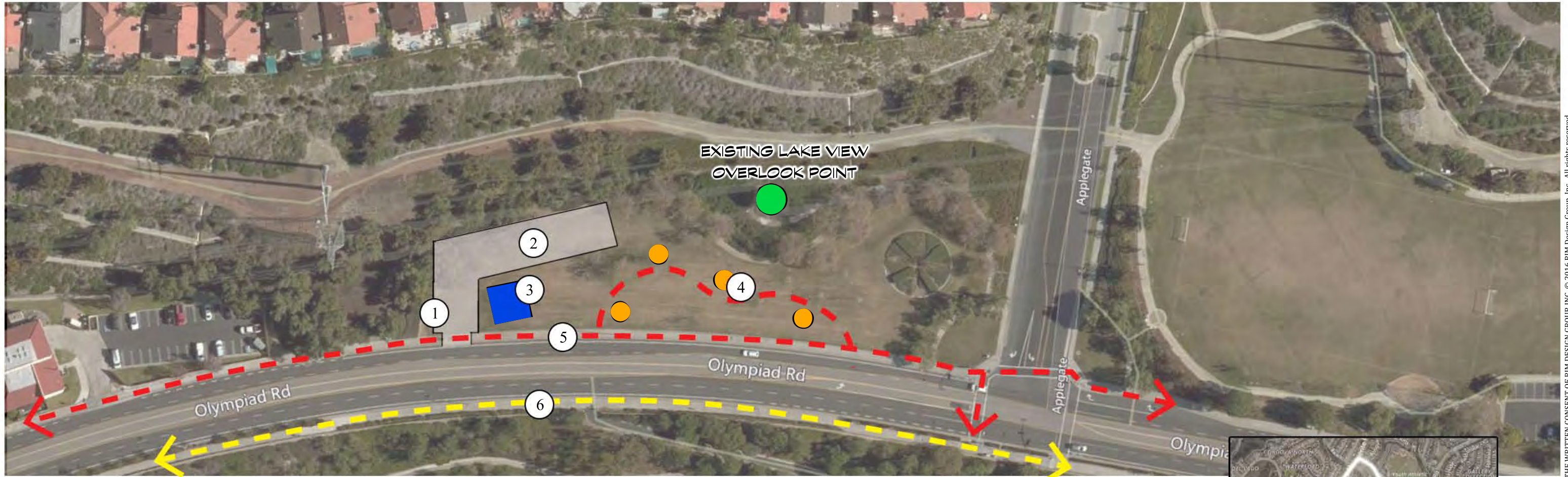


OPPORTUNITY SITE D: OLYMPIAD ROAD & MELINDA ROAD

LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL

CITY OF MISSION VIEJO, CALIFORNIA

THIS DOCUMENT IS THE PROPERTY OF RJM DESIGN GROUP, INC., AND NO PART THEREOF SHALL BE USED, REUSED, OR MODIFIED WITHOUT THE WRITTEN CONSENT OF RJM DESIGN GROUP, INC. © 2016 RJM DESIGN GROUP, INC. All rights reserved.



4

LEGEND	
①	PARKING ENTRY DRIVE / TRAIL HEAD
②	PARKING (30-40 STALLS)
③	RESTROOM BUILDING
④	DECOMPOSED GRANITE WALKING TRAIL WITH EXERCISE STATIONS
⑤	FUTURE OSO CREEK/ARROYO TRAIL CONNECTION
⑥	EXISTING LAKE LOOP PATH



9/21/16

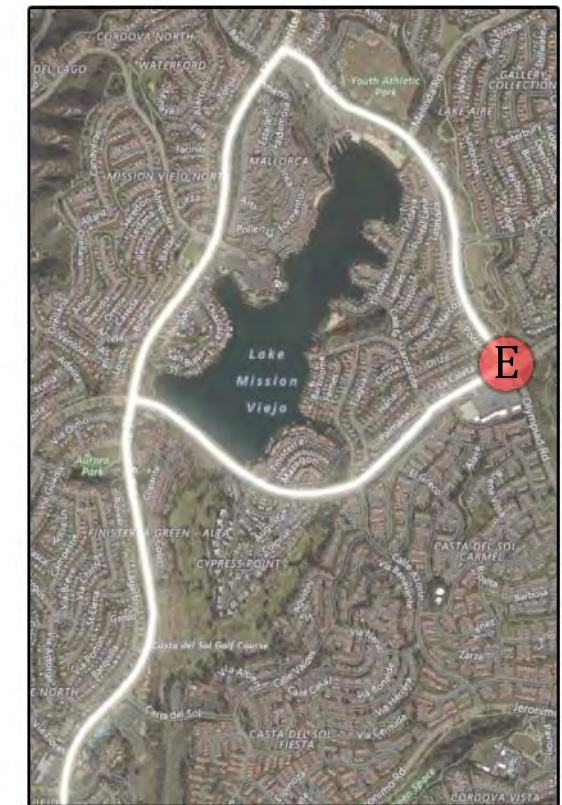
APPLEGATE PARK OPPORTUNITY
LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL
 CITY OF MISSION VIEJO, CALIFORNIA

THIS DOCUMENT IS THE PROPERTY OF RJM DESIGN GROUP, INC., AND NO PART THEREOF SHALL BE USED, REUSED, OR MODIFIED WITHOUT THE WRITTEN CONSENT OF RJM DESIGN GROUP, INC. © 2016 RJM DESIGN GROUP, INC. All rights reserved.

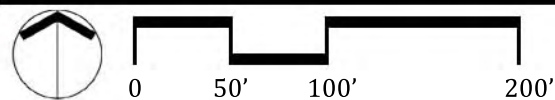


LEGEND

①	EXISTING LAKE LOOP PATH
②	PROPOSED TRAIL MONUMENTATION
③	ENHANCED CONCRETE PAVING / PAVERS



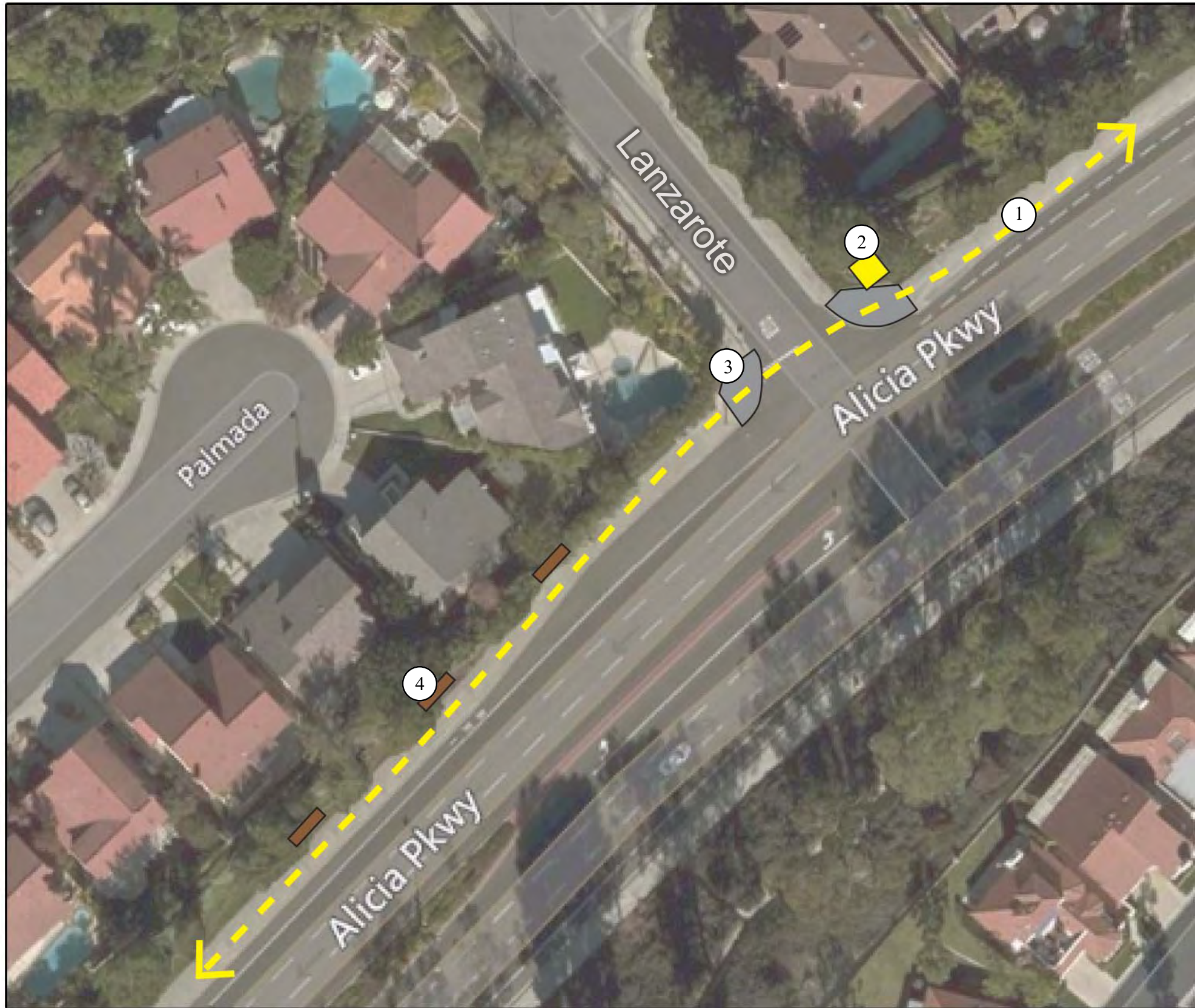
9/21/16



OPPORTUNITY SITE E: OLYMPIAD ROAD & ALICIA PKWY

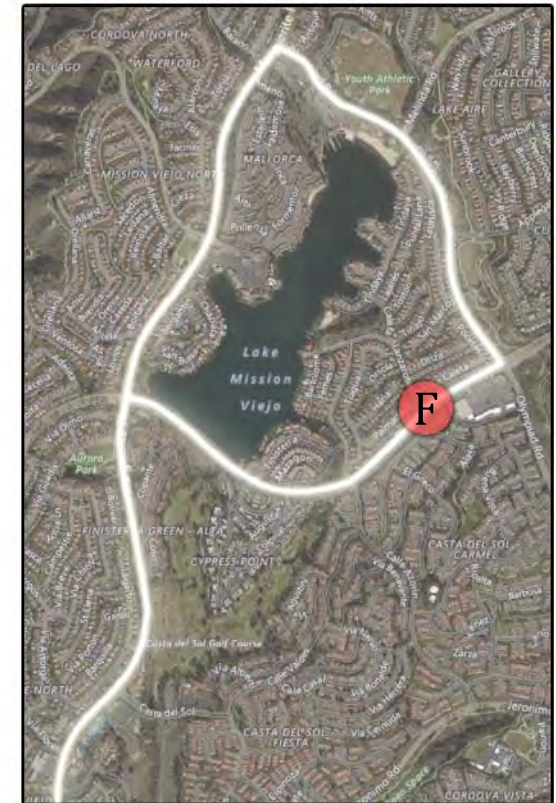
LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL

CITY OF MISSION VIEJA, CALIFORNIA

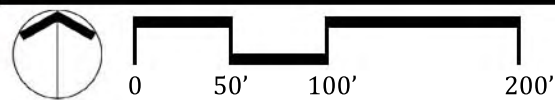


LEGEND

- ① EXISTING LAKE LOOP PATH
- ② PROPOSED EAST BEACH SIGNAGE
- ③ ENHANCED CONCRETE PAVING / PAVERS
- ④ PROPOSED SEATING POD (LOCATIONS TO BE FIELD VERIFIED)



9/21/16



OPPORTUNITY SITE F: ALICIA PKWY & LANZAROTE

LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL

CITY OF MISSION VIEJO, CALIFORNIA

THIS DOCUMENT IS THE PROPERTY OF RJM DESIGN GROUP, INC., AND NO PART THEREOF SHALL BE USED, REUSED, OR MODIFIED WITHOUT THE WRITTEN CONSENT OF RJM DESIGN GROUP, INC. © 2016 RJM Design Group, Inc. All rights reserved.

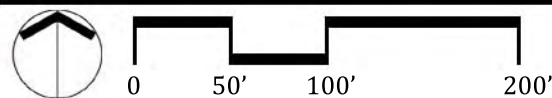


LEGEND

- ① EXISTING LAKE LOOP PATH
- ② PROPOSED EAST BEACH SIGNAGE
- ③ ENHANCED CONCRETE PAVING / PAVERS



9/21/16



OPPORTUNITY SITE G: ALICIA PKWY & CALLE AZORIN

LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL

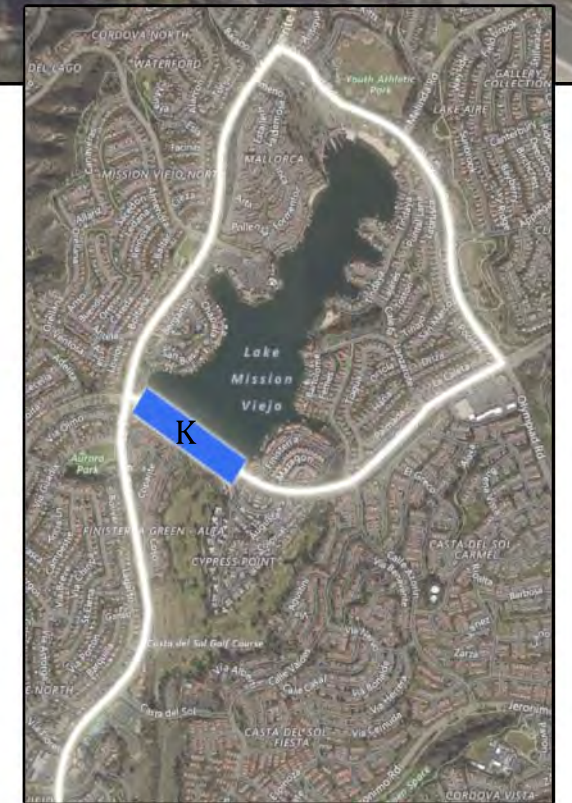
CITY OF MISSION VIEJO, CALIFORNIA

THIS DOCUMENT IS THE PROPERTY OF RJM DESIGN GROUP, INC., AND NO PART THEREOF SHALL BE USED, REUSED, OR MODIFIED WITHOUT THE WRITTEN CONSENT OF RJM DESIGN GROUP, INC. © 2016 RJM Design Group, Inc. All rights reserved.



LEGEND

- ① EXISTING LAKE LOOP PATH
- ② PROPOSED ADIRONDACK CHAIRS AT EXISTING SEATING AREAS
- ③ PROPOSED TRAIL MONUMENTATION





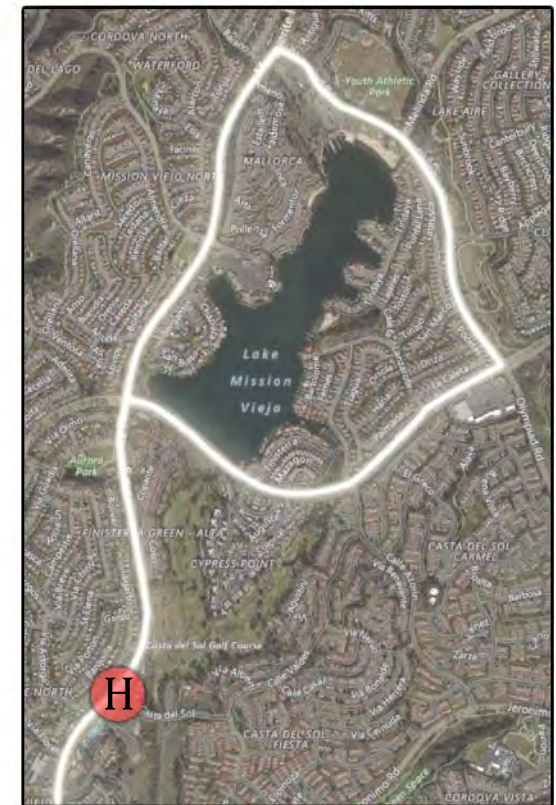
LEGEND

- ① OSO CREEK CONNECTION (FUTURE)
- ② OSO CREEK THEMING ELEMENTS
SPLIT RAIL FENCING
WAYFINDING
PLANTING / ROCK ELEMENTS

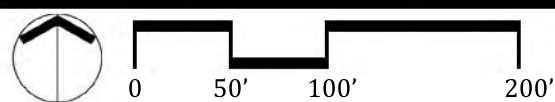




- LEGEND**
- ① TRAIL TO LAKE LOOP PATH
 - ② CONNECTION TO FUTURE TRAILHEAD
 - ③ PROPOSED DRINKING FOUNTAIN / WATER BOTTLE REFILL STATION
 - ④ PROPOSED TRAIL MONUMENTATION



9/21/16

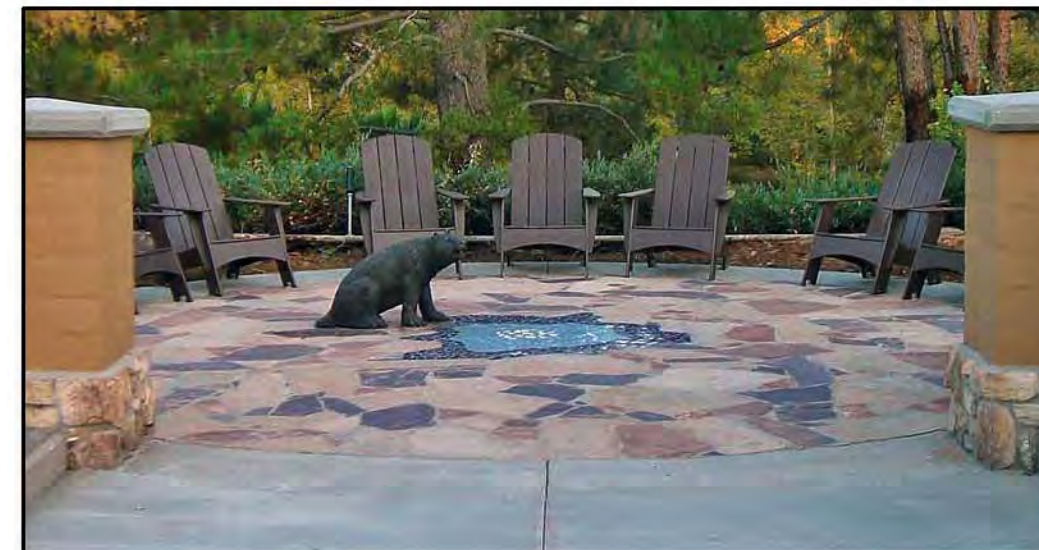


OPPORTUNITY SITE H: MARGUERITE PKWY & CASA DEL SOL

LAKE LOOP CONNECTIVITY PLAN OF THE OSO CREEK TRAIL

CITY OF MISSION VIEJA, CALIFORNIA

THIS DOCUMENT IS THE PROPERTY OF RJM DESIGN GROUP, INC., AND NO PART THEREOF SHALL BE USED, REUSED, OR MODIFIED WITHOUT THE WRITTEN CONSENT OF RJM DESIGN GROUP, INC. © 2016 RJM Design Group, Inc. All rights reserved.







Appendix B

Public
Outreach/Online
Survey