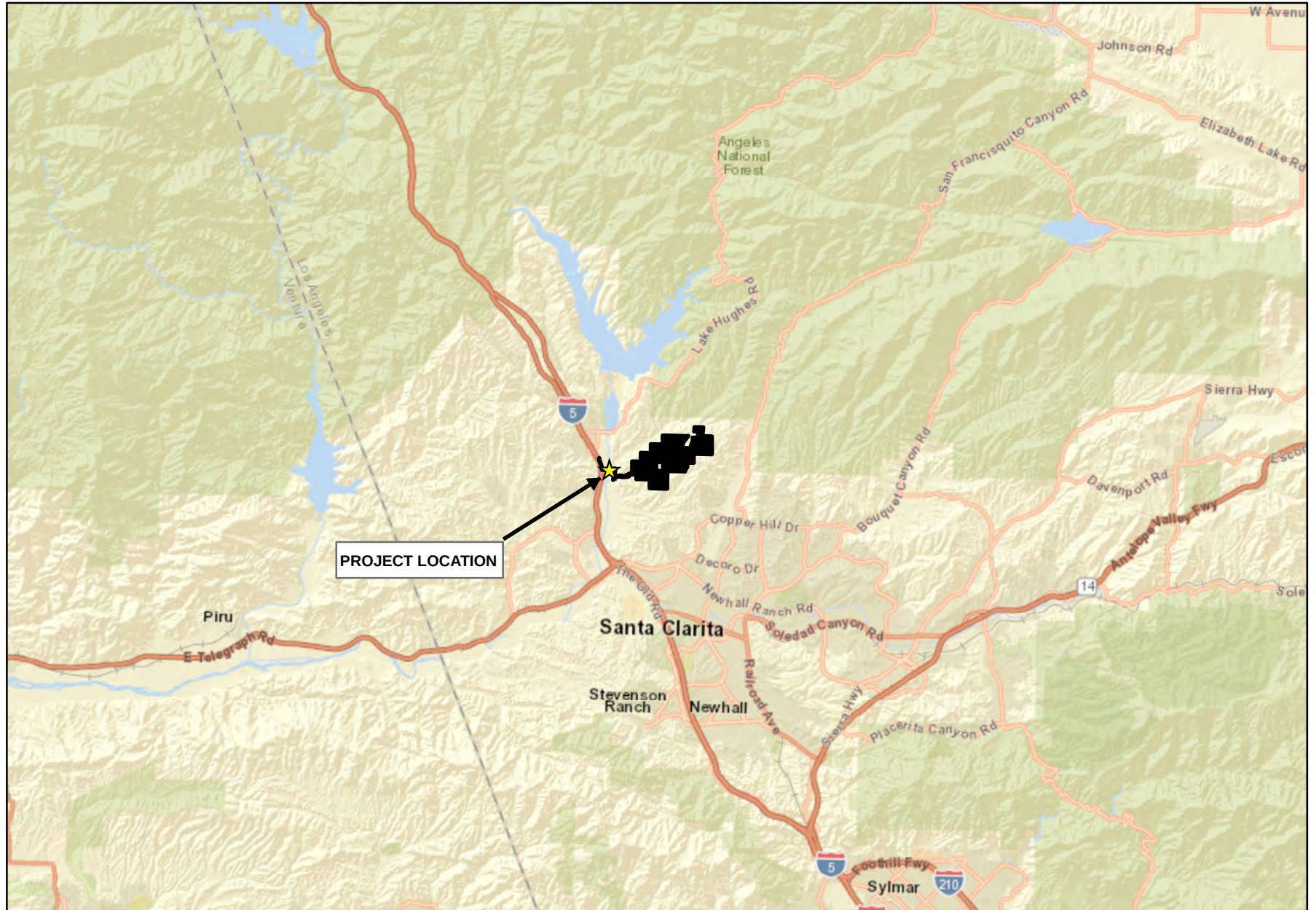


Source: ESRI World Street Map



0
2
4
8
Miles



PROJECT LOCATION

TAPIA RANCH DEVELOPMENT PROJECT

Regional Map

GLENN LUKOS ASSOCIATES

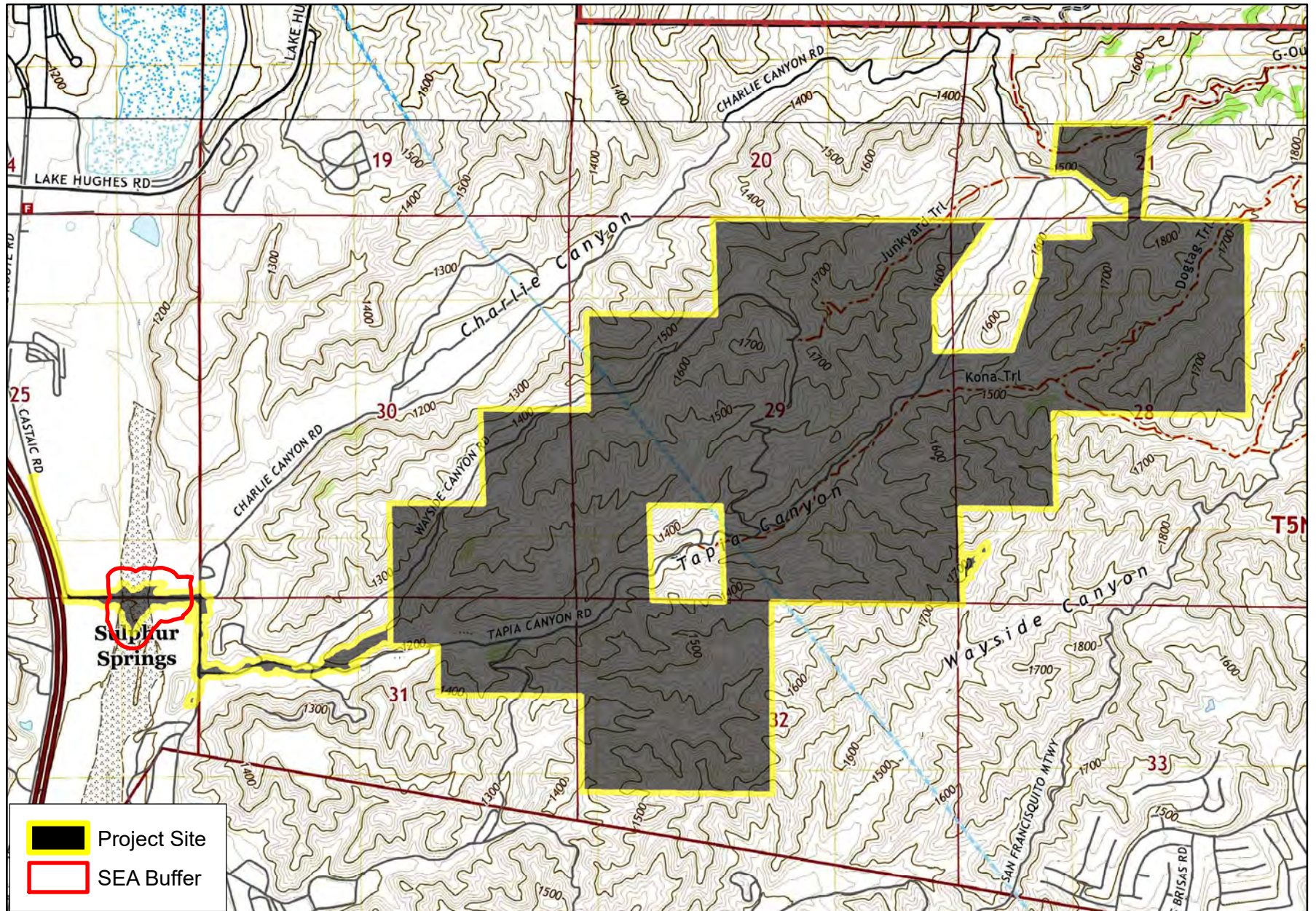
Exhibit 1



Adapted from USGS Newhall &
Warm Springs Mountain, CA quadrangles



0 1,000 2,000 4,000
Feet



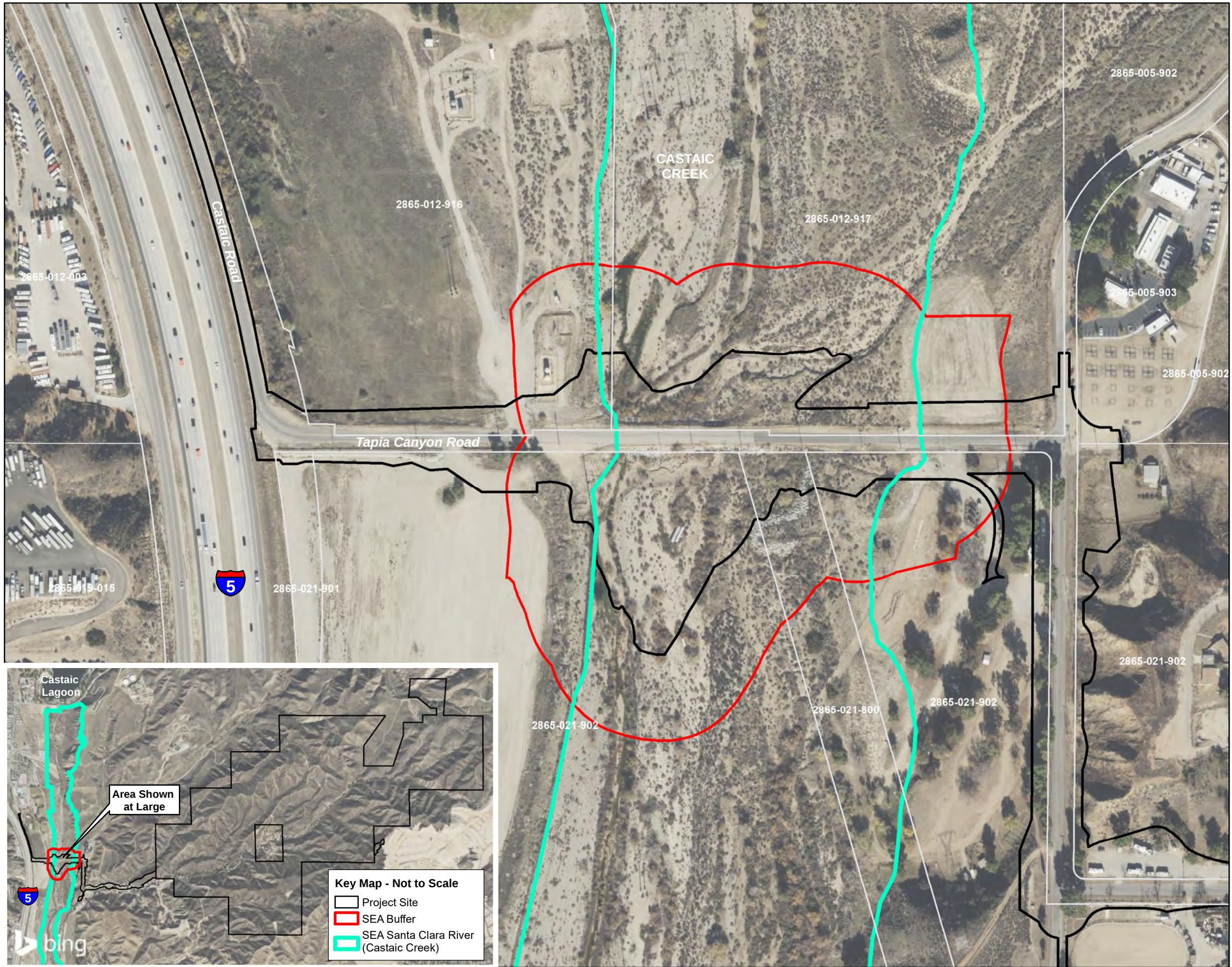
TAPIA RANCH DEVELOPMENT PROJECT

Vicinity Map

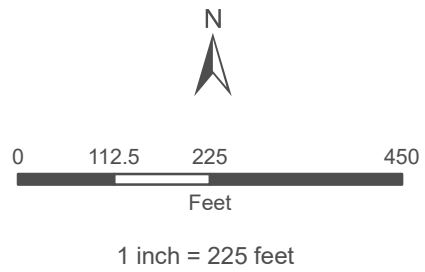
GLENN LUKOS ASSOCIATES



Exhibit 2



- Project Development Footprint
- LA County Parcels
- SEA Santa Clara River (Castaic Creek)
- SEA Buffer

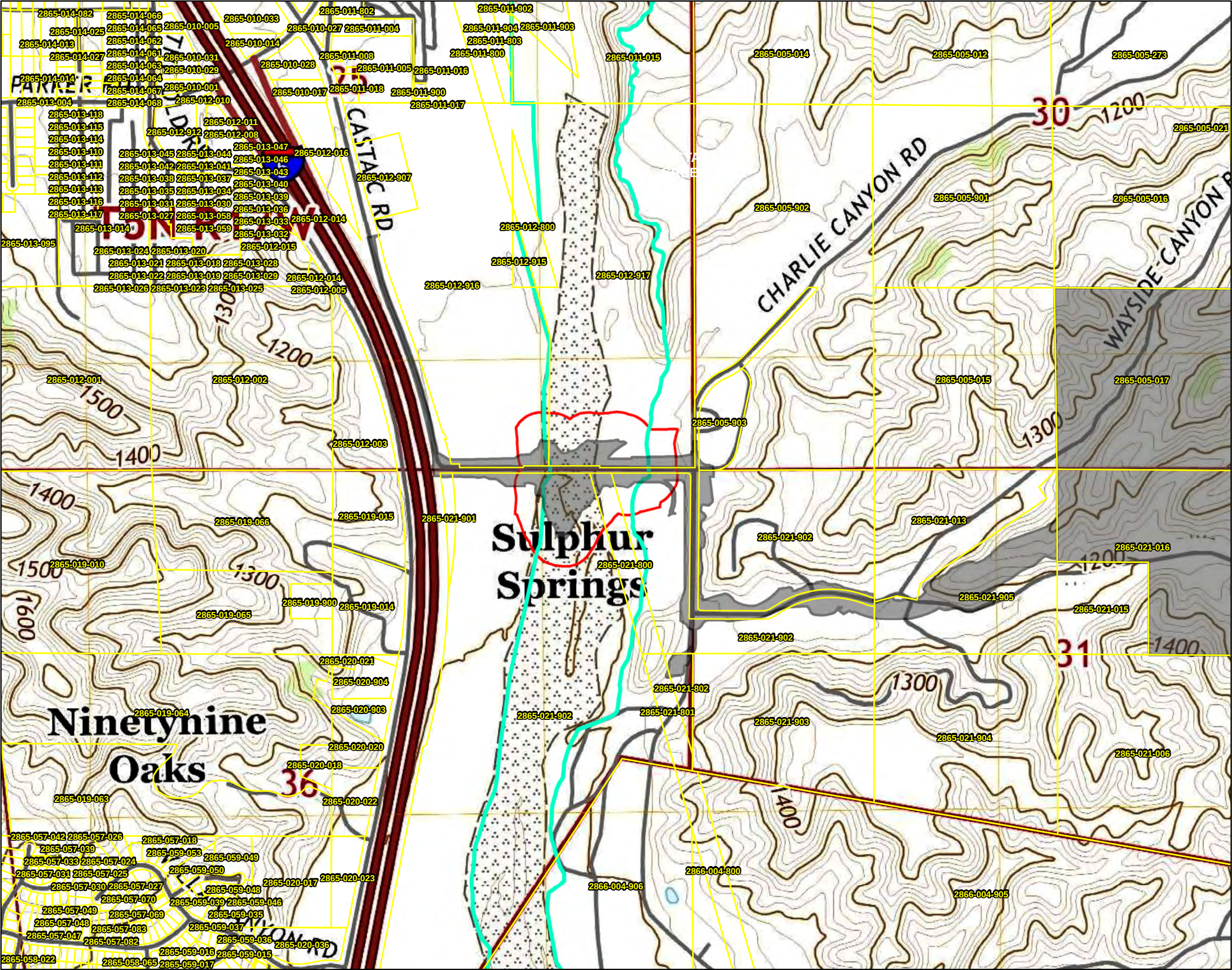


**TAPIA RANCH
DEVELOPMENT PROJECT**
Project Site Map

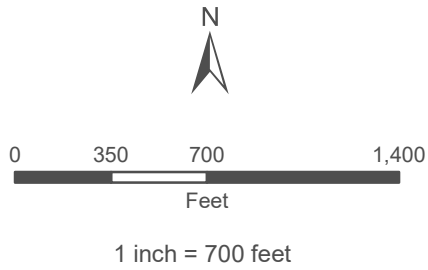
GLENN LUKOS ASSOCIATES



Exhibit 3A



- Project Development Footprint
- SEA Santa Clara River (Castaic Creek)
- SEA Buffer
- LA County Parcels

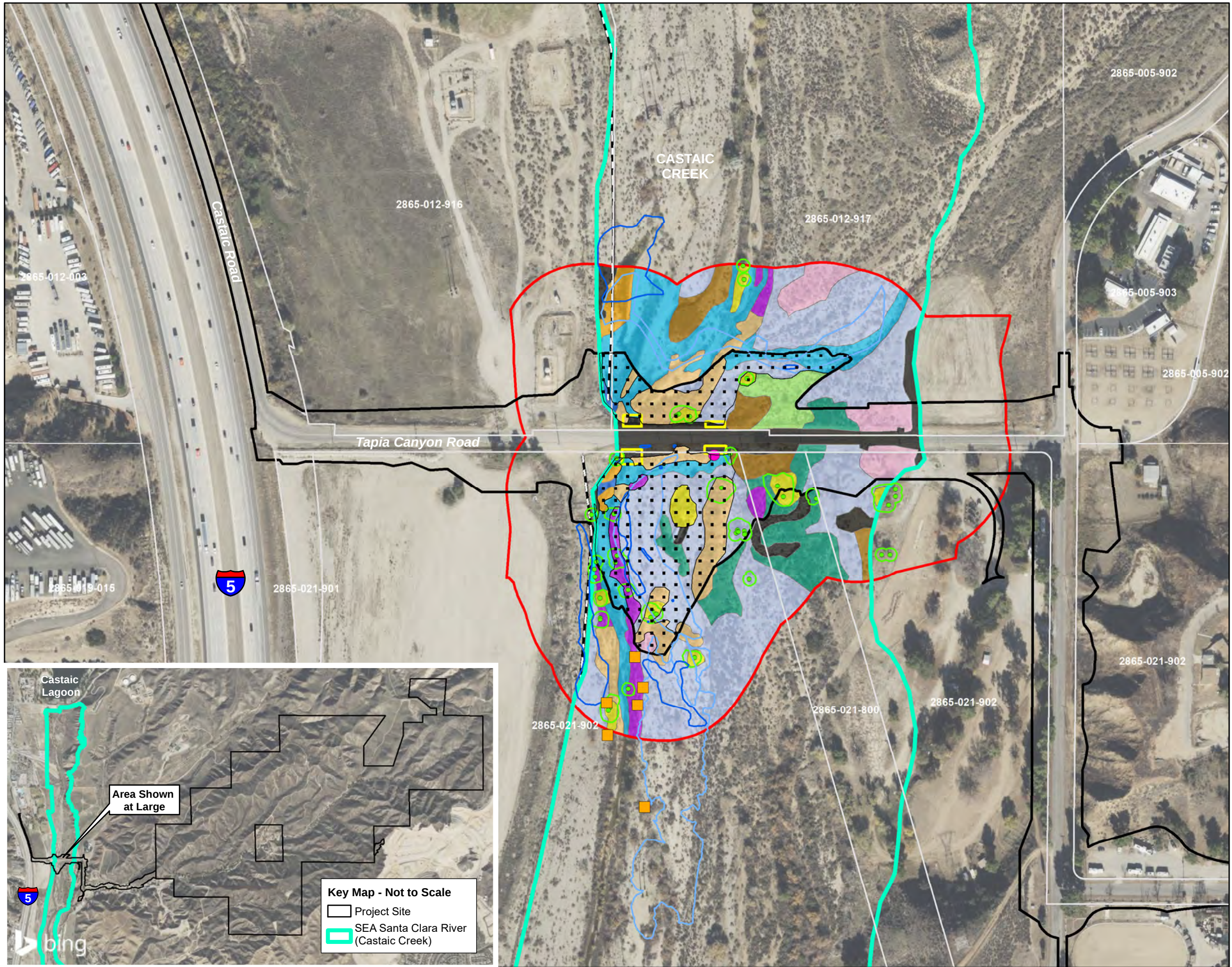


**TAPIA RANCH
DEVELOPMENT PROJECT**

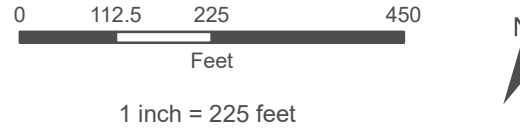
Project Site Map

GLENN LUKOS ASSOCIATES

Exhibit 3B



- Project Development Footprint
- LA County Parcels
- SEA Santa Clara River (Castaic Creek)
- SEA Buffer
- Hydrological Resources**
 - Hydrologic Resources – Category 1
- Natural Communities**
 - Arroyo Willow Thickets
 - California Buckwheat Scrub
 - California Sagebrush Scrub
 - Disturbed/Developed
 - Fremont Cottonwood Forest and Woodland
 - Sandbar Willow Thickets
 - Sandy Wash
 - Scale broom scrub
 - Southern Cattail Marshes
 - Tamarisk thickets
 - Wild oats and annual brome grasslands
 - Yerba Santa Scrub
- Sensitive Species**
 - White Rabbit Tobacco (2018) - Category 1
 - White Rabbit Tobacco (2022) - Category 1
 - Burrowing Owl – Category 2
 - Least Bell's Vireo Pair observed locations
- SEA Protected Trees**
 - SEA Tree
 - SEA Tree Protection Zone
- Wildlife Movement Obstructions**
 - Culverts
 - Erosional Fencing

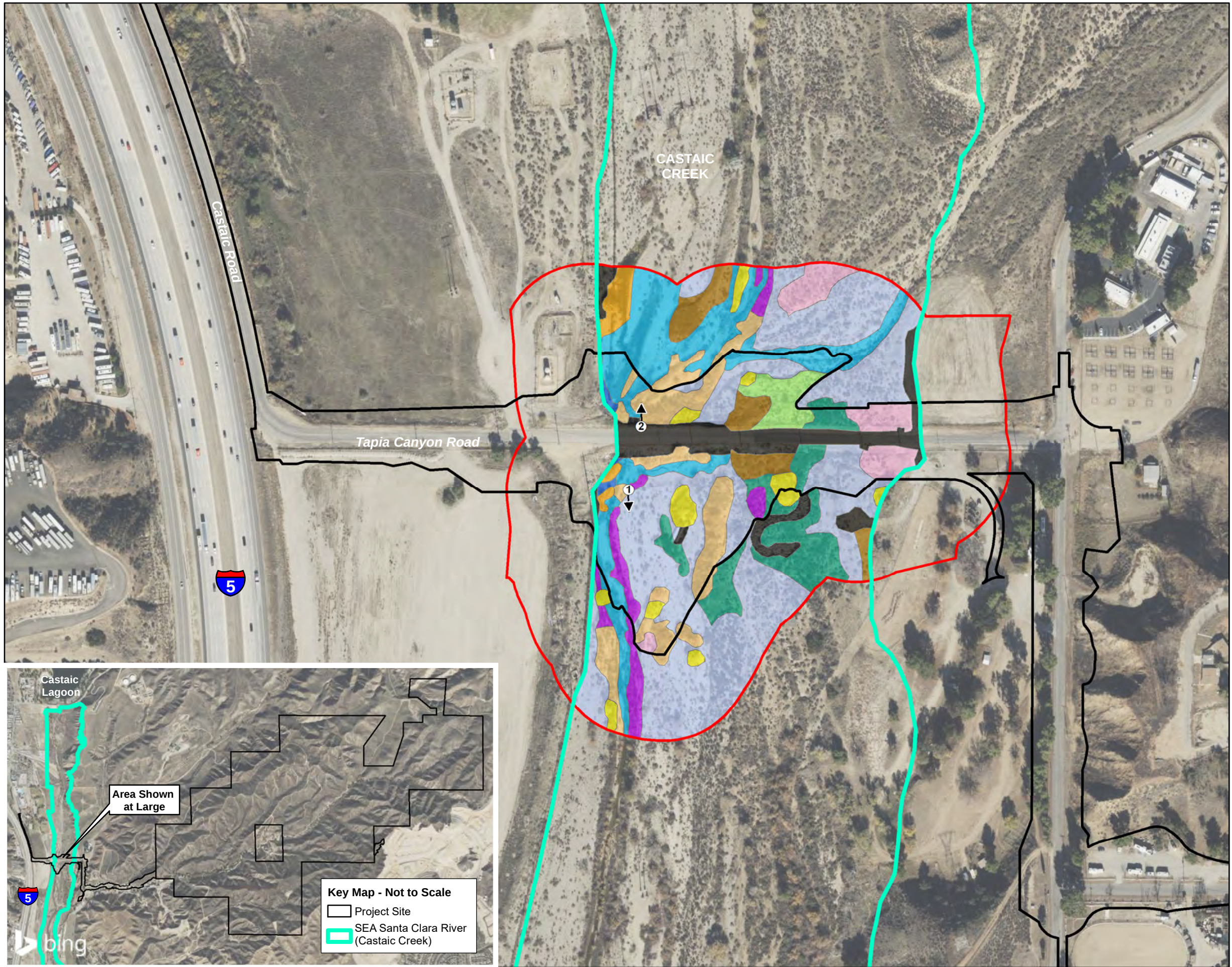


**TAPIA RANCH
DEVELOPMENT PROJECT**

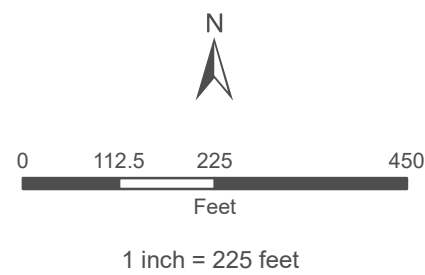
SEA Biological Constraints Map

GLENN LUKOS ASSOCIATES

Exhibit 4A

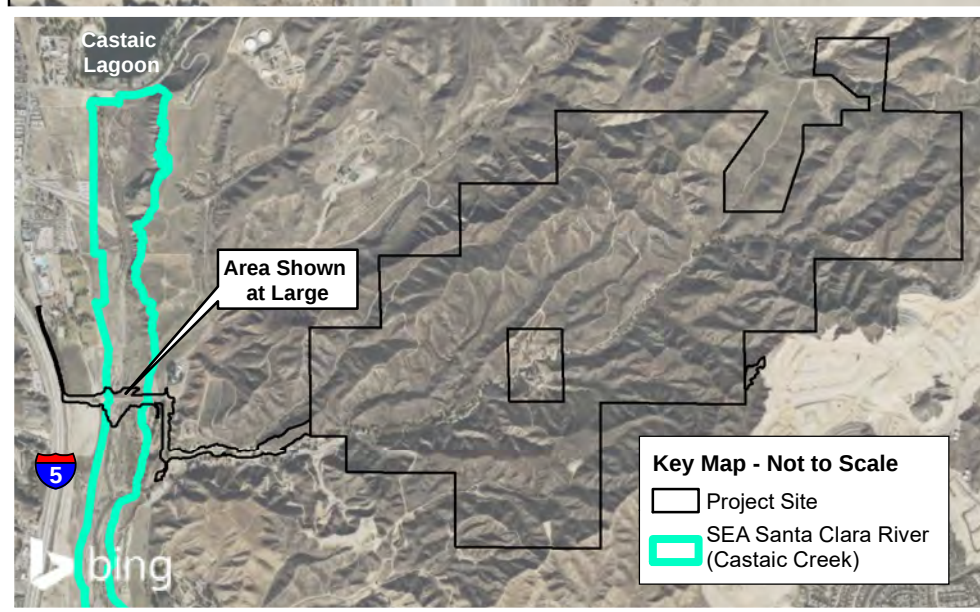


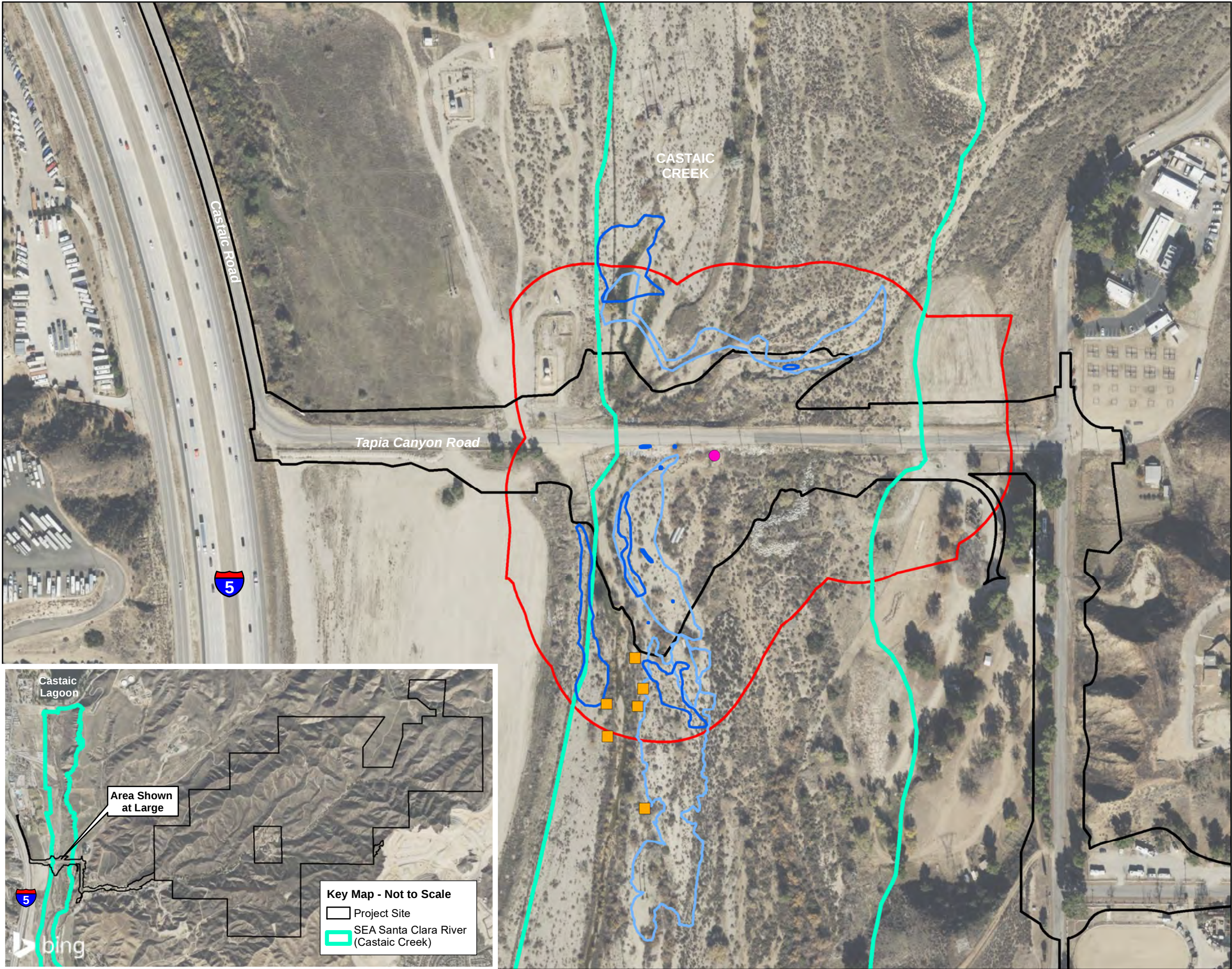
- Project Development Footprint
- SEA Buffer
- SEA Santa Clara River (Castaic Creek)
- Arroyo Willow Thickets
- California Buckwheat Scrub
- California Sagebrush Scrub
- Disturbed/Developed
- Fremont Cottonwood Forest and Woodland
- Sandbar Willow Thickets
- Sandy Wash
- Scale broom scrub
- Southern Cattail Marshes
- Tamarisk thickets
- Wild oats and annual brome grasslands
- Yerba Santa Scrub
- Photo Location



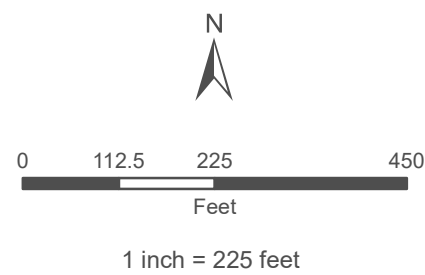
TAPIA RANCH DEVELOPMENT PROJECT

Vegetation Map





- Project Development Footprint
- SEA Buffer
- SEA Santa Clara River (Castaic Creek)
- White Rabbit Tobacco (2018) - Category 1
- White Rabbit Tobacco (2022) - Category 1
- Least Bell's Vireo Pair observed locations
- Burrowing Owl – Category 2

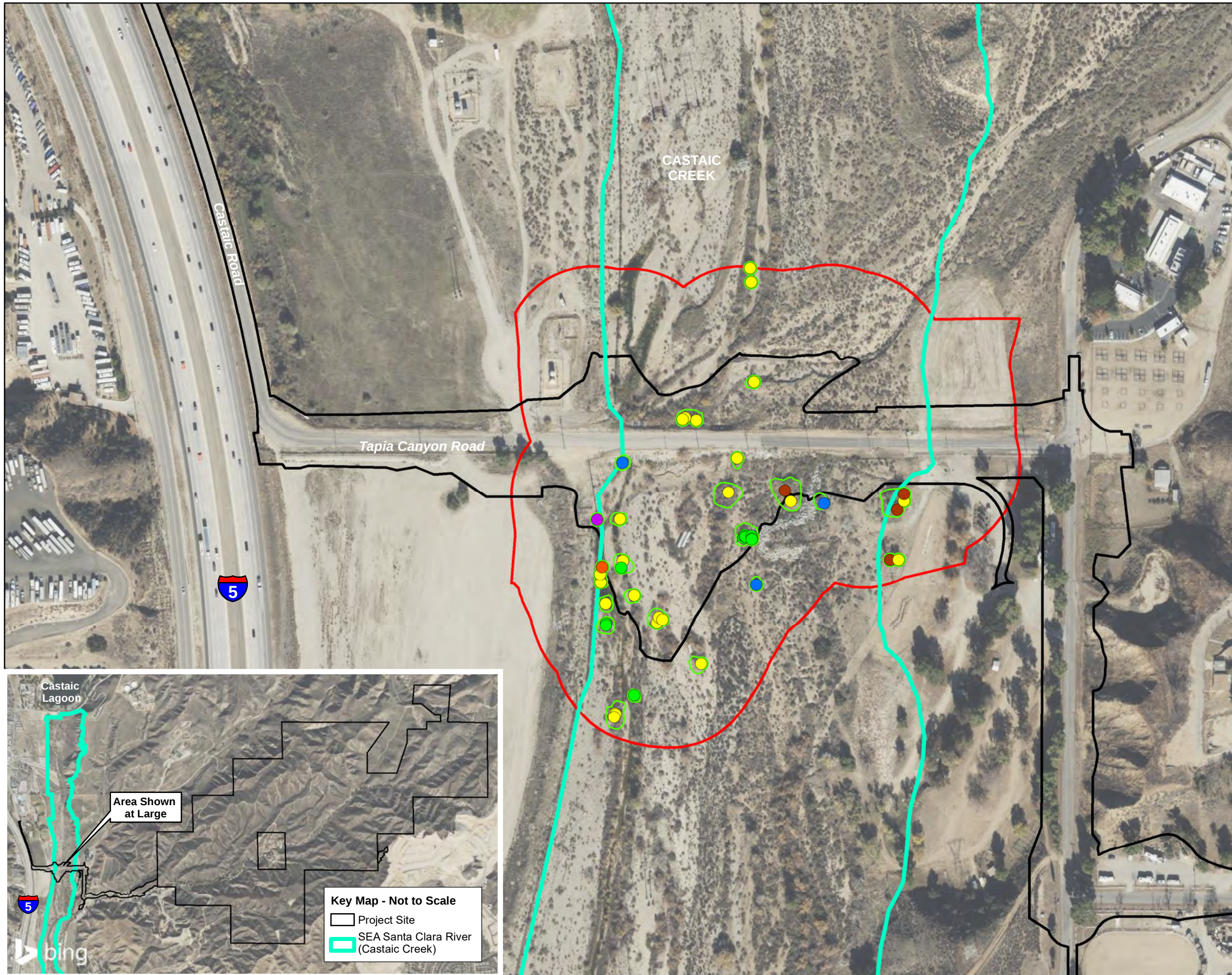


**TAPIA RANCH
DEVELOPMENT PROJECT**

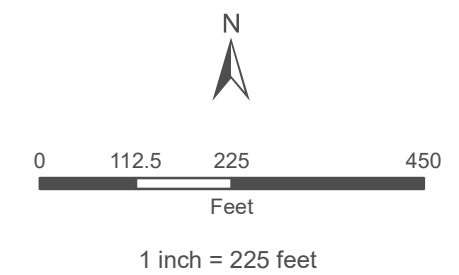
Sensitive Species Map

GLENN LUKOS ASSOCIATES

Exhibit 4C



- Project Development Footprint
- SEA Buffer
- SEA Santa Clara River (Castaic Creek)
- SEA Tree Protection Zone
- Cottonwood
- Elderberry
- Heritage Cottonwood
- Red Willow
- Sandbar Willow
- Sycamore



**TAPIA RANCH
DEVELOPMENT PROJECT**

SEA Protected Trees Map

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Exhibit 4D



Photograph 1: View of Castaic Creek, facing south downstream, at proposed off-site Tapia Canyon Road Bridge improvements area.



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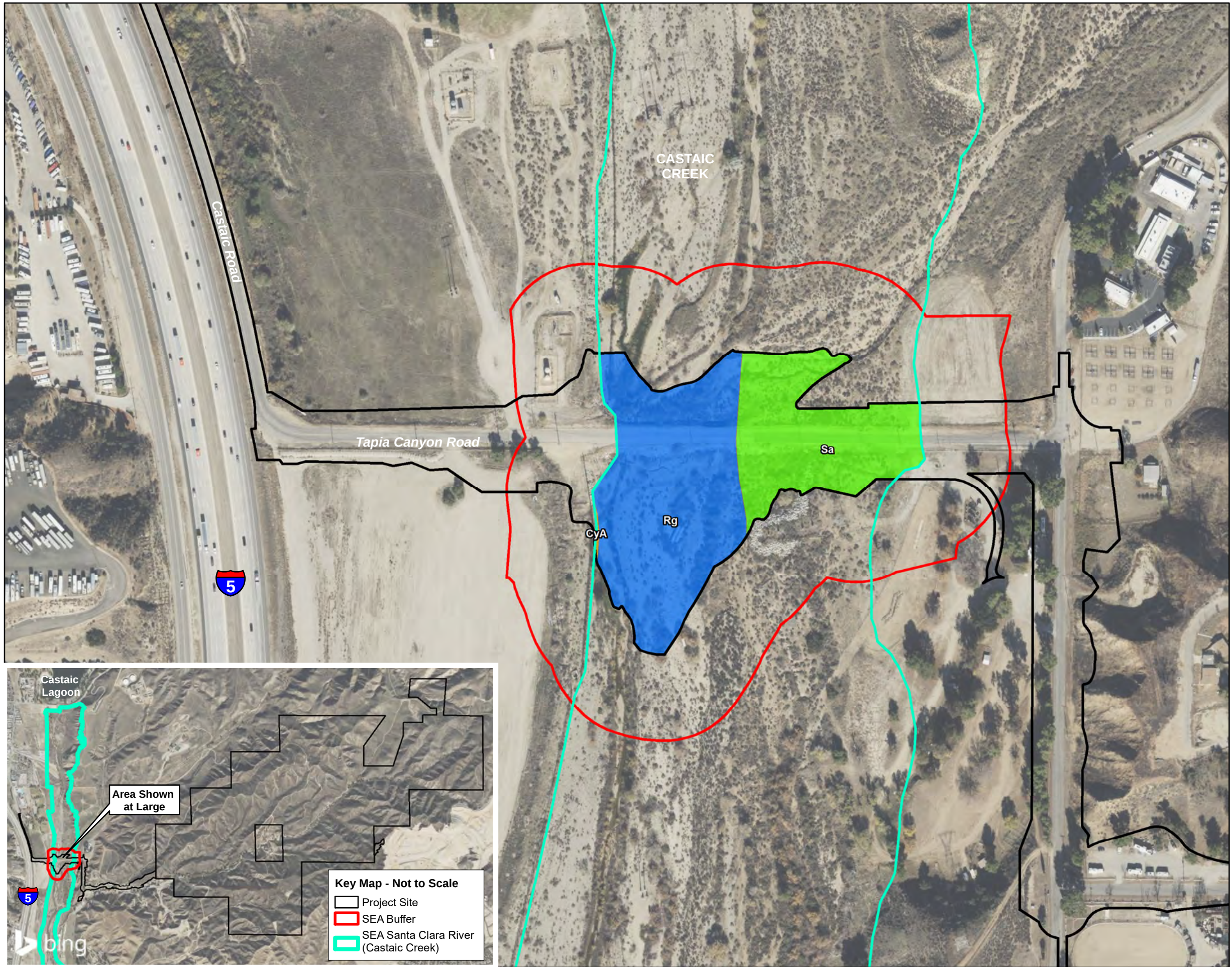
Exhibit 5



Photograph 2: View of Castaic Creek, facing north upstream, at proposed off-site Tapia Canyon Road Bridge improvements area. Non-native and invasive tamarisk (*Tamarix sp.*) trees are the dominant plant in view.

**TAPIA RANCH DEVELOPMENT
PROJECT**

Site Photographs



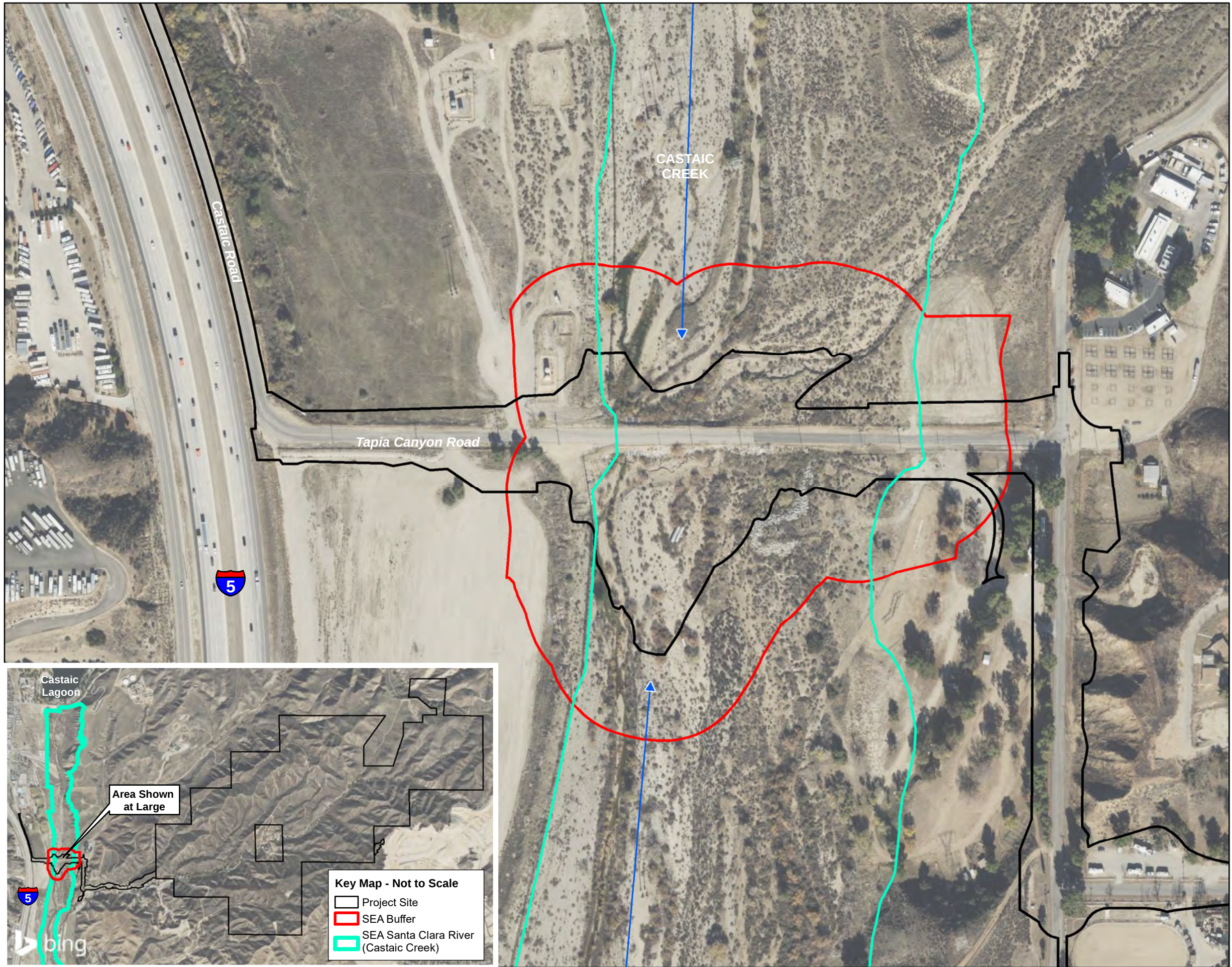
**TAPIA RANCH
DEVELOPMENT PROJECT**

Soils Map

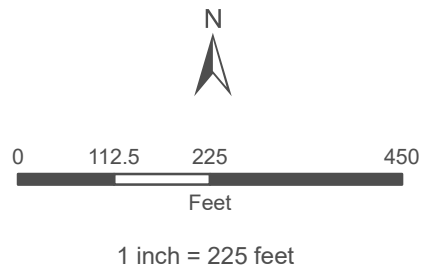
GLENN LUKOS ASSOCIATES

Exhibit 6





- Project Development Footprint
- SEA Santa Clara River (Castaic Creek)
- SEA Buffer
- Build-out Wildlife Corridors

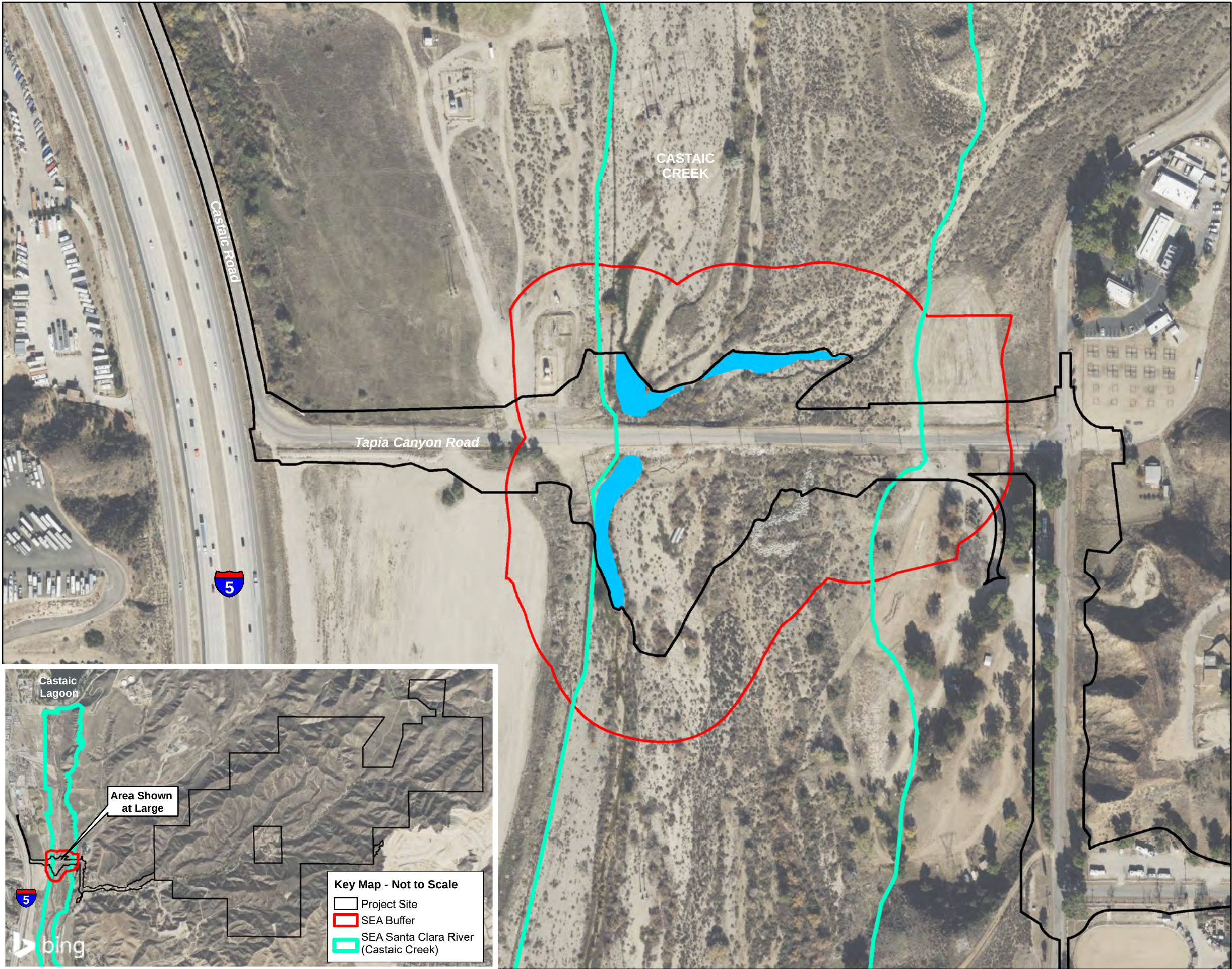


**TAPIA RANCH
DEVELOPMENT PROJECT**

Wildlife Movement Map

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Exhibit 7



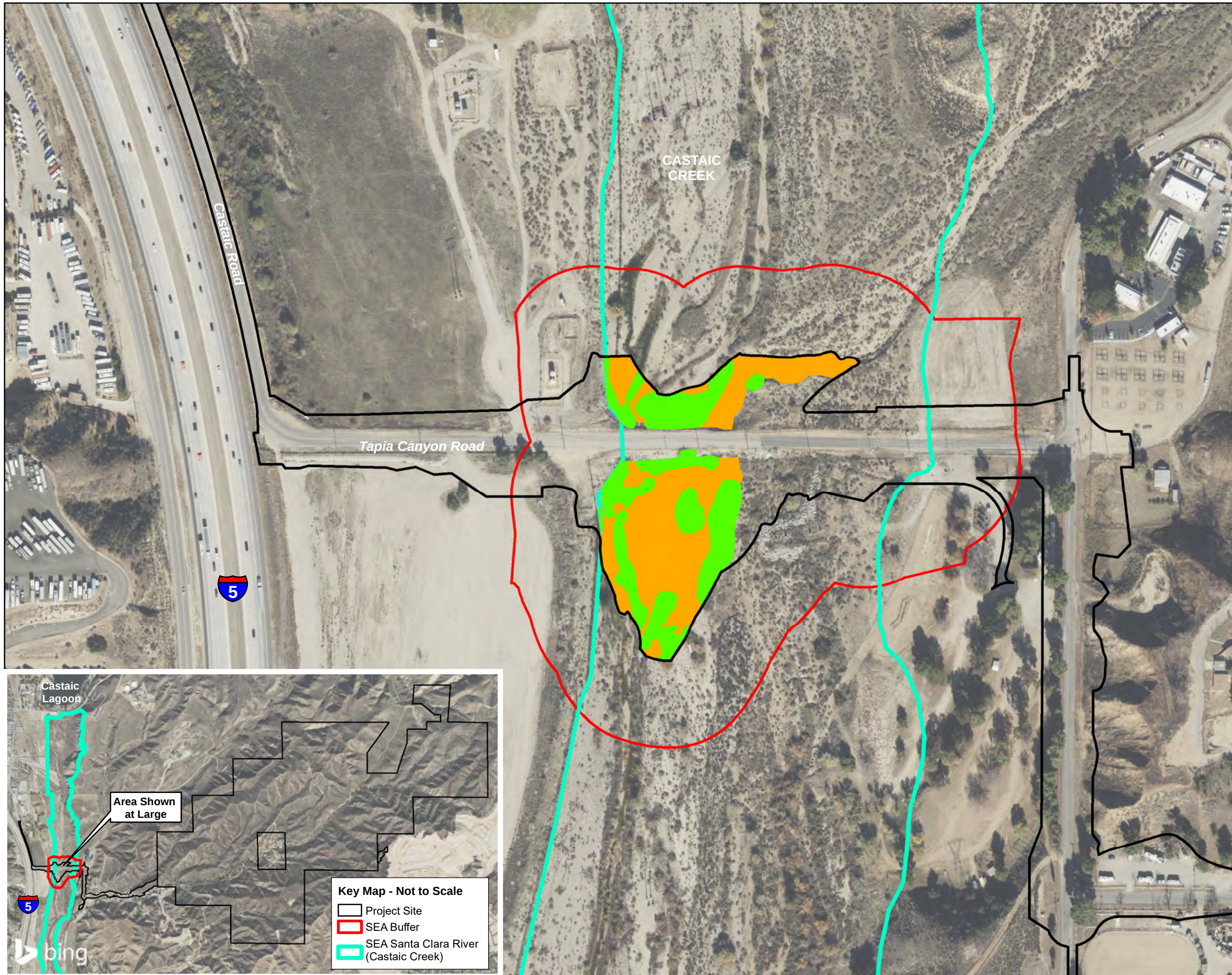
TAPIA RANCH DEVELOPMENT PROJECT

Corps/Regional Board JD Map

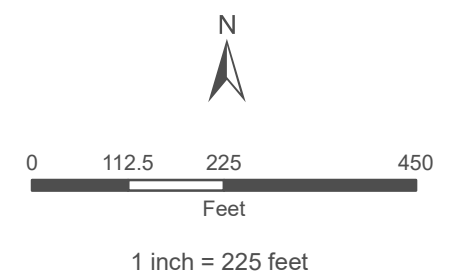
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Exhibit 8A





- Project Development Footprint
- SEA Santa Clara River (Castaic Creek)
- SEA Buffer
- CDFW Non-Riparian Stream
- CDFW Riparian



TAPIA RANCH DEVELOPMENT PROJECT

CDFW JD Map

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Exhibit 8B

