

# Thomas Fire / Debris Flow Stream Clearing Project Summary and Access

Prepared by Santa Barbara County Public Works, Flood Control  
January 25, 2018

The Debris Flow resulting from the severe rainfall event that fell on the Thomas Fire deposited enormous amounts of debris (rocks, sediment, and trees) throughout the stream corridors downstream of the fire area. While the 11 Debris basins worked, and were highly effective, they were overwhelmed and resulted in massive amounts of debris that now choke the channels downstream. These channels are for the most part natural / unimproved channels that are now severely impacted with debris and result in a serious risk to public health and safety and threats to more damage to public infrastructure.

## **If not immediately abated the following risks will remain;**

- US 101 will be subject to closure again, and potential for mud and debris to extend closure of this major freeway and cause additional costs for cleanup.
- State Route 192 will be subject to closure and more damages and cause additional costs for cleanup.
- Local roadways and bridges are subject to additional damage, debris loading, and damages to bridges. Closures will impact emergency response equipment and cause additional costs and stand residents unable to evacuate.
- Public utilities like water, power, gas, telephone, sewer, and cable would be damaged again after just being restored.
- More damages to homes and property as well as an overall risk to public health and safety.

While Santa Barbara County Crews (Transportation and Flood Control) took immediate action to open bridges and channels, these operations restored capacity for base flows and are not capable of handling future flows for larger storms.

All access point listed by Creek System are public roadways, or in one cast, and access easement tot eh Creek.

The following list identifies the priority Channel Clearing needs **IN ORDER OF PRIORITY**.

1. Montecito Creek / Hot Springs Creek (Hot Springs is a tributary to Montecito Creek)
2. San Ysidro Creek
3. Buena Vista Creek
4. Romero Creek
5. Arroyo Paridon Creek
6. Toro Creek

# Montecito Creek

Stream clearing on Montecito Creek is needed from US 101 up to East Mountain Drive as follows;

## Reach 1 – US 101 to Olive Mill Road

This reach begins at North Jameson Road and continues up through the Montecito Debris Basin (now cleared) to Olive Mill / Hot Springs Road. See Attachment MC1 (Montecito Creek 1).

Access to this area is available at the following points;

1. North Jameson Road (Public Road)
2. An Access Road that starts at 220 Olive Mill Road and continues West to the Creek (a Flood Control Access Easement)
3. The Montecito Creek Debris Basin
4. Olive Mill / Hot Springs Road

## Reach 2 – Olive Mill Road to East Valley Road (California 192)

This reach continues upstream of Olive Mill Road and continues to East Valley Road (192). See attachment MC2.

Access to the area is available at the following points;

1. Olive Mill / Hot Springs Road
2. Pepper Lane
3. East Valley Road (192)

## Reach 3 – Upstream of East Valley Road (192)

This reach is an area near Meadow Wood Lane. See attachment MC3

Access to this area is available at Meadow Wood Lane.

## Reach 4 – Hot Springs Creek from the confluence of Montecito Creek to East Mountain Drive

This reach is an area from the confluence of Montecito Creek / Hot Springs Creek, upstream along Hot Springs Creek to East Mountain Drive. See attachment MC4.

Access to this area is from the following locations;

1. Approximately the 1100 Block of Garden Lane
2. The Bridge at Rockbridge Rd and Clover Lane
3. The Bridge at Meadow Lane
4. The Bridge at Riven Rock Road
5. East Mountain Drive



Montecito Creek partially open with remaining Debris (Olive Mill Road)

## **San Ysidro Creek**

Stream clearing is needed from US 101 to just North of East Valley Road (192) as follows.

### Reach 1 – US 101/North Jameson Road to San Leandro Lane

This reach is an area from North Jameson Road to San Leandro Lane, see attachment SY1.

Access to this area is from the following locations;

1. North Jameson Road
2. La Vuelta Rd adjacent to San Ysidro Creek
3. The Bridge at San Leandro Lane

### Reach 2 – San Leandro Lane to East Valley Road (192)

This reach is an area from San Leandro Lane to East Valley Road (192), see attachment SY2.

Access to this area is from the following locations;

1. The Bridge at San Leandro Lane
2. 2 access points at Glen Oaks Drive
3. East Valley Road (192)

### Reach 3 – Upstream of East Valley Road (192)

This reach is an area just upstream of East Valley Road (192), see attachment SY3.

Access to this area is from the following locations;

1. East Valley Road (192)



San Ysidro Creek Up stream of East Valley Road (192)

## **Buena Vista Creek**

Stream clearing is needed upstream of East Valley Road (192) as follows.

### Reach 1 – Upstream of East Valley Road (192)

This reach is an upstream of East Valley Road (192), see attachment BV1.

Access to this area is from the following locations;

1. East Valley Road (192)



Buena Vista Creek at 192 looking upstream, bridge has since been opened.

## Romero Creek

Stream clearing is needed from Sheffield Drive upstream (~3,000 feet)

This reach is above Sheffield Drive see attachment RC1.

Access to this area is from the following locations;

1. Sheffield Drive



Romero Creek at Sheffield, bridge since opened.

## Arroyo Paridon Creek

Stream clearing is needed from US 101 to 1000 feet upstream of East Valley Road (192) as follows.

### Reach 1 – Between US 101 and Foothill Road (192)

This reach between US 101 and Foothill Road (192), see attachment AP1.

Access to this area is from the following locations;

1. Via Real (adjacent to US 101)
2. East Valley Road (192)

### Reach 2 – Upstream of 192 (East Branch)

This reach is an upstream of Foothill Road (192), see attachment AP2.

Access to this area is from the following locations;

1. Foothill Road, CA 192



Arroyo Paridon Creek upstream of CA 192 (Bridge opened by Caltrans and County)

## **Toro Creek (Main Branch extending up the East Branch, and West Branch at 192)**

Stream clearing is needed from US 101 to 1000 feet upstream of East Valley Road (192) as follows.

### Reach 1 – Between US 101 and East Valley Road (192)

This reach is between US 101 and East valley Road (192), see attachment TC1.

Access to this area is from the following locations;

1. Via Real (adjacent to US 101)
2. East Valley Road (192)

### Reach 2 – Upstream of 192 (East Branch)

This reach is an upstream of East Valley Road (192), see attachment TC2.

Access to this area is from the following locations;

1. East Valley Road (192)

### Reach 3 – Upstream of 192 (West Branch)

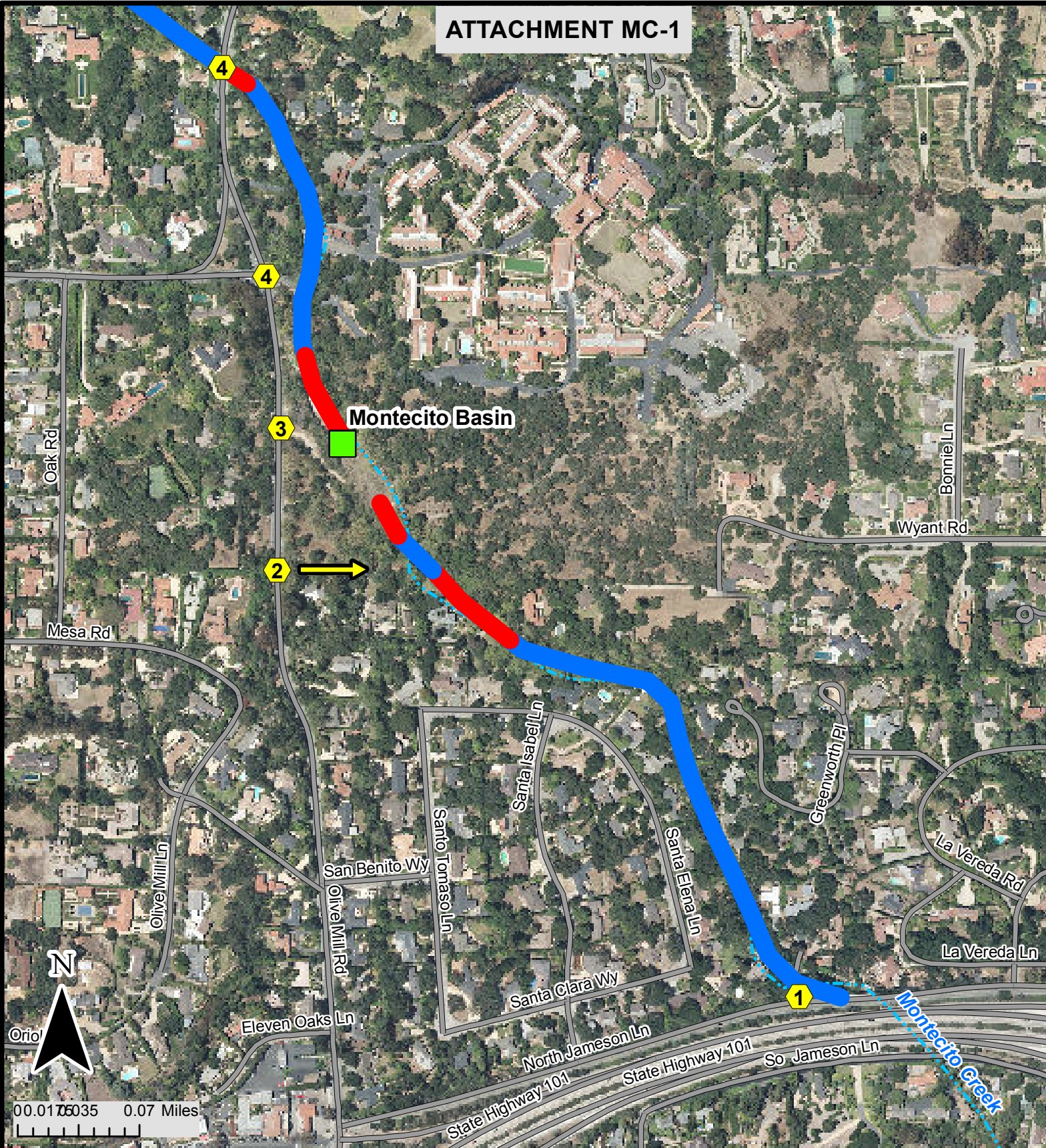
This reach is an upstream of East Valley Road (192), see attachment TC3.

Access to this area is from the following locations;

1. East Valley Road (192)

# Attachments





# MONTECITO CREEK REACH 1

### Legend

 Access Point

 Debris Basin

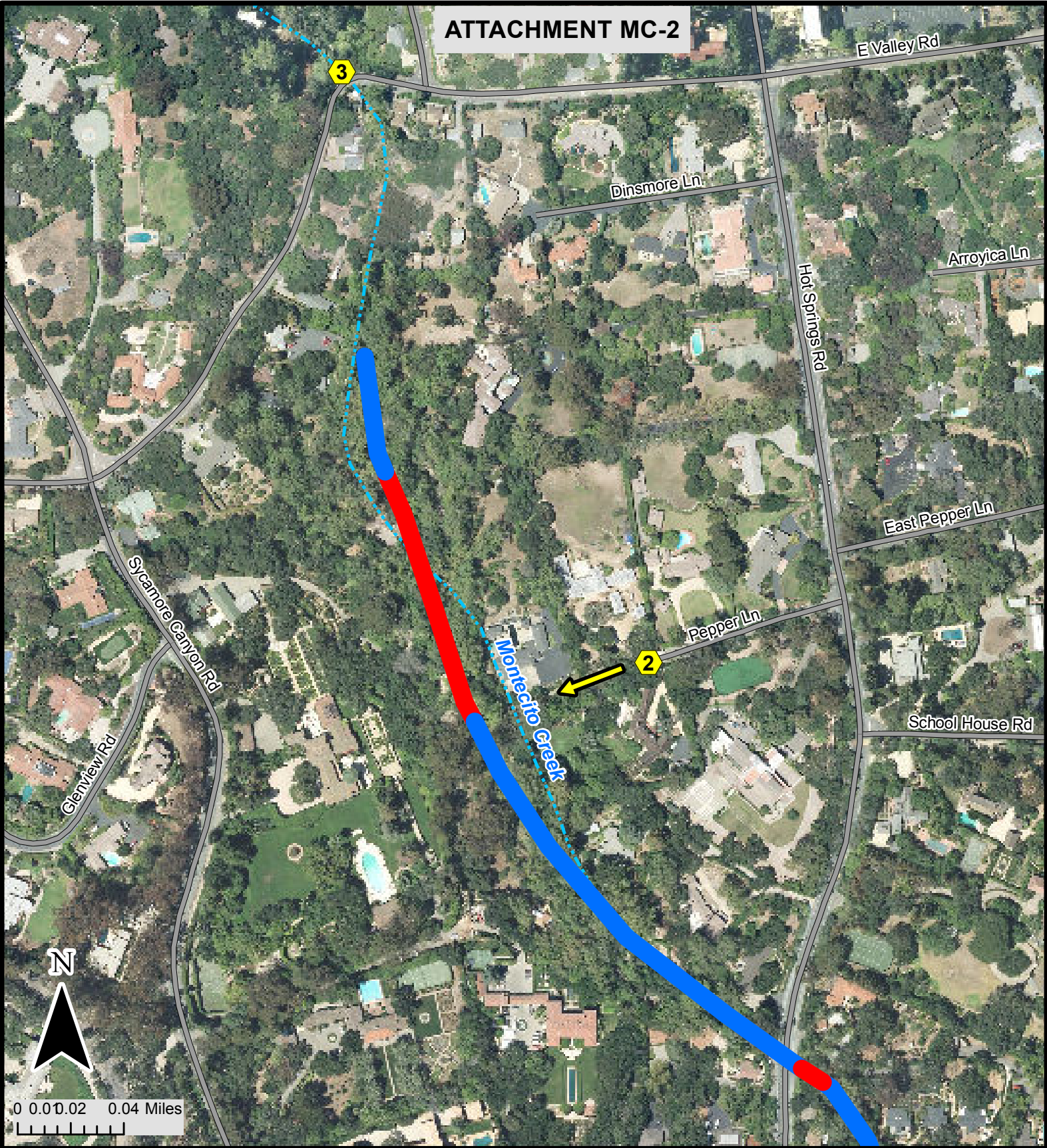
### Stream Cleanout

 Existing Easement

 No Existing Easement





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


# MONTECITO CREEK REACH 2

## Legend

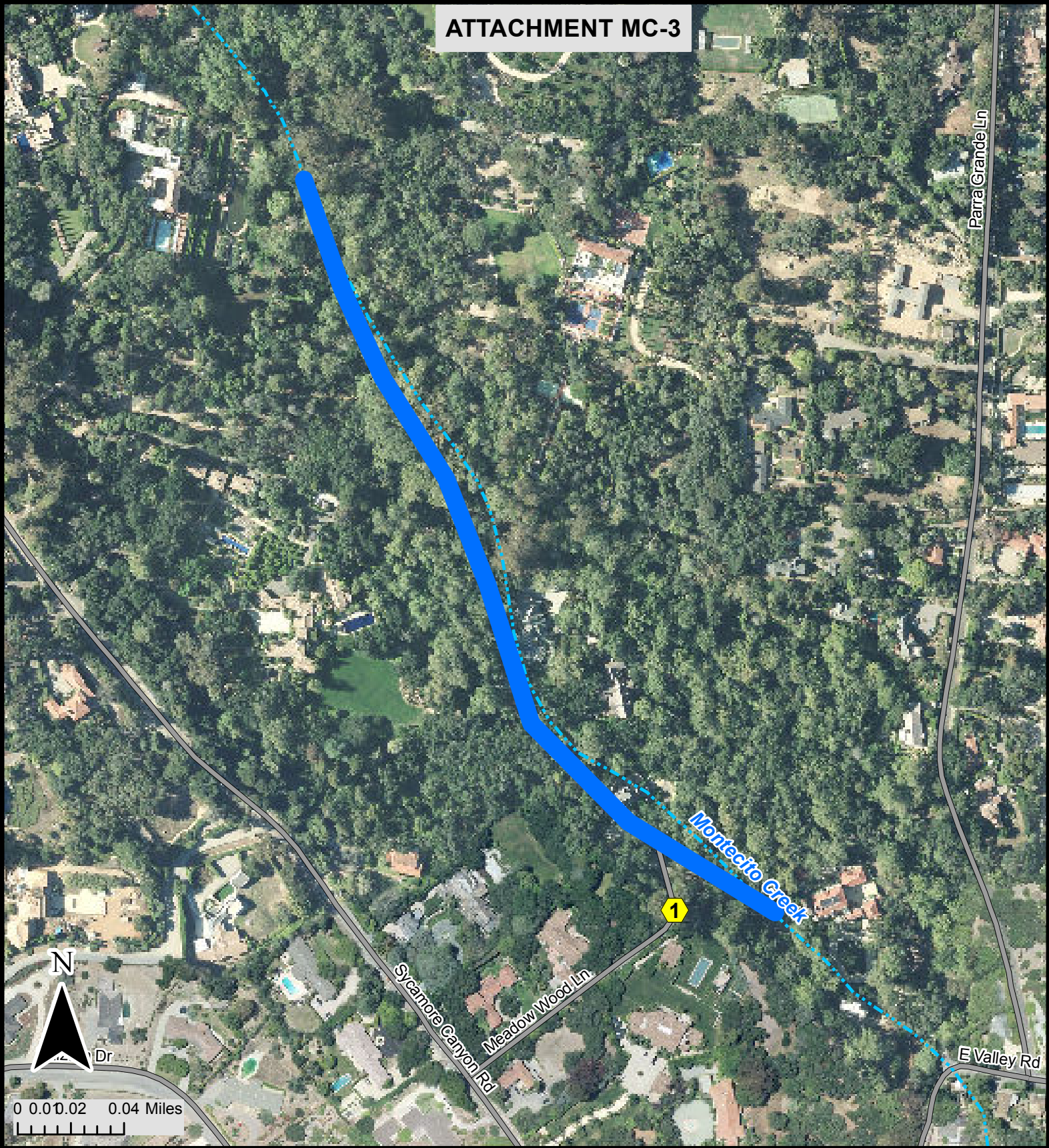
-  Access Point
-  Debris Basin

## Stream Cleanout

-  Existing Easement
-  No Existing Easement





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


# MONTECITO CREEK REACH 3

**Legend**

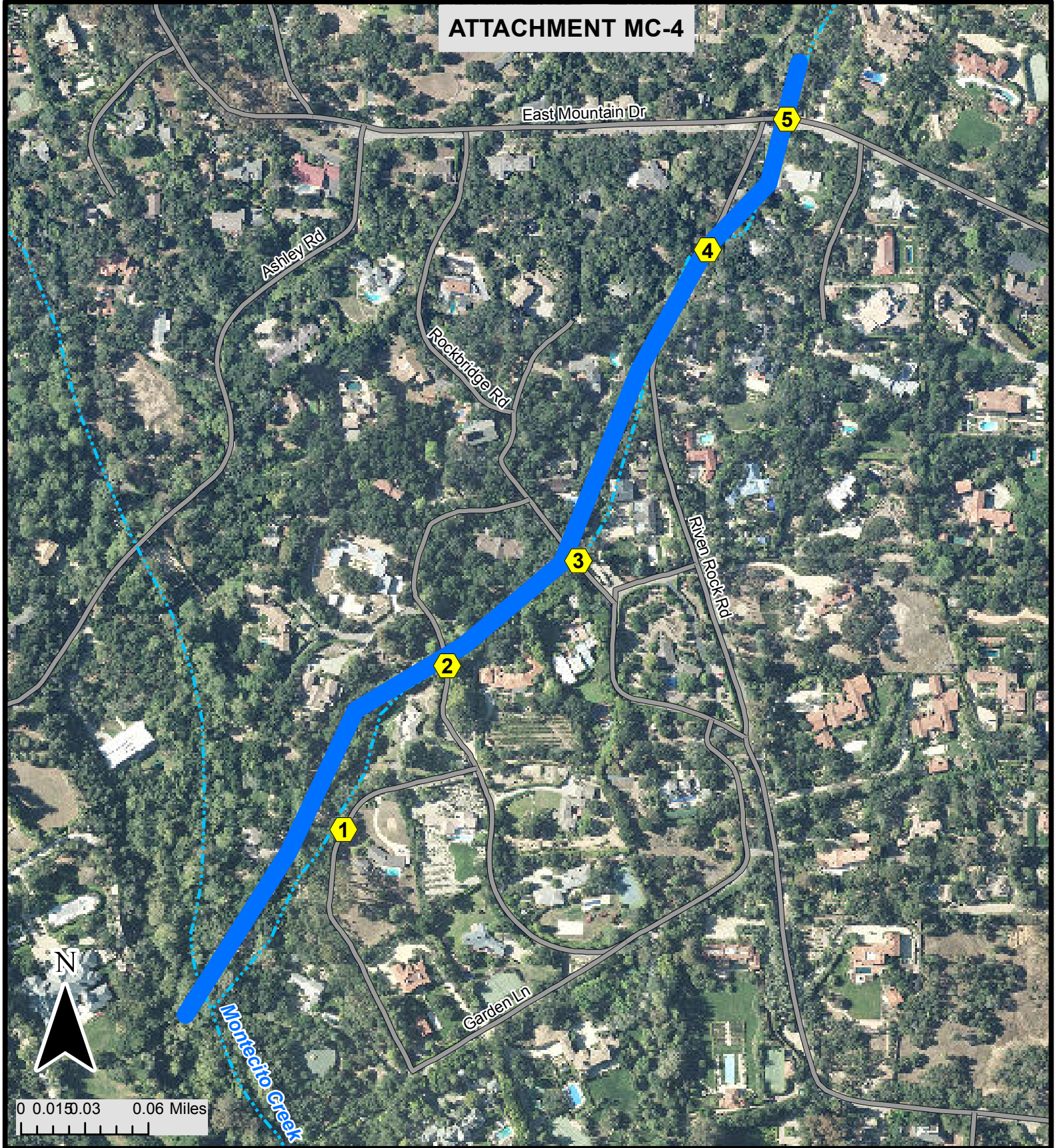
-  Access Point
-  Debris Basin

**Stream Cleanout**

-  Existing Easement
-  No Existing Easement





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# HOT SPRINGS CREEK REACH 4

### Legend

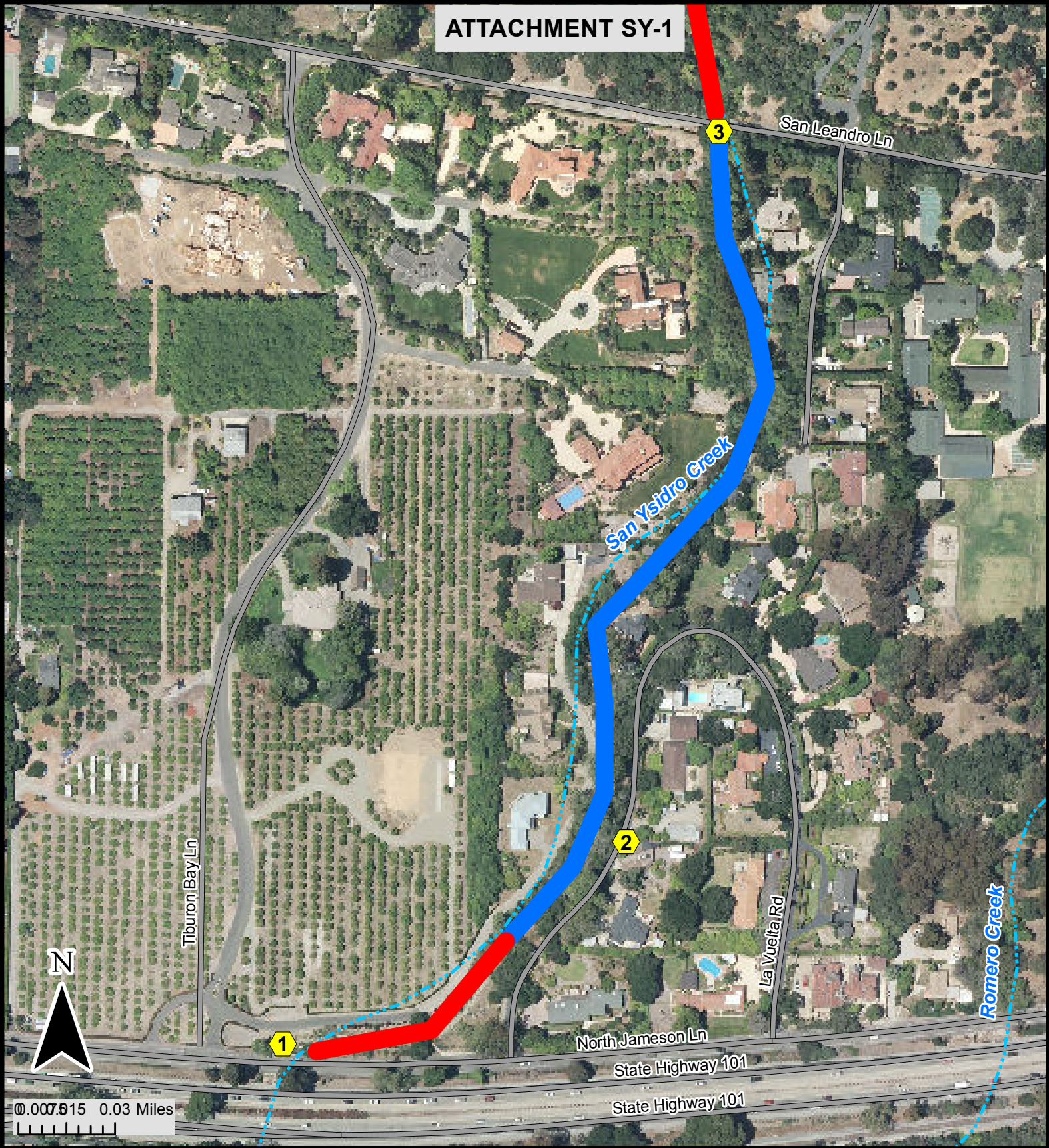
-  Access Point
-  Debris Basin

### Stream Cleanout

-  Existing Easement
-  No Existing Easement





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# SAN YSIDRO CREEK REACH 1

**Legend**

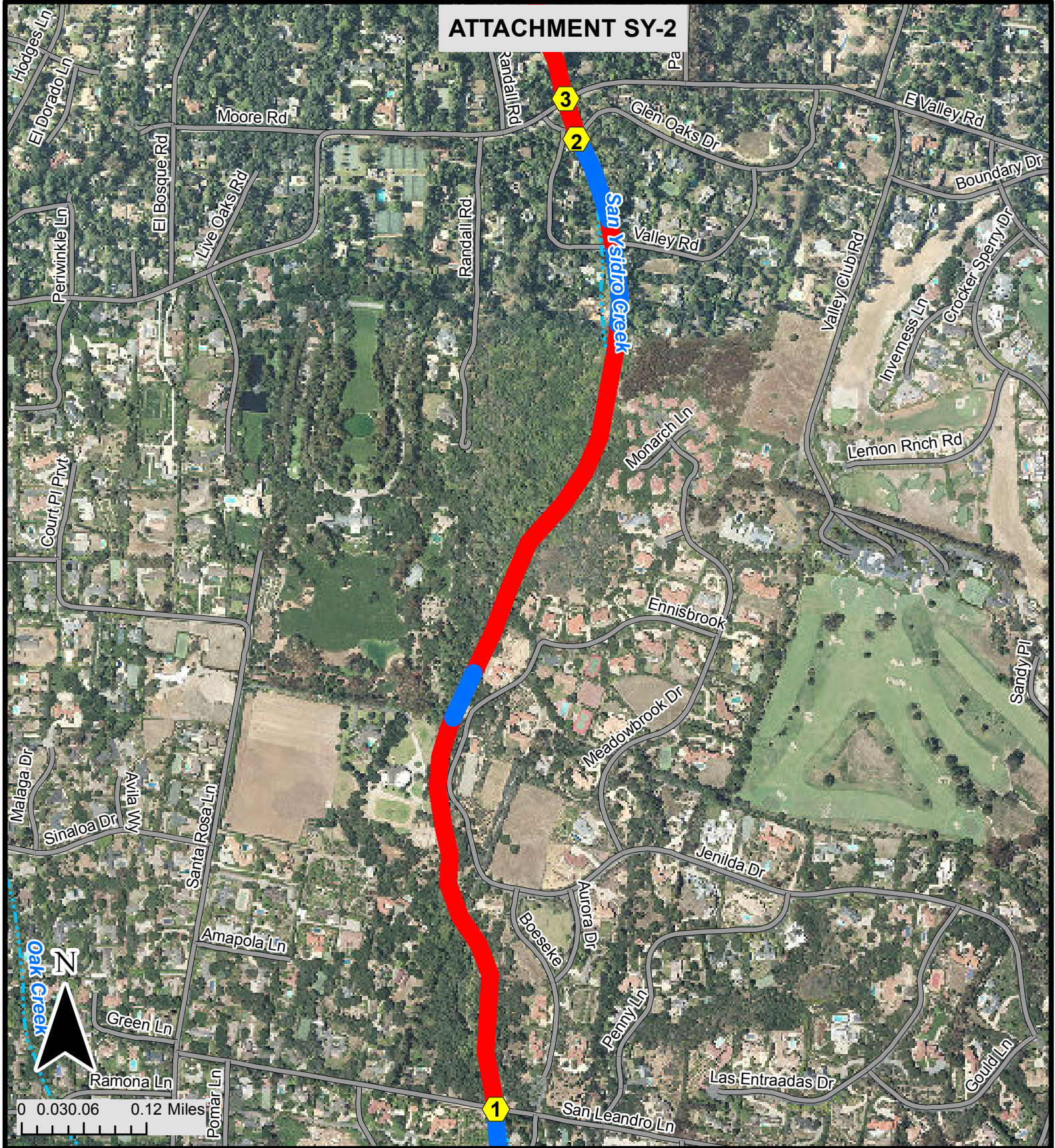
-  Access Point
-  Debris Basin

**Stream Cleanout**

-  Existing Easement
-  No Existing Easement





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# SAN YSIDRO CREEK REACH 2

### Legend

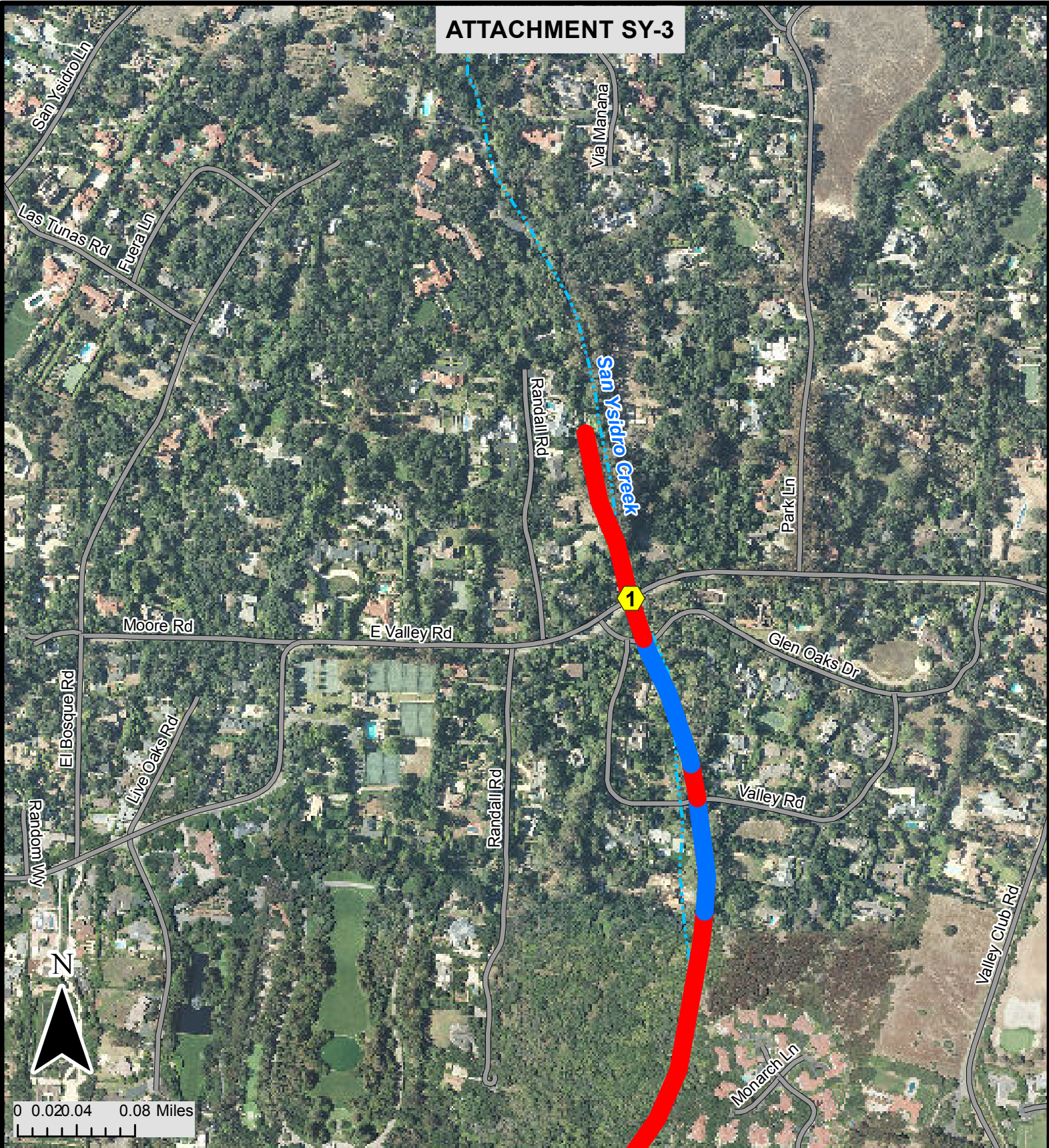
-  Access Point
-  Debris Basin

### Stream Cleanout

-  Existing Easement
-  No Existing Easement





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# SAN YSIDRO CREEK REACH 3

### Legend

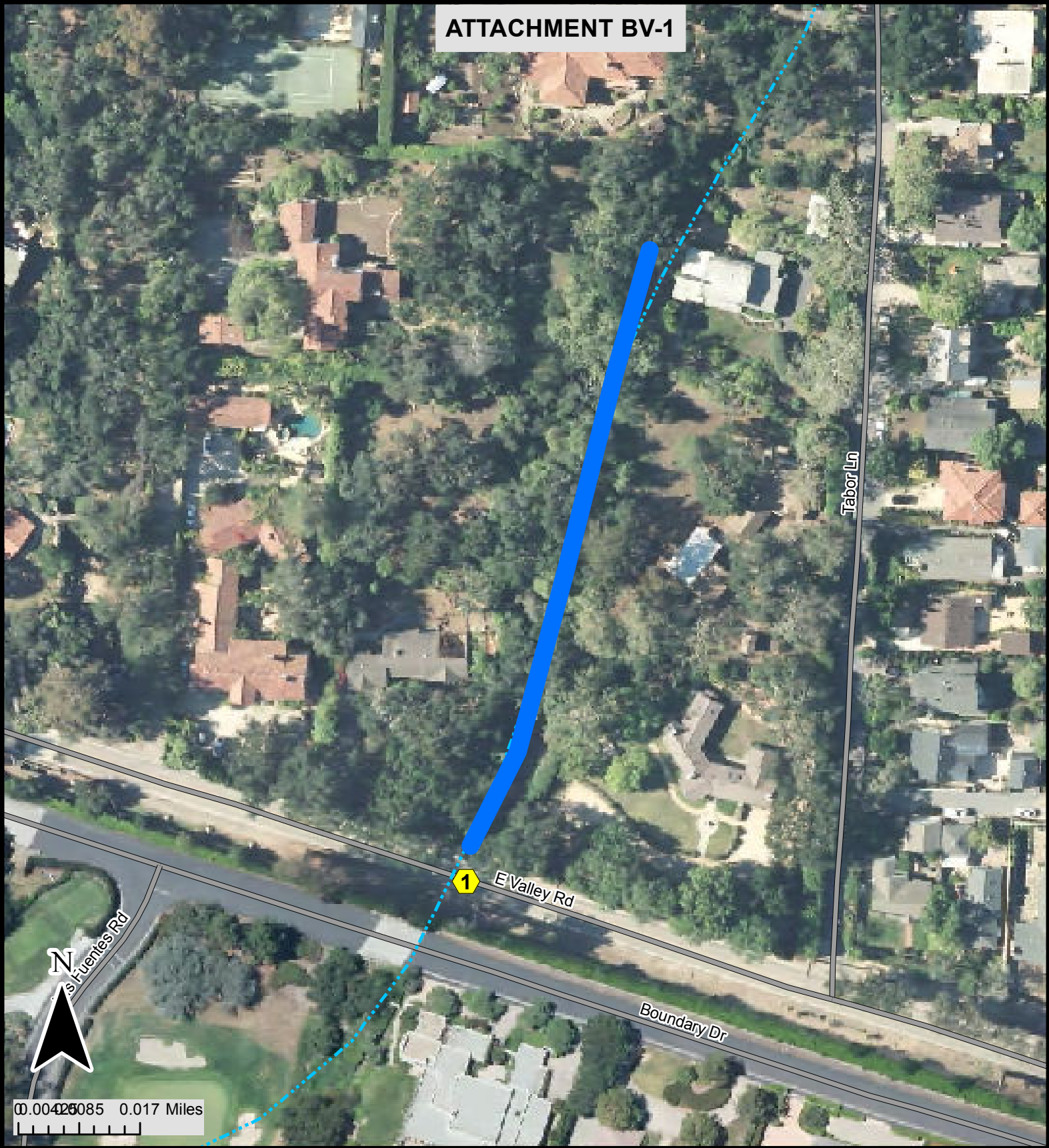
-  Access Point
-  Debris Basin

### Stream Cleanout

-  Existing Easement
-  No Existing Easement





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# BUENA VISTA CREEK REACH 1

## Legend

-  Access Point
-  Debris Basin

## Stream Cleanout

-  Existing Easement
-  No Existing Easement





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# ROMERO CREEK REACH 1

### Legend

-  Access Point
-  Debris Basin

### Stream Cleanout

-  Existing Easement
-  No Existing Easement




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# ARROYO PAREDON CREEK REACH 1

## Legend

 Access Point

 Debris Basin

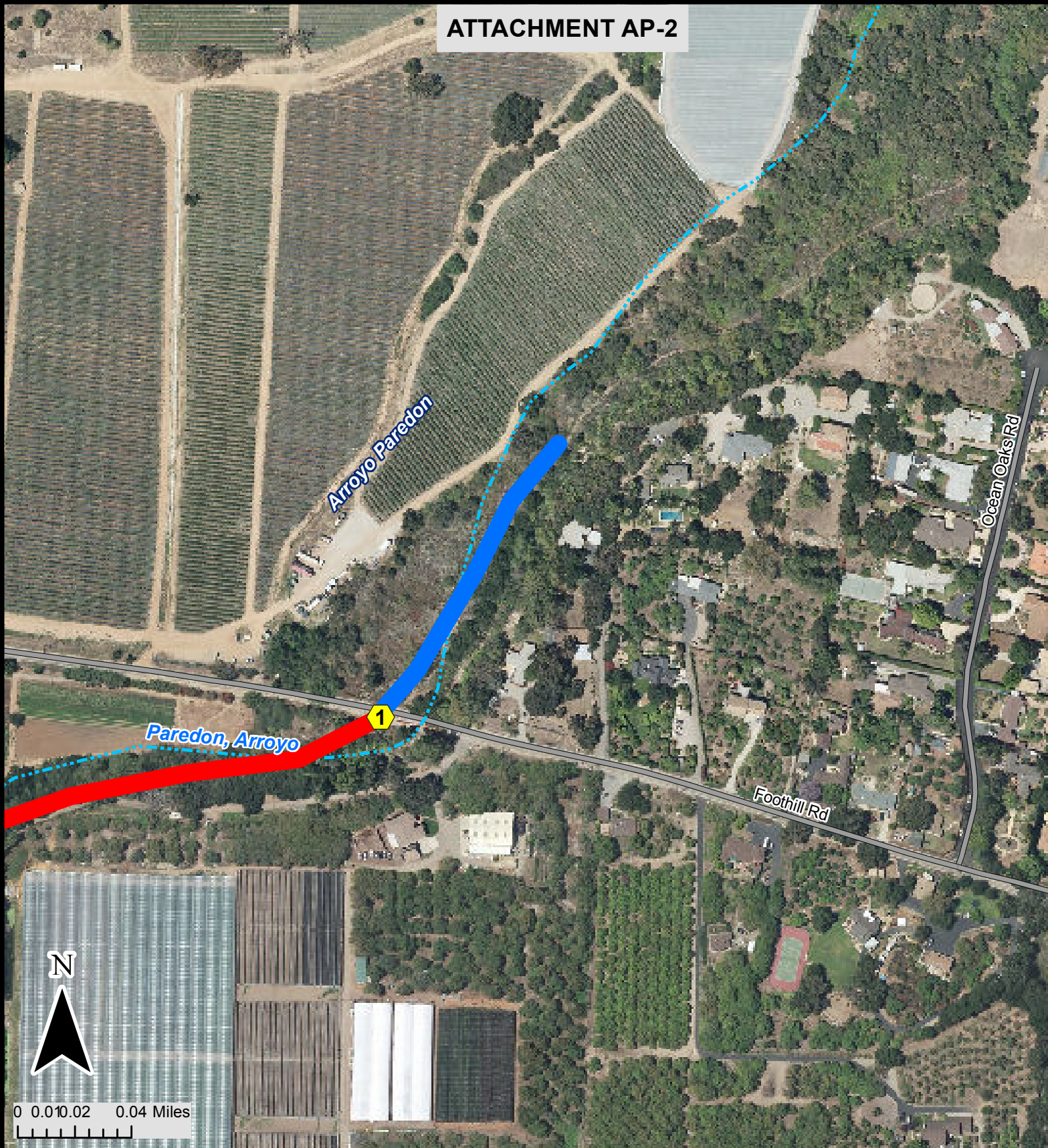
### Stream Cleanout

 Existing Easement

 No Existing Easement





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# ARROYO PAREDON CREEK REACH 2

### Legend

-  Access Point
-  Debris Basin

### Stream Cleanout

-  Existing Easement
-  No Existing Easement



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Toro Basin - Lower West

Garrapata Creek

Torito Rd

Greenwell Ave

Foothill Rd

Vista Oceano Ln

Lambert Rd

Toro Canyon Rd

Serena Ave

Toro Canyon Creek

Serafin Wy

Morgan Ln

Via Real

State Highway 101

State Highway 101

Padaro Ln

Padaro Ln

1


2

N

0 0.040.08 0.16 Miles

# TORO CREEK REACH 1

### Legend

 Access Point

 Debris Basin

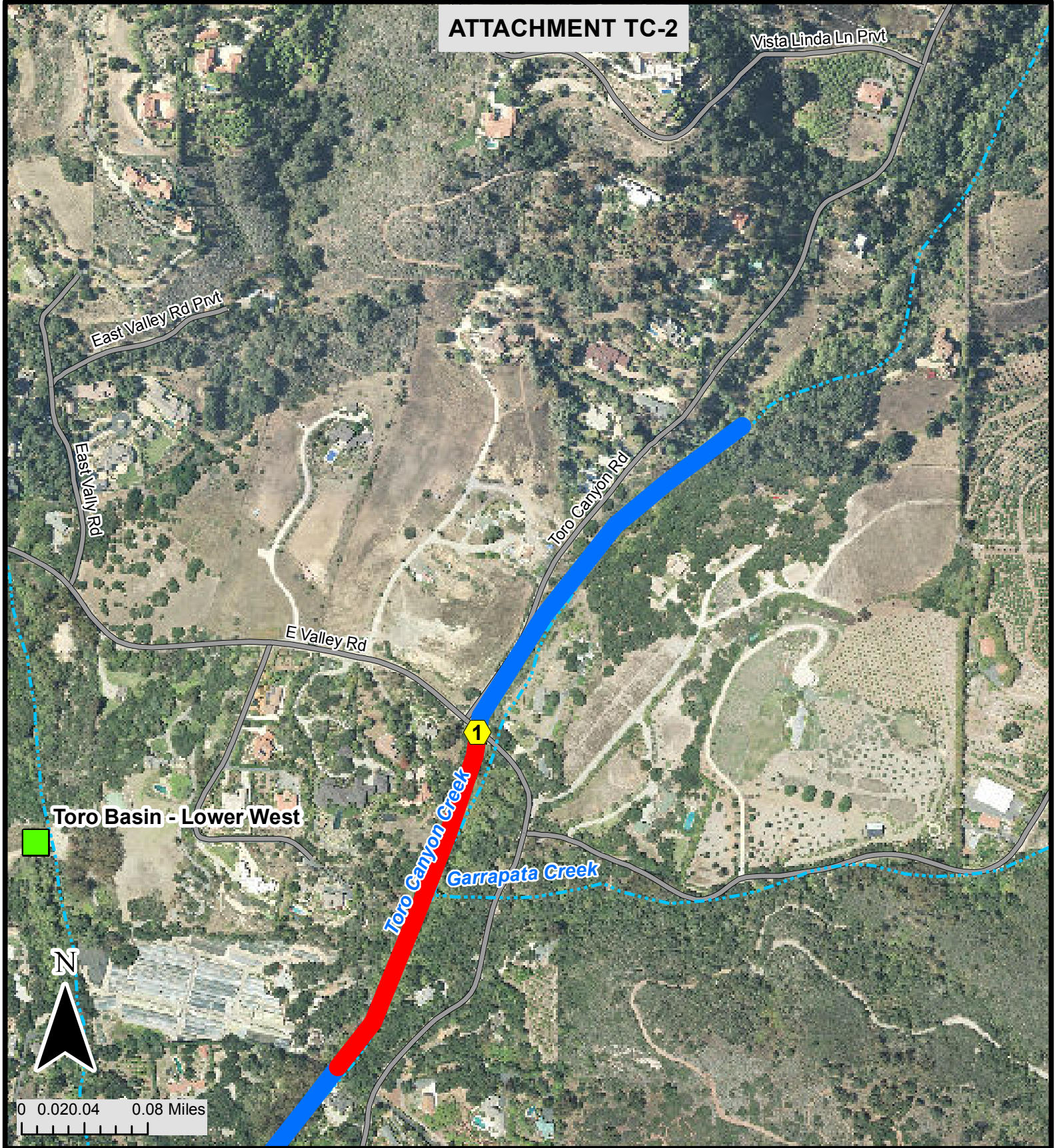
### Stream Cleanout

 Existing Easement

 No Existing Easement





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# TORO CREEK - EAST BRANCH REACH 2

## Legend

-  Access Point
-  Debris Basin

## Stream Cleanout

-  Existing Easement
-  No Existing Easement



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Ladera Ln

East Valley Rd

East Valley Rd / Prvt

E Valley Rd




Toro Basin - Lower West




0 0.01 0.02 0.04 Miles


# TORO CREEK - WEST BRANCH REACH 3


## Legend

 Access Point

 Debris Basin

### Stream Cleanout

 Existing Easement

 No Existing Easement



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