

- 2) Prior to construction, if construction activities are proposed to occur during the typical nesting season (February 15 to August 31) within 200 ft (60 m) of potential nesting habitat, a nesting bird survey shall be conducted by qualified biologists in potential nesting habitat at least two weeks prior to construction to determine presence/absence of nesting birds within the project area. Work activities shall be avoided within 100 ft (30 m) of active bird nests and 200 ft (60 m) of active raptor nests until young birds have fledged and left the nest. Readily visible exclusion zones shall be established in areas where nests must be avoided. Caltrans shall be contacted if SWWF or any other federally listed bird species are observed during surveys. USFWS and CDFG shall be contacted for additional guidance if nesting birds are observed within or near the boundaries of the project site. Nests, eggs, or young of birds covered by the MBTA and California Fish and Game Code would not be moved or disturbed until the end of the nesting season or until young fledge, whichever is later, nor would adult birds be killed, injured, or harassed at any time.
- 3) Vegetation removal in potential nesting habitats shall be monitored and documented by the biological monitor(s) regardless of time of year.

4.2.6.4. PROJECT EFFECTS

The proposed project will have no effect on SWWF. The basis for this determination is that the BSA is located north of the documented breeding range for this species and there are no known nesting records in or near the BSA.

4.2.6.5. MODIFICATIONS TO THE PROJECT TO MITIGATE EFFECTS

No modifications to the project to mitigate effects to SWWF will be required.

4.2.6.6. CUMULATIVE EFFECTS

No cumulative effects to SWWF are expected as a result of the proposed action. There are no other known actions that are reasonably certain to occur in the action area that would contribute to additional cumulative effects.

Chapter 5. Conclusions and Determination

5.1. Conclusions

Based on the studies and analyses provided in this BA, the implementation of the Bob Jones Pathway – San Luis Obispo to Ontario Road has the potential to result in adverse effects to federally listed species. Implementation of recommended avoidance and minimization measures as well as the HMMP would reduce the potential for adverse effects.

5.2. Determination

5.2.1. Marsh Sandwort, Pismo Clarkia, and Gambel's Water Cress

The proposed project will produce no effects that would impact these federally listed plant species. None of these species were observed in the BSA during appropriately-timed floristic surveys and no take of federally listed, candidate, or proposed plant species is expected.

5.2.2. South-central California Coast Steelhead and Critical Habitat

The project may affect, but is not likely to adversely affect, south-central California coast steelhead. Construction of bridges across SLO Creek could result in the removal of riparian cover that provides thermoregulation for steelhead; although, this amount is estimated to be minimal. No in-stream work will be required. While the removal of trees to accommodate the new bridges may slightly alter shading and micro-climate characteristics of the riparian corridor, the bridge themselves would create shade over the section of the creek flowing underneath, and shading differences are likely to be negligible. The loss of trees to clear space for the bridge crossings will also be mitigated with replacement trees, which will offer shade and temperature regulation in other areas along SLO Creek.

The proposed project may affect, but will not adversely modify, south-central California coast steelhead critical habitat. Although there will be impacts resulting from trimmed or removed willows, these effects would be minor and would not substantially affect the ability of steelhead to spawn, rear young, migrate, or feed in

SLO Creek. It is anticipated the proposed project would permanently impact approximately 9,835 ft² (914 m²) (0.23 ac) of steelhead critical habitat associated with construction of bridge crossings through the SLO Creek riparian corridor. Temporary impacts to approximately 19,671 ft² (1,827 m²) (0.45 ac) of steelhead critical habitat are estimated to result from work space associated with bridge construction. There will be no permanent or temporary loss of service to steelhead because no in-stream work or fill will be required within SLO Creek.

5.2.3. California Tiger Salamander

The project will have no effect on CTS. The basis for this determination is that it is highly unlikely that CTS uses aquatic areas within the BSA for breeding and/or adjacent uplands for estivation. In addition, there are no known recent nearby occurrence records for the species. The action area does not occur in a federally designated critical habitat unit for CTS.

5.2.4. California Red-Legged Frog

The project may affect, and is likely to adversely affect, CRLF. Although no CRLFs were observed during reconnaissance surveys within the BSA, USFWS has indicated that CRLF presence within the BSA should be inferred. There would be a potential for take of CRLF during construction in potential upland dispersal habitat adjacent to SLO Creek and any necessary capture and relocation of CRLF. The proposed project will also create temporary and/or permanent impacts to vegetation along SLO Creek, which may offer shading and microhabitat temperature regulation in the channel; however, the loss of trees will be mitigated with replacement trees. The potential for take of CRLF is believed to be very low, as CRLF are believed to be uncommon along the SLO Creek corridor. The action area does not occur in a federally designated critical habitat unit for CRLF.

5.2.5. Western Yellow-billed Cuckoo

The proposed project will have no effect on western yellow-billed cuckoo. The basis for this determination is that riparian habitat in the BSA, while present, is unsuitable and there are no known nesting records in or near the BSA.

5.2.6. Least Bell's Vireo

The proposed project will have no effect on LBV. The basis for this determination is that riparian habitat in the BSA, while present, is unsuitable and there are no known nesting records in or near the BSA.

5.2.7. Southwestern Willow Flycatcher

The proposed project will have no effect on SWWF. The basis for this determination is that the BSA is located north of the documented breeding range of SWWF and there are no known nesting records in or near the BSA.

Chapter 6. References

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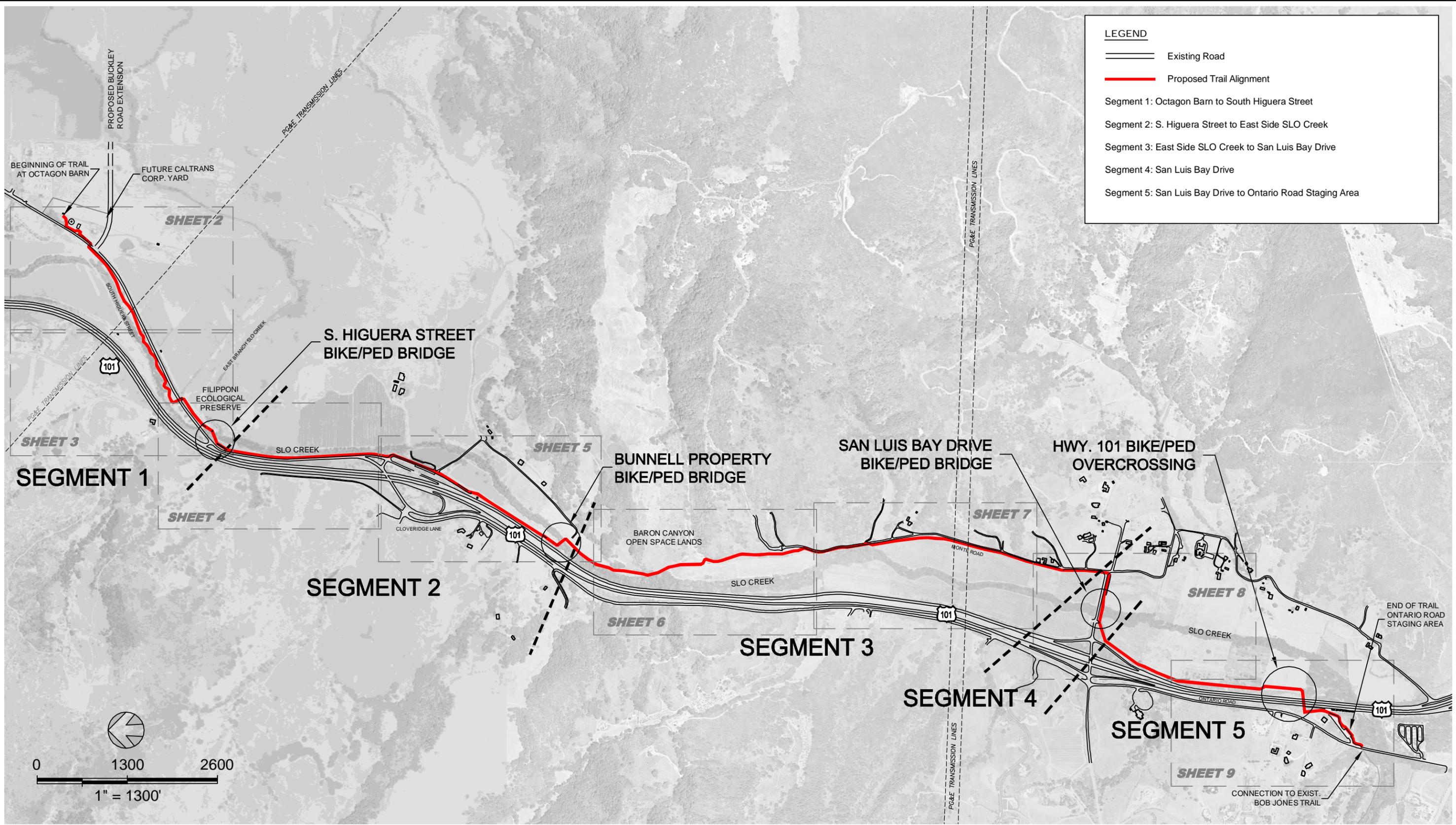
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Appendix A Preliminary Plans



LEGEND

Existing Road

Proposed Trail Alignment

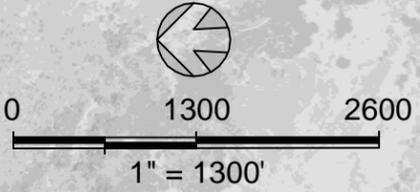
Segment 1: Octagon Barn to South Higuera Street

Segment 2: S. Higuera Street to East Side SLO Creek

Segment 3: East Side SLO Creek to San Luis Bay Drive

Segment 4: San Luis Bay Drive

Segment 5: San Luis Bay Drive to Ontario Road Staging Area



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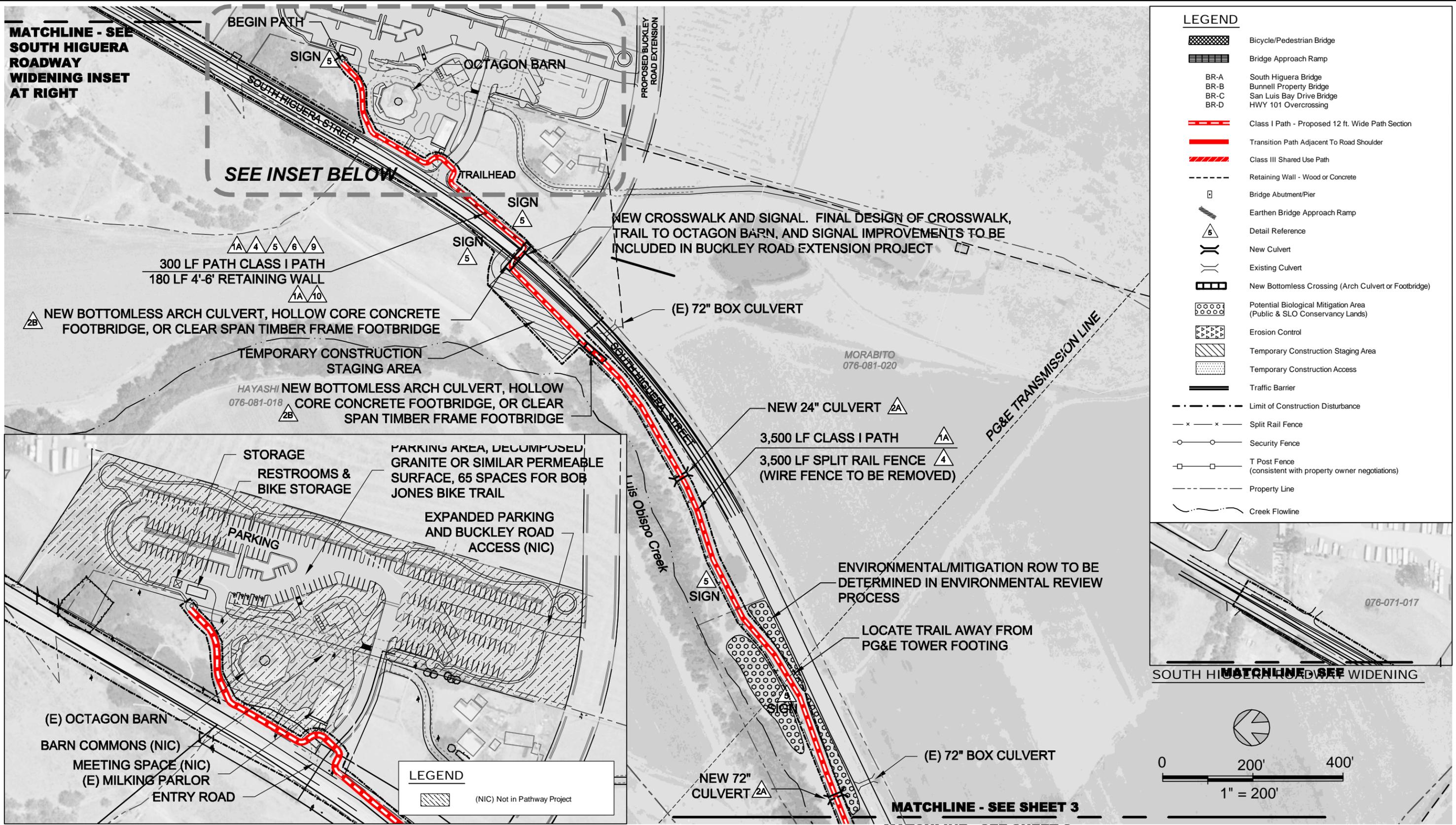


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PRELIMINARY PLAN

SHEET
1 of 9



- LEGEND**
- Bicycle/Pedestrian Bridge
 - Bridge Approach Ramp
 - BR-A South Higuera Bridge
 - BR-B Bunnell Property Bridge
 - BR-C San Luis Bay Drive Bridge
 - BR-D HWY 101 Overcrossing
 - Class I Path - Proposed 12 ft. Wide Path Section
 - Transition Path Adjacent To Road Shoulder
 - Class III Shared Use Path
 - Retaining Wall - Wood or Concrete
 - Bridge Abutment/Pier
 - Earthen Bridge Approach Ramp
 - Detail Reference
 - New Culvert
 - Existing Culvert
 - New Bottomless Crossing (Arch Culvert or Footbridge)
 - Potential Biological Mitigation Area (Public & SLO Conservancy Lands)
 - Erosion Control
 - Temporary Construction Staging Area
 - Temporary Construction Access
 - Traffic Barrier
 - Limit of Construction Disturbance
 - Split Rail Fence
 - Security Fence
 - T Post Fence (consistent with property owner negotiations)
 - Property Line
 - Creek Flowline



- LEGEND**
- (NIC) Not in Pathway Project

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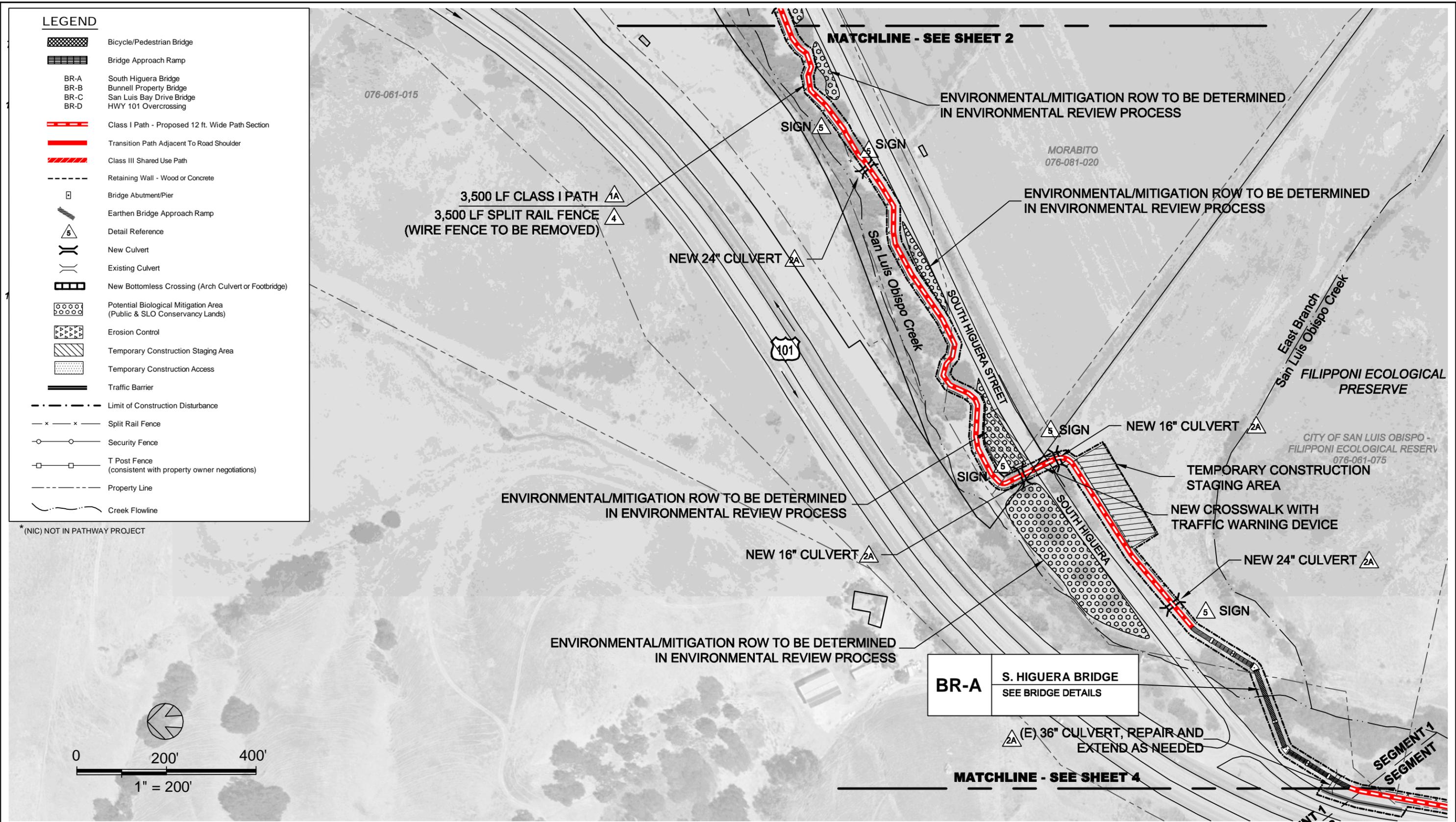
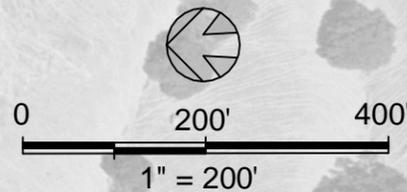
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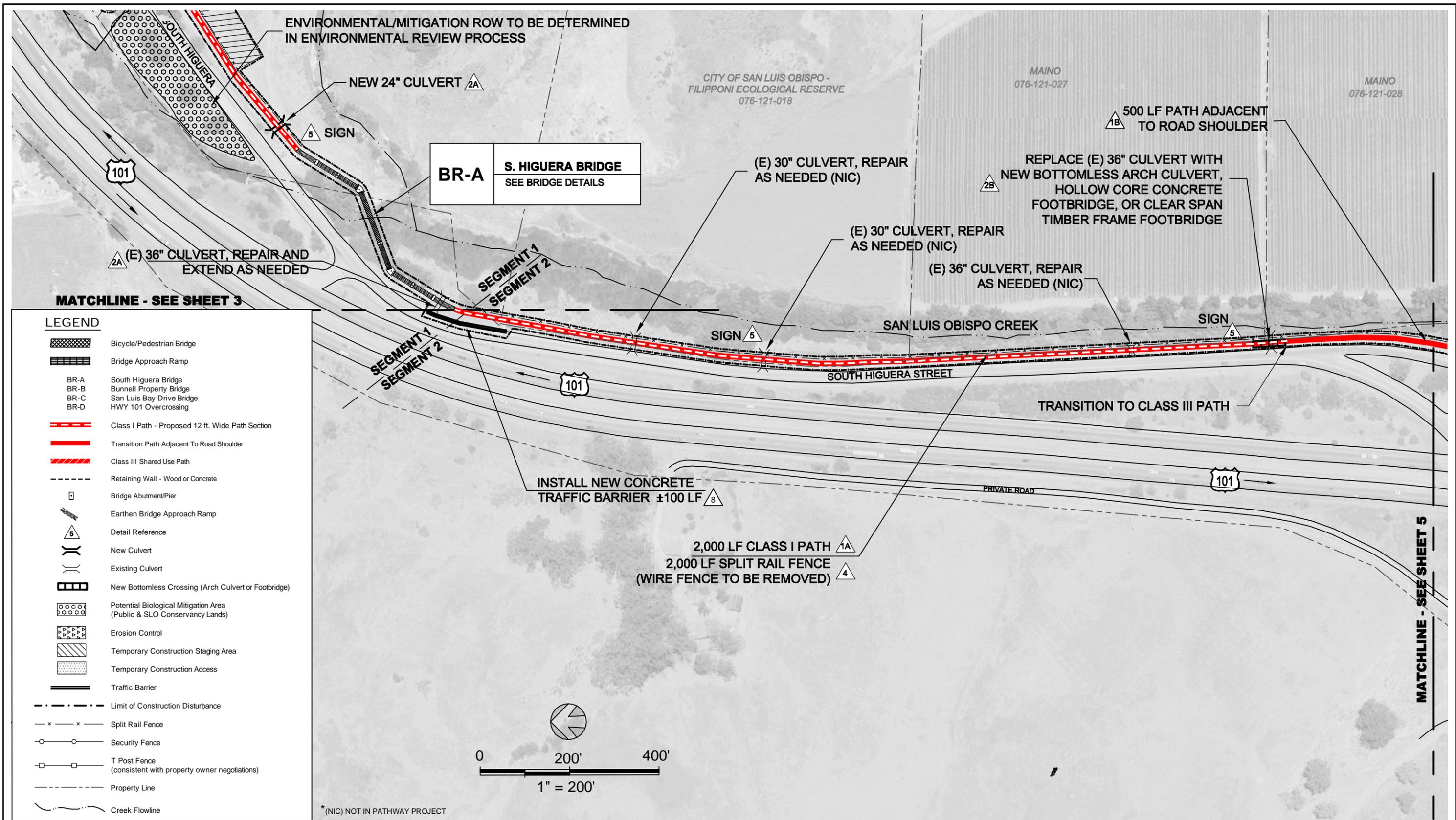


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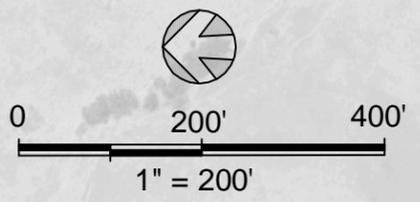
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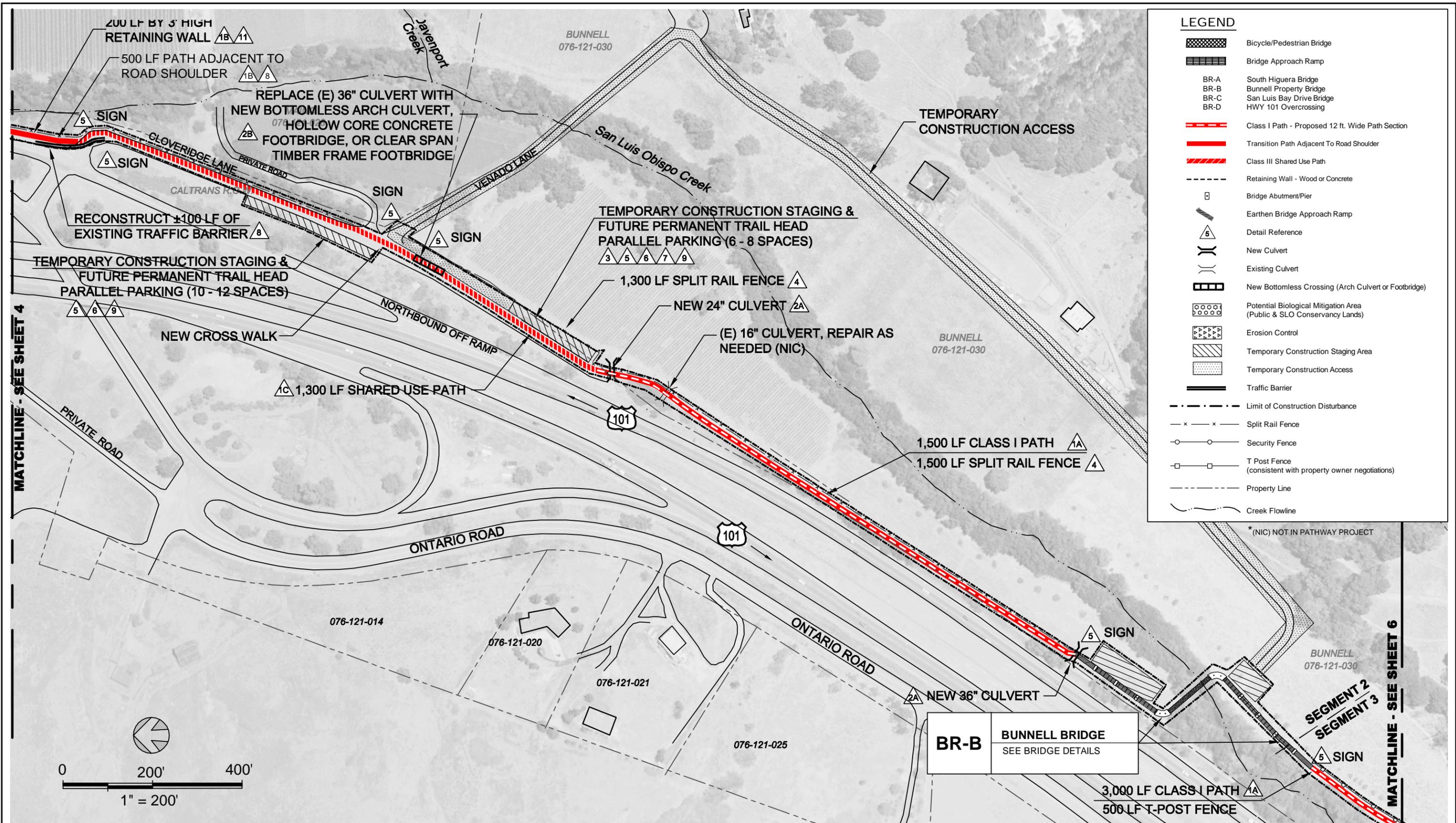


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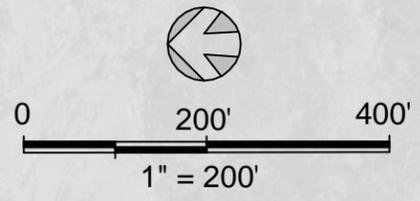
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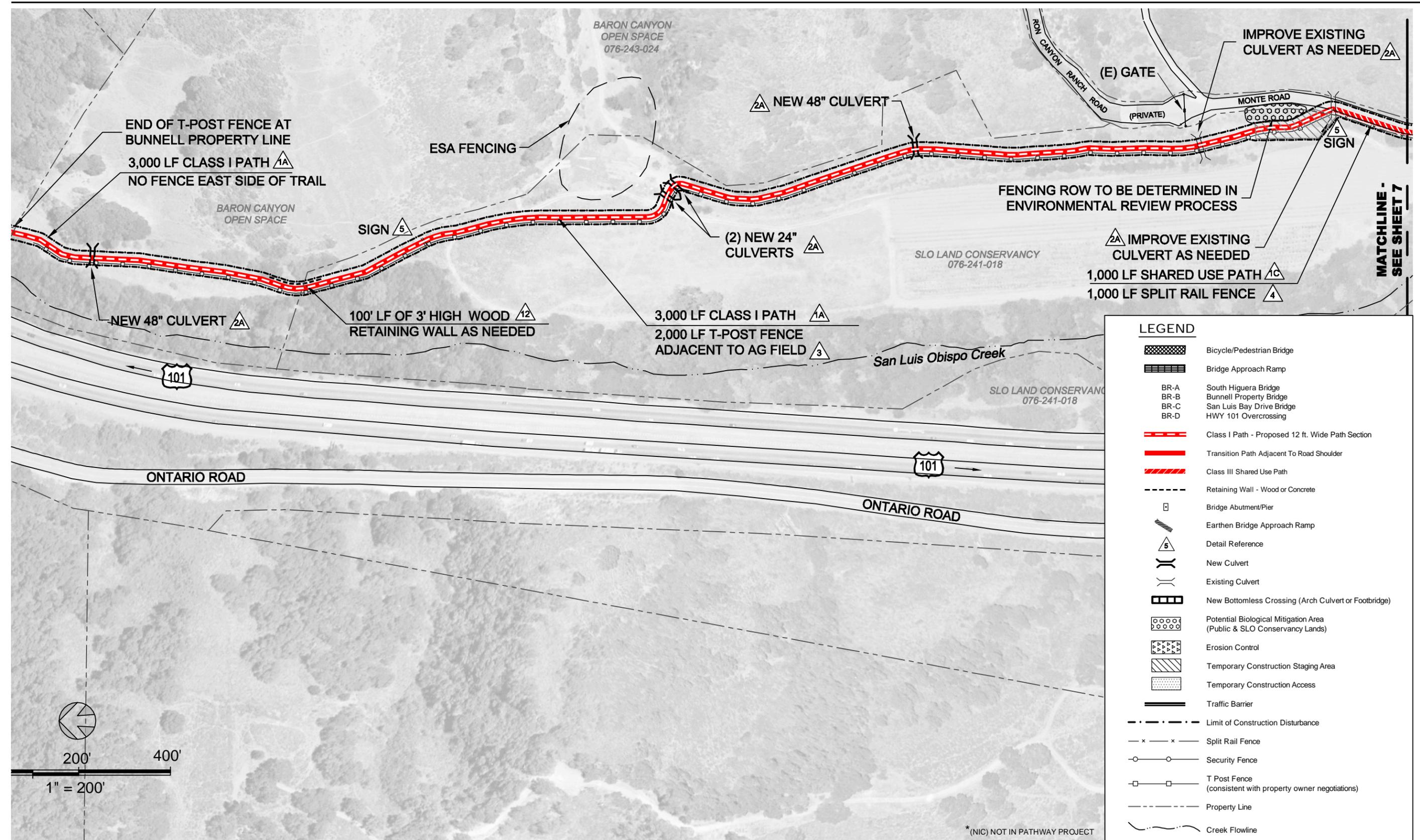


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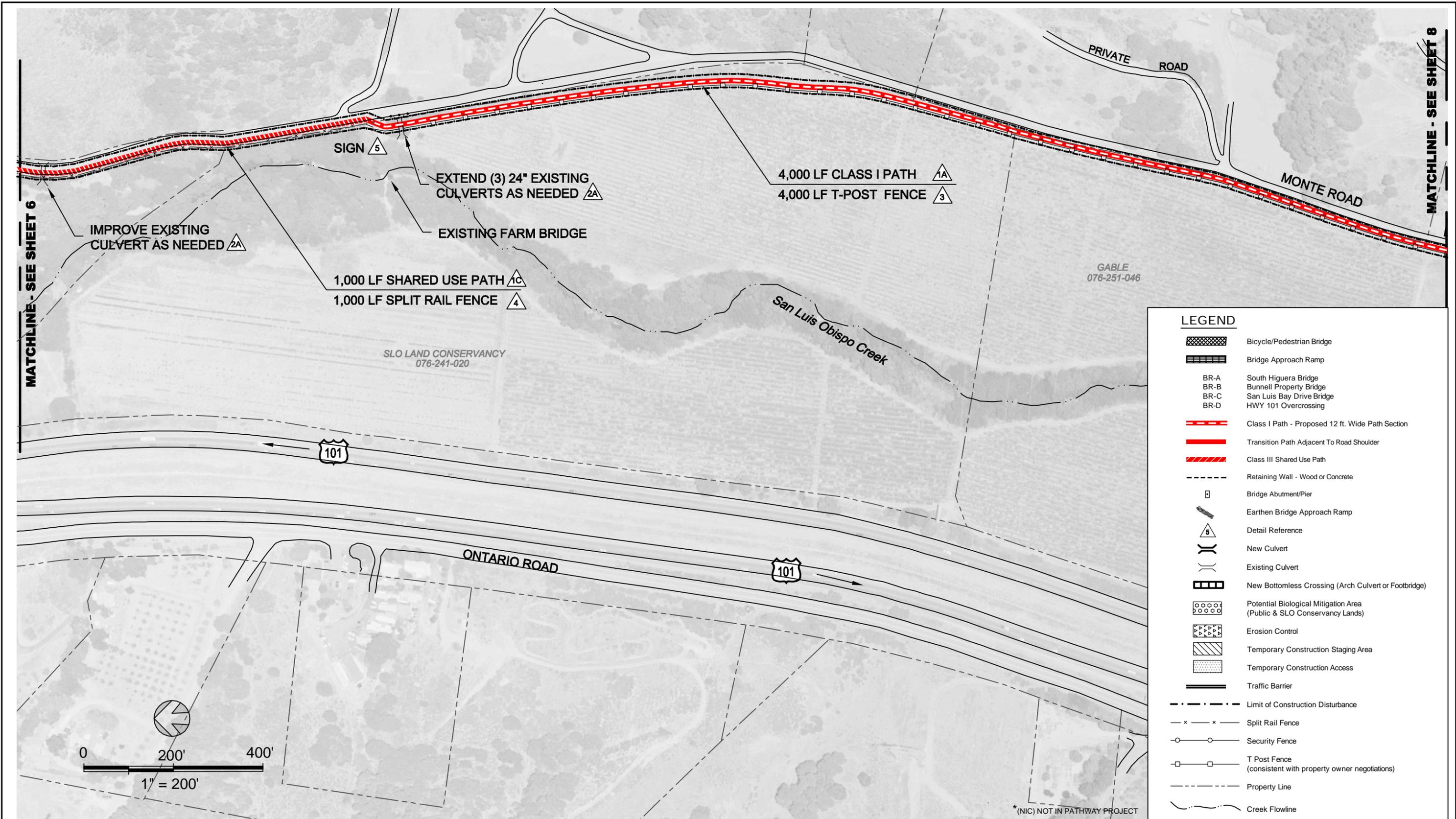
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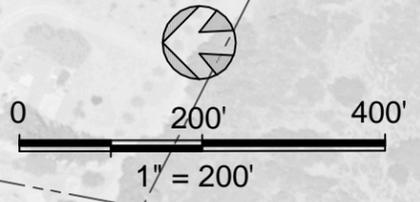
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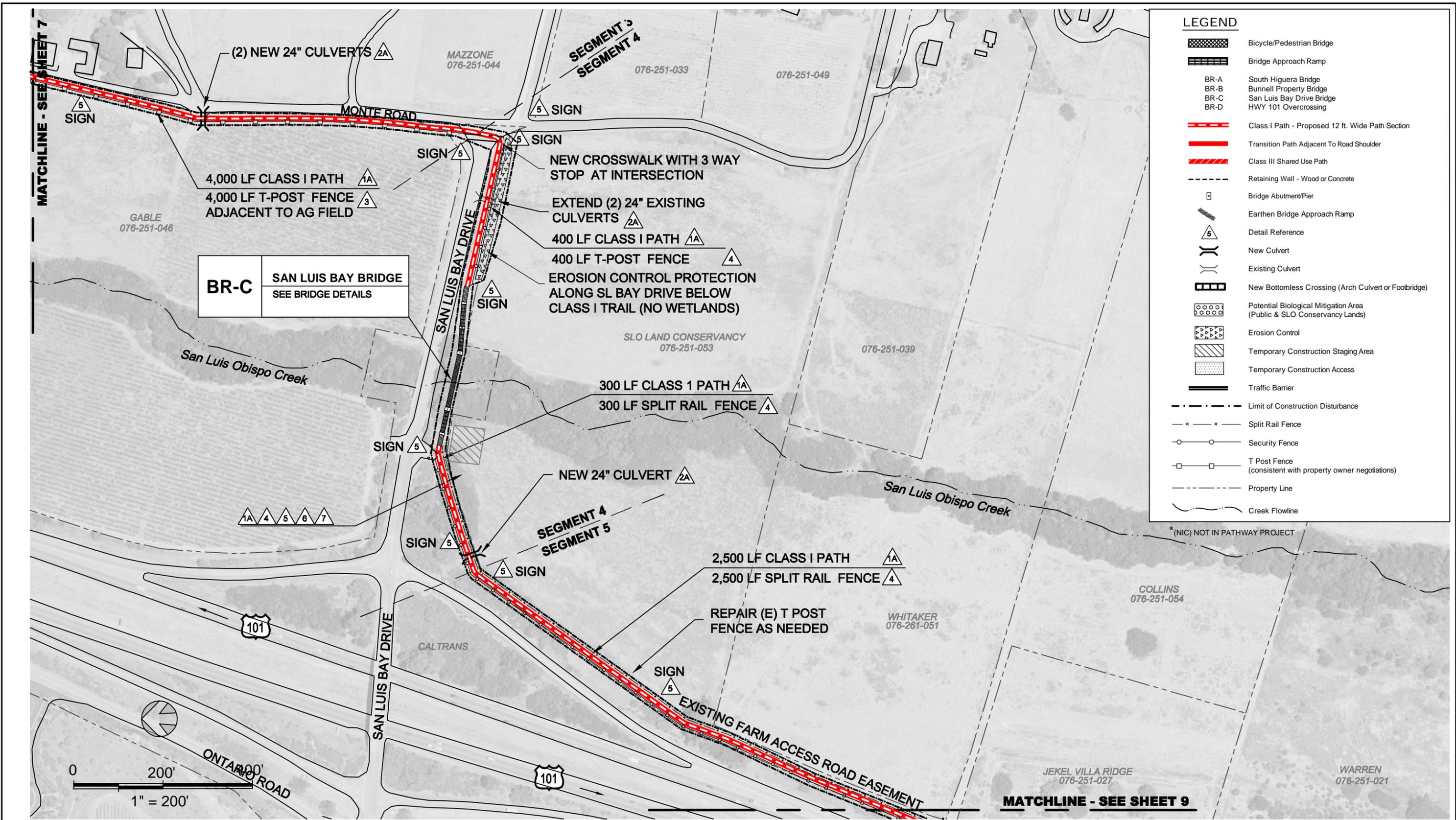


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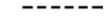
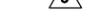
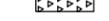
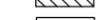
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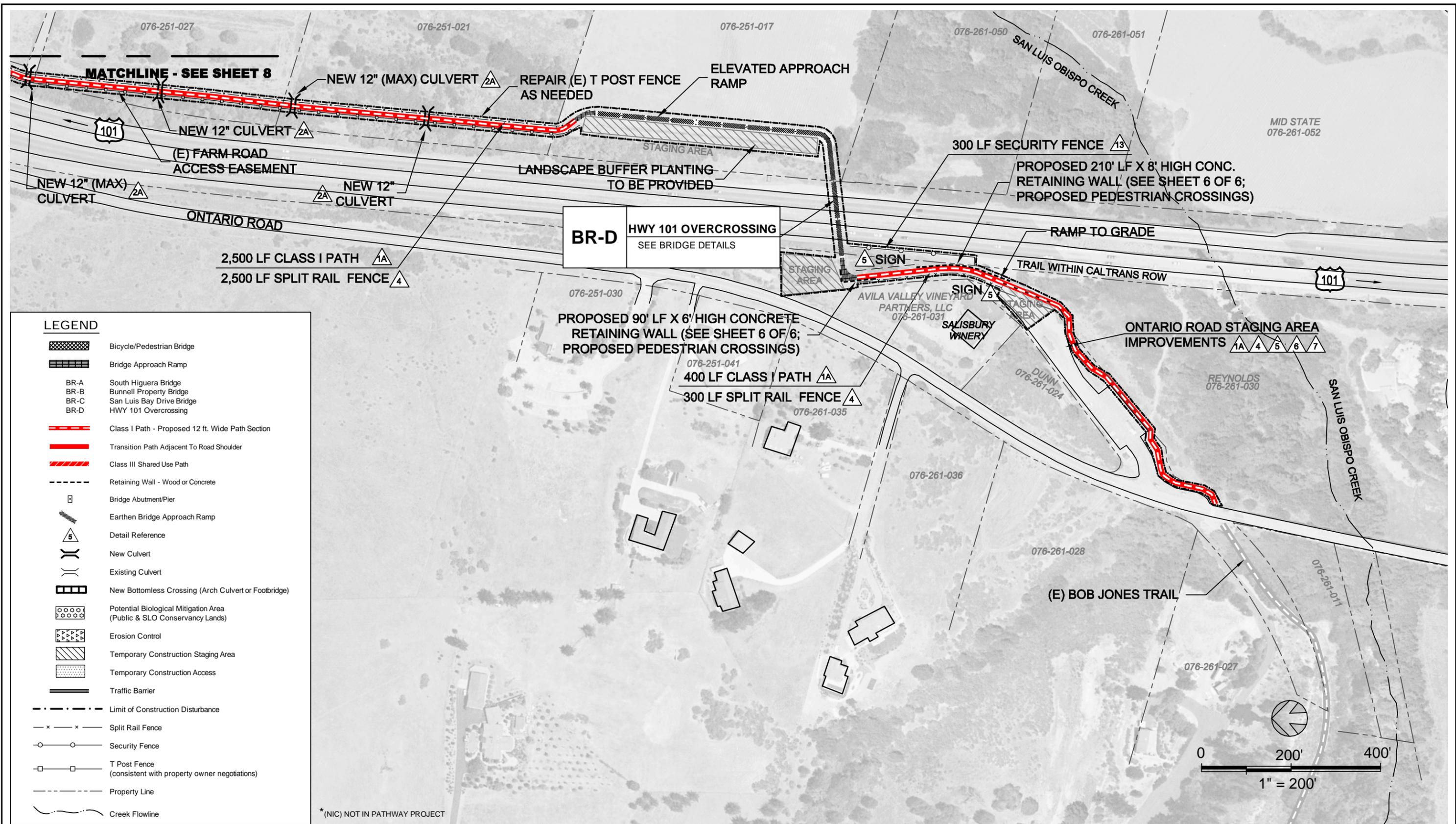


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PRELIMINARY PLAN

SHEET

8 OF 9



LEGEND

- Bicycle/Pedestrian Bridge
- Bridge Approach Ramp
- BR-A South Higuera Bridge
- BR-B Bunnell Property Bridge
- BR-C San Luis Bay Drive Bridge
- BR-D HWY 101 Overcrossing
- Class I Path - Proposed 12 ft. Wide Path Section
- Transition Path Adjacent To Road Shoulder
- Class III Shared Use Path
- Retaining Wall - Wood or Concrete
- Bridge Abutment/Pier
- Earthen Bridge Approach Ramp
- Detail Reference
- New Culvert
- Existing Culvert
- New Bottomless Crossing (Arch Culvert or Footbridge)
- Potential Biological Mitigation Area (Public & SLO Conservancy Lands)
- Erosion Control
- Temporary Construction Staging Area
- Temporary Construction Access
- Traffic Barrier
- Limit of Construction Disturbance
- Split Rail Fence
- Security Fence
- T Post Fence (consistent with property owner negotiations)
- Property Line
- Creek Flowline

* (NIC) NOT IN PATHWAY PROJECT

BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD



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DESIGN	MH/JM
DRAWN	BJV/JAP
CHECKED	JP/JM
APPRD	JP
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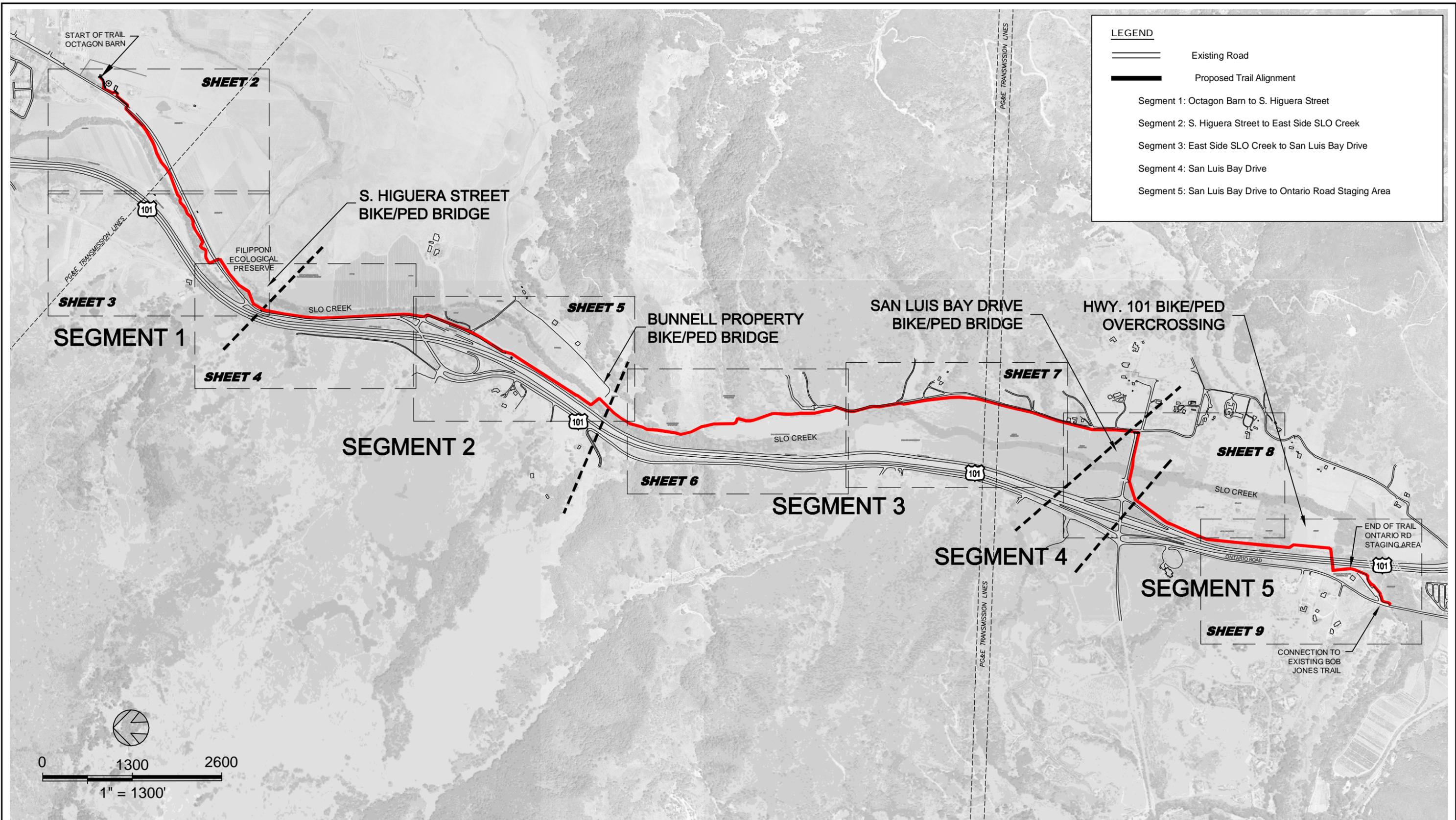
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PRELIMINARY PLAN

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9 OF 9

Appendix B Path Right of Way



LEGEND

Existing Road

Proposed Trail Alignment

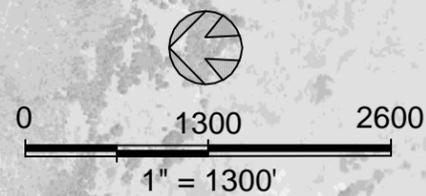
Segment 1: Octagon Barn to S. Higuera Street

Segment 2: S. Higuera Street to East Side SLO Creek

Segment 3: East Side SLO Creek to San Luis Bay Drive

Segment 4: San Luis Bay Drive

Segment 5: San Luis Bay Drive to Ontario Road Staging Area



BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD

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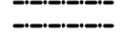
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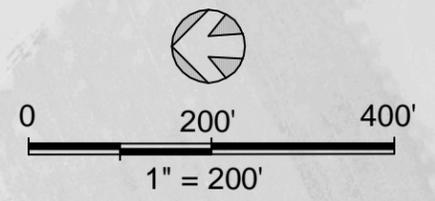
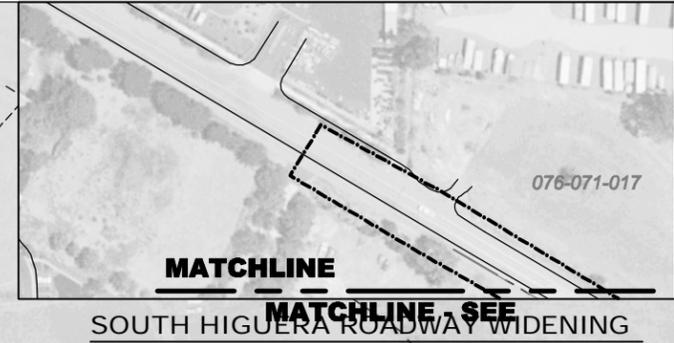
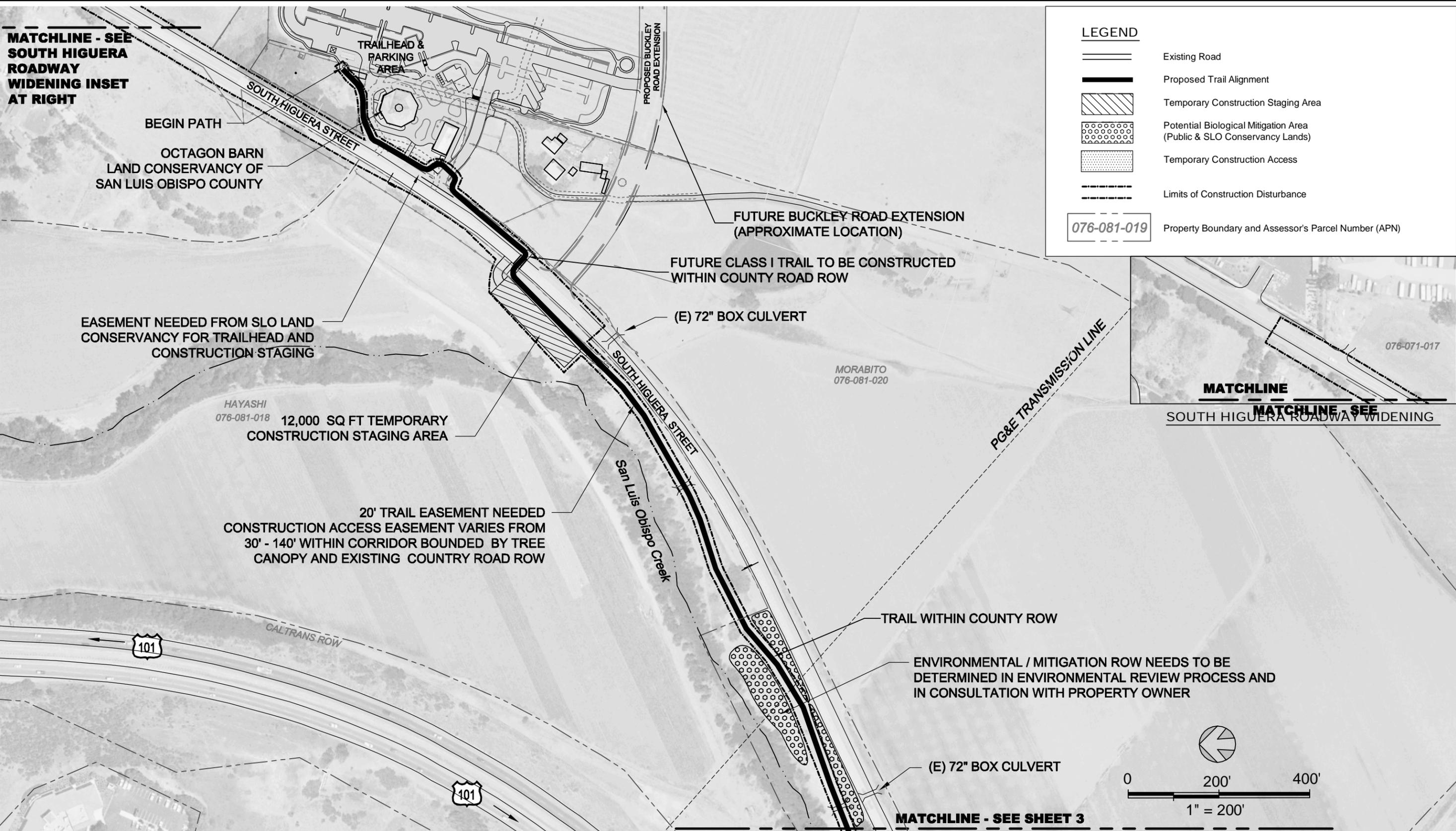
TRAIL RIGHT OF WAY		SHEET
		1 OF 9

MATCHLINE - SEE SOUTH HIGUERA ROADWAY WIDENING INSET AT RIGHT

LEGEND

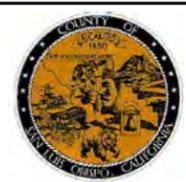
-  Existing Road
-  Proposed Trail Alignment
-  Temporary Construction Staging Area
-  Potential Biological Mitigation Area (Public & SLO Conservancy Lands)
-  Temporary Construction Access
-  Limits of Construction Disturbance
-  Property Boundary and Assessor's Parcel Number (APN)

076-081-019



BOB JONES PATHWAY
 SAN LUIS OBISPO TO ONTARIO ROAD

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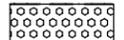
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TRAIL RIGHT OF WAY

SHEET
 2 OF 9

LEGEND

-  Existing Road
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-  Potential Biological Mitigation Area (Public & SLO Conservancy Lands)
-  Temporary Construction Access
-  Limits of Construction Disturbance
-  Property Boundary and Assessor's Parcel Number (APN)

76-061-015

MORABITO
076-081-020

076-081-019 Property Boundary and Assessor's Parcel Number (APN)

20' TRAIL EASEMENT
CONSTRUCTION ACCESS EASEMENT VARIES FROM
30' - 140' WITHIN CORRIDOR BOUNDED BY TREE
CANOPY AND EXISTING COUNTRY ROAD ROW

ENVIRONMENTAL / MITIGATION EASEMENT NEEDS TO BE
DETERMINED IN ENVIRONMENTAL REVIEW PROCESS AND
IN CONSULTATION WITH PROPERTY OWNER

6,000 SQ FT TEMPORARY
CONSTRUCTION STAGING AREA
AGREEMENT NEEDED

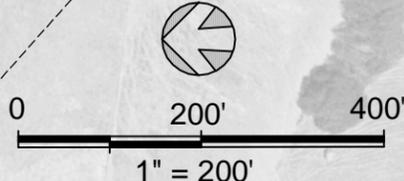
12,000 SQ FT TEMPORARY
CONSTRUCTION STAGING AREA
AGREEMENT NEEDED

20' TRAIL EASEMENT; TRAIL TO BE
CONSTRUCTED ON CITY OF SAN LUIS OBISPO
LANDS - FILIPPONI ECOLOGICAL PRESERVE
(LICENSING AGREEMENT MAY BE NEEDED
ALONG WITH TEMPORARY CONSTRUCTION
EASEMENT WITHIN 40'-80' WIDE CORRIDOR)

MATCHLINE - SEE SHEET 2

MATCHLINE - SEE SHEET 4

PG&E TRANSMISSION LINE



BR-A S. HIGUERA BRIDGE
SEE BRIDGE DETAILS

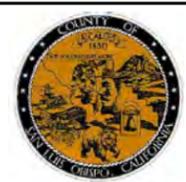
East Branch
San Luis Obispo Creek

CITY OF SAN LUIS
FILIPPONI ECOLOGICAL
076-061-075

BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD



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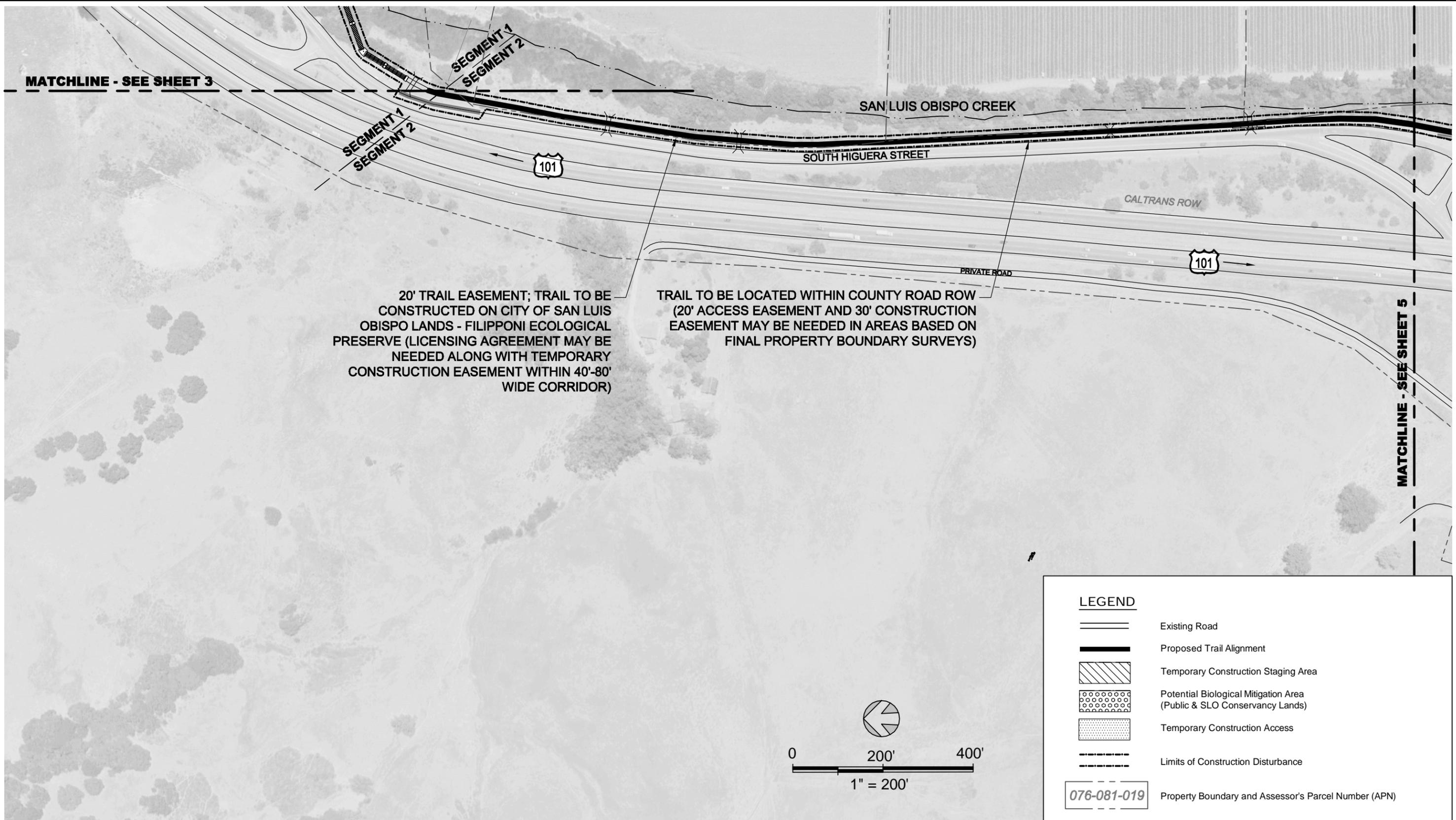
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TRAIL RIGHT OF WAY

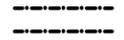
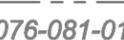
SHEET
3 OF 9

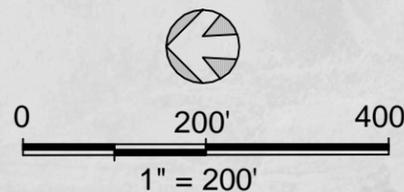


20' TRAIL EASEMENT; TRAIL TO BE CONSTRUCTED ON CITY OF SAN LUIS OBISPO LANDS - FILIPPONI ECOLOGICAL PRESERVE (LICENSING AGREEMENT MAY BE NEEDED ALONG WITH TEMPORARY CONSTRUCTION EASEMENT WITHIN 40'-80' WIDE CORRIDOR)

TRAIL TO BE LOCATED WITHIN COUNTY ROAD ROW (20' ACCESS EASEMENT AND 30' CONSTRUCTION EASEMENT MAY BE NEEDED IN AREAS BASED ON FINAL PROPERTY BOUNDARY SURVEYS)

LEGEND

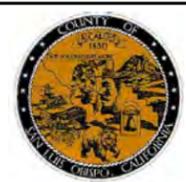
-  Existing Road
-  Proposed Trail Alignment
-  Temporary Construction Staging Area
-  Potential Biological Mitigation Area (Public & SLO Conservancy Lands)
-  Temporary Construction Access
-  Limits of Construction Disturbance
-  Property Boundary and Assessor's Parcel Number (APN)



BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD



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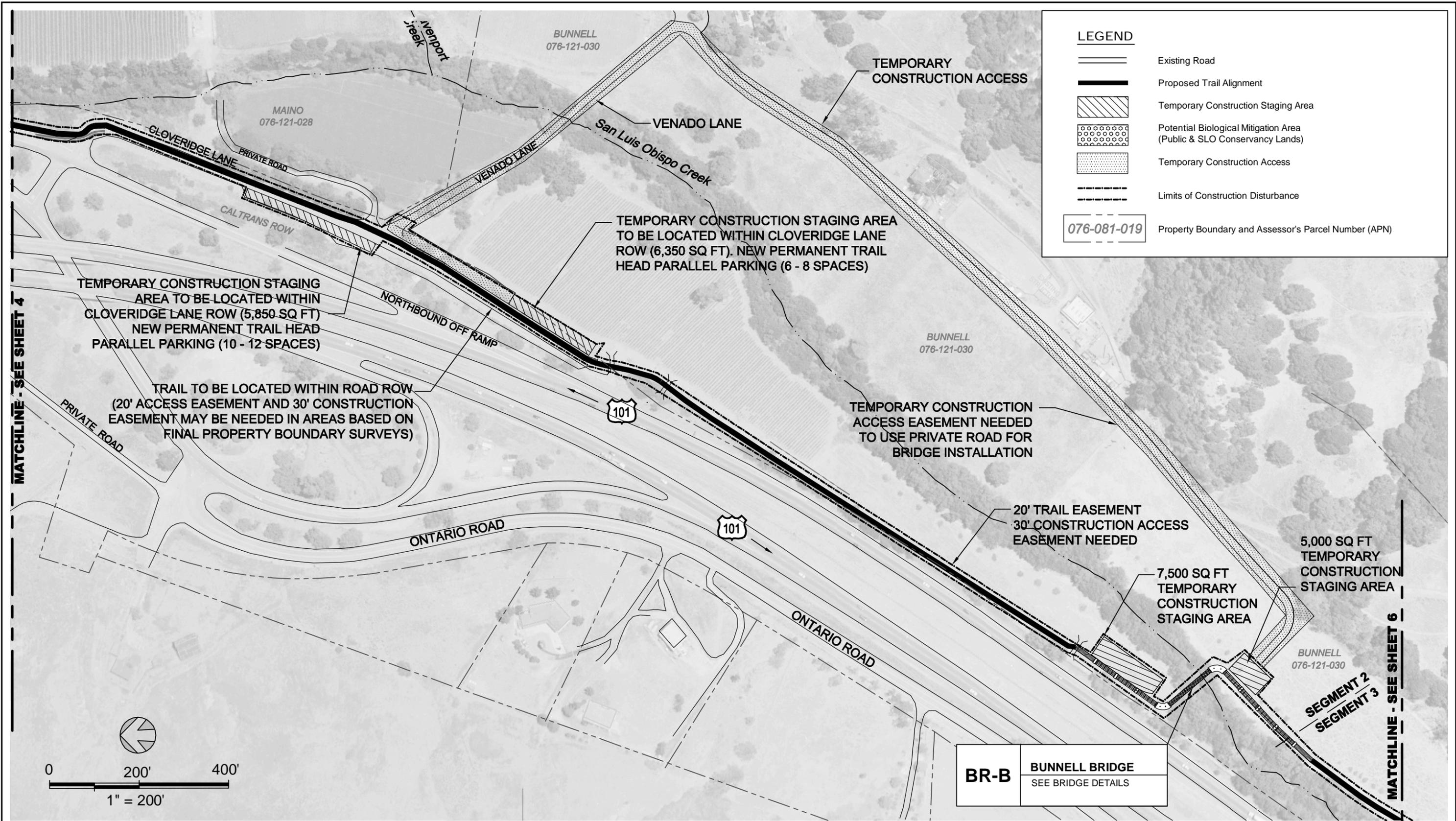
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TRAIL RIGHT OF WAY

SHEET
4 OF 9



LEGEND

- Existing Road
- Proposed Trail Alignment
- Temporary Construction Staging Area
- Potential Biological Mitigation Area (Public & SLO Conservancy Lands)
- Temporary Construction Access
- Limits of Construction Disturbance
- Property Boundary and Assessor's Parcel Number (APN)

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BR-B BUNNELL BRIDGE
SEE BRIDGE DETAILS

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SAN LUIS OBISPO TO ONTARIO ROAD



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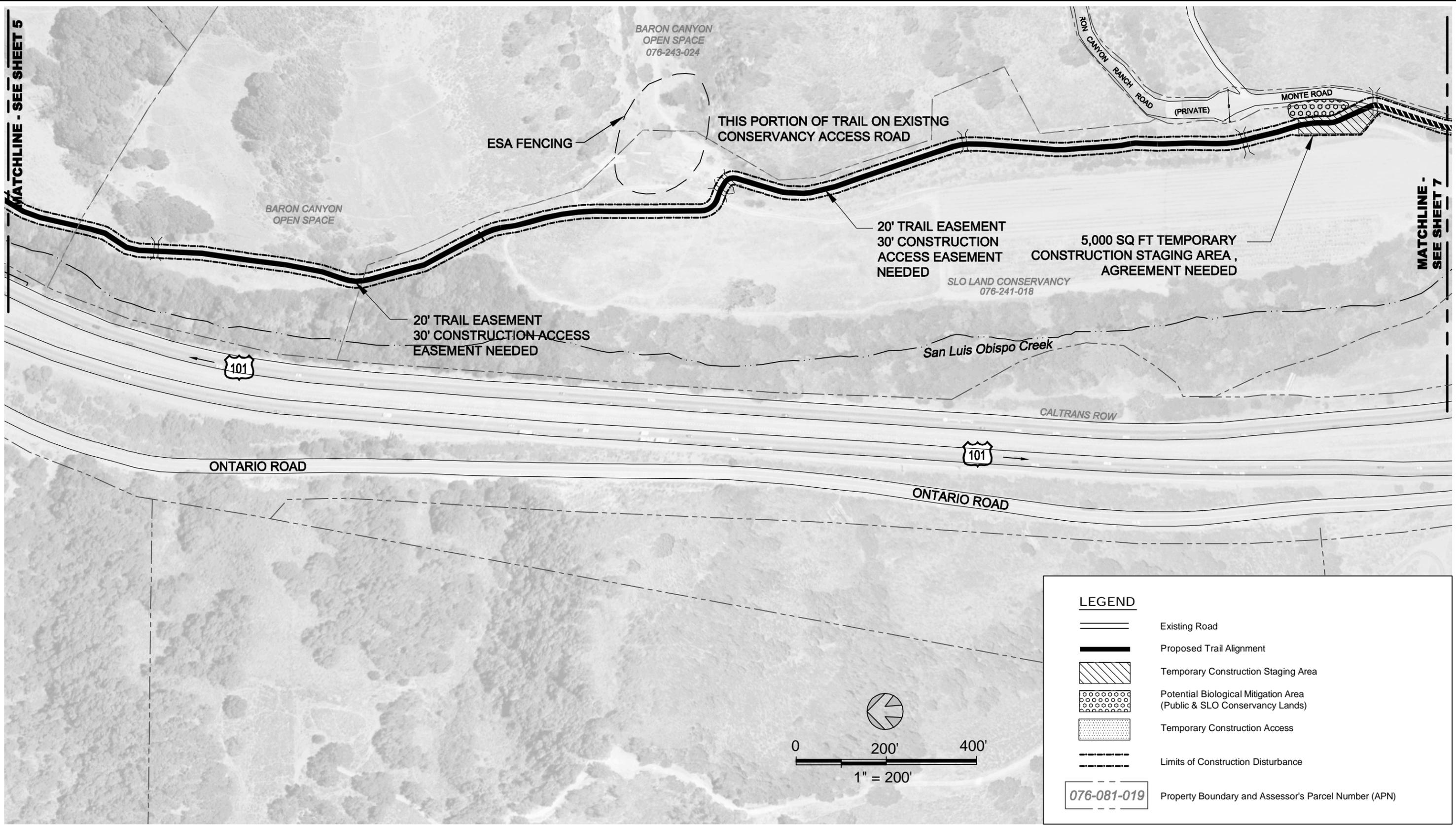
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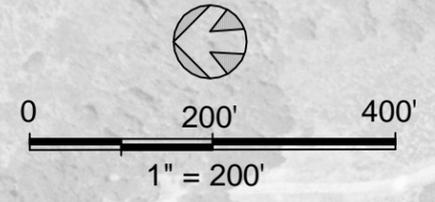
TRAIL RIGHT OF WAY

SHEET
5 OF 9



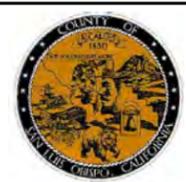
LEGEND

- Existing Road
- Proposed Trail Alignment
- Temporary Construction Staging Area
- Potential Biological Mitigation Area (Public & SLO Conservancy Lands)
- Temporary Construction Access
- Limits of Construction Disturbance
- Property Boundary and Assessor's Parcel Number (APN)



BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD

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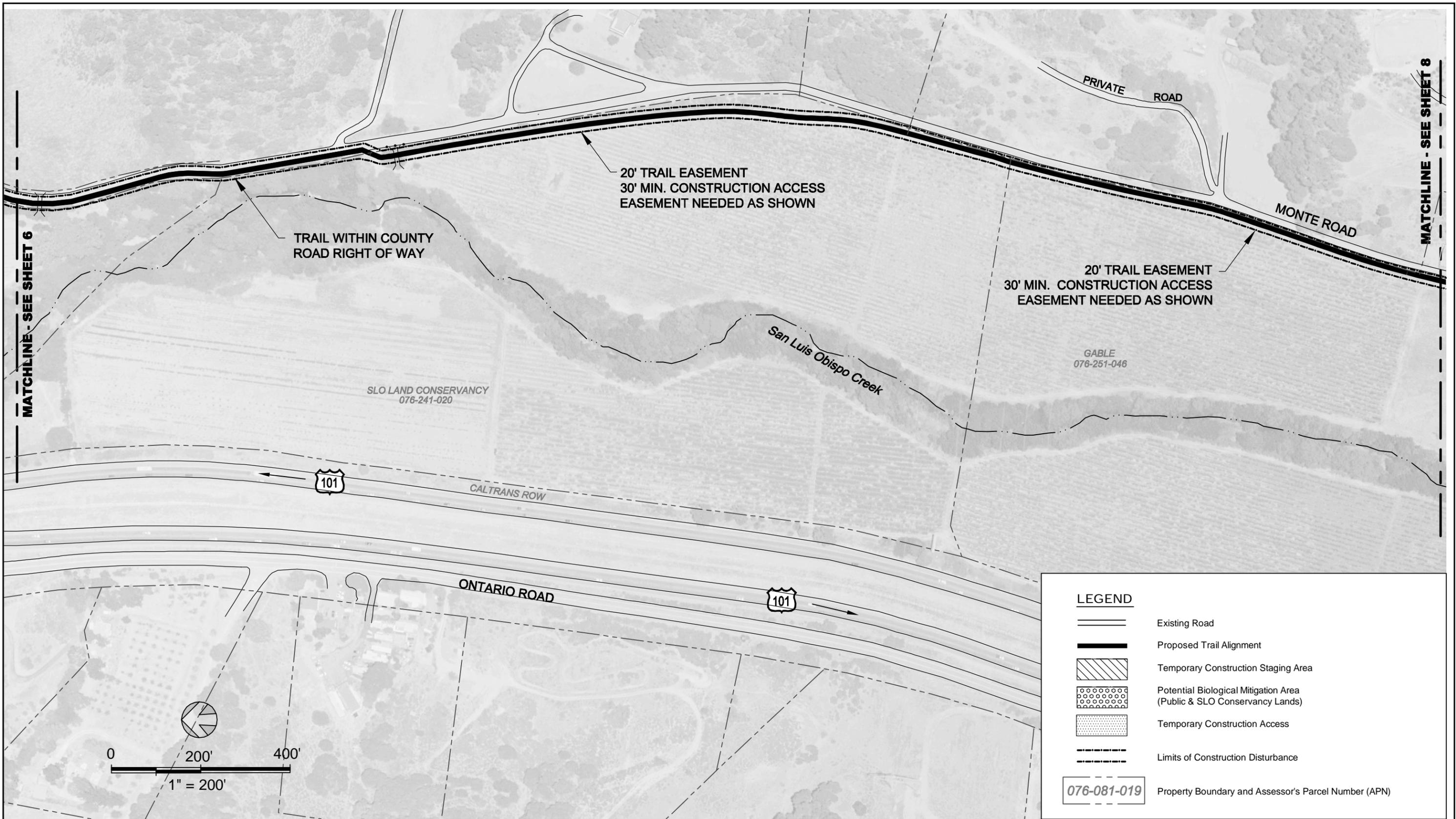


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TRAIL RIGHT OF WAY

SHEET
6 OF 9



BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD



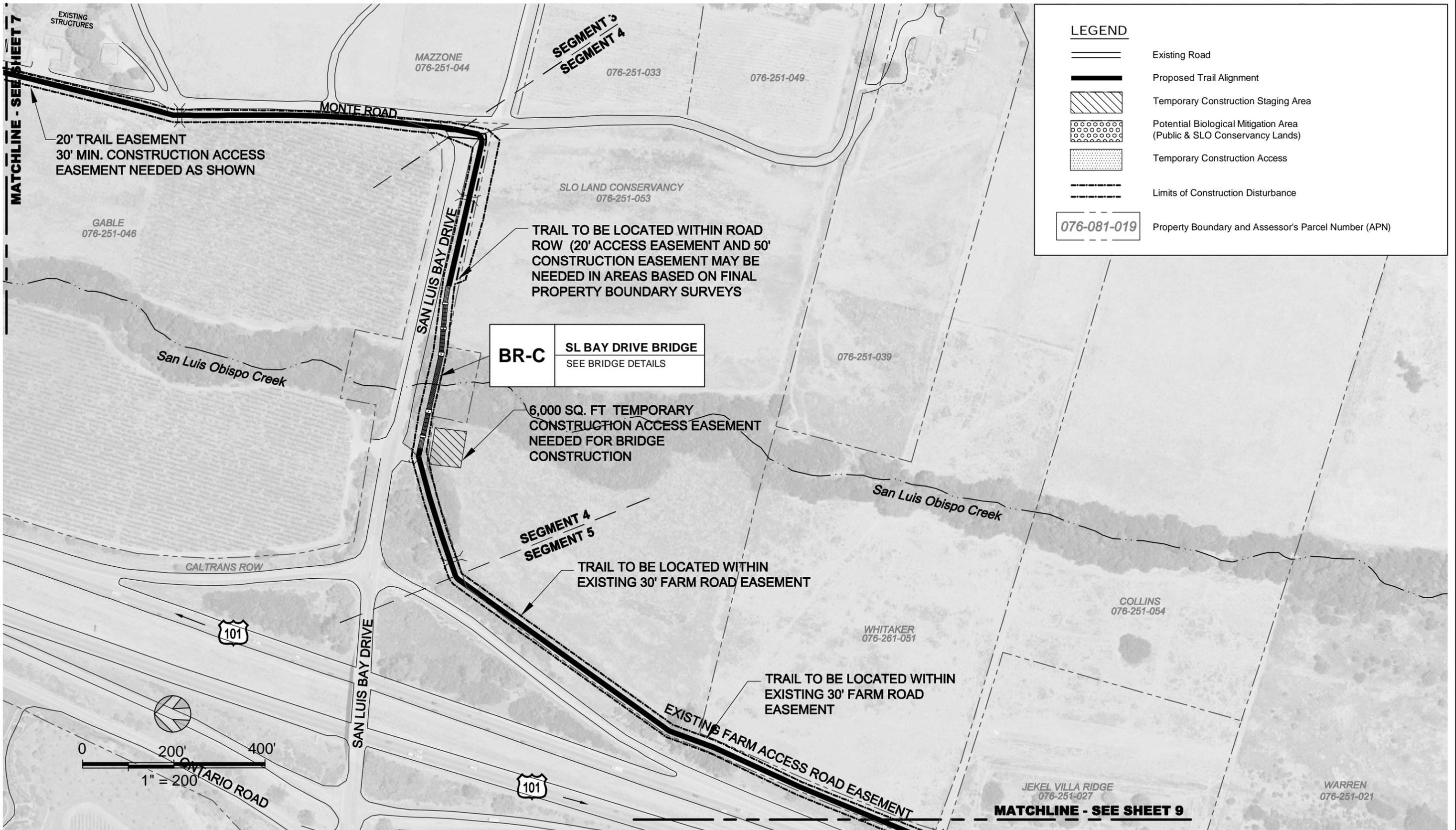
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TRAIL RIGHT OF WAY

SHEET

7 OF 9



LEGEND

- Existing Road
- Proposed Trail Alignment
- Temporary Construction Staging Area
- Potential Biological Mitigation Area (Public & SLO Conservancy Lands)
- Temporary Construction Access
- Limits of Construction Disturbance
- Property Boundary and Assessor's Parcel Number (APN)

076-081-019

BR-C SL BAY DRIVE BRIDGE
SEE BRIDGE DETAILS

6,000 SQ. FT TEMPORARY CONSTRUCTION ACCESS EASEMENT NEEDED FOR BRIDGE CONSTRUCTION

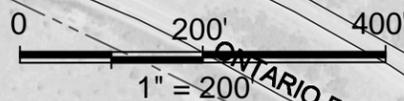
SEGMENT 4
SEGMENT 5

TRAIL TO BE LOCATED WITHIN EXISTING 30' FARM ROAD EASEMENT

TRAIL TO BE LOCATED WITHIN EXISTING 30' FARM ROAD EASEMENT

EXISTING FARM ACCESS ROAD EASEMENT

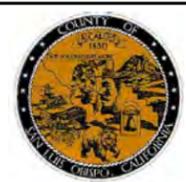
20' TRAIL EASEMENT
30' MIN. CONSTRUCTION ACCESS EASEMENT NEEDED AS SHOWN



BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD



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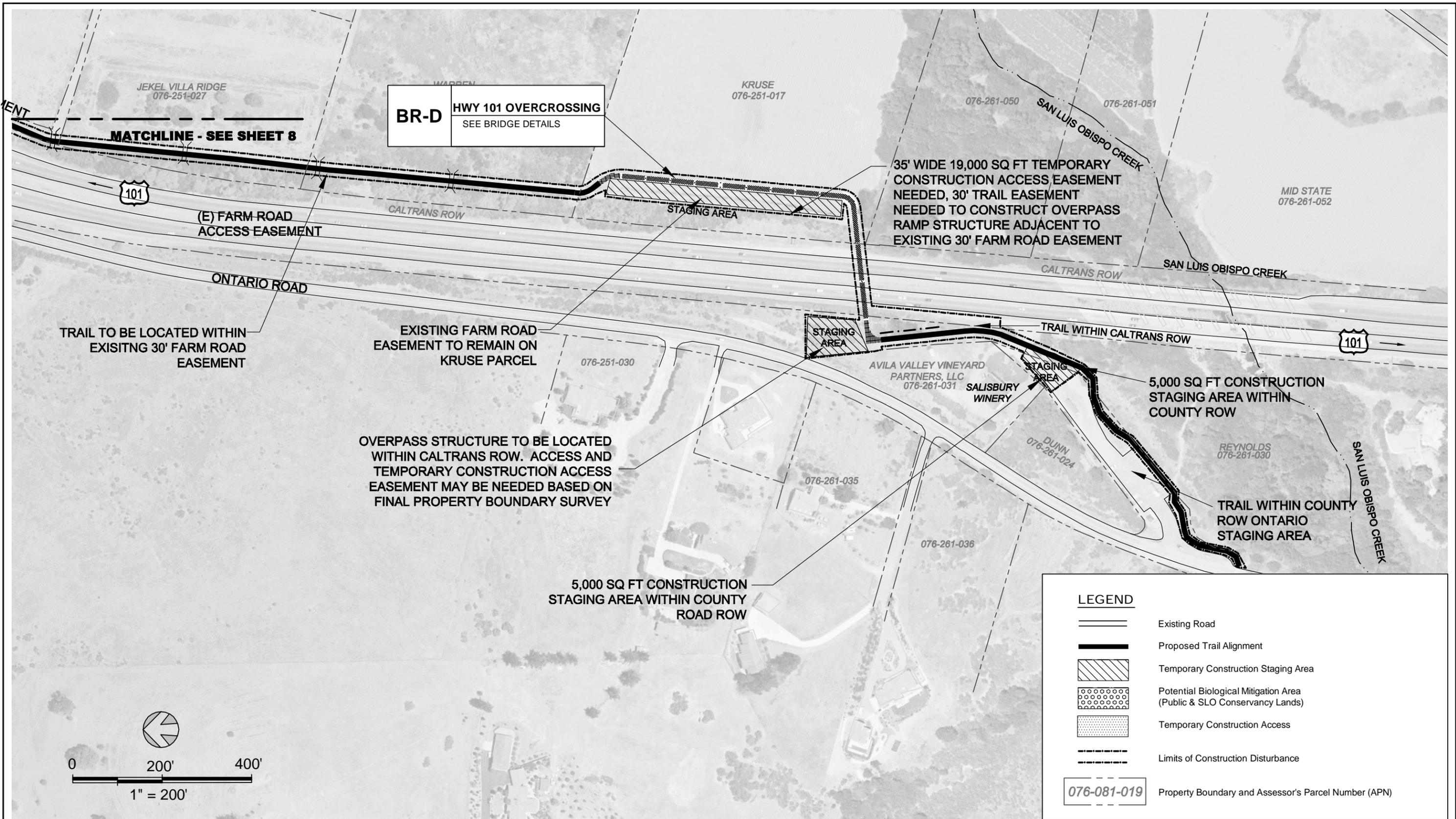


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TRAIL RIGHT OF WAY

SHEET
8 OF 9



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TRAIL RIGHT OF WAY

SHEET

9 OF 9

Appendix C Path Cross Sections



LEGEND

XS-3 Cross Section Number and View Orientation

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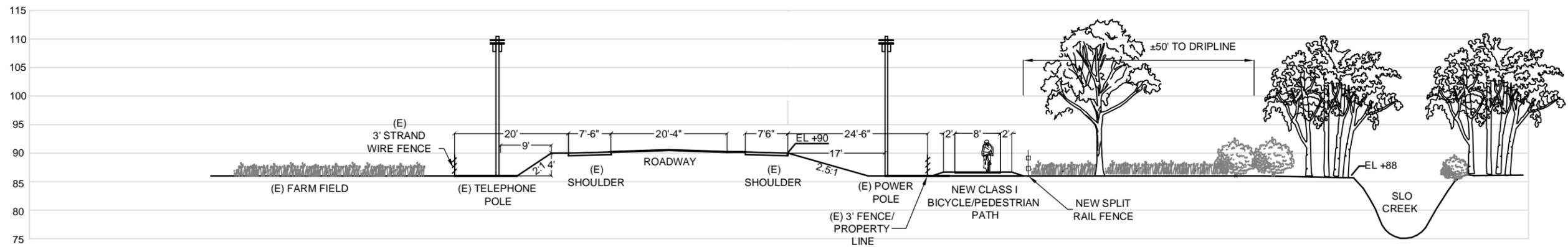
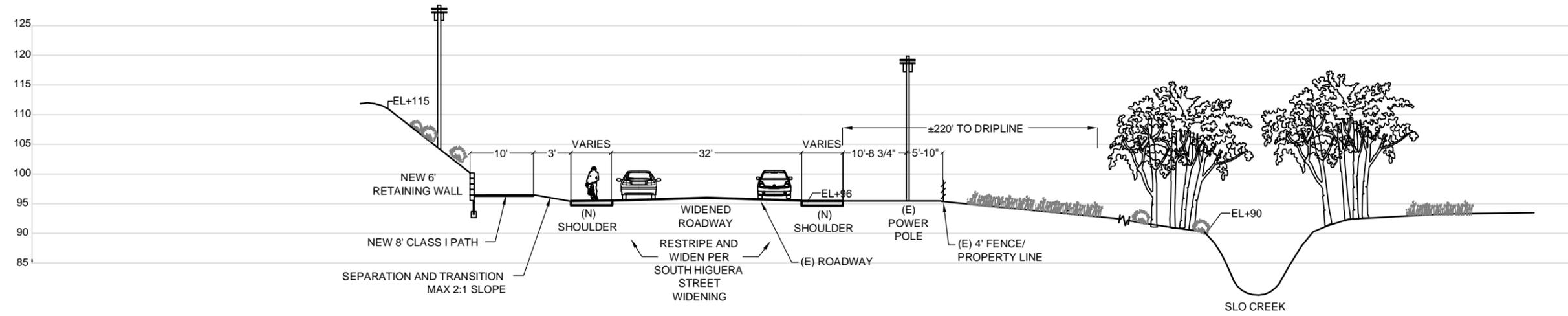


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CROSS SECTION LOCATIONS OVERVIEW

SHEET
1 OF 11



BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD



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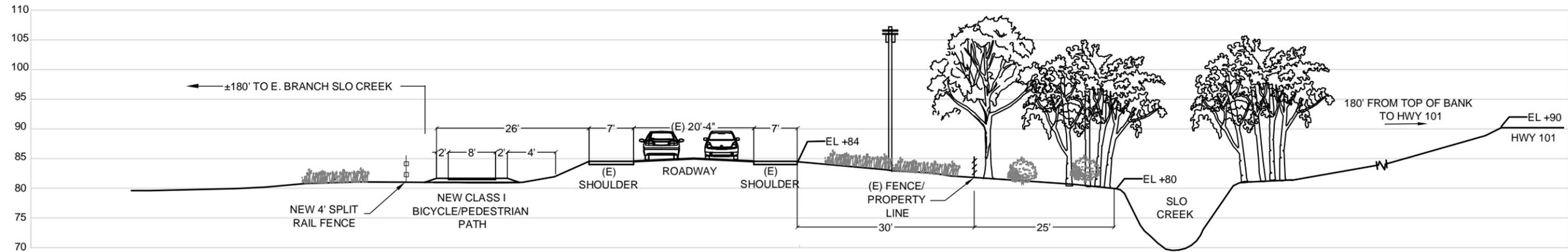
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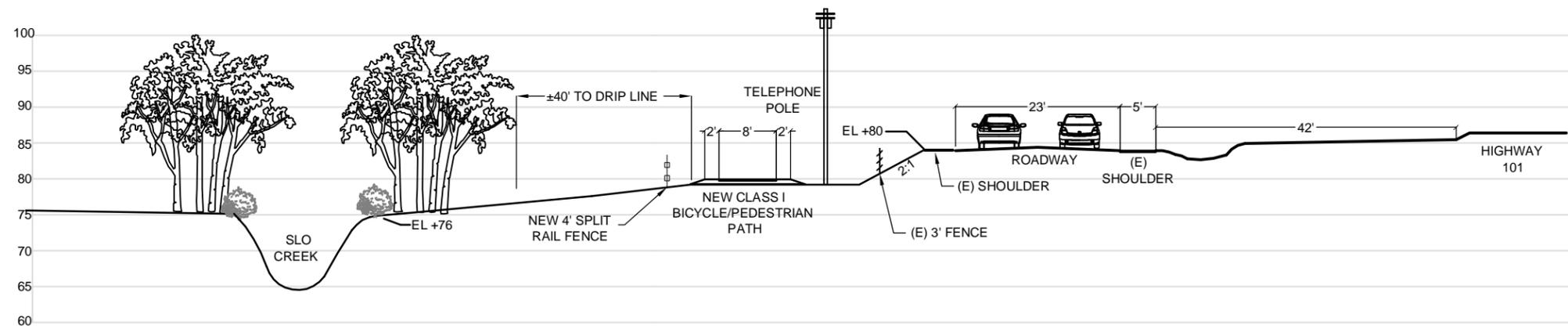
TRAIL CROSS SECTIONS
1 AND 2

SHEET

2 OF 11



XS-3
S. HIGUERA AT FILIPPONI PRESERVE DRIVEWAY
(LOOKING SOUTH)



XS-4
S. HIGUERA STREET
(LOOKING SOUTH)

BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD



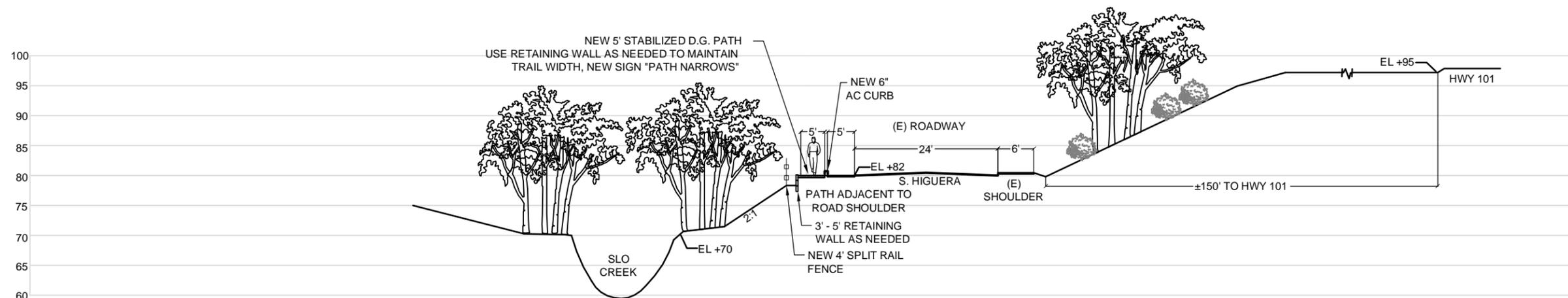
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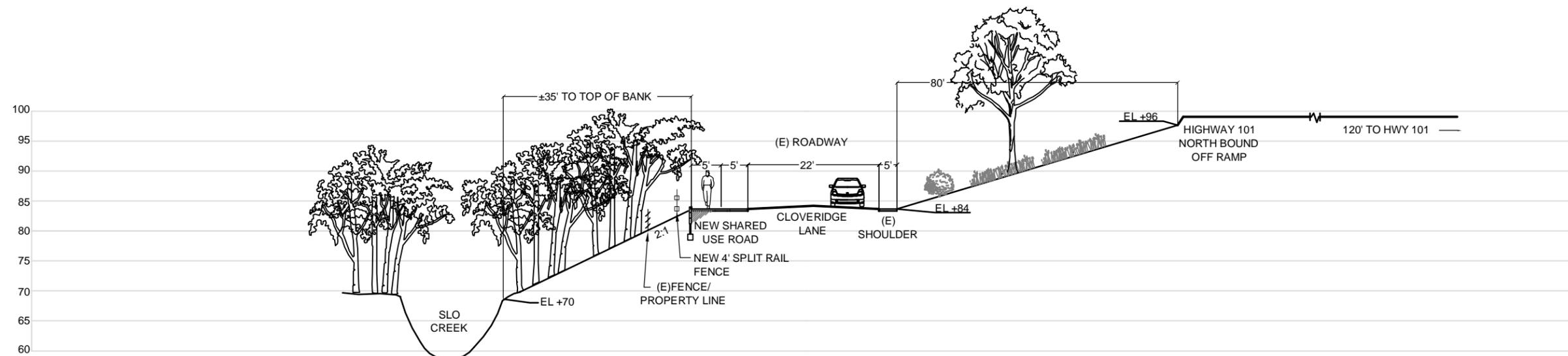
TRAIL CROSS SECTIONS
3 AND 4

SHEET

3 OF 11



XS-5
S.HIGUERA STREET NEAR CLOVERIDGE STOP SIGN
(LOOKING SOUTH)



XS-6
CLOVERIDGE LANE AT MAINO PROPERTY TRANSITION AREA
(LOOKING SOUTH)

BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD

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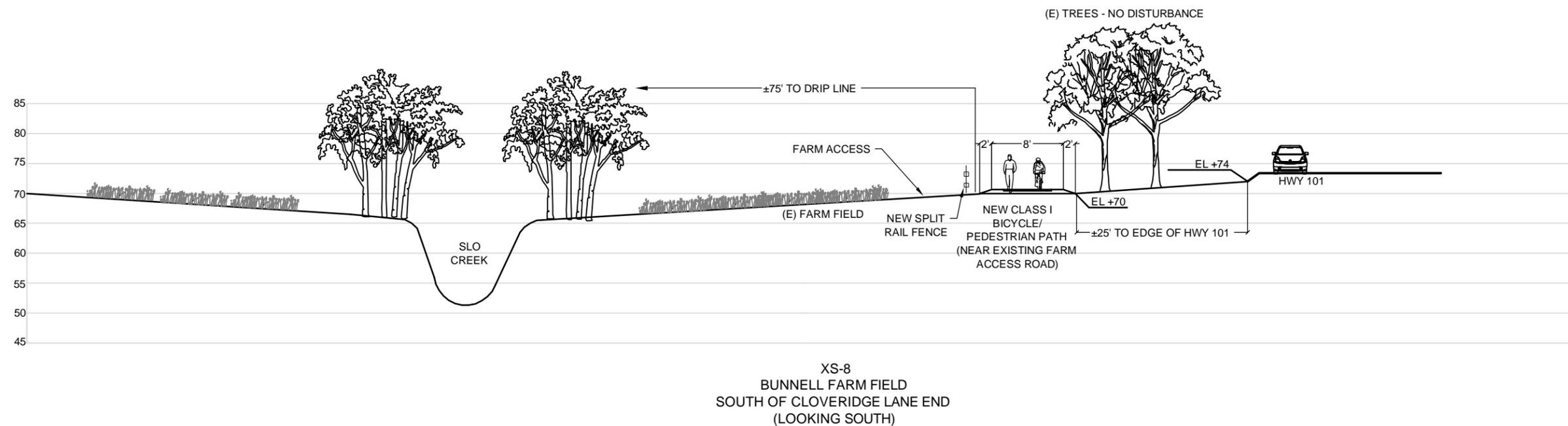
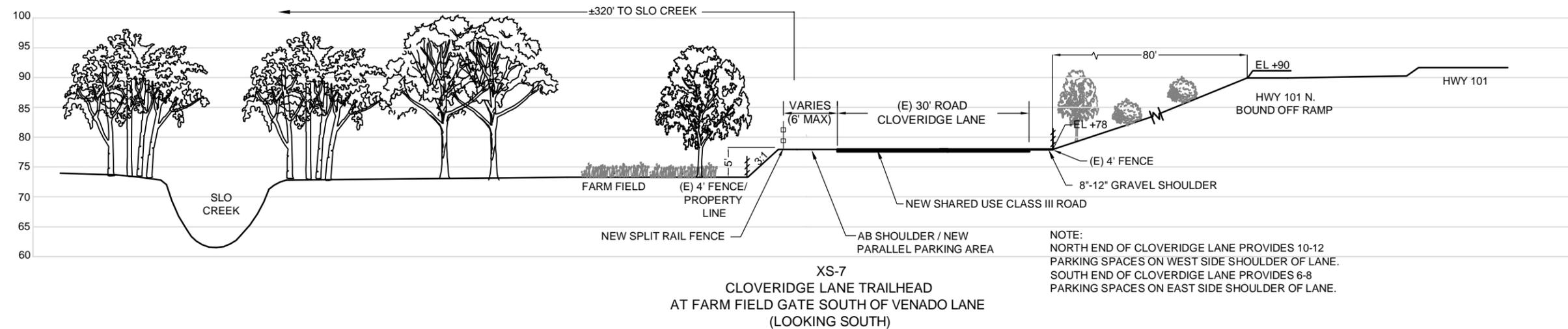
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TRAIL CROSS SECTIONS
5 AND 6

SHEET

4 OF 11



BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD

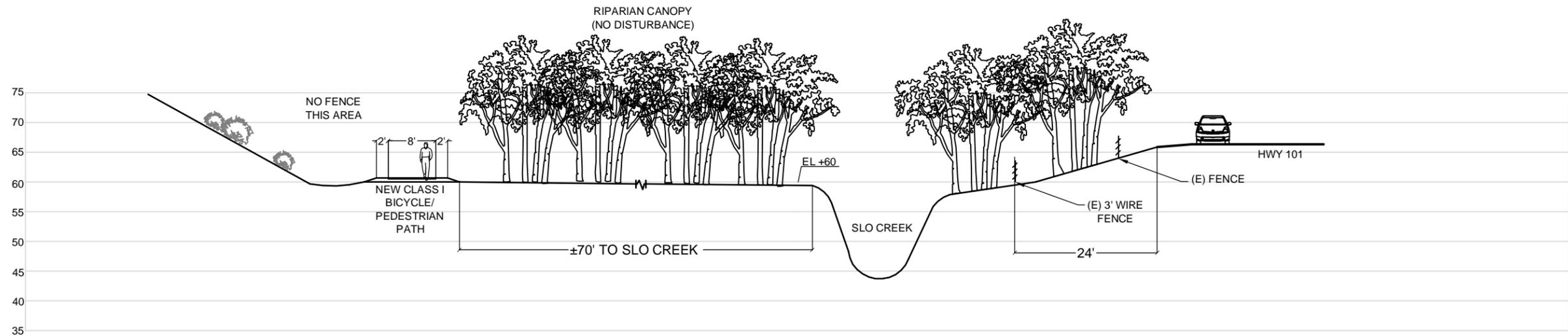
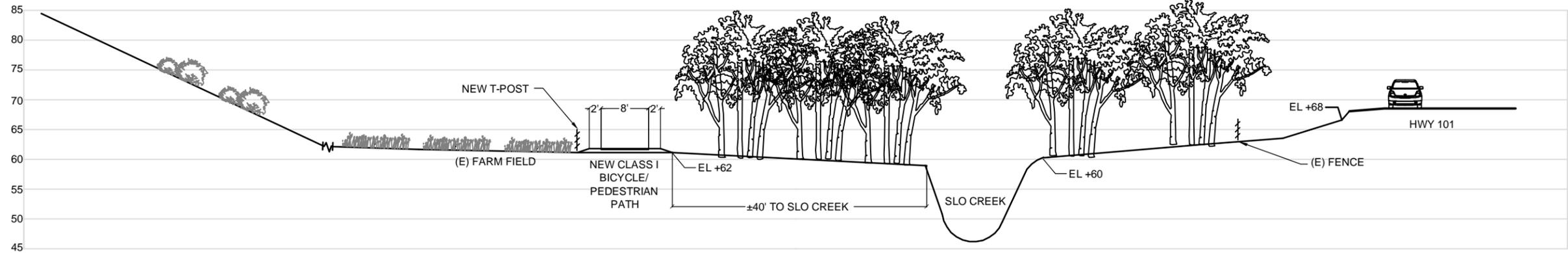


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TRAIL CROSS SECTIONS
7 AND 8

SHEET
5 OF 11



BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD



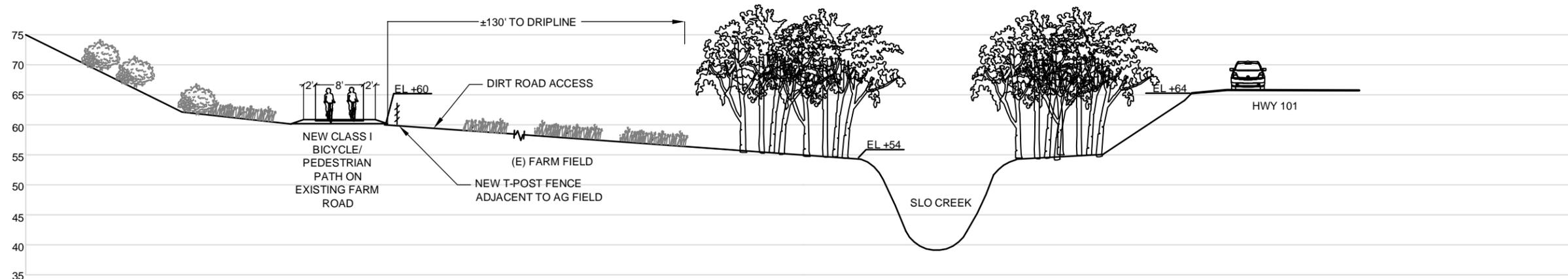
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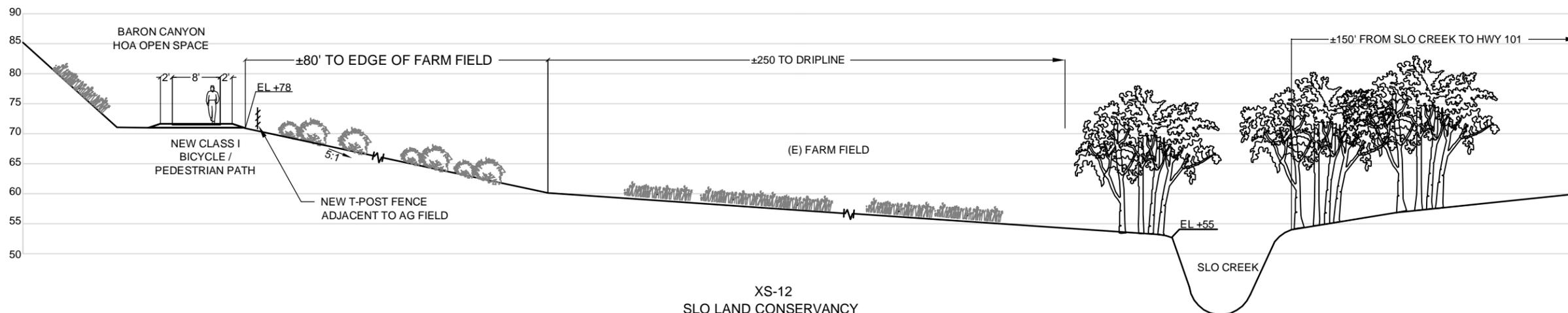
TRAIL CROSS SECTIONS
9 AND 10

SHEET

6 OF 11



XS-11
SLO CONSERVANCY
DIRT ACCESS ROAD
(LOOKING SOUTH)



XS-12
SLO LAND CONSERVANCY
DIRT ACCESS ROAD
(LOOKING SOUTH)

BOB JONES PATHWAY
SAN LUIS OBISPO TO ONTARIO ROAD



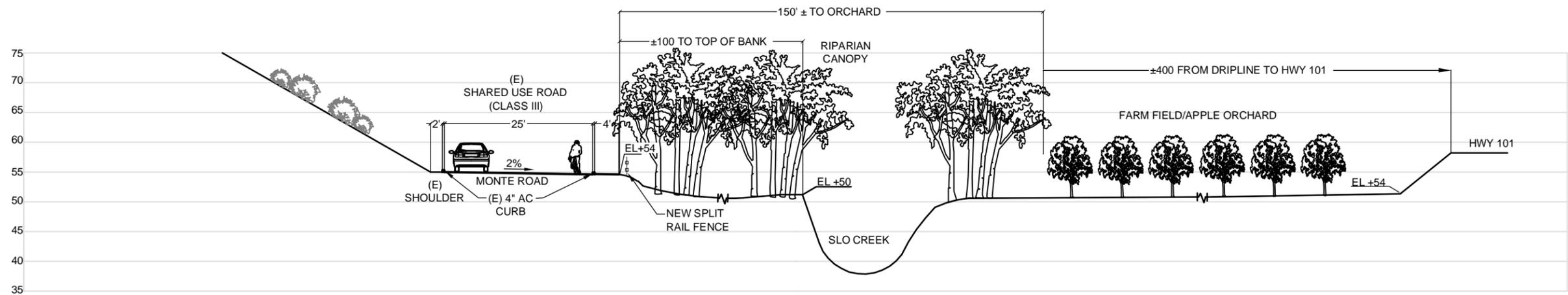
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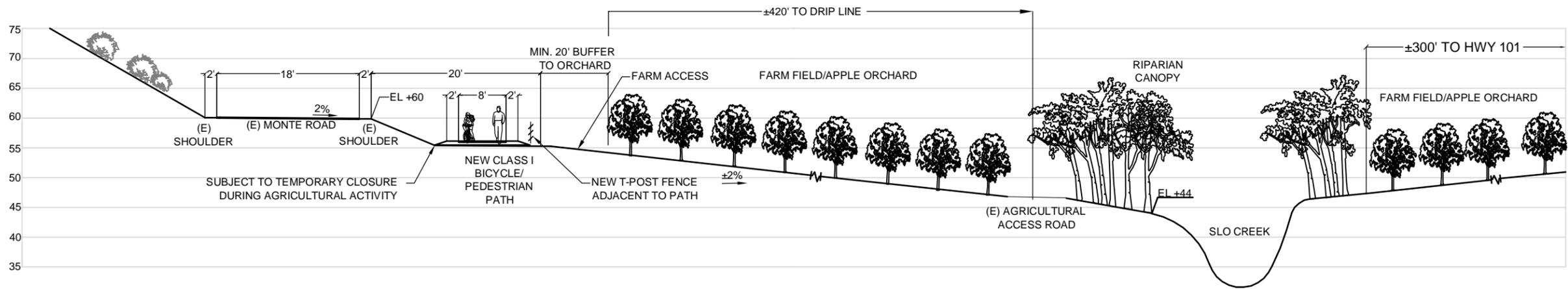
CROSS SECTIONS
11 AND 12

SHEET

7 OF 11



XS-13
MONTE ROAD SOUTH OF DRIVEWAY
TO BARON CANYON ESTATES
(LOOKING SOUTH)



XS-14
MONTE ROAD JUST SOUTH OF FARM BRIDGE
(LOOKING SOUTH)

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SAN LUIS OBISPO TO ONTARIO ROAD

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TRAIL CROSS SECTIONS
13 AND 14

SHEET

8 OF 11