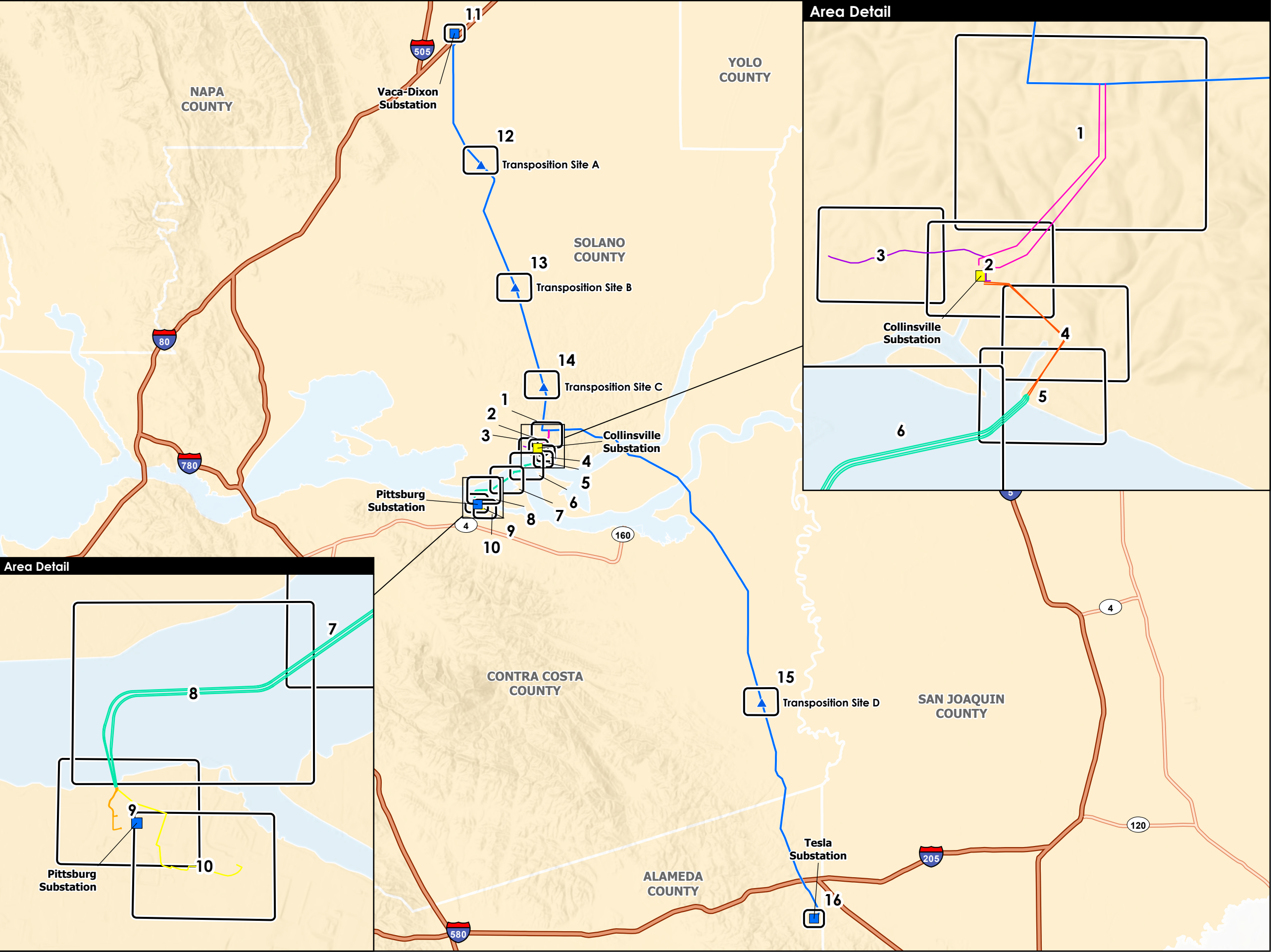


APPENDIX A

Detailed Route Maps



Detailed Route Maps Overview
Collinsville 500/230 kV Substation Project

Mapbook Page

Existing PG&E Substation

Proposed LSPGC Substation

PG&E Transposition Site

Project Alignments

Proposed LSPGC 230 kV Line (Overhead Segment)

Proposed LSPGC 230 kV Line (Submarine Segment)

Proposed LSPGC 230 kV Line (Underground Segment)

Proposed LSPGC Telecommunication Interconnection Lines (Underground)

Proposed PG&E 12 kV Line (Overhead)

Proposed PG&E 500 kV Interconnection Lines (Overhead)

Existing Alignment

Existing PG&E Vaca Dixon-Tesla 500 kV Line

Scale = 1:325,000

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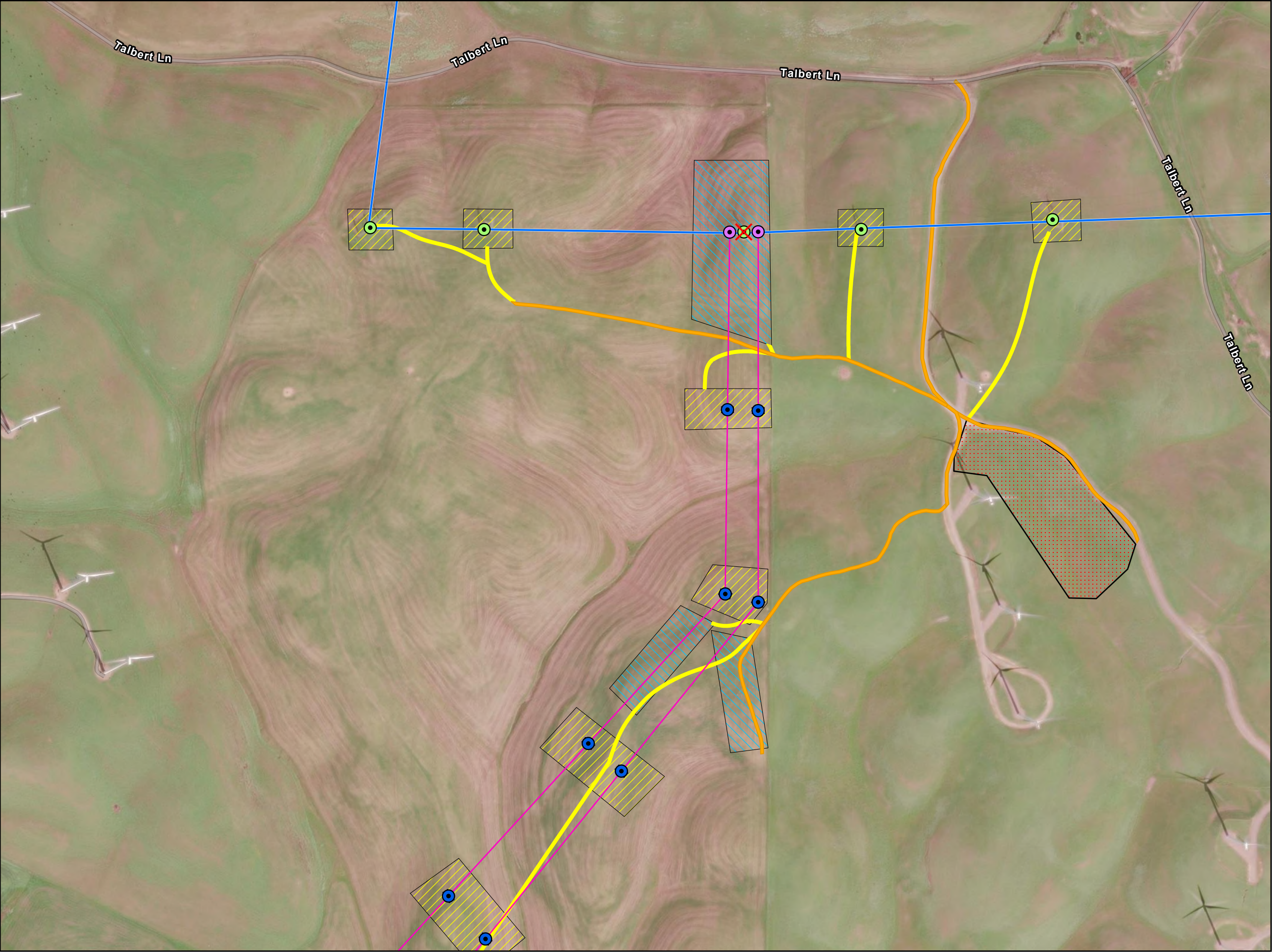
2.5

5

Miles

Created: 9/30/2025

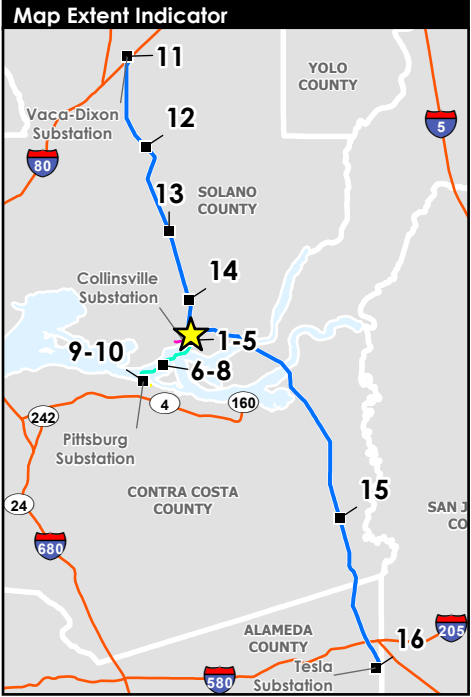

PANORAMA



Detailed Route Maps (1 of 16)

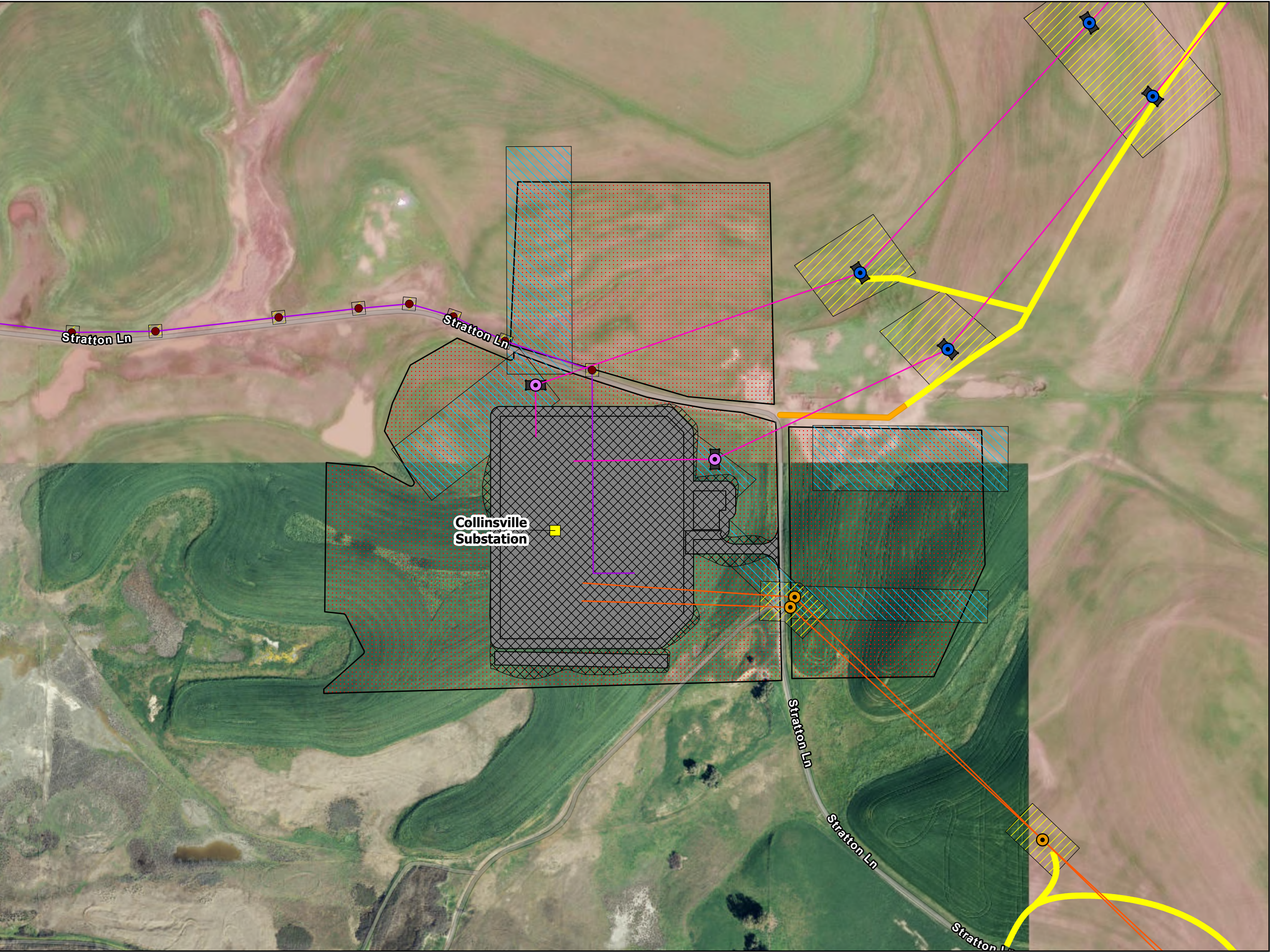
Collinsville 500/230 kV
Substation Project

- Proposed Overhead Structure**
- Lattice Steel Tower (LST)
 - Three-Pole Tubular Steel Pole (TSP)
- Existing Overhead Structure**
- Lattice Steel Tower (LST), Access/Modify
 - Lattice Steel Tower (LST), Remove
- Project Alignments**
- Proposed PG&E 500 kV Interconnection Lines (Overhead)
 - Existing PG&E Vaca Dixon-Tesla 500 kV Line
- Project Feature Footprint (Permanent Disturbance)**
- Overhead/Underground Structure
- Construction Work Areas (Temporary Disturbance)**
- Construction Access (Existing)
 - Construction Access (Temporary)
 - Overhead/Underground Structure Construction
 - Pulling Site
 - Staging Area



Scale = 1:6,000
0 150 300 Feet
Created: 9/30/2025





Detailed Route Maps (2 of 16)

Collinsville 500/230 kV
Substation Project

Proposed Overhead Structure

- Lattice Steel Tower (LST)
- Tubular Steel Pole (TSP)
- Three-Pole Tubular Steel Pole (TSP)
- Distribution Wood Pole

Substations

- Proposed LSPGC Substation

Project Alignments

- Proposed LSPGC 230 kV Line (Overhead Segment)
- Proposed PG&E 12 kV Line (Overhead)
- Proposed PG&E 500 kV Interconnection Lines (Overhead)

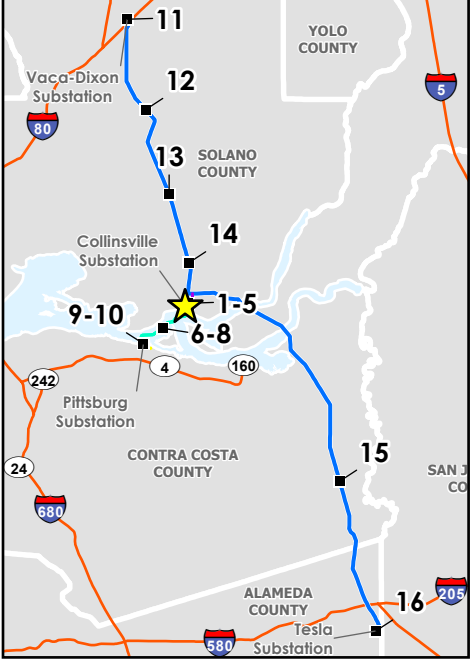
Project Feature Footprint (Permanent Disturbance)

- Overhead/Underground Structure
- Proposed Substation Features
- Proposed Substation Grading Limits

Construction Work Areas (Temporary Disturbance)

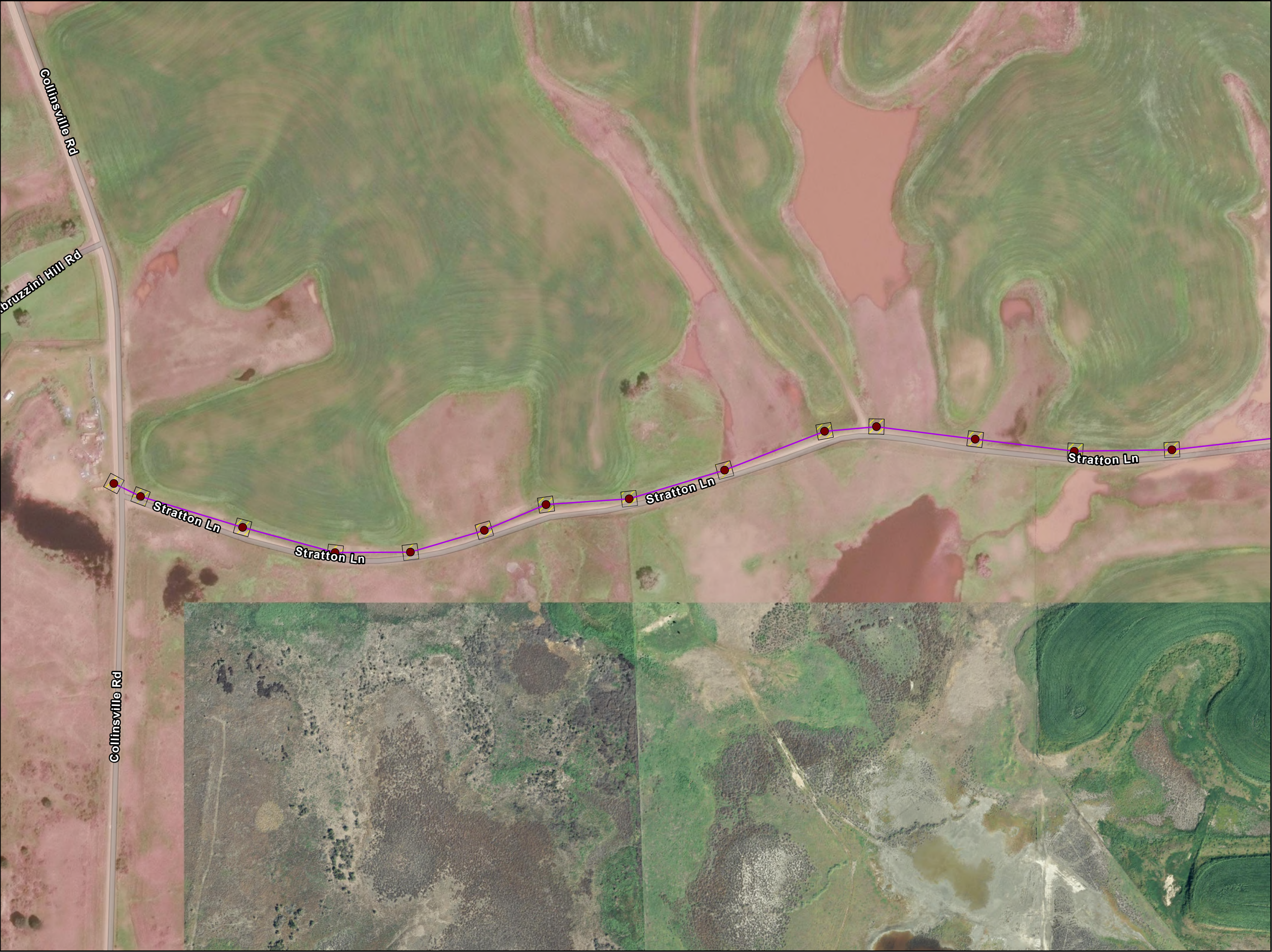
- Construction Access (Existing)
- Construction Access (Temporary)
- Overhead/Underground Structure Construction
- Pulling Site
- Staging Area

Map Extent Indicator



Scale = 1:3,500
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Created: 9/30/2025

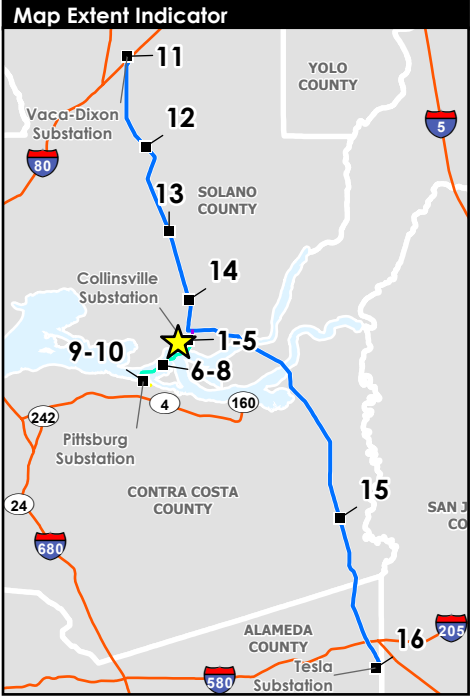




Detailed Route Maps (3 of 16)

Collinsville 500/230 kV
Substation Project

- Proposed Overhead Structure**
- Distribution Wood Pole
- Project Alignments**
- Proposed PG&E 12 kV Line (Overhead)
- Project Feature Footprint (Permanent Disturbance)**
- Overhead/Underground Structure
- Construction Work Areas (Temporary Disturbance)**
- Overhead/Underground Structure Construction



Scale = 1:3,000
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Created: 9/30/2025





Detailed Route Maps (4 of 16)

Collinsville 500/230 kV
Substation Project

Proposed Overhead Structure

● Tubular Steel Pole (TSP)

Project Alignments

— Proposed LSPGC 230 kV Line (Overhead Segment)

Project Feature Footprint (Permanent Disturbance)

■ Overhead/Underground Structure

Construction Work Areas (Temporary Disturbance)

■ Construction Access (Existing)

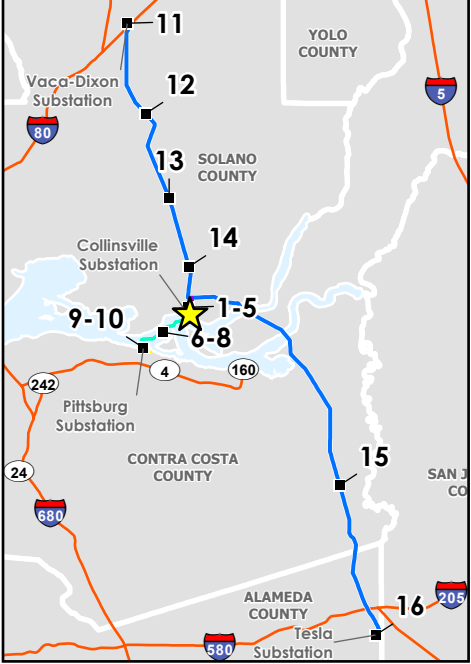
■ Construction Access (Temporary)

■ Overhead/Underground Structure Construction

■ Pulling Site

■ Staging Area

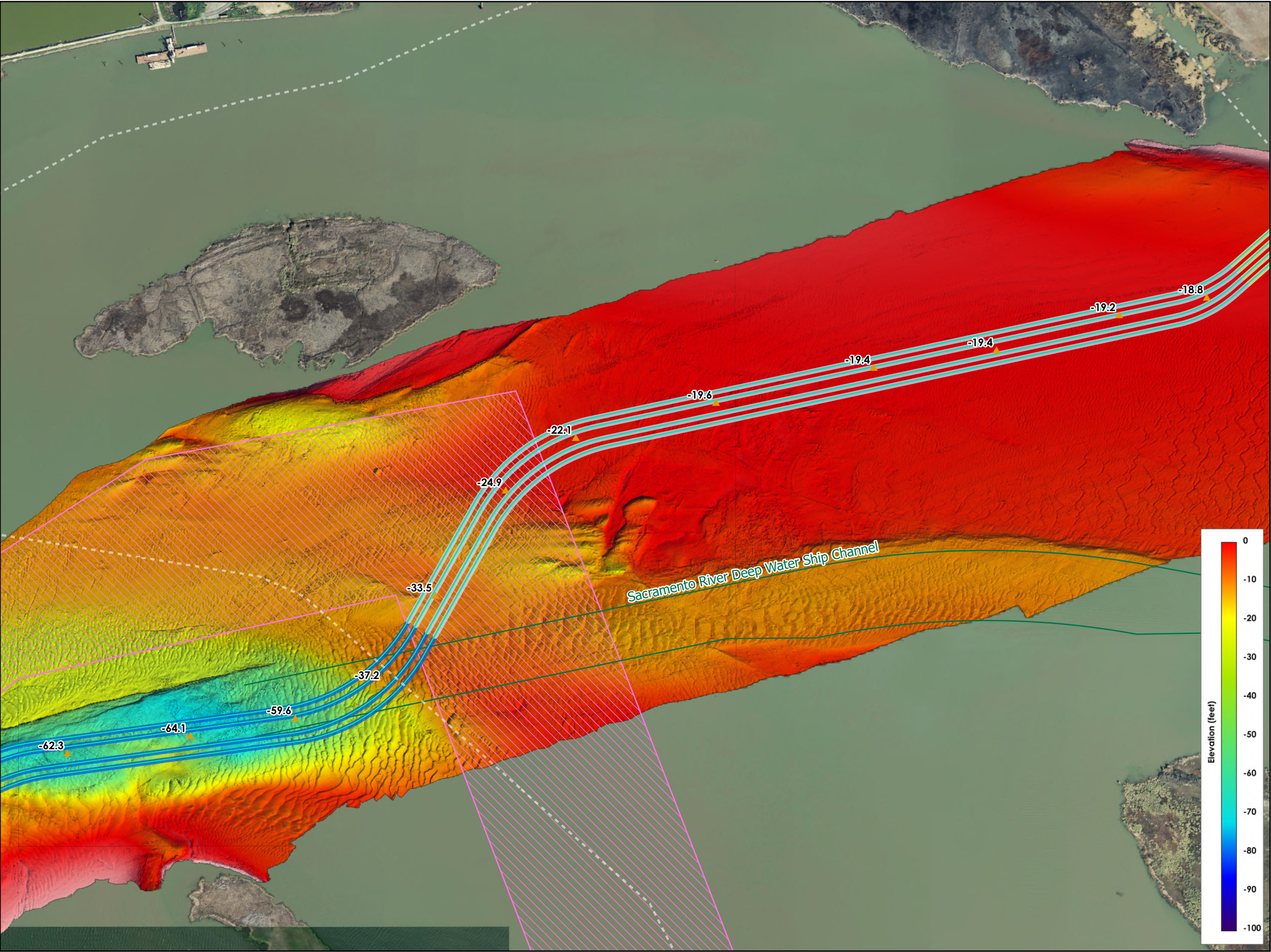
Map Extent Indicator



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Created: 9/30/2025





Detailed Route Maps (6 of 16)

Collinsville 500/230 kV
Substation Project

Project Alignments

Proposed LSPGC 230 kV Line (Submarine Segment)

Construction Work Areas (Temporary Disturbance)

Overhead/Underground Structure Construction

Bathymetric Elevation Marker (Feet)

Federal Navigation Channel

Sand and Gravel Mining Lease Area

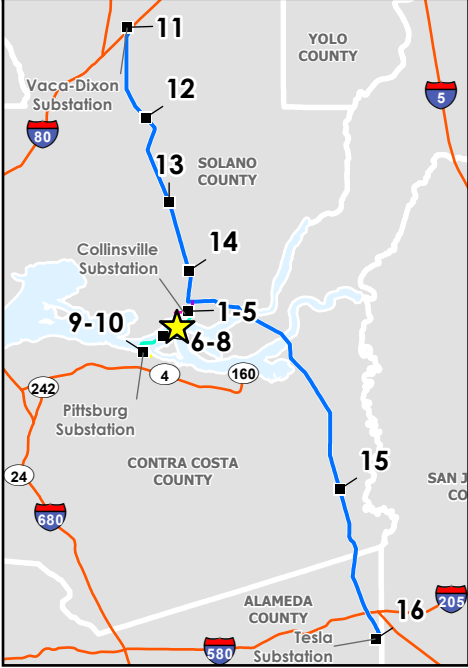
Submarine Cable General Target Depths

15 feet below riverbed

10 feet below riverbed

6 feet below riverbed

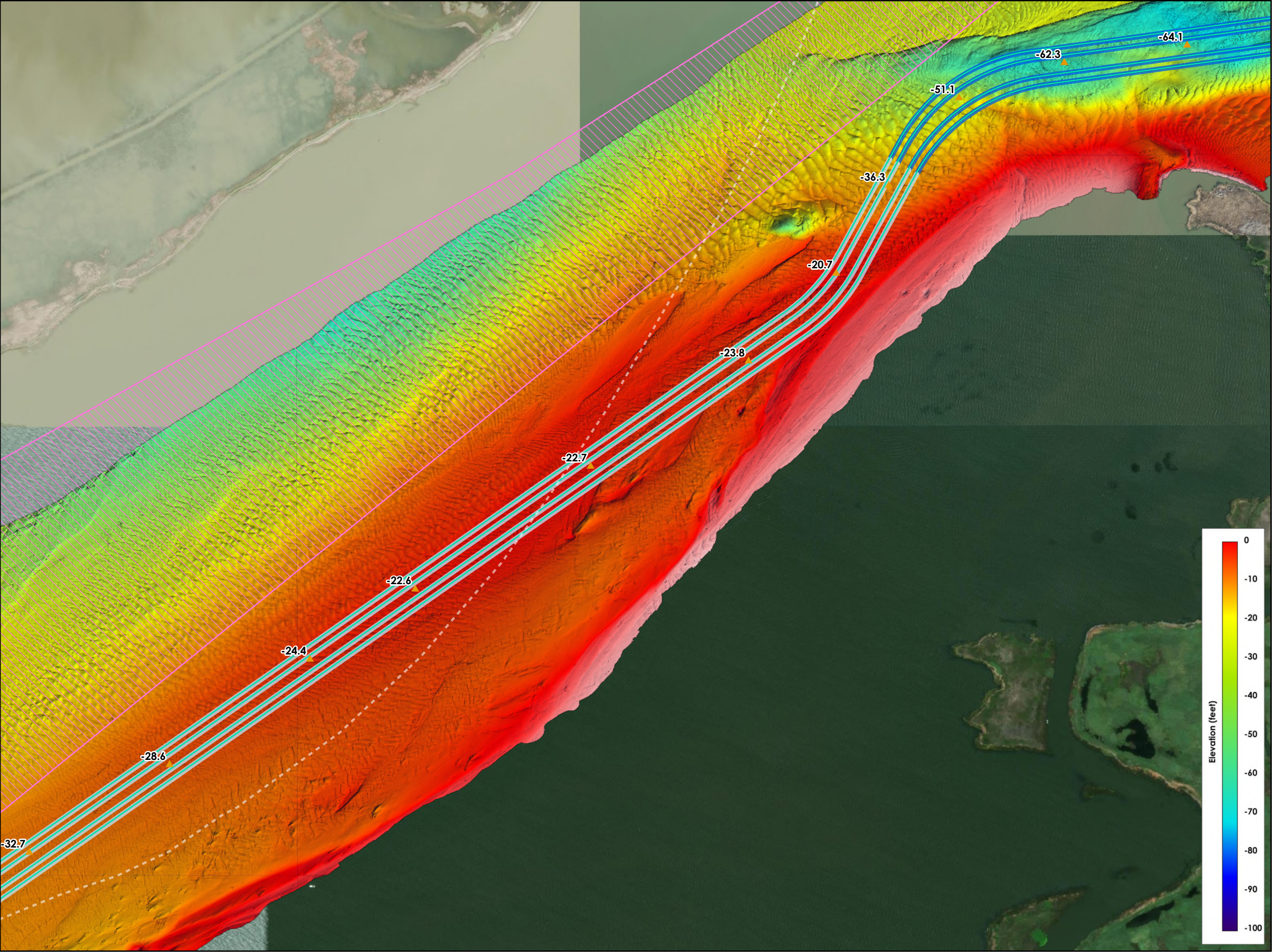
Map Extent Indicator



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Created: 9/30/2025

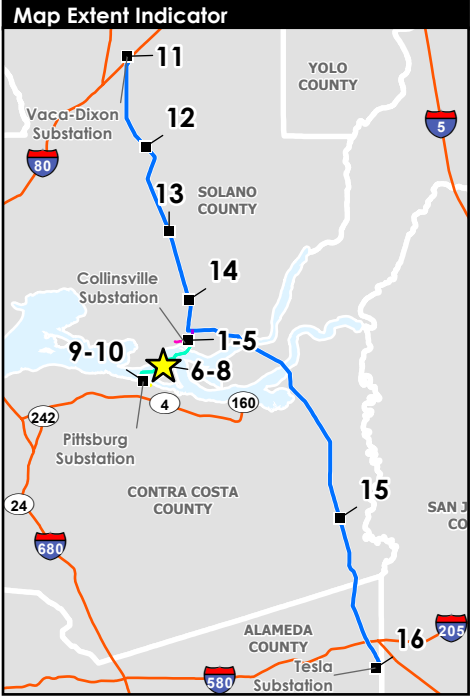




Detailed Route Maps (7 of 16)

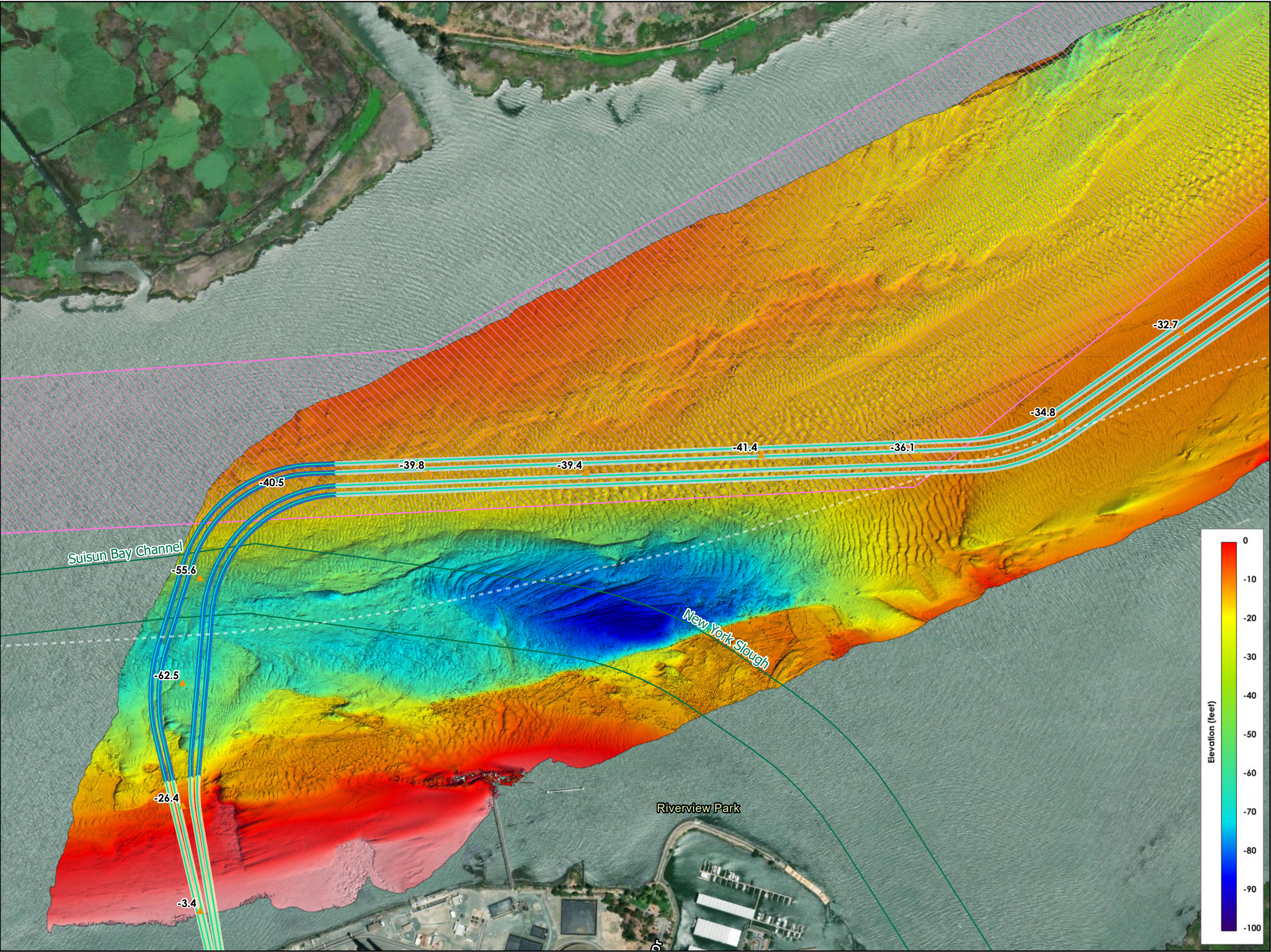
Collinsville 500/230 kV
Substation Project

- Project Alignments**
- Proposed LSPGC 230 kV Line (Submarine Segment)
- Construction Work Areas (Temporary Disturbance)**
- Overhead/Underground Structure Construction
 - Bathymetric Elevation Marker (Feet)
 - Federal Navigation Channel
 - Sand and Gravel Mining Lease Area
- Submarine Cable General Target Depths**
- 15 feet below riverbed
 - 10 feet below riverbed



Scale = 1:6,500
0 150 300 Feet
Created: 9/30/2025





Detailed Route Maps (8 of 16)

Collinsville 500/230 kV
Substation Project

Project Alignments

Proposed LSPGC 230 kV Line (Submarine Segment)

Construction Work Areas (Temporary Disturbance)

Overhead/Underground Structure Construction

Bathymetric Elevation Marker (Feet)

Federal Navigation Channel

Sand and Gravel Mining Lease Area

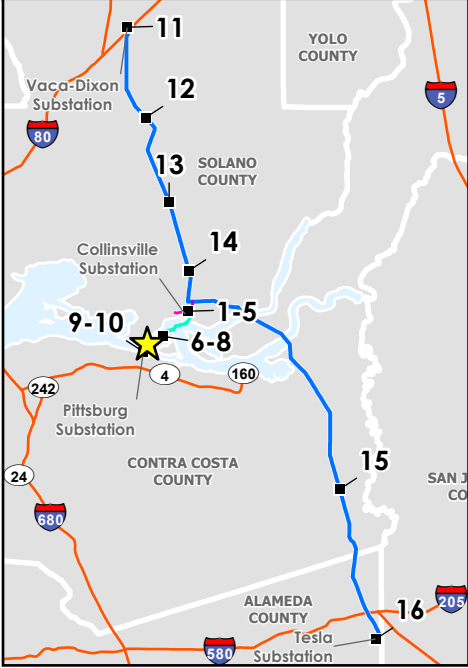
Submarine Cable General Target Depths

15 feet below riverbed

10 feet below riverbed

6 feet below riverbed

Map Extent Indicator

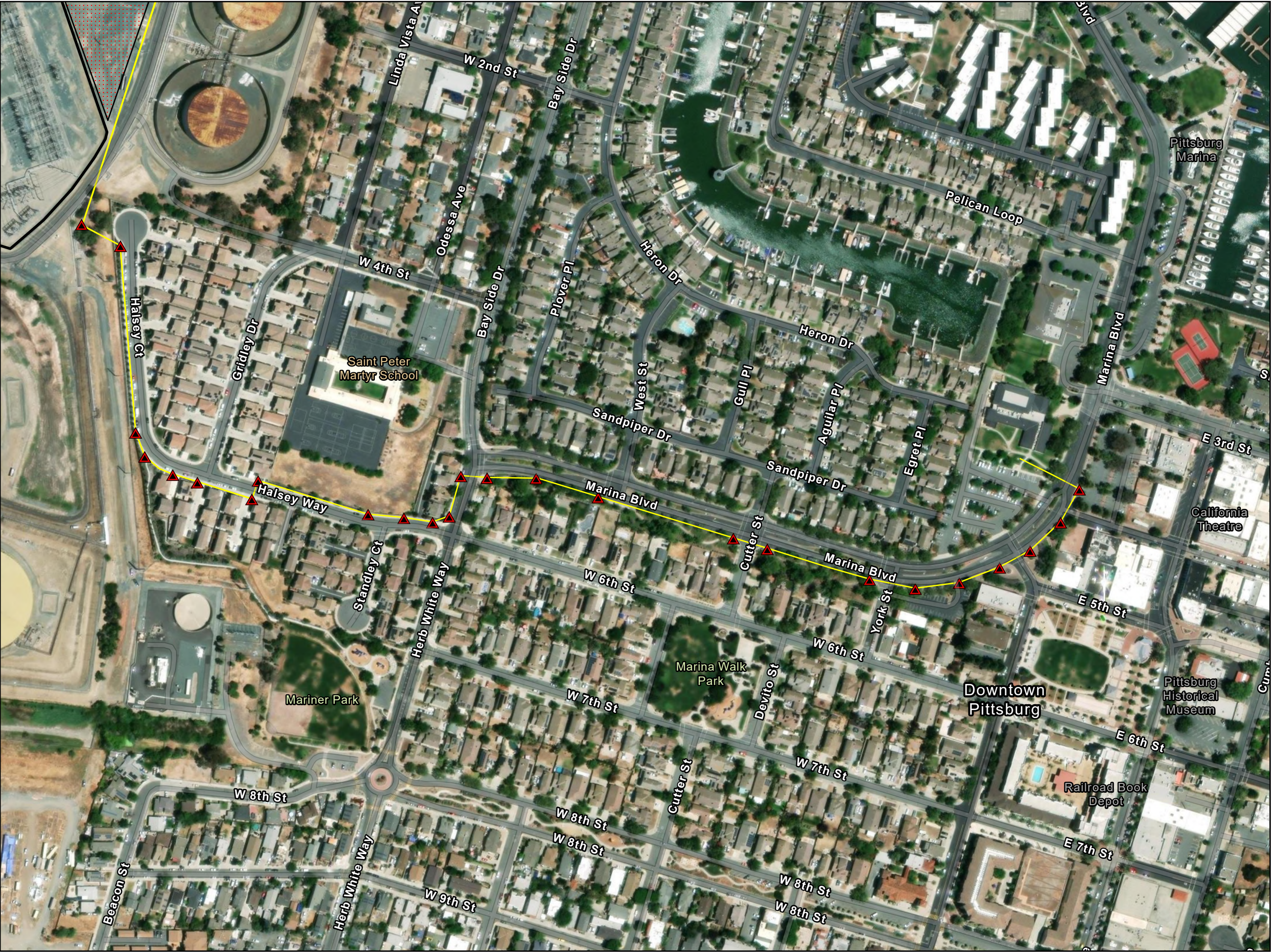


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Created: 9/30/2025





Detailed Route Maps (10 of 16)

Collinsville 500/230 kV Substation Project

Underground Structures

Proposed Underground Structure

▲ Handhole

Project Alignments

— Proposed LSPGC Telecommunication Interconnection Lines (Underground)

Project Feature Footprint (Permanent Disturbance)

■ Overhead/Underground Structure

Construction Work Areas (Temporary Disturbance)

▨ Overhead/Underground Structure Construction

■ Staging Area

■ Existing PG&E Substation Fence Line

Map Extent Indicator

Scale = 1:3,000

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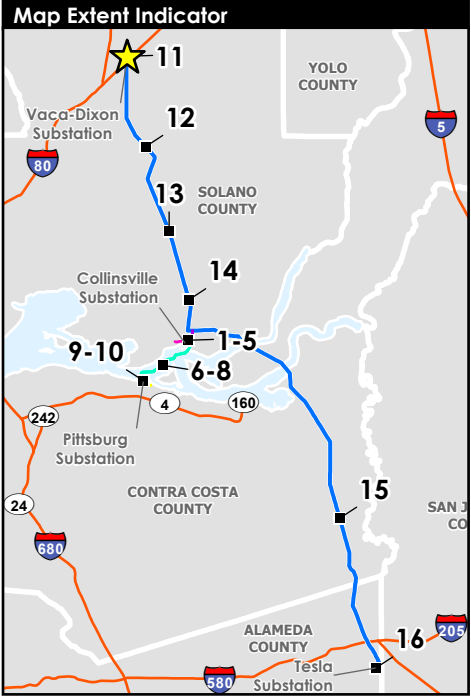
Created: 9/30/2025



Detailed Route Maps (11 of 16)

Collinsville 500/230 kV
Substation Project

- Substations**
- Existing PG&E Substation
 - Existing PG&E Vaca Dixon-Tesla 500 kV Line
- Project Feature Footprint (Permanent Disturbance)**
- Substation Modification Areas
 - Existing PG&E Substation Fence Line

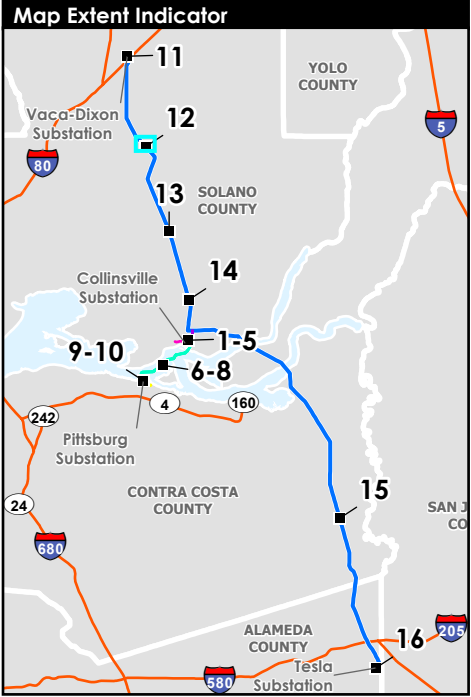




Detailed Route Maps (12 of 16)

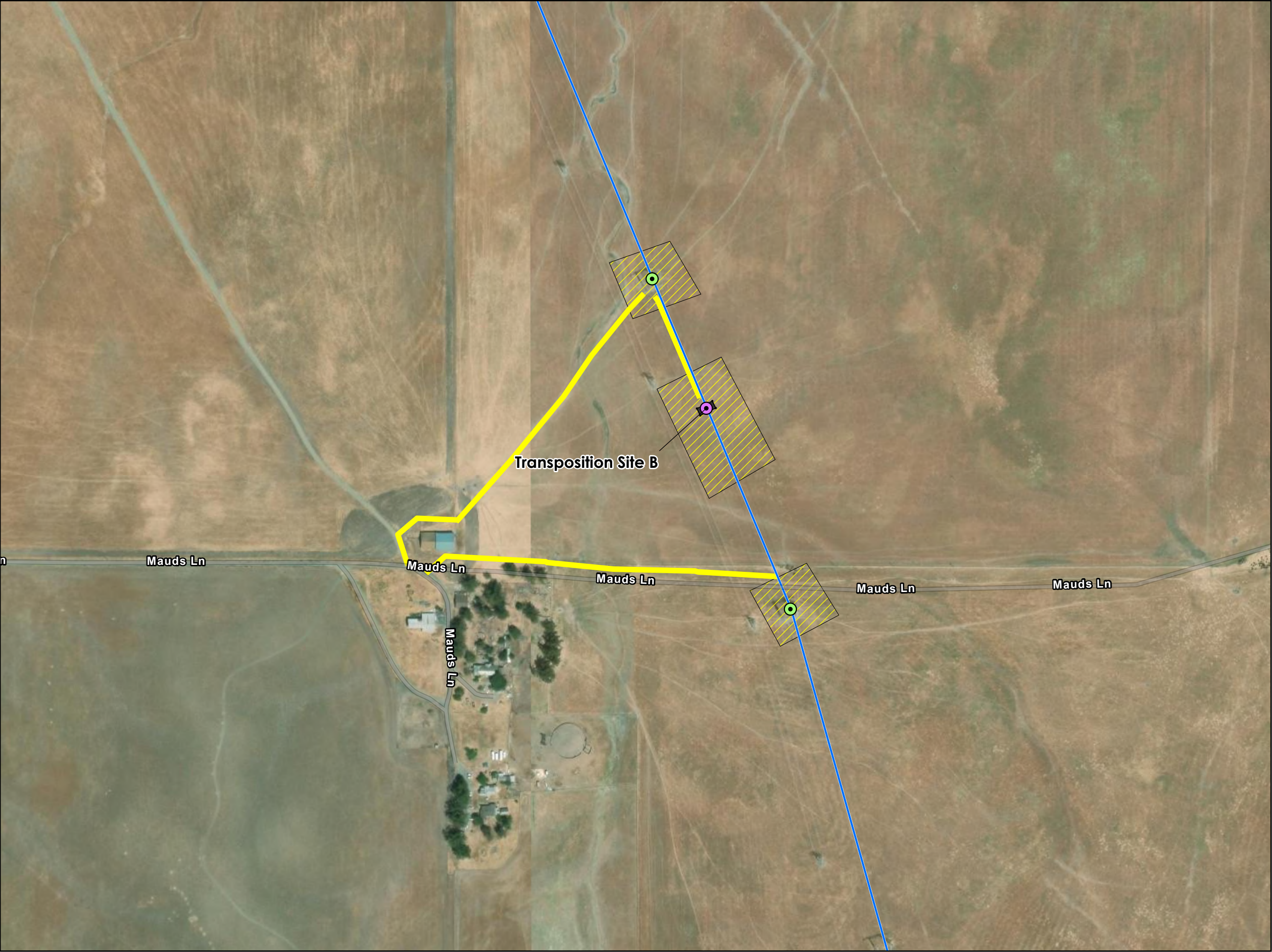
Collinsville 500/230 kV
Substation Project

- Proposed Overhead Structure**
- Three-Pole Tubular Steel Pole (TSP)
- Existing Overhead Structure**
- Lattice Steel Tower (LST), Access/Modify
 - Existing PG&E Vaca Dixon-Tesla 500 kV Line
- Project Feature Footprint (Permanent Disturbance)**
- Overhead/Underground Structure
- Construction Work Areas (Temporary Disturbance)**
- Construction Access (Temporary)
 - Overhead/Underground Structure Construction



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Created: 9/30/2025

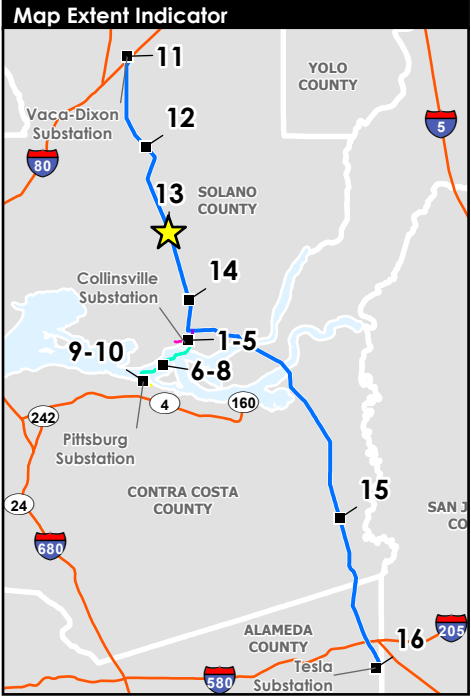




Detailed Route Maps (13 of 16)

Collinsville 500/230 kV
Substation Project

- Proposed Overhead Structure**
- Three-Pole Tubular Steel Pole (TSP)
- Existing Overhead Structure**
- Lattice Steel Tower (LST), Access/Modify
 - Existing PG&E Vaca Dixon-Tesla 500 kV Line
- Project Feature Footprint (Permanent Disturbance)**
- Overhead/Underground Structure
- Construction Work Areas (Temporary Disturbance)**
- Construction Access (Temporary)
 - Overhead/Underground Structure Construction





Detailed Route Maps (14 of 16)

Collinsville 500/230 kV
Substation Project

Proposed Overhead Structure

- Three-Pole Tubular Steel Pole (TSP)

Existing Overhead Structure

- Lattice Steel Tower (LST), Access/Modify
- Lattice Steel Tower (LST), Remove
- Lattice Steel Pole (LSP), Remove

Existing PG&E Vaca Dixon-Tesla 500 kV Line

Project Feature Footprint (Permanent Disturbance)

- Overhead/Underground Structure

Construction Work Areas (Temporary Disturbance)

- Construction Access (Temporary)
- Overhead/Underground Structure Construction

Map Extent Indicator

Scale = 1:6,000

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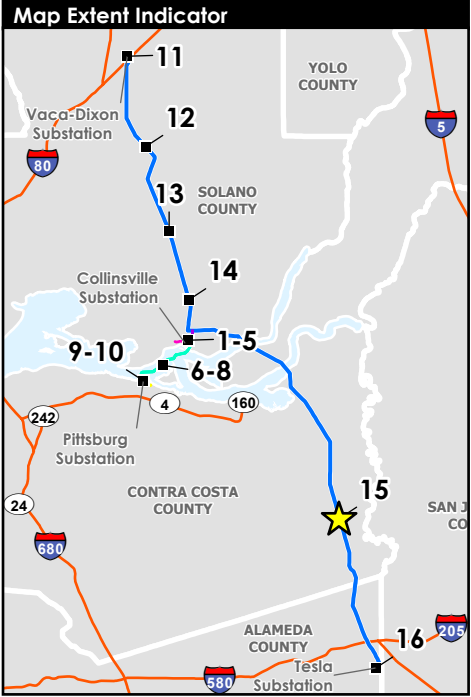
Created: 9/30/2025



Detailed Route Maps (15 of 16)

Collinsville 500/230 kV
Substation Project

- Proposed Overhead Structure**
- Three-Pole Tubular Steel Pole (TSP)
- Existing Overhead Structure**
- Lattice Steel Tower (LST), Access/Modify
 - Existing PG&E Vaca Dixon-Tesla 500 kV Line
- Project Feature Footprint (Permanent Disturbance)**
- Overhead/Underground Structure
- Construction Work Areas (Temporary Disturbance)**
- Construction Access (Temporary)
 - Overhead/Underground Structure Construction
 - Staging Area



Scale = 1:3,500
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Created: 9/30/2025





Detailed Route Maps (16 of 16)
Collinsville 500/230 kV
Substation Project

Substations

- Existing PG&E Substation
- Existing PG&E Vaca Dixon-Tesla 500 kV Line

Project Feature Footprint (Permanent Disturbance)

- Substation Modification Areas
- Existing PG&E Substation Fence Line

Map Extent Indicator

Scale = 1:3,000

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Created: 9/30/2025

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