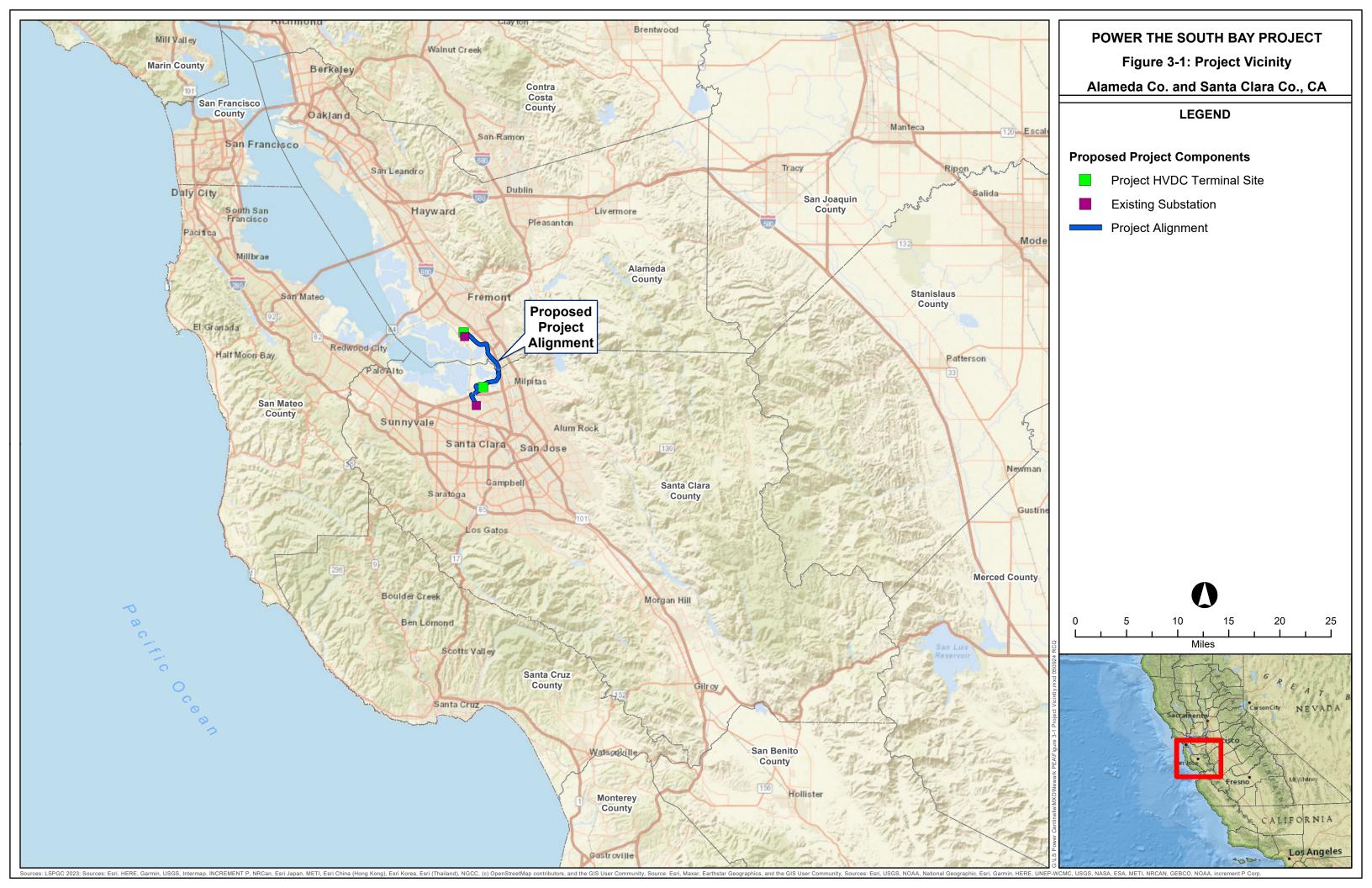
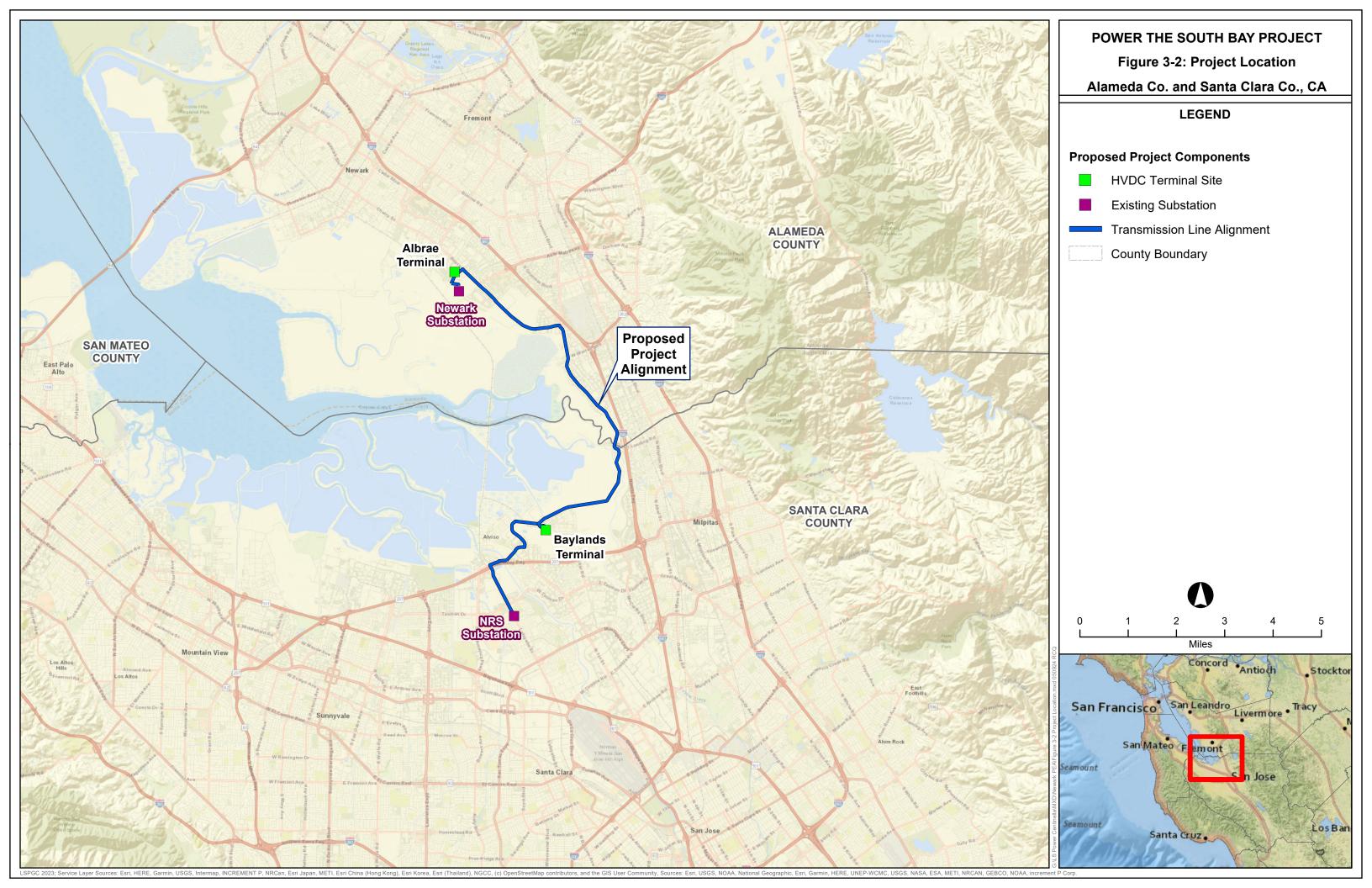
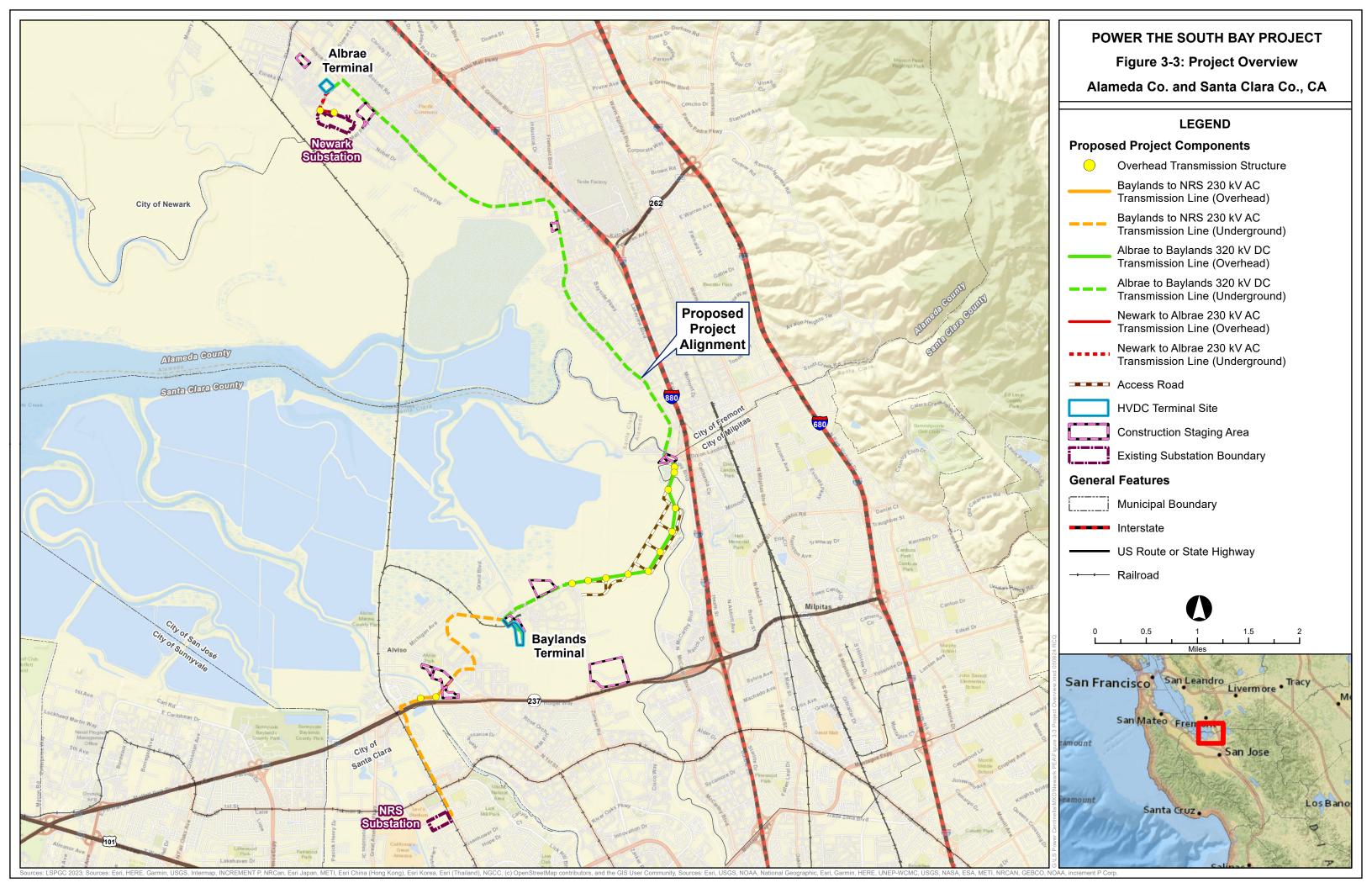
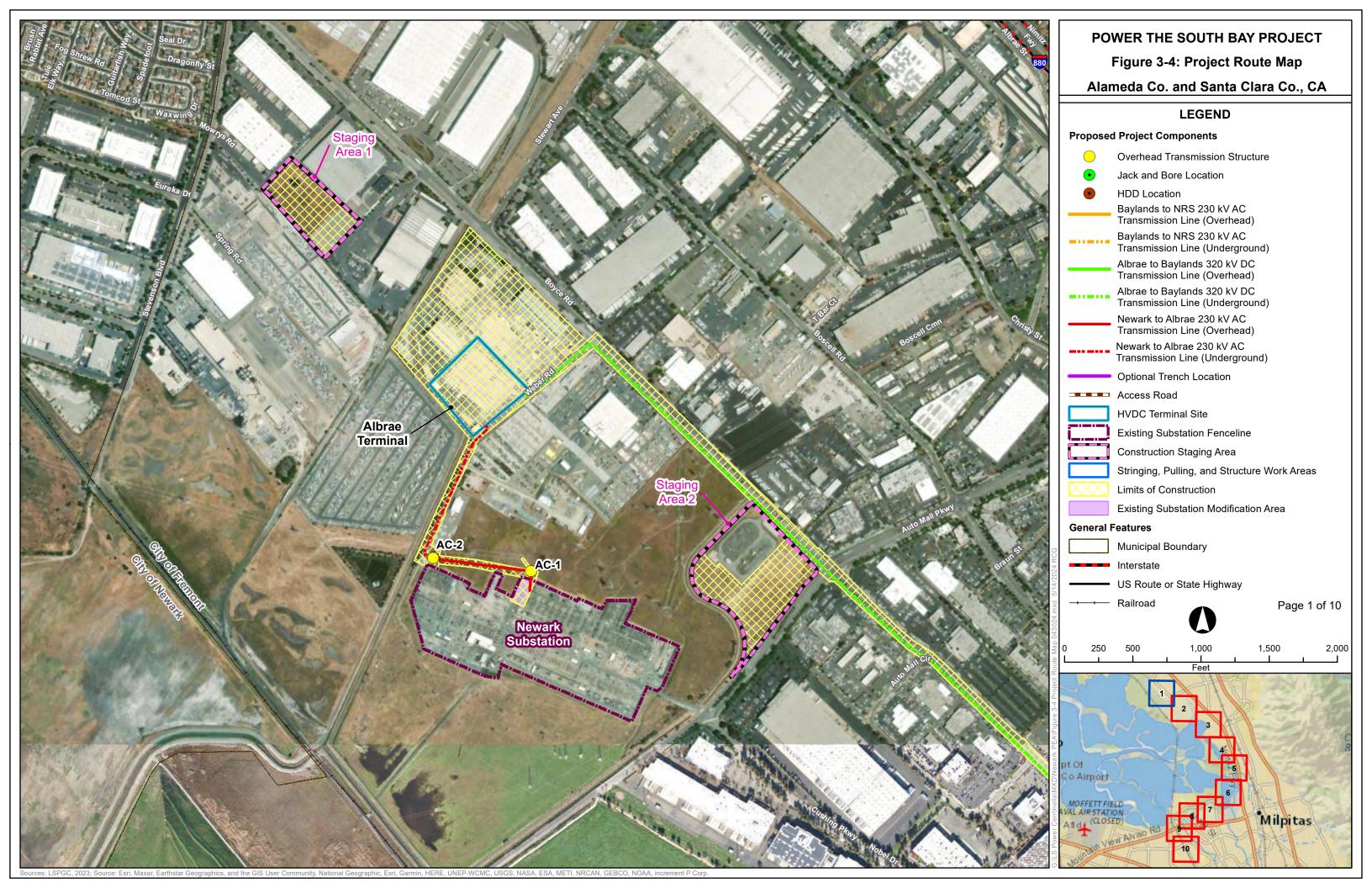


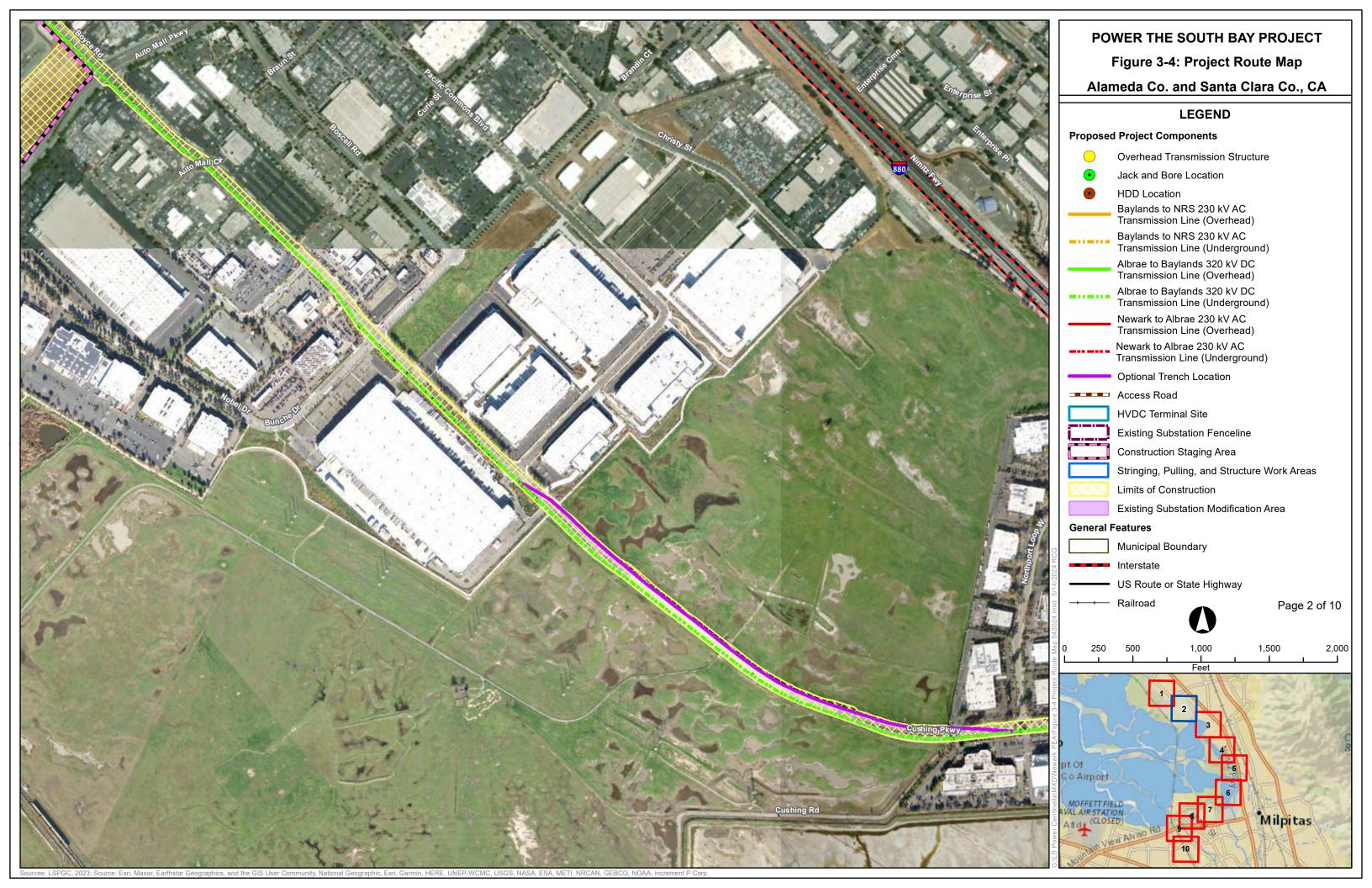
APPENDIX 1.A TO APPENDIX B PROPONENT'S ENVIRONMENTAL ASSESSMENT

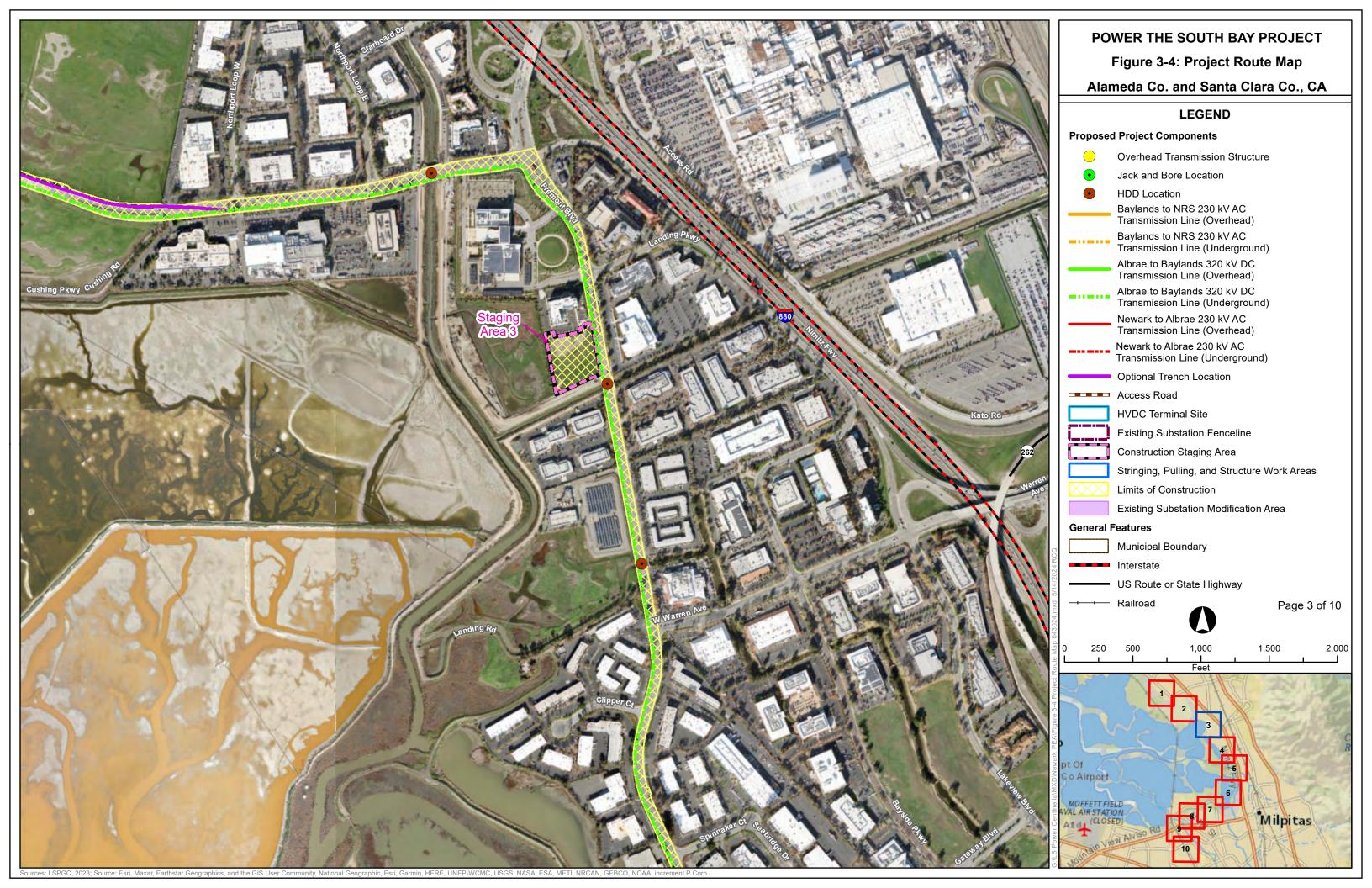


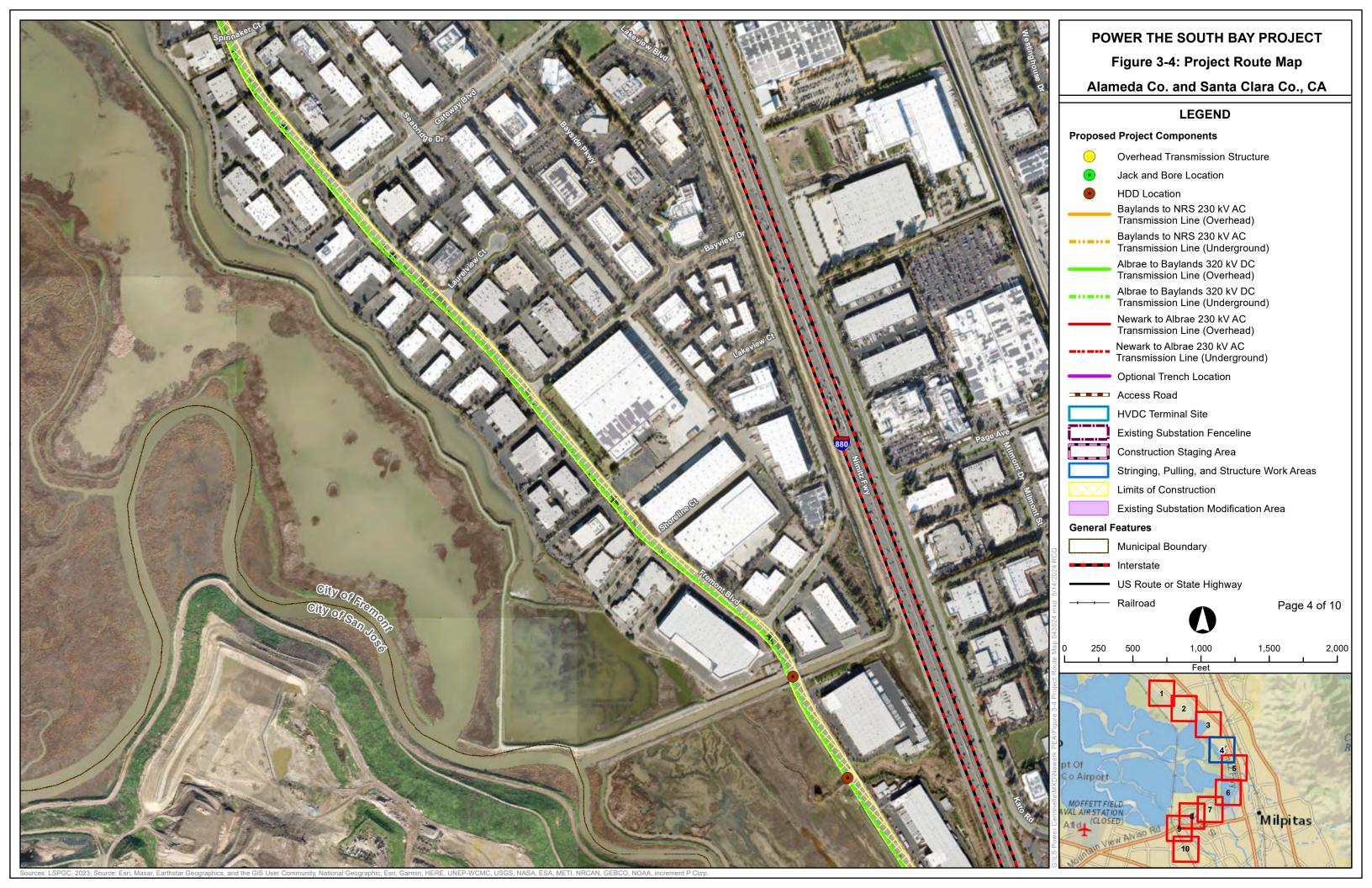


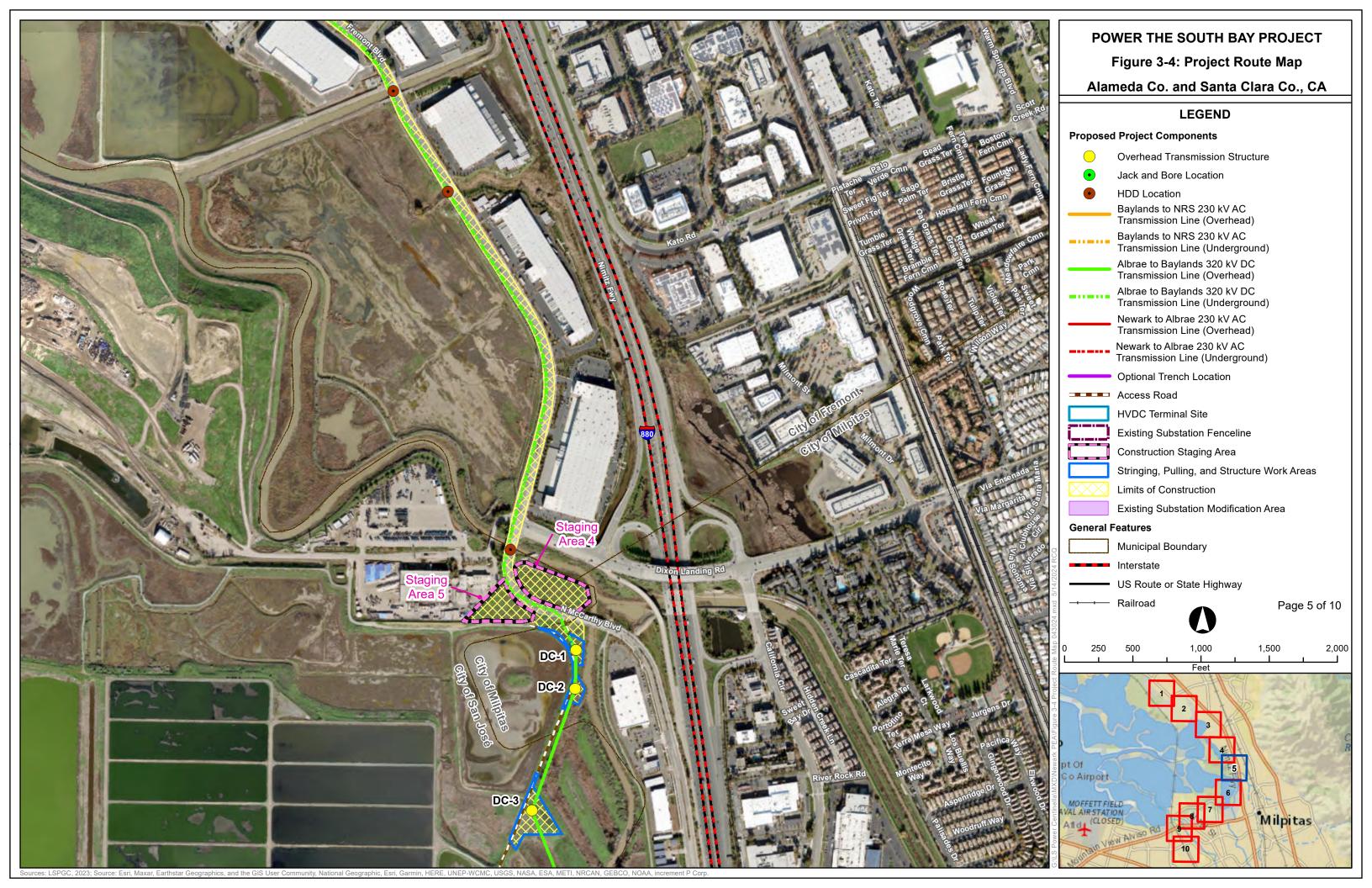


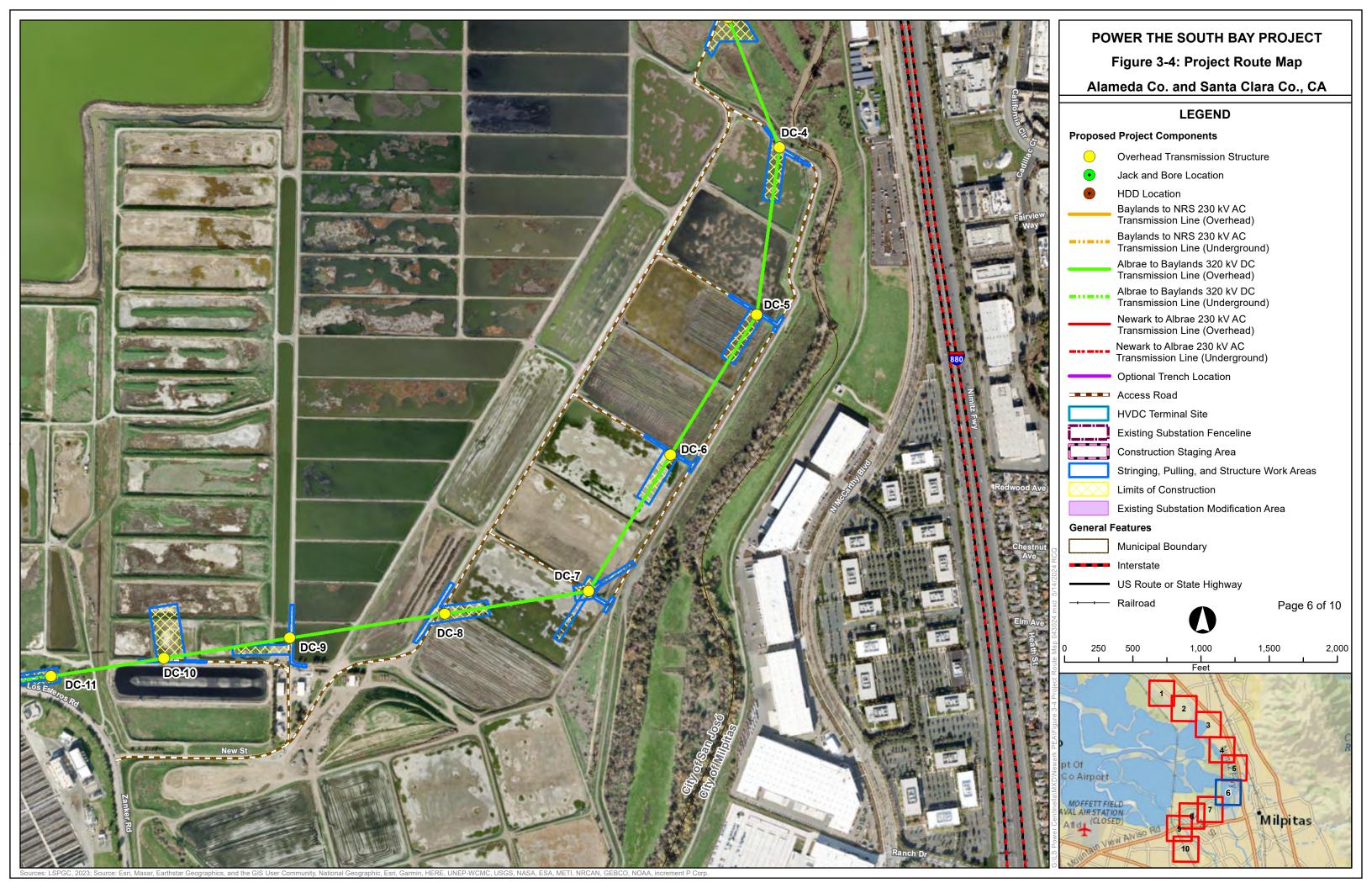


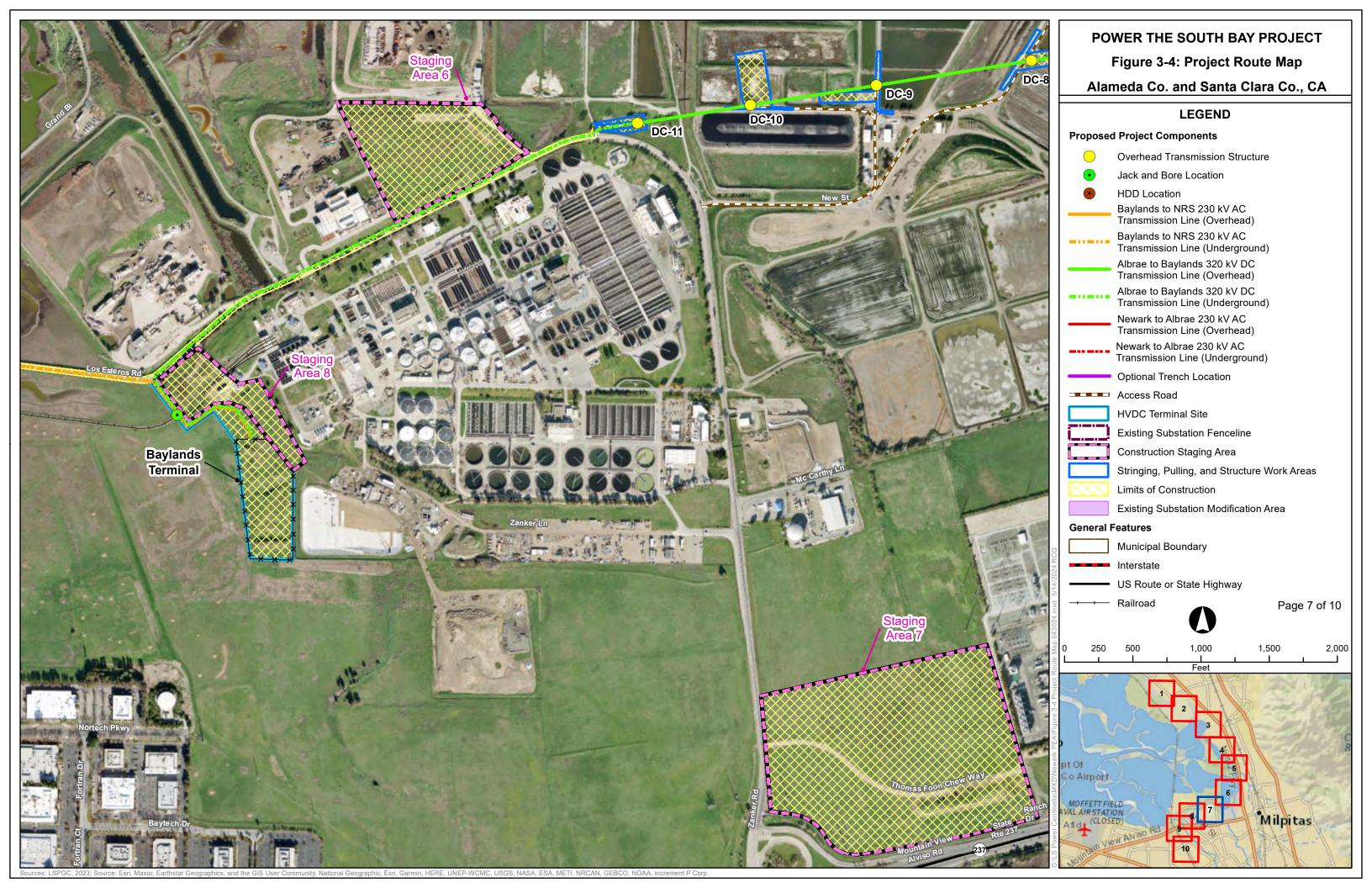


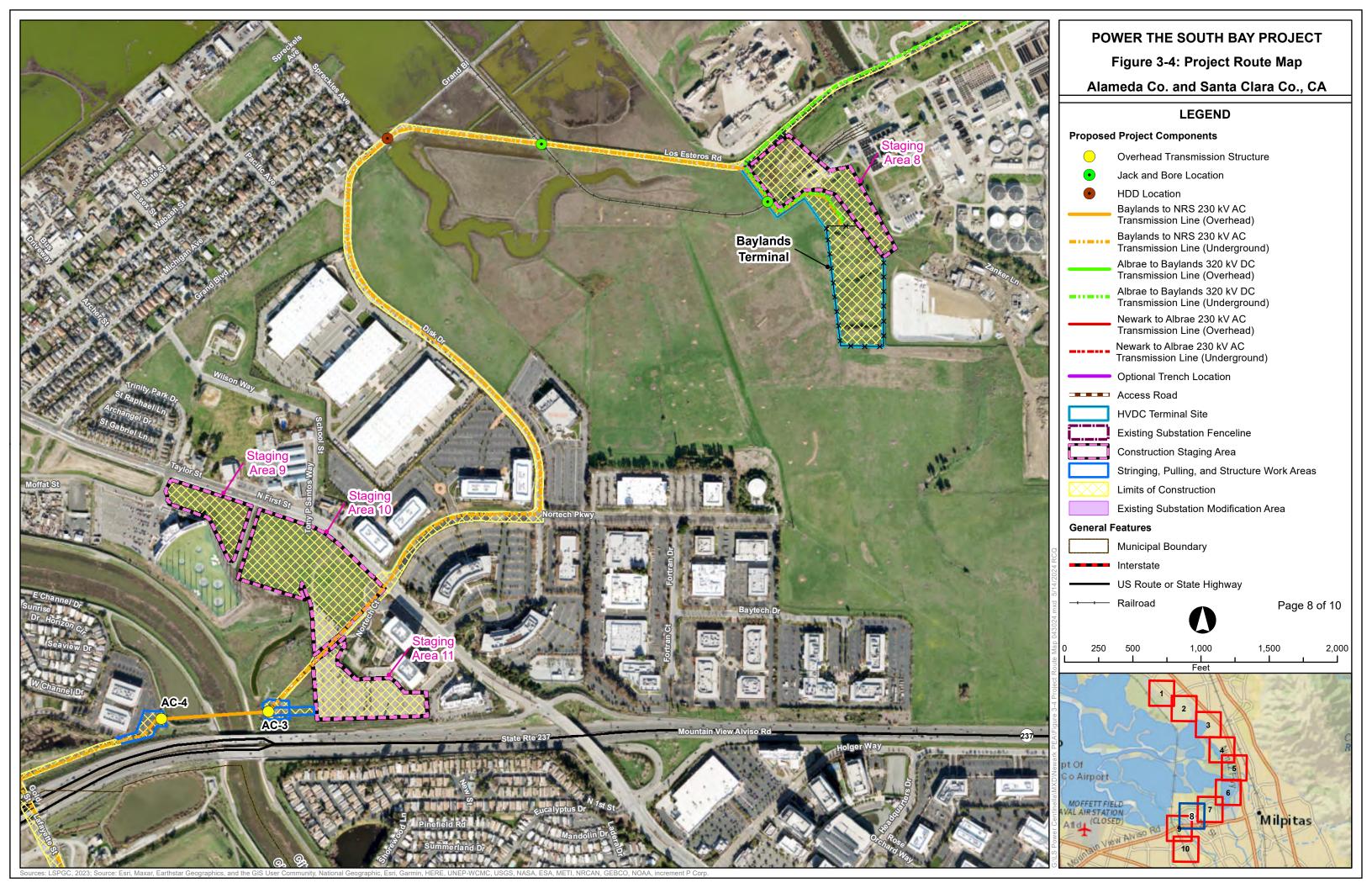


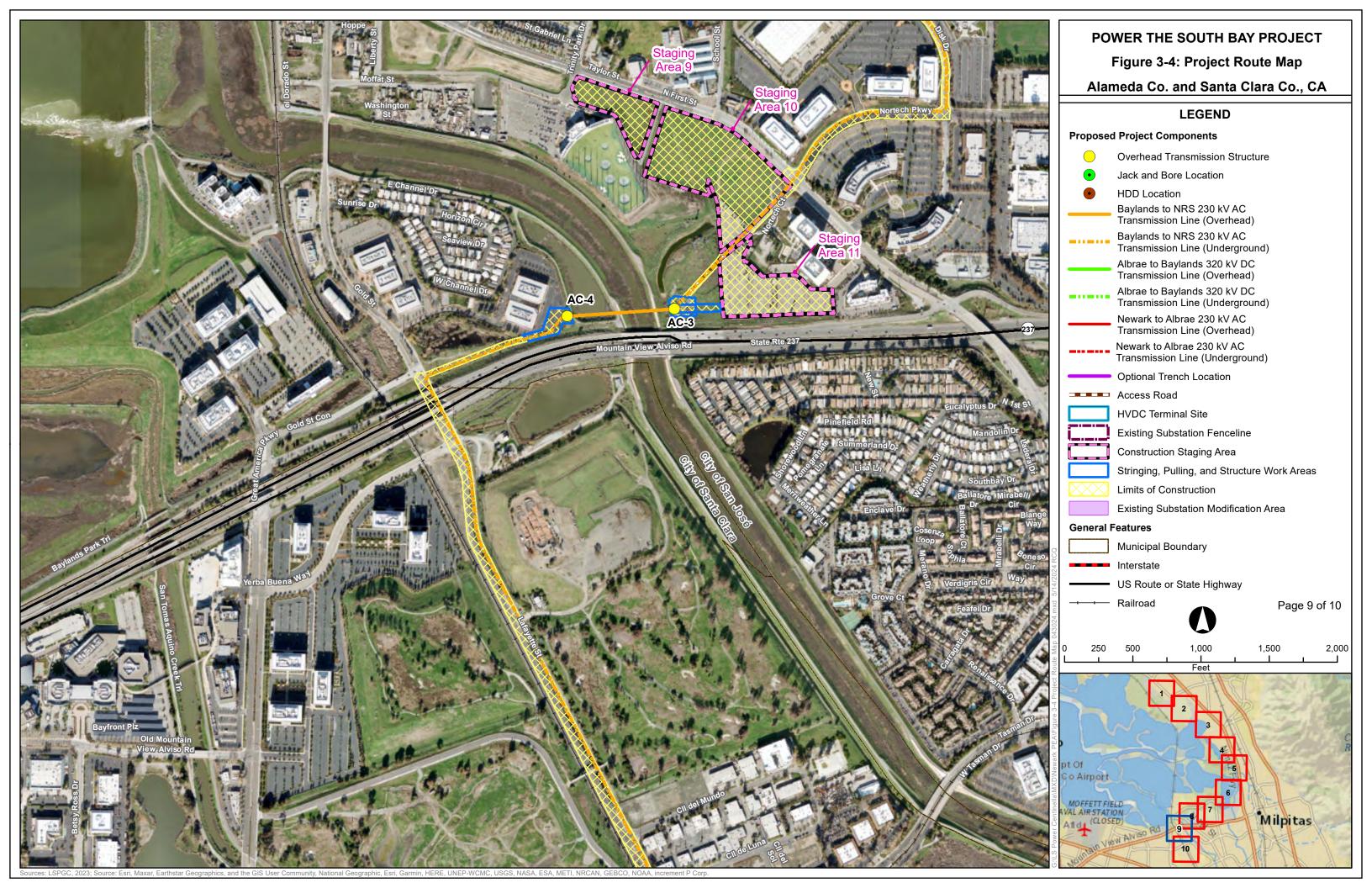












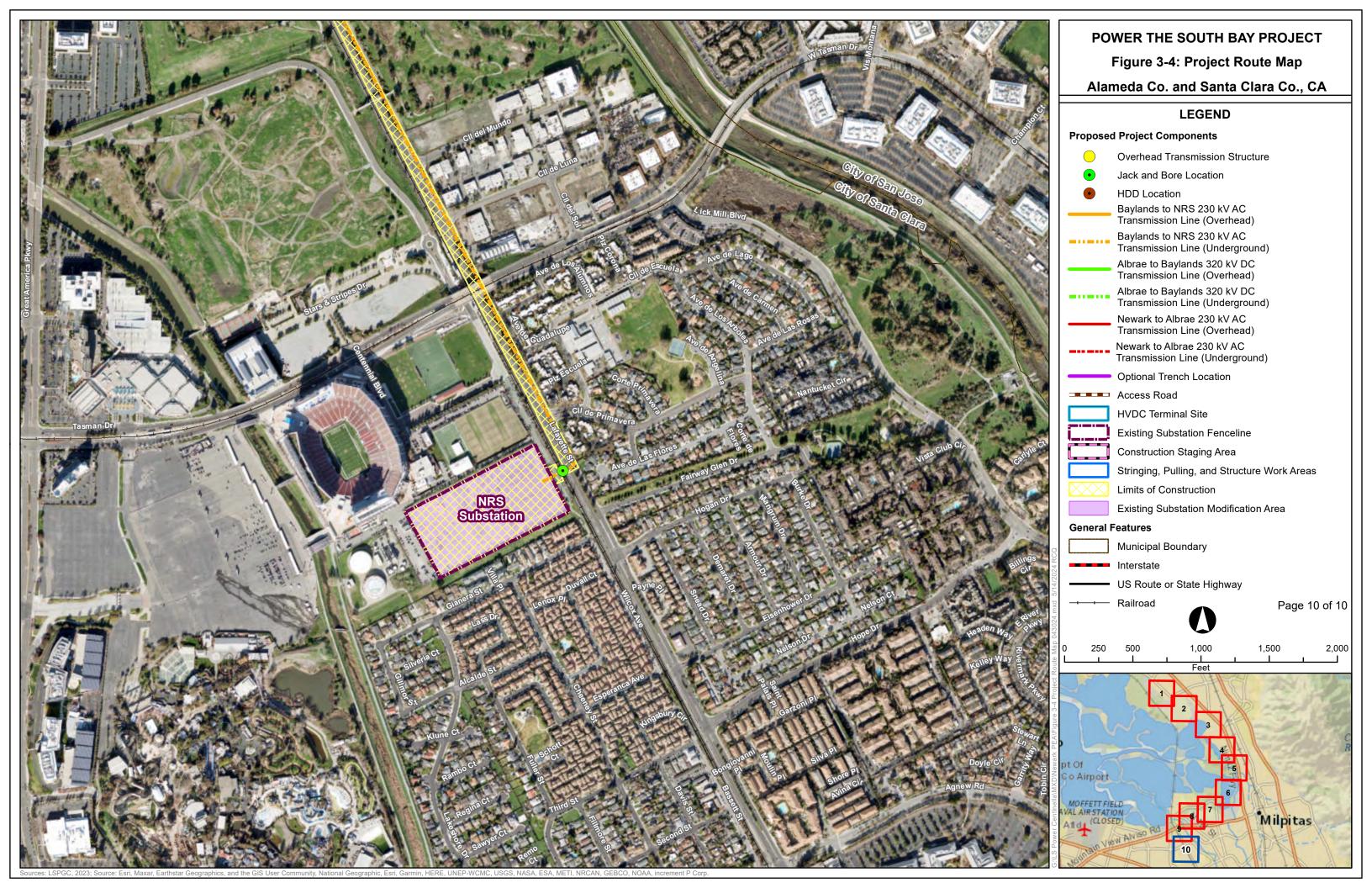


Figure 3-5: Transmission System of Power the South Bay Project

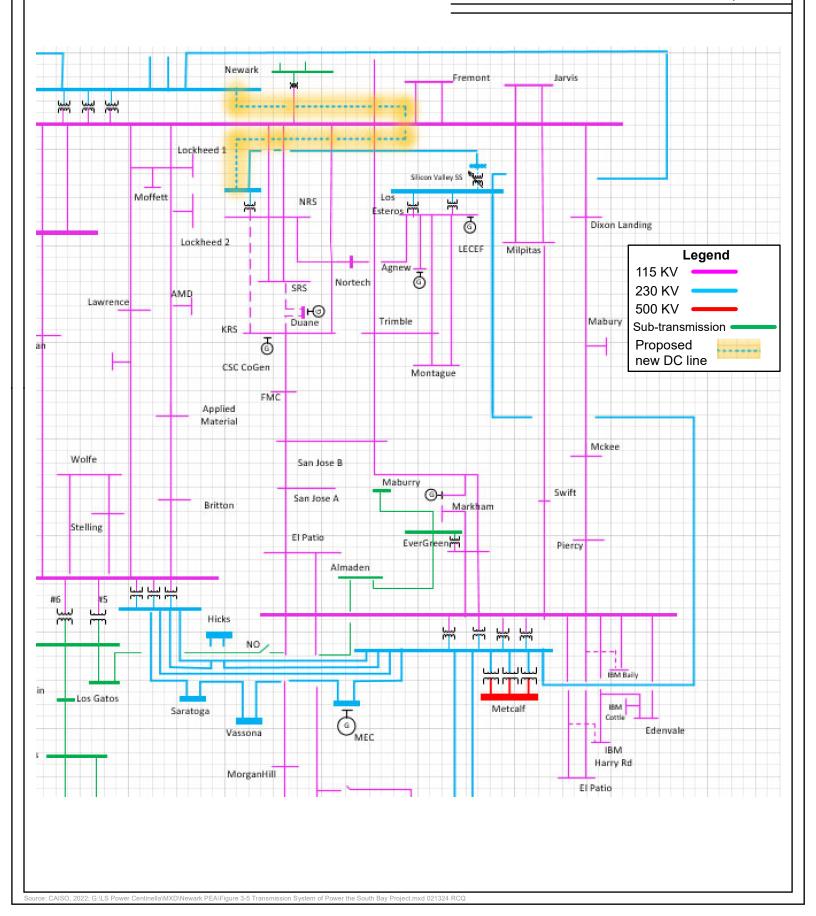
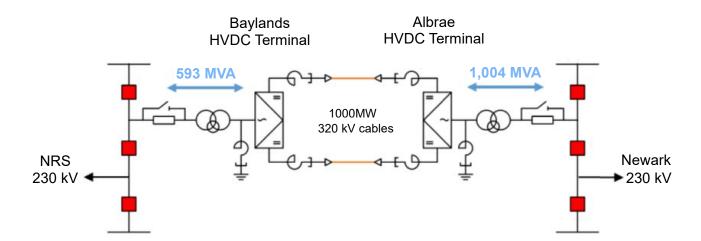
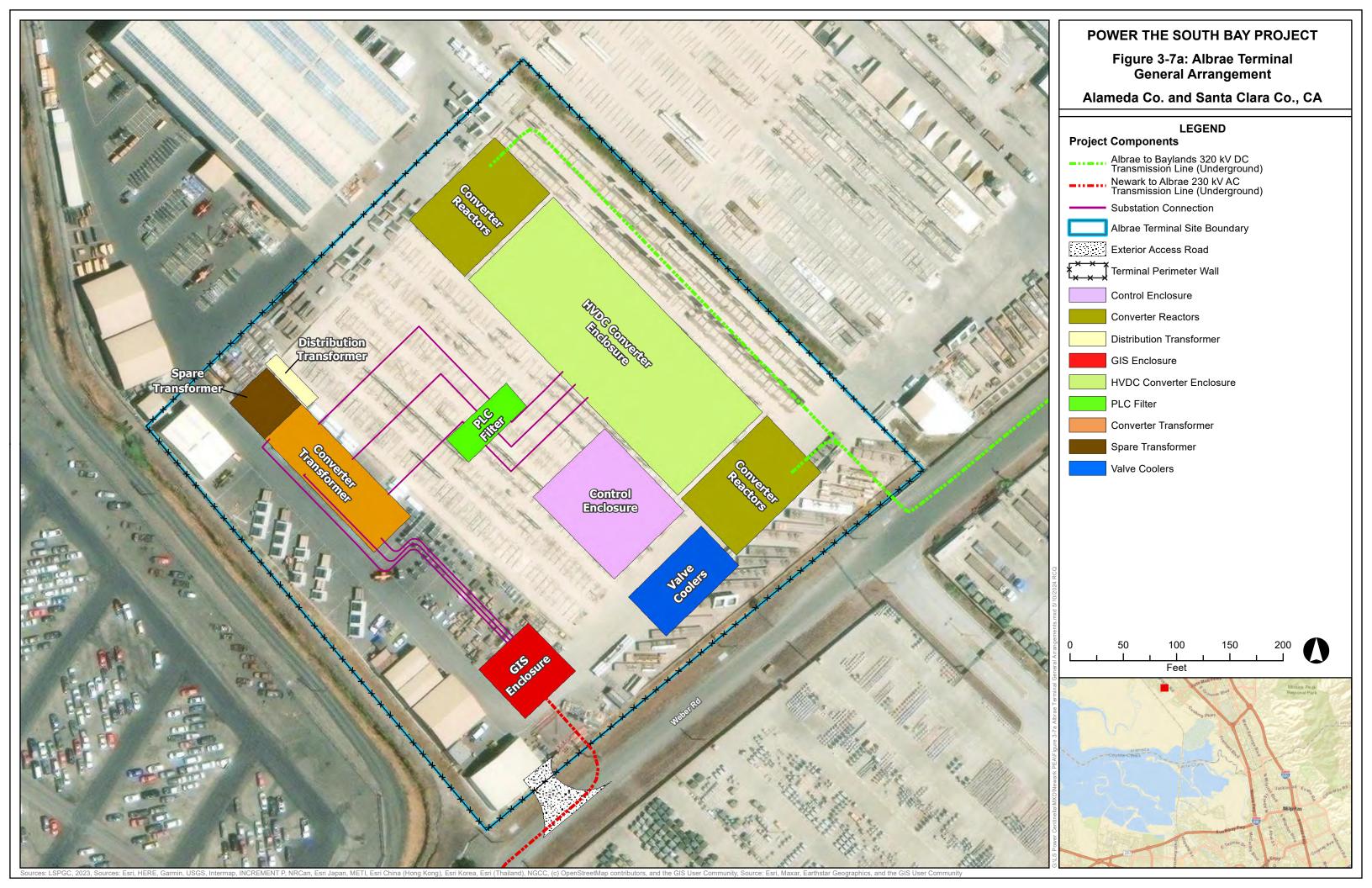


Figure 3-6: Albrae Terminal to Baylands Terminal Schematic





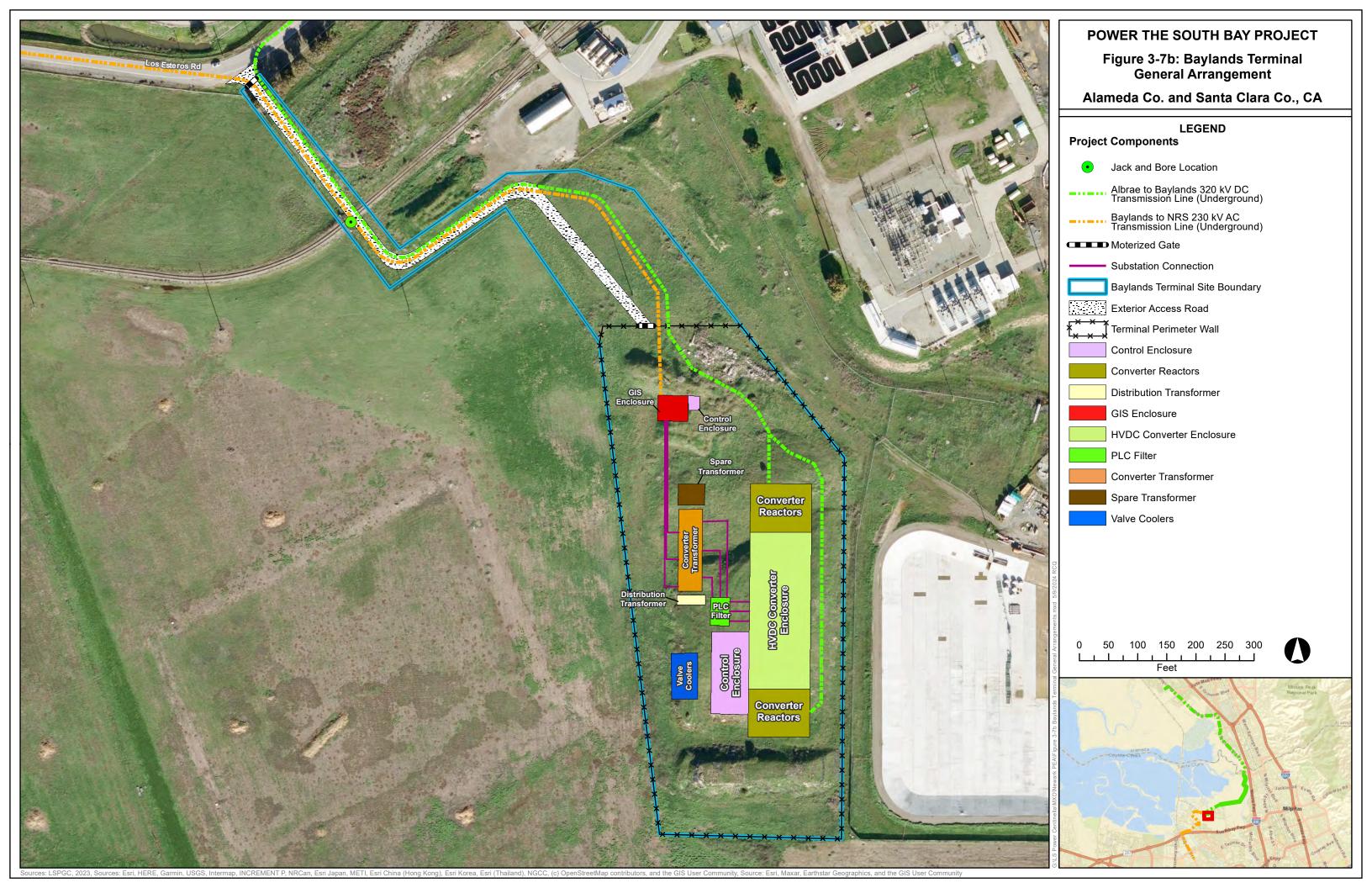
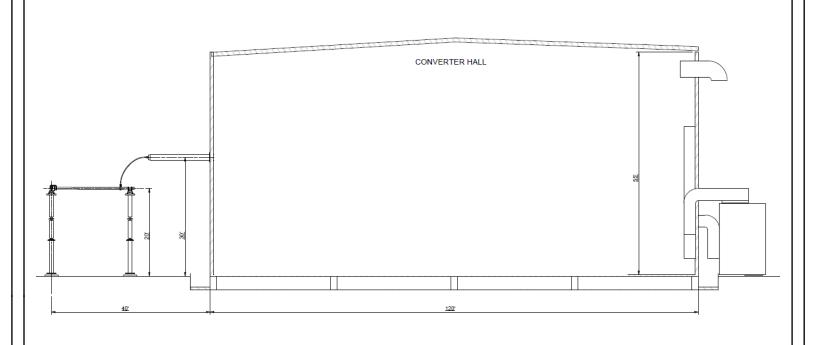


Figure 3-8 HVDC Terminal Site Profile



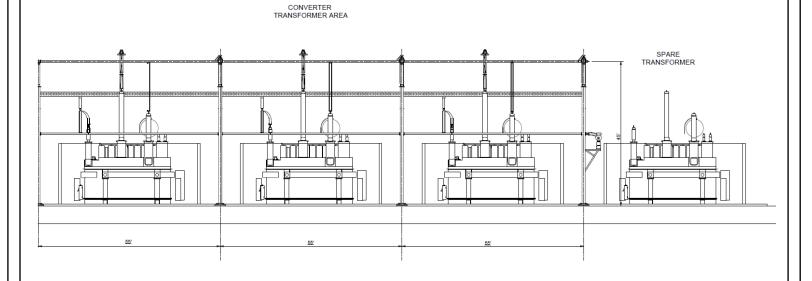


Figure 3-9: Typical 320 kV DC Duct Bank Configuration

Alameda Co. and Santa Clara Co., CA

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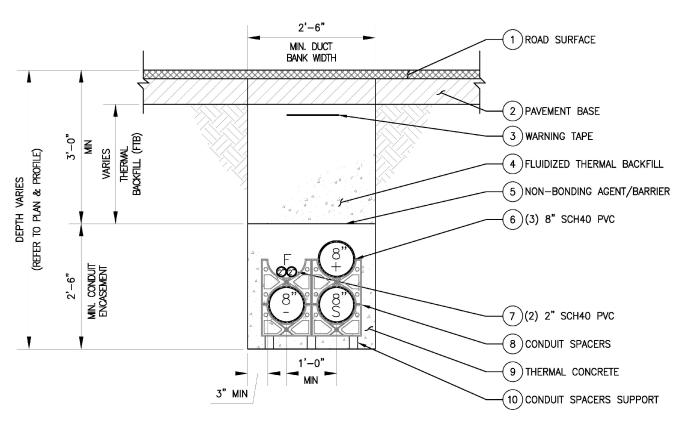
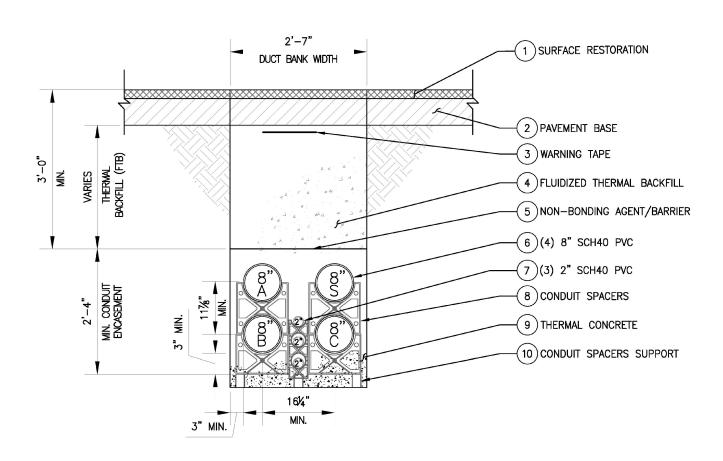


Figure 3-9: Typical 230 kV AC Duct Bank Configuration

Alameda Co. and Santa Clara Co., CA

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SECTION A—A
TYPICAL CONFIGURATION
SCALE: ¾" = 1'-0"

Figure 3-9: Typical Double Circuit Duct Bank Configuration

Alameda Co. and Santa Clara Co., CA

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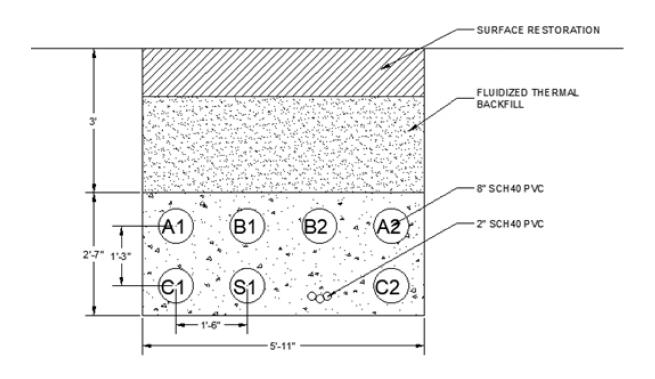
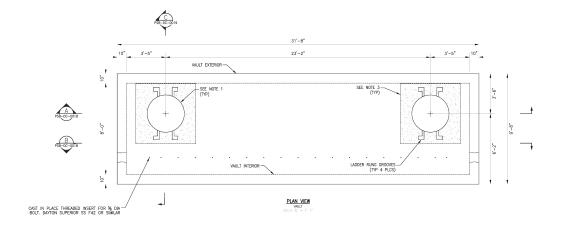
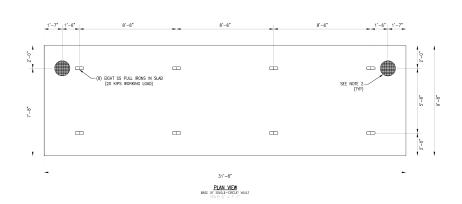


Figure 3-10: Typical 320 kV DC Splice Vault

Alameda Co. and Santa Clara Co., CA

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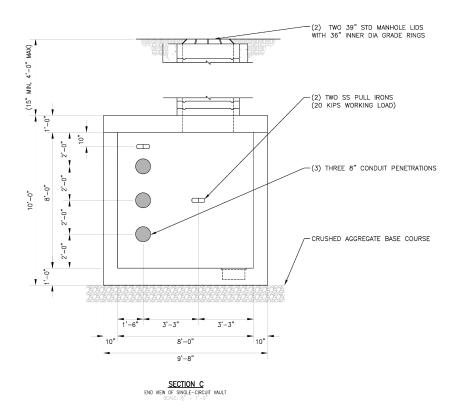


Figure 3-10: Typical 230 kV AC Splice Vault

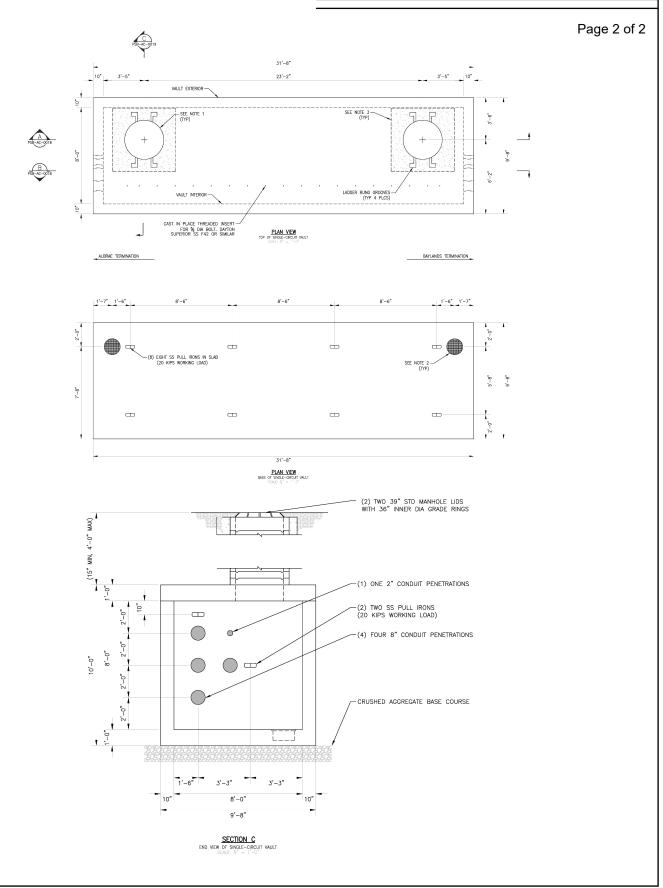


Figure 3-11: Typical 320 kV DC Termination / Riser Structure

Alameda Co. and Santa Clara Co., CA

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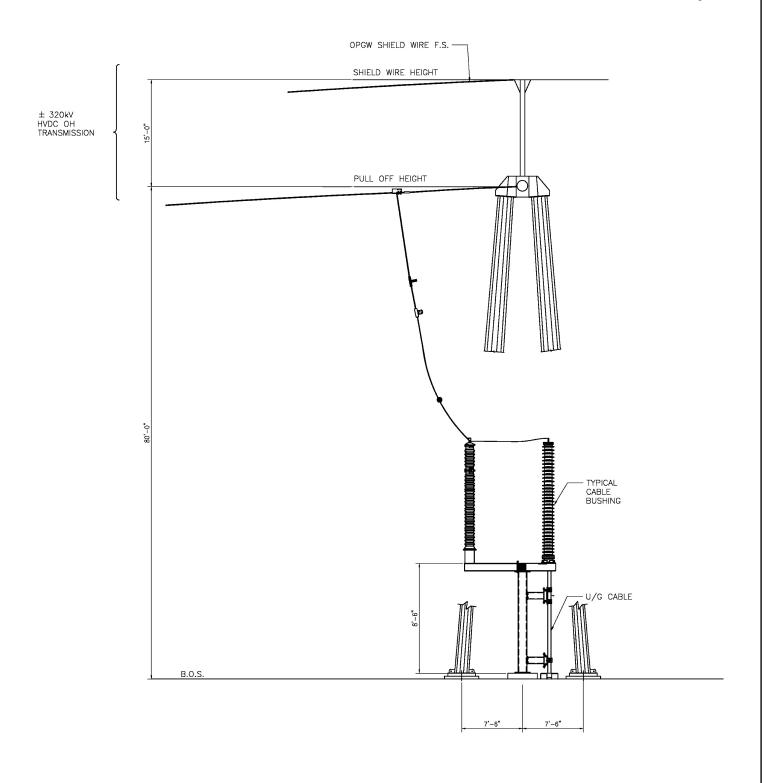
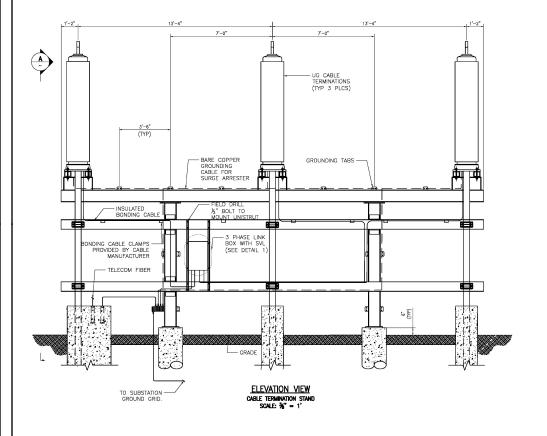


Figure 3-11: Typical 230 kV AC Substation Termination / Riser Structure

Alameda Co. and Santa Clara Co., CA

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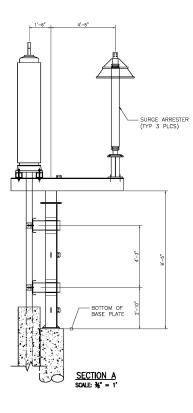


Figure 3-11: Typical 230 kV AC Cable Riser Pole

Alameda Co. and Santa Clara Co., CA

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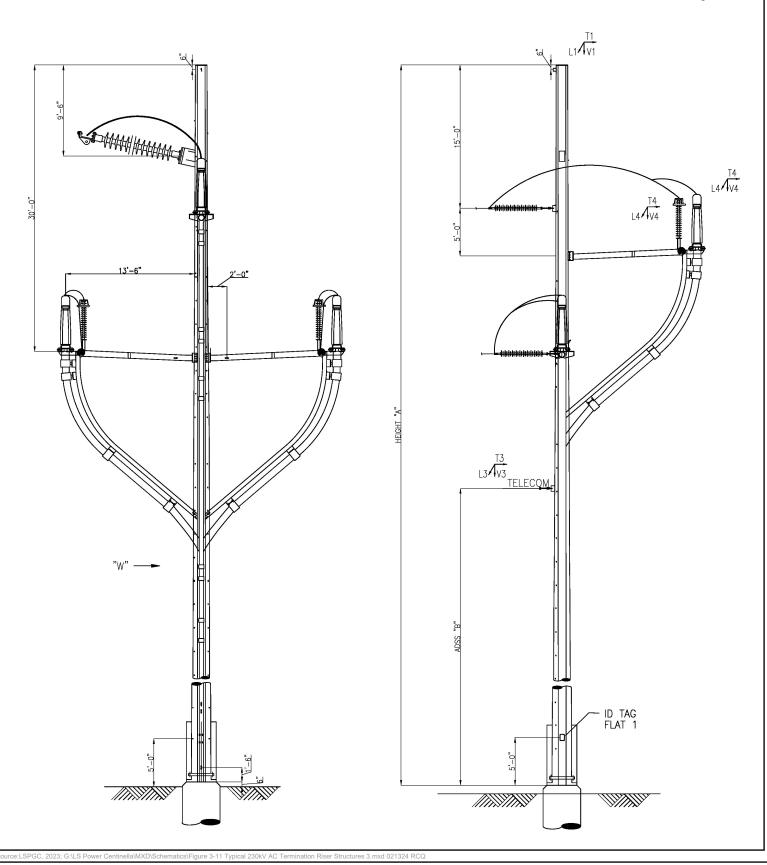


Figure 3-12: Typical 320 kV DC Overhead Transmission Line Structures

Alameda Co. and Santa Clara Co., CA

Page 1 of 2

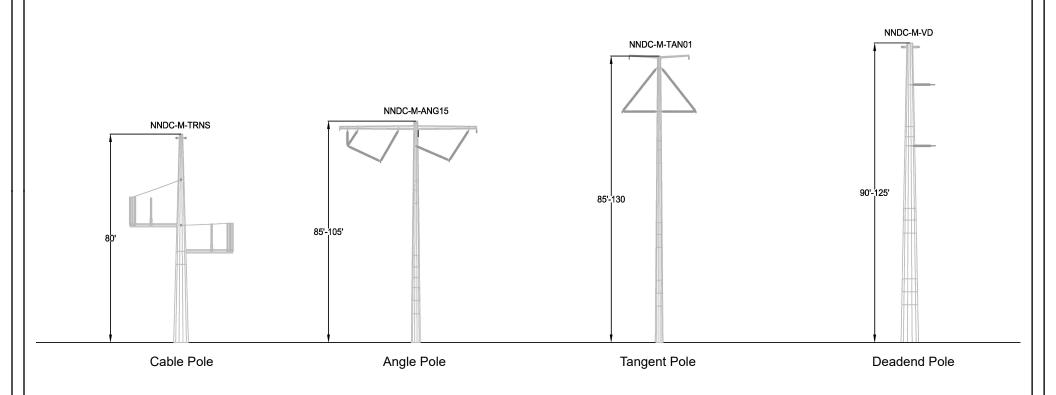


Figure 3-12: Typical 230 kV AC Overhead Transmission Line Structures

Alameda Co. and Santa Clara Co., CA

Page 2 of 2

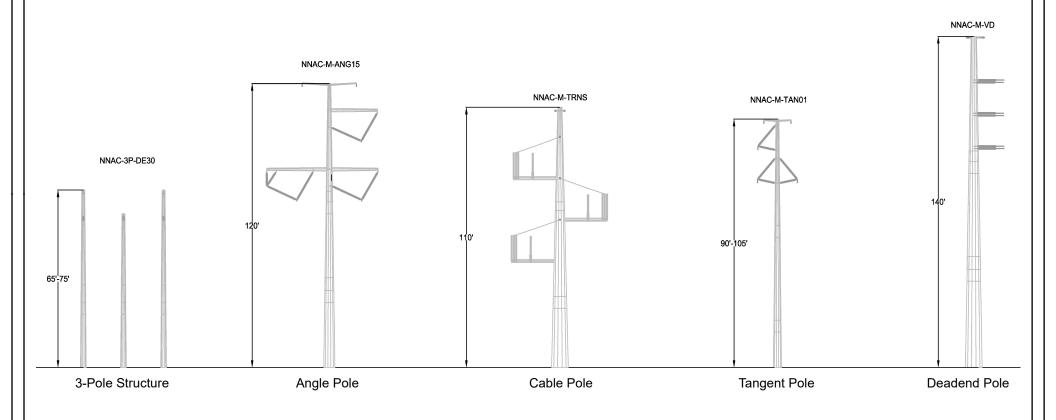
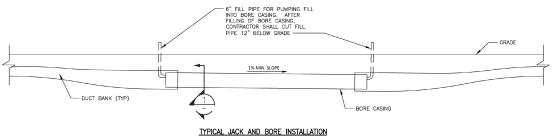


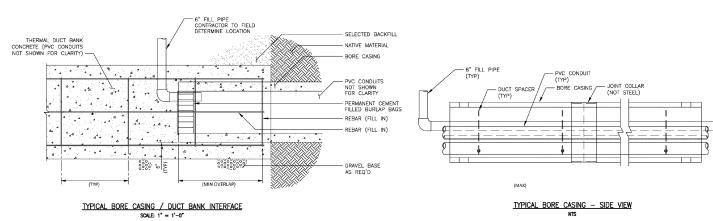
Figure 3-13: Typical 320 kV DC Jack-and-Bore Diagrams

Alameda Co. and Santa Clara Co., CA

Page 1 of 3



TYPICAL JACK AND BORE INSTALLATION SCALE: NTC



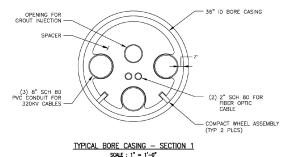
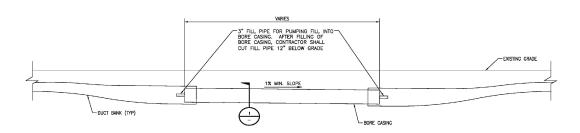


Figure 3-13: Typical 230 kV Jack-and-Bore Diagrams - Option 1

Alameda Co. and Santa Clara Co., CA

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TYPICAL JACK AND BORE INSTALLATION SCALE: NTS

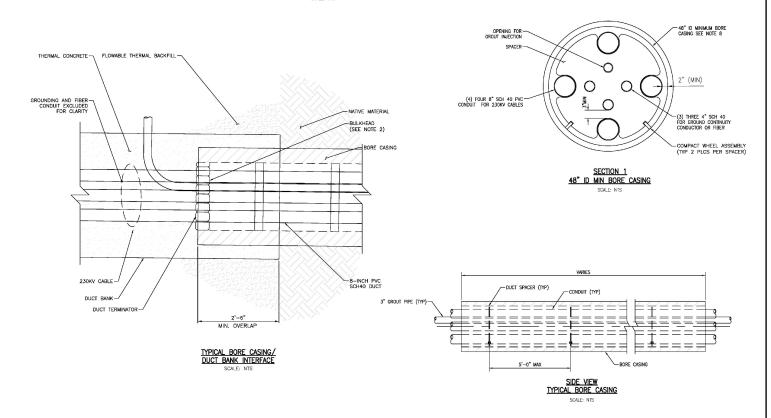
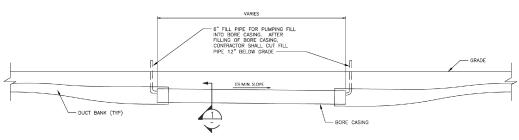


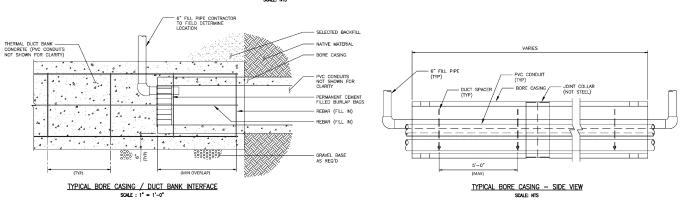
Figure 3-13: Typical 230 kV Jack-and-Bore Diagrams - Option 2

Alameda Co. and Santa Clara Co., CA

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TYPICAL JACK AND BORE INSTALLATION SCALE: NTS



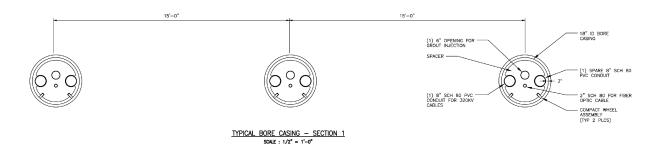
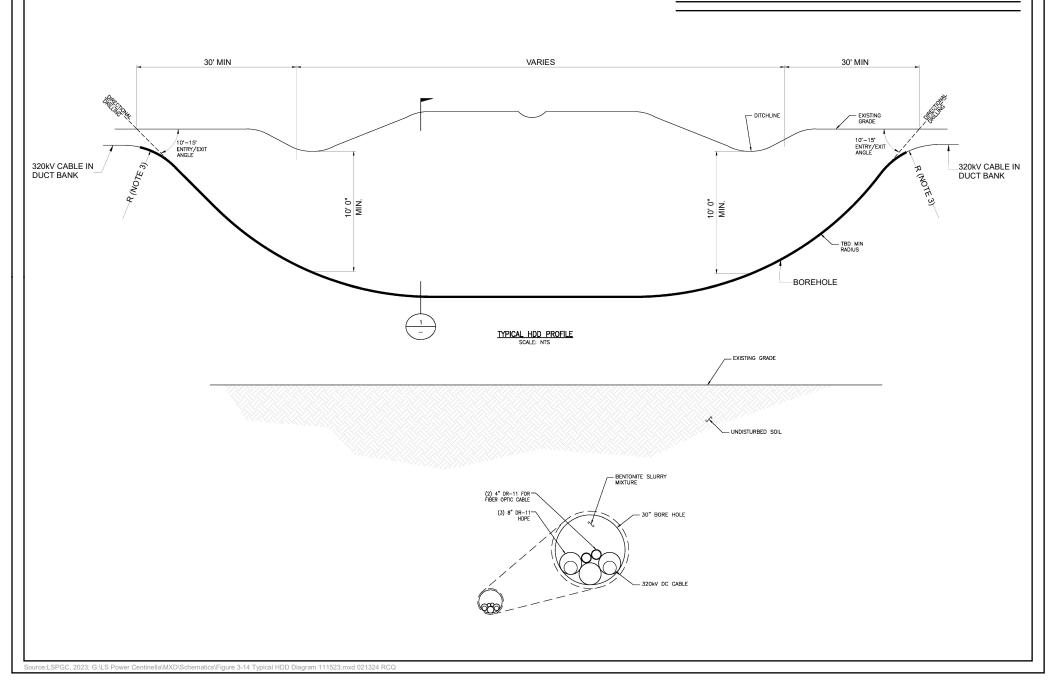
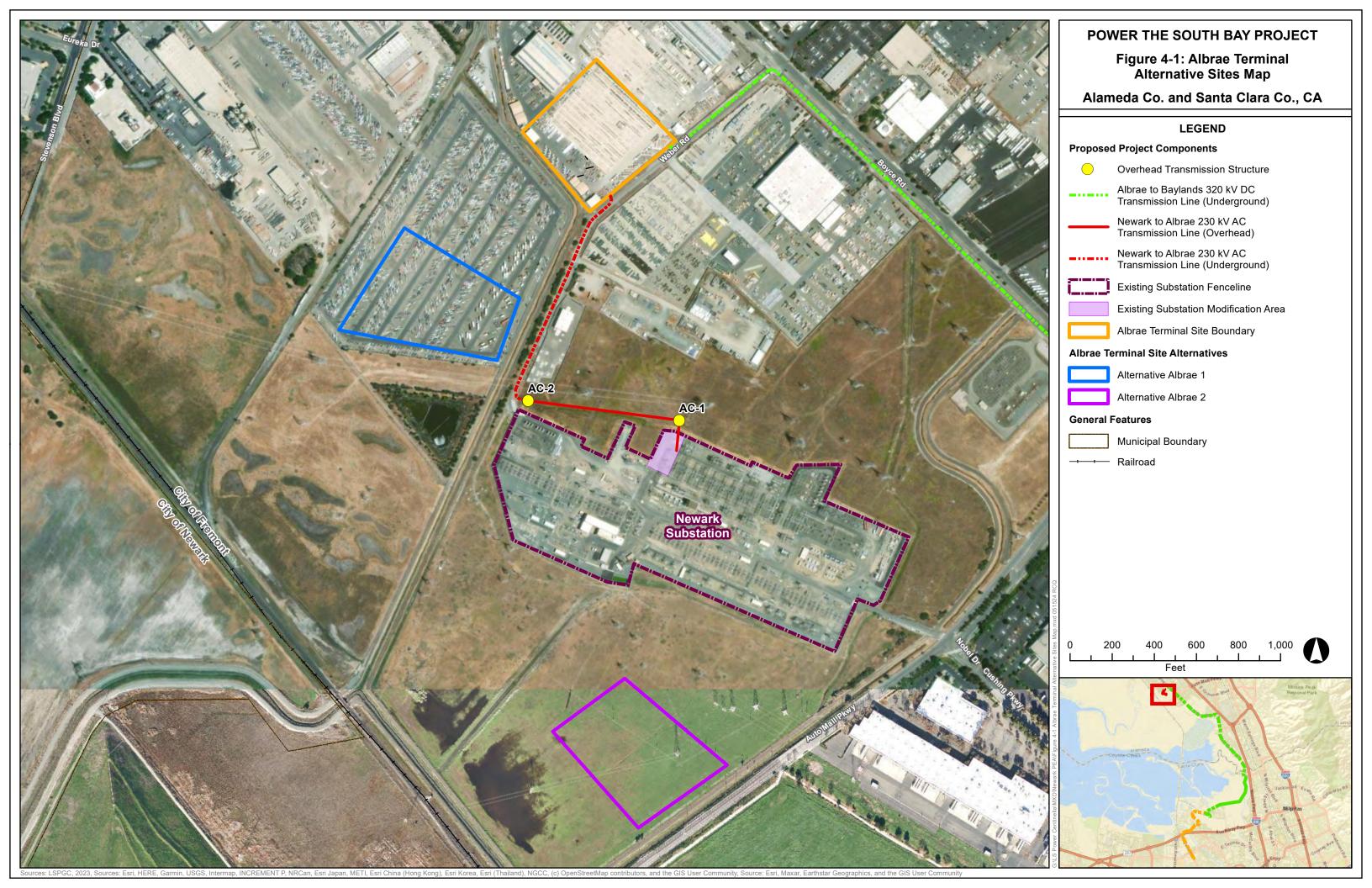
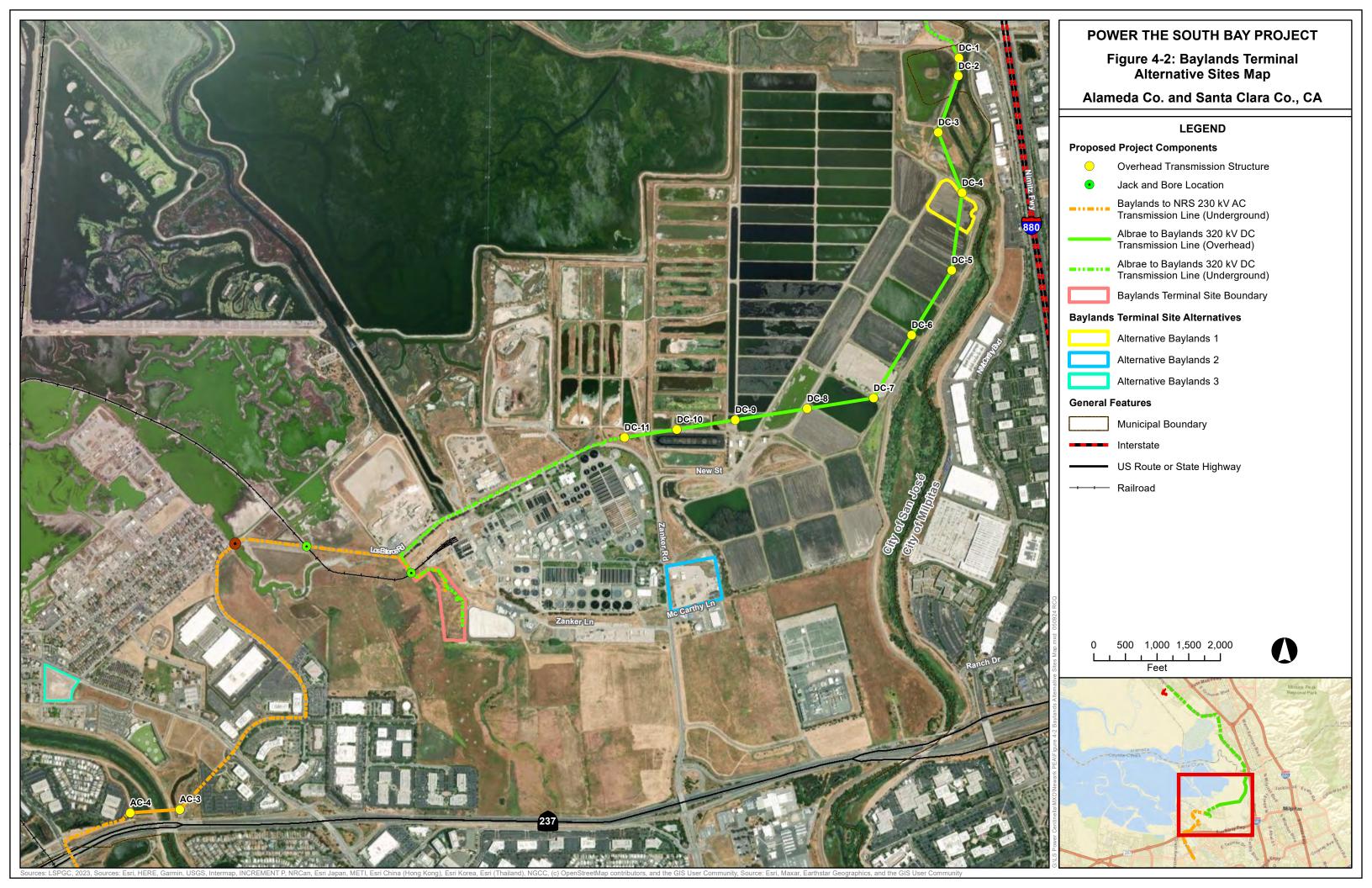


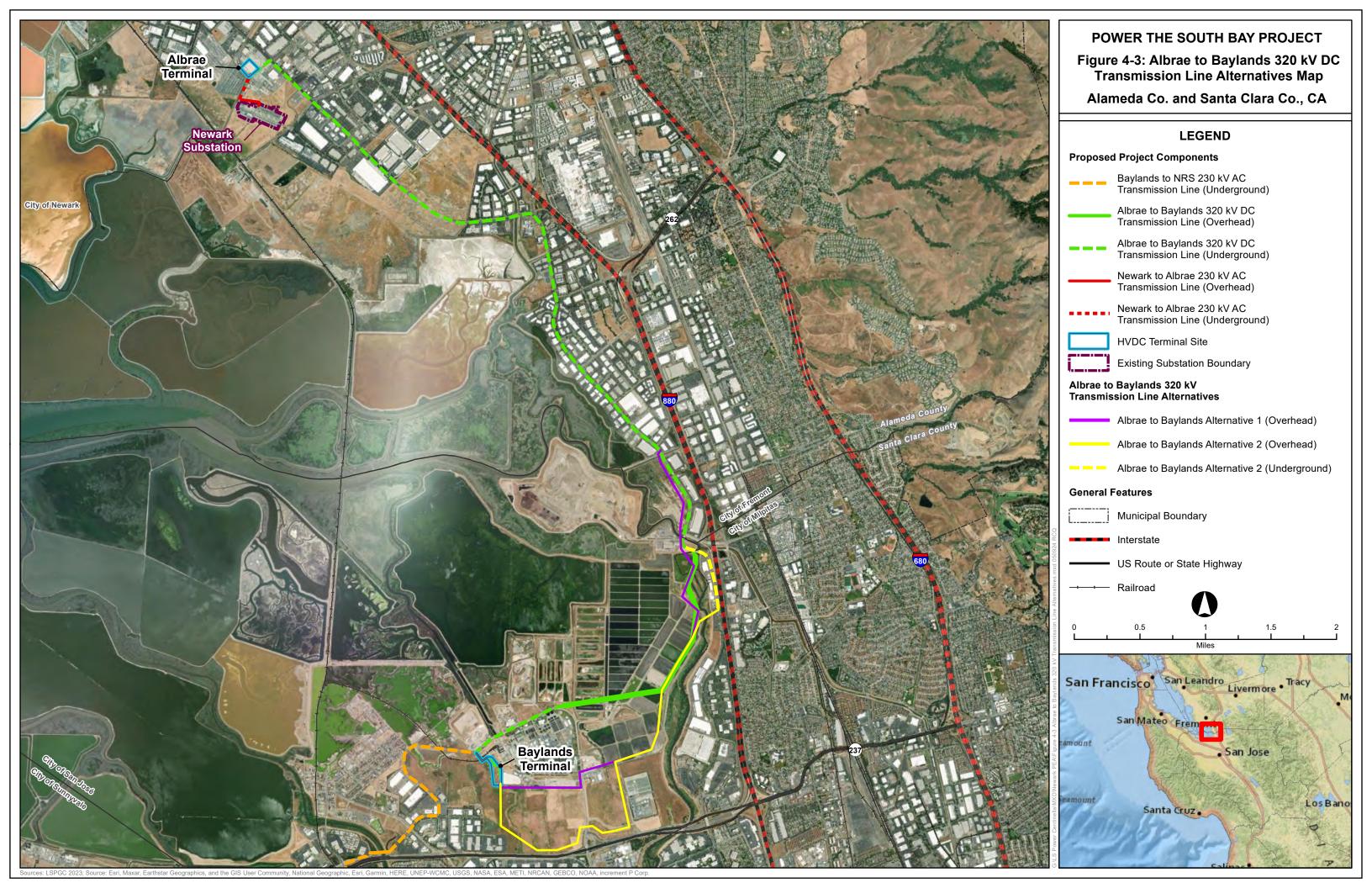
Figure 3-14: Typical HDD Diagram

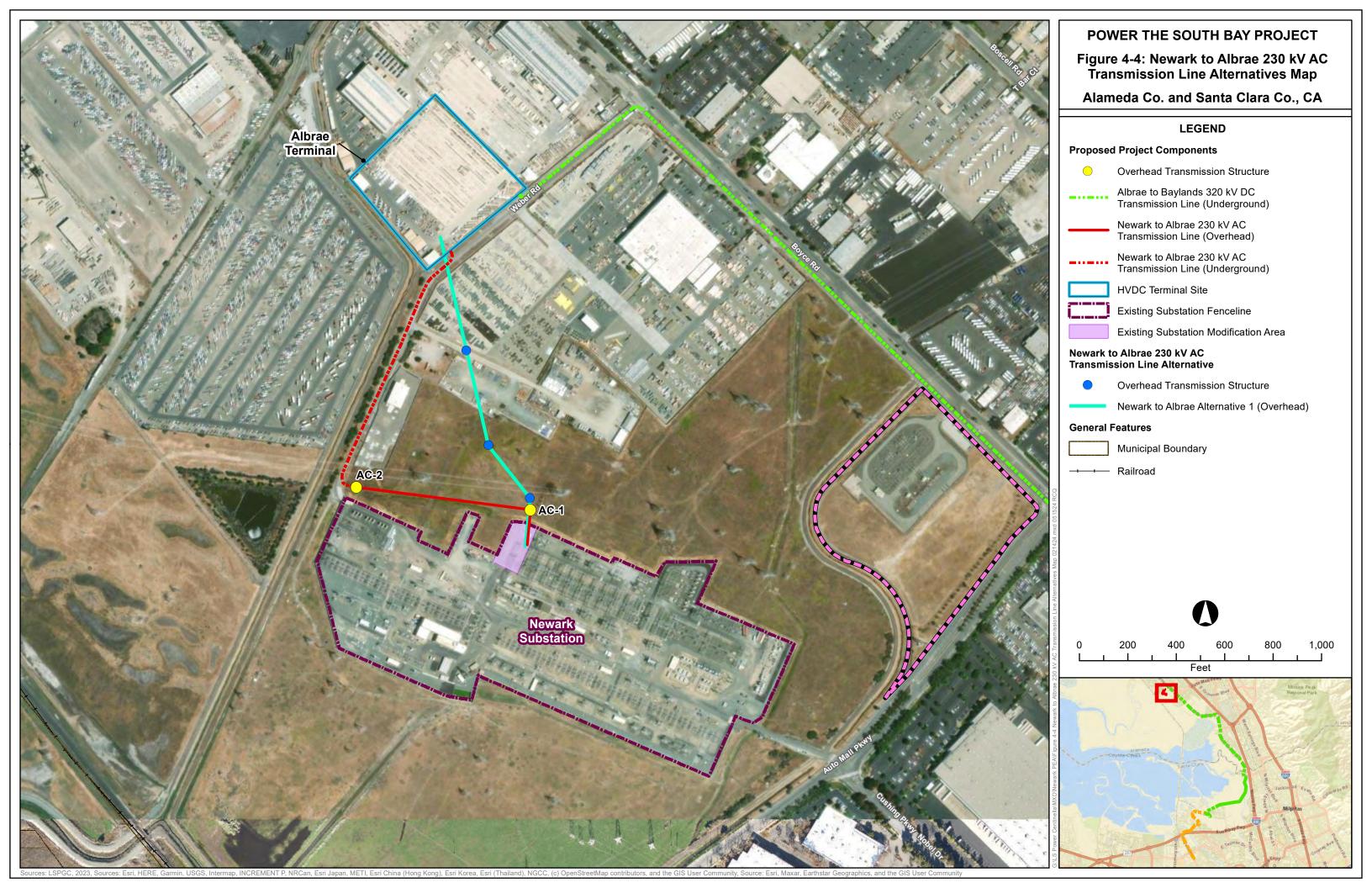


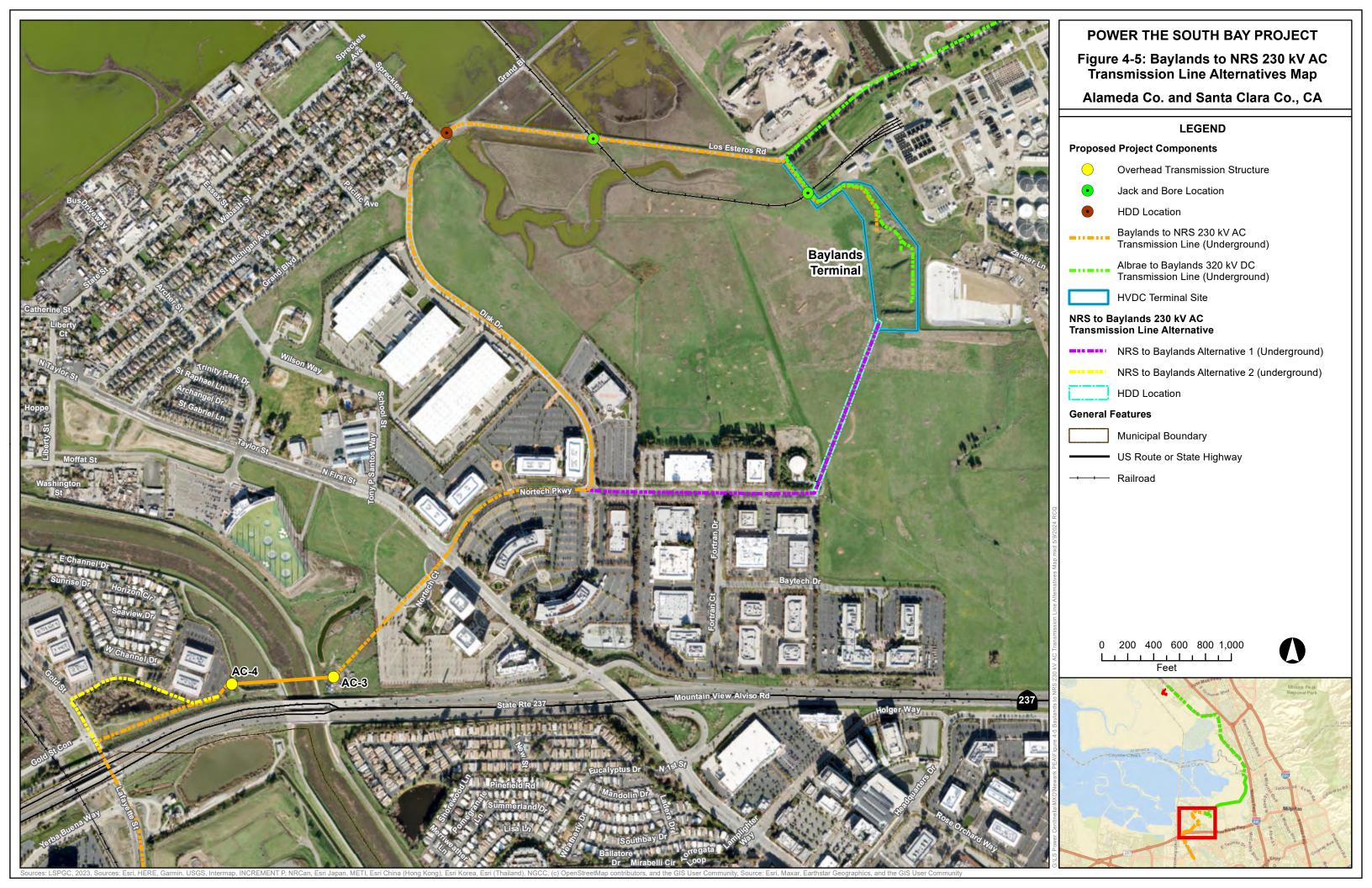
POWER THE SOUTH BAY PROJECT Figure 3-15 Typical Underground Stringing Operation Alameda Co. and Santa Clara Co., CA Puller Tensioner Splice Truck / Van Cable **Splice Vault Splice Vault**

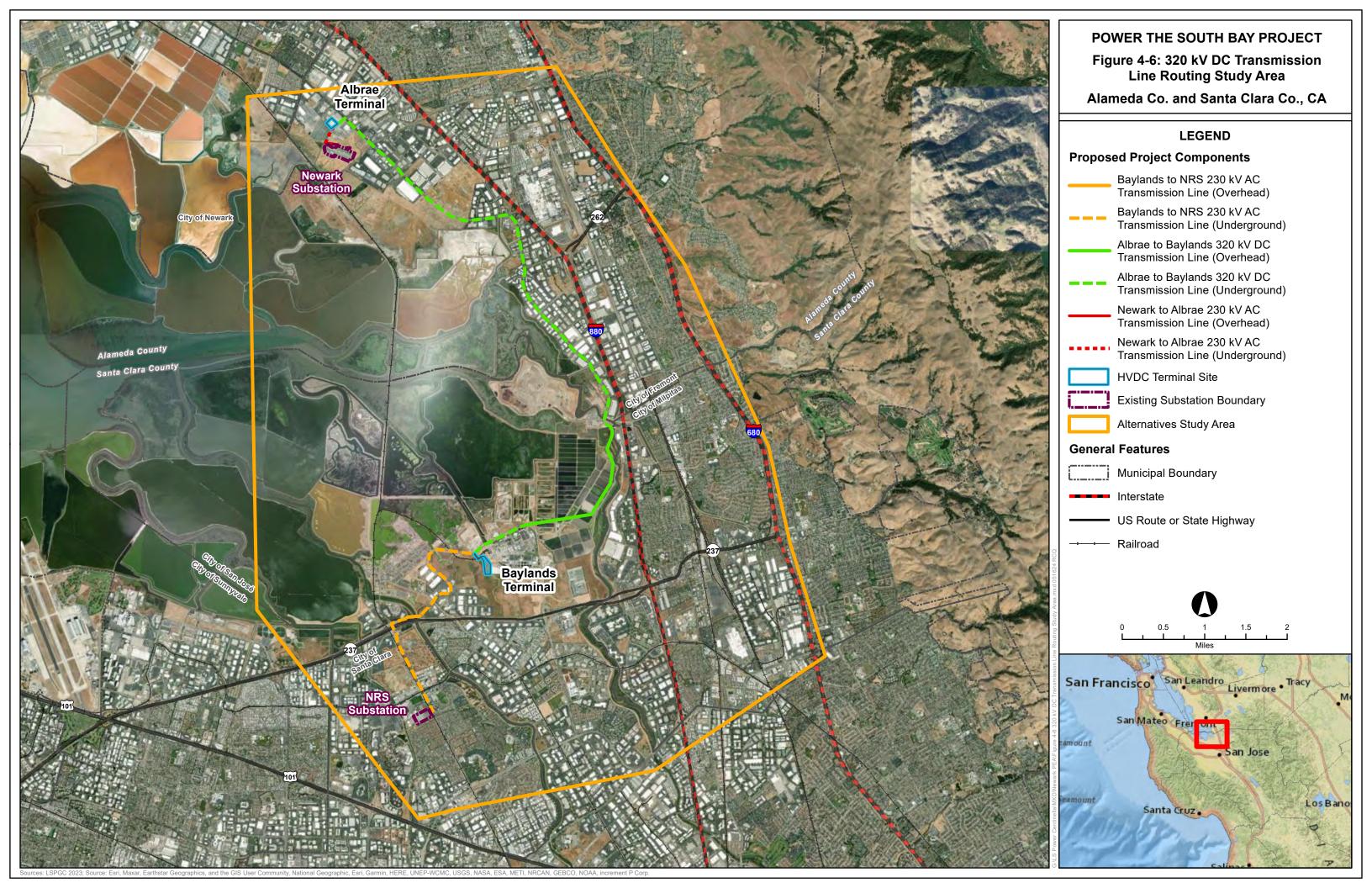


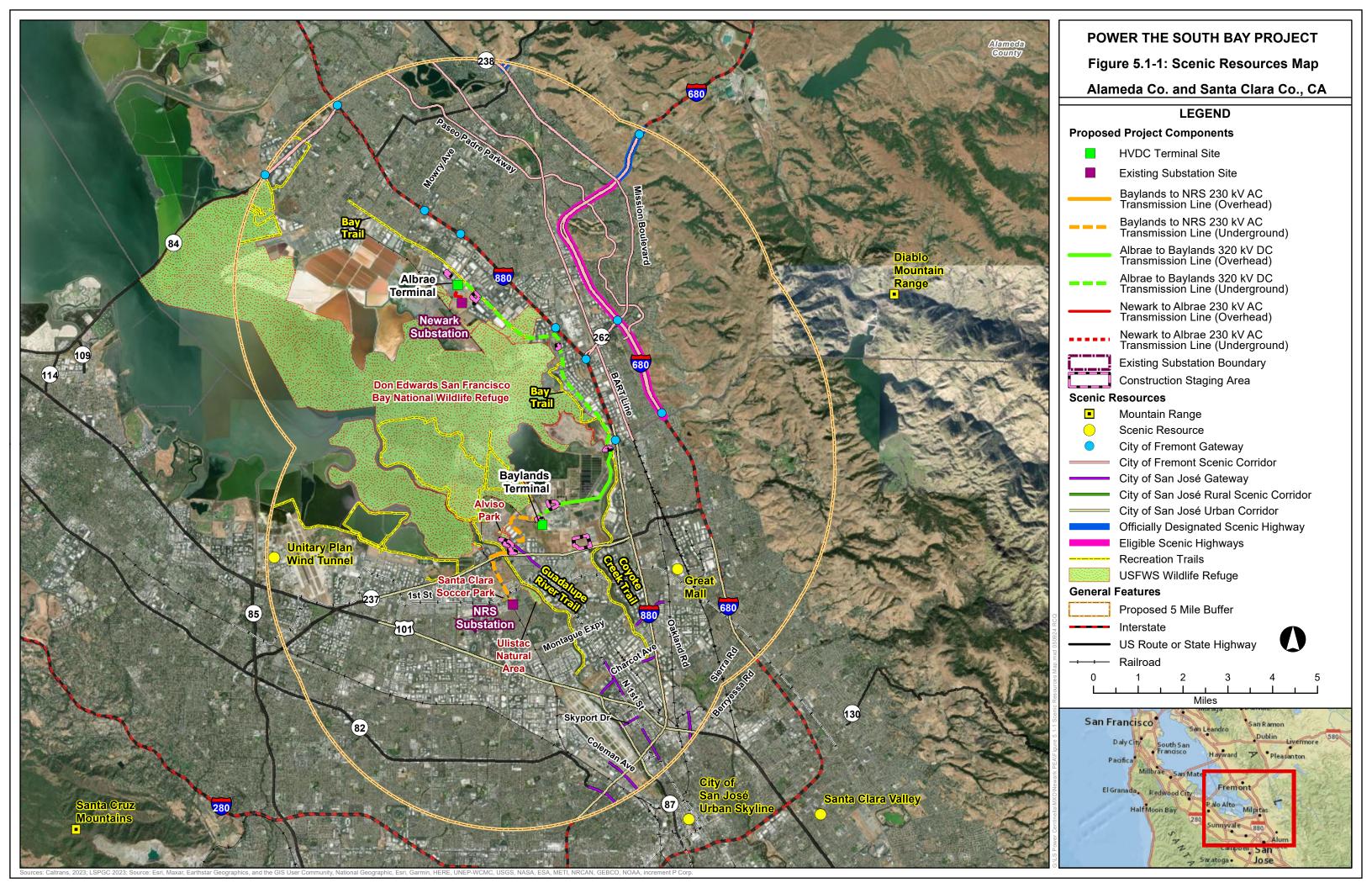


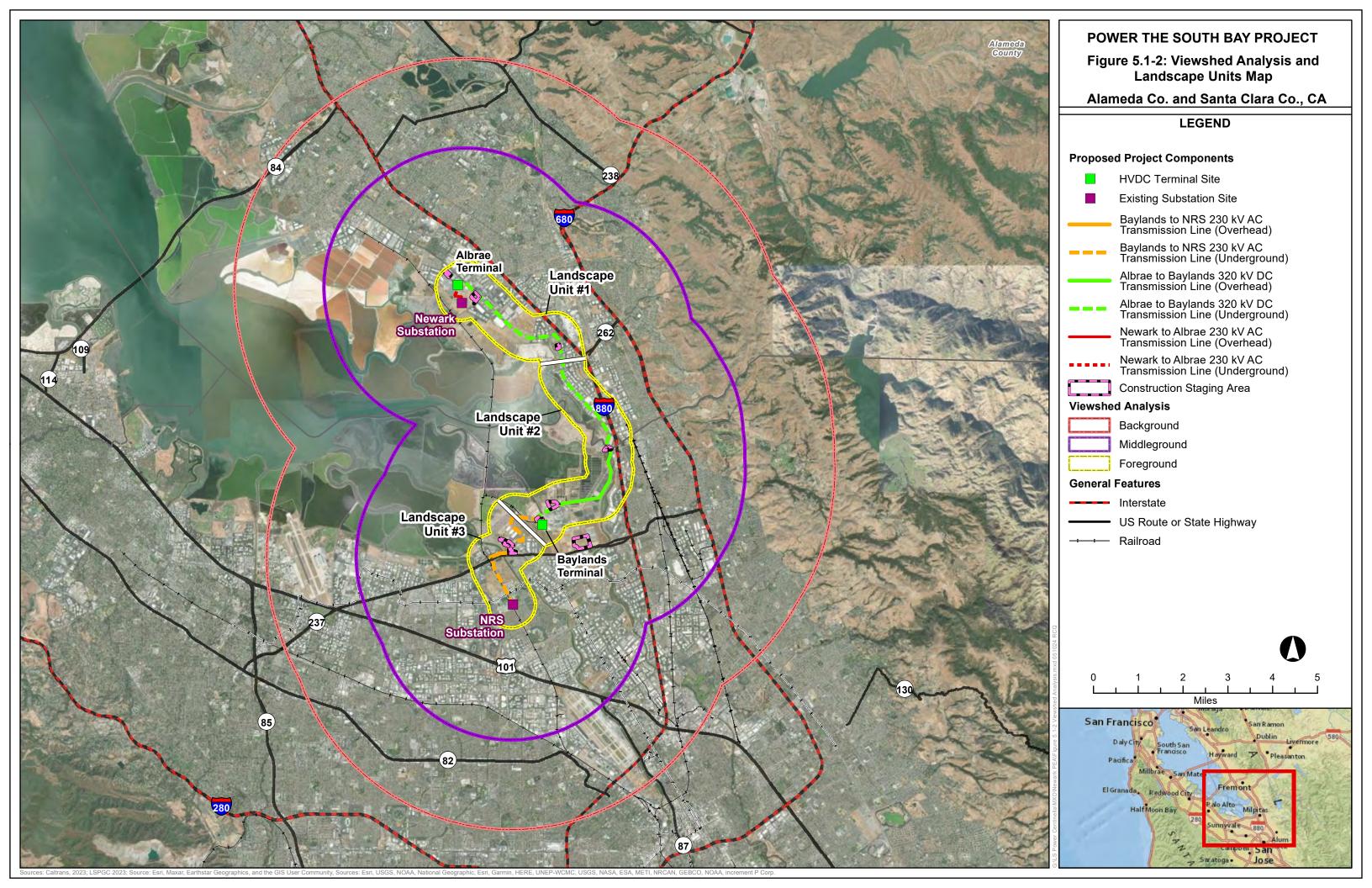


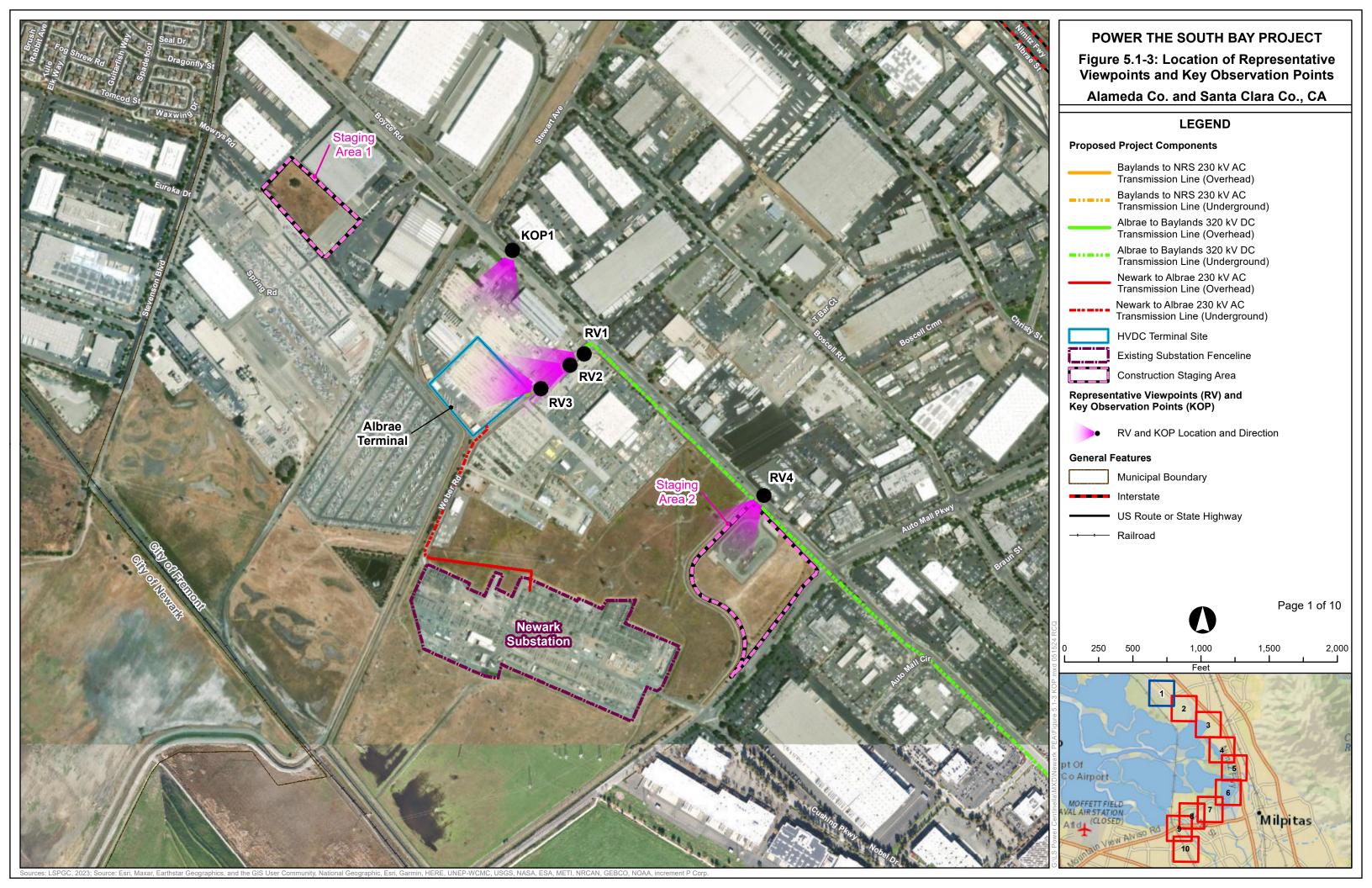


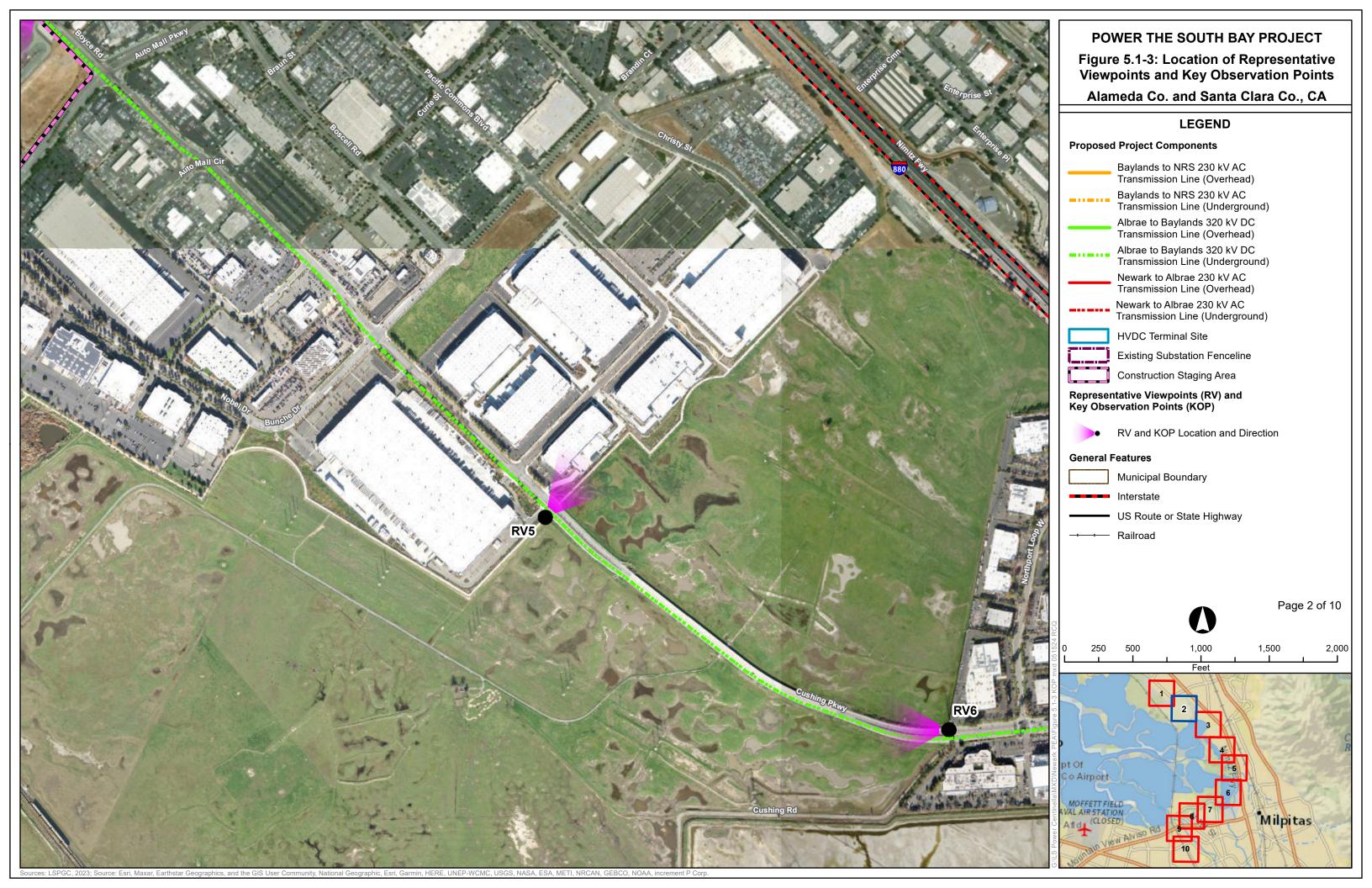


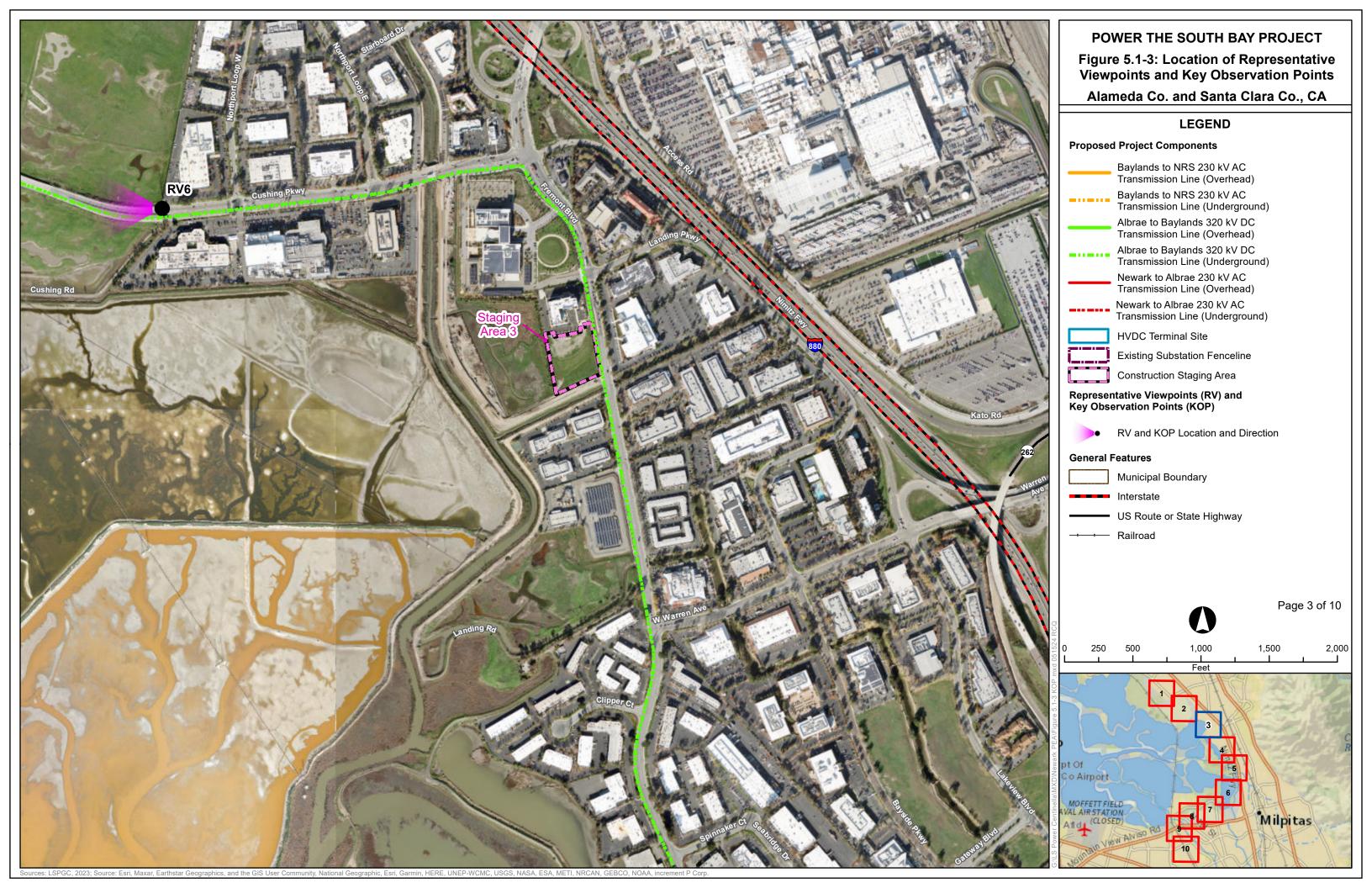


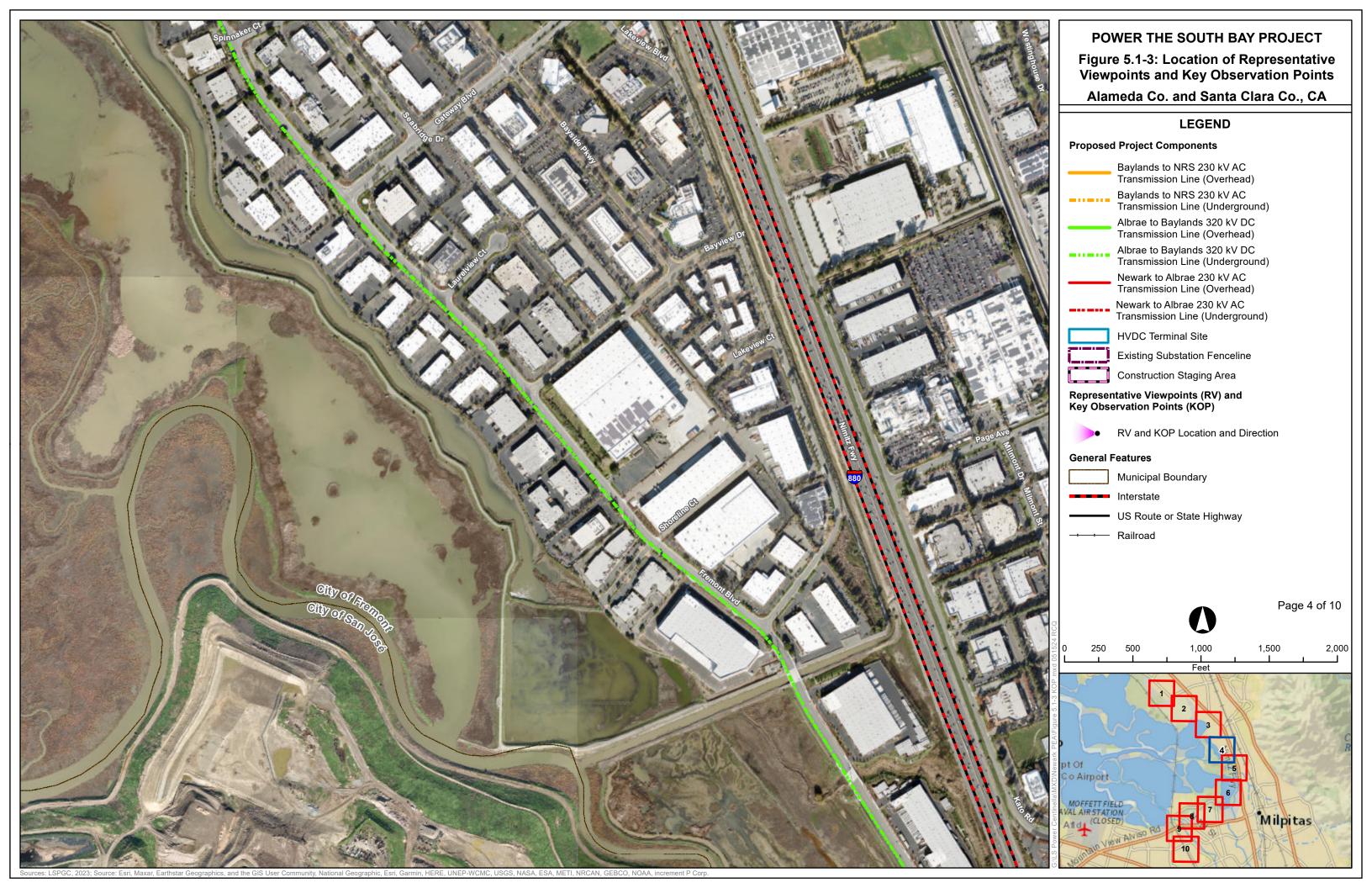


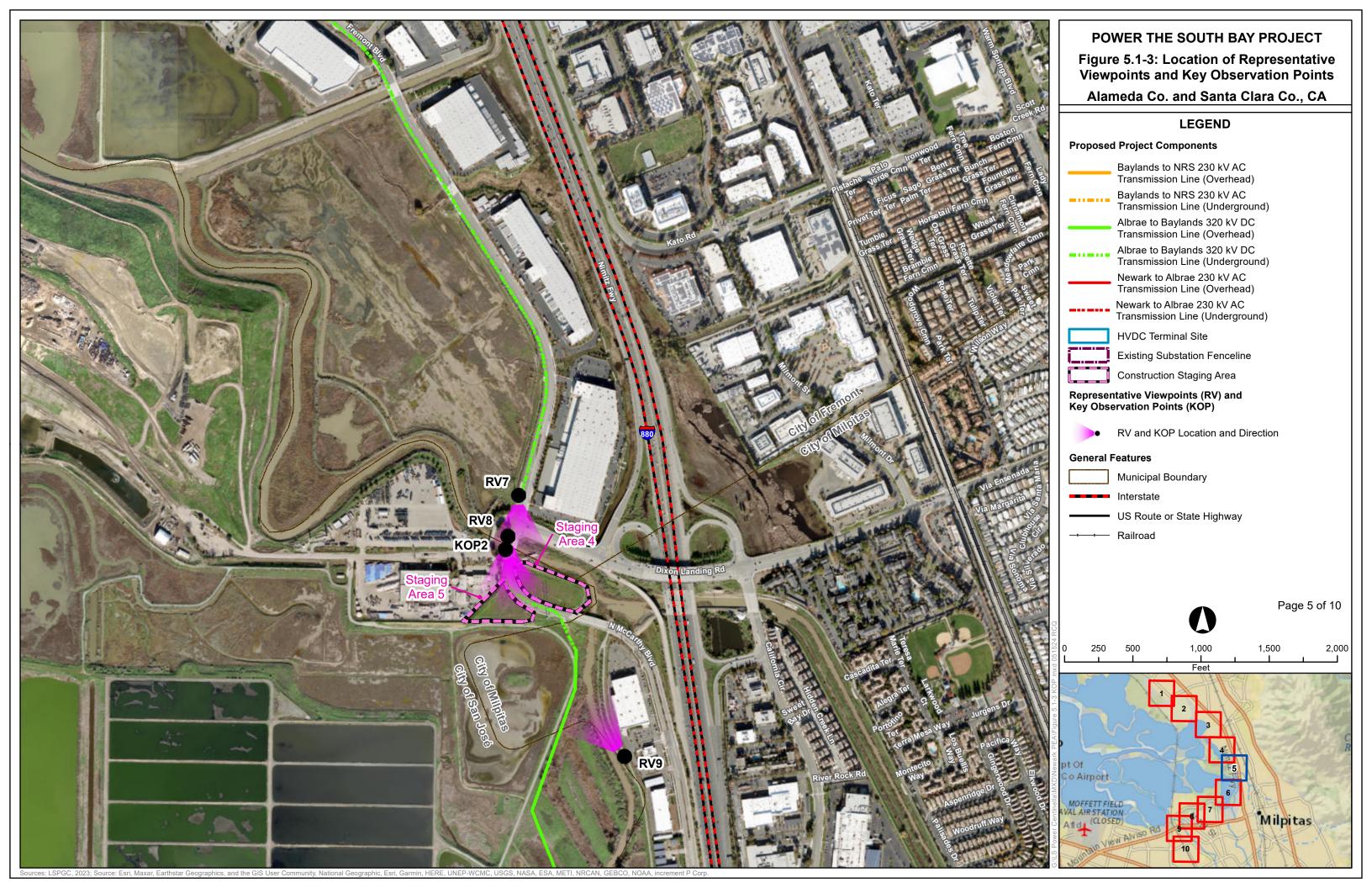


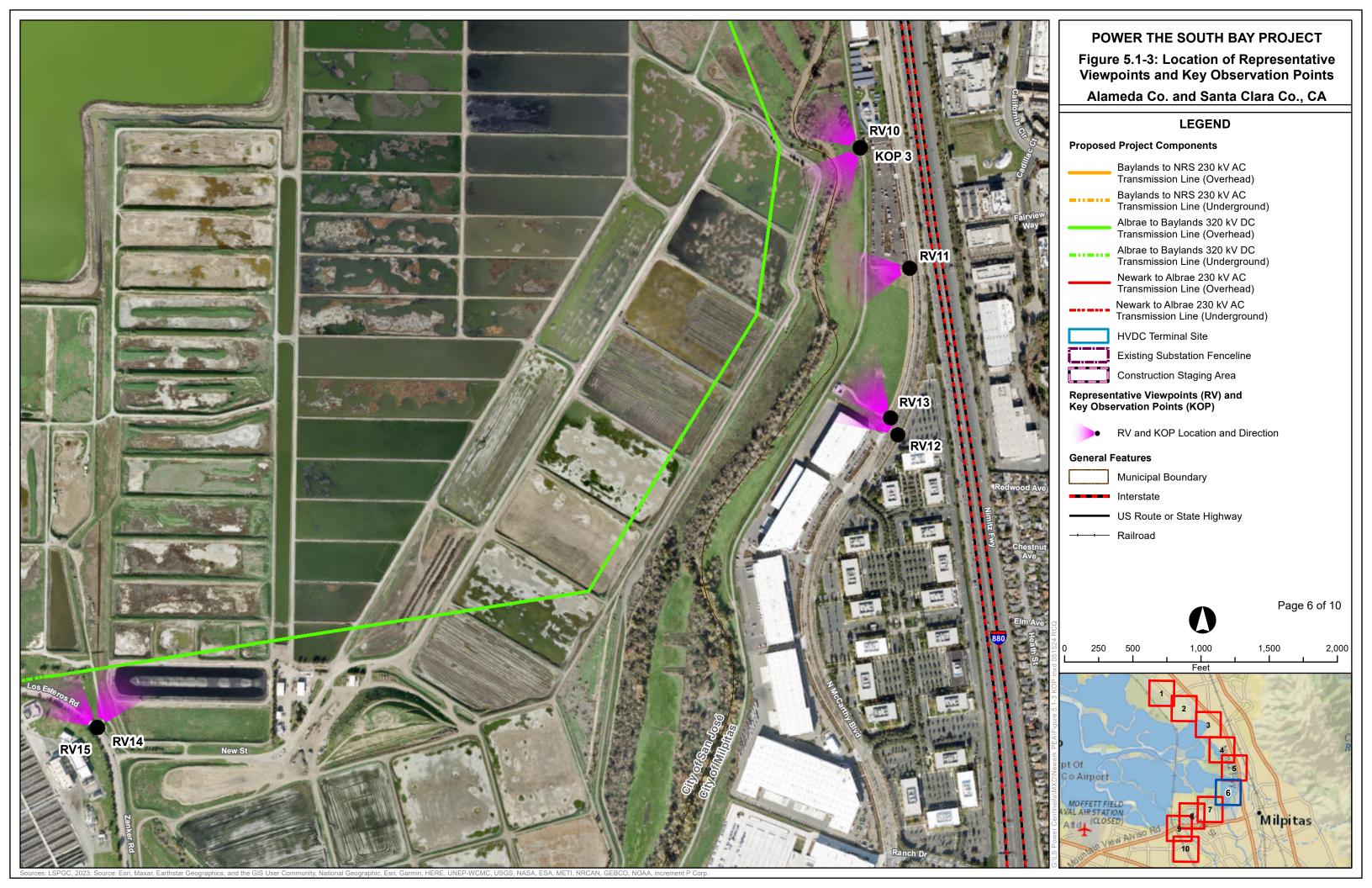


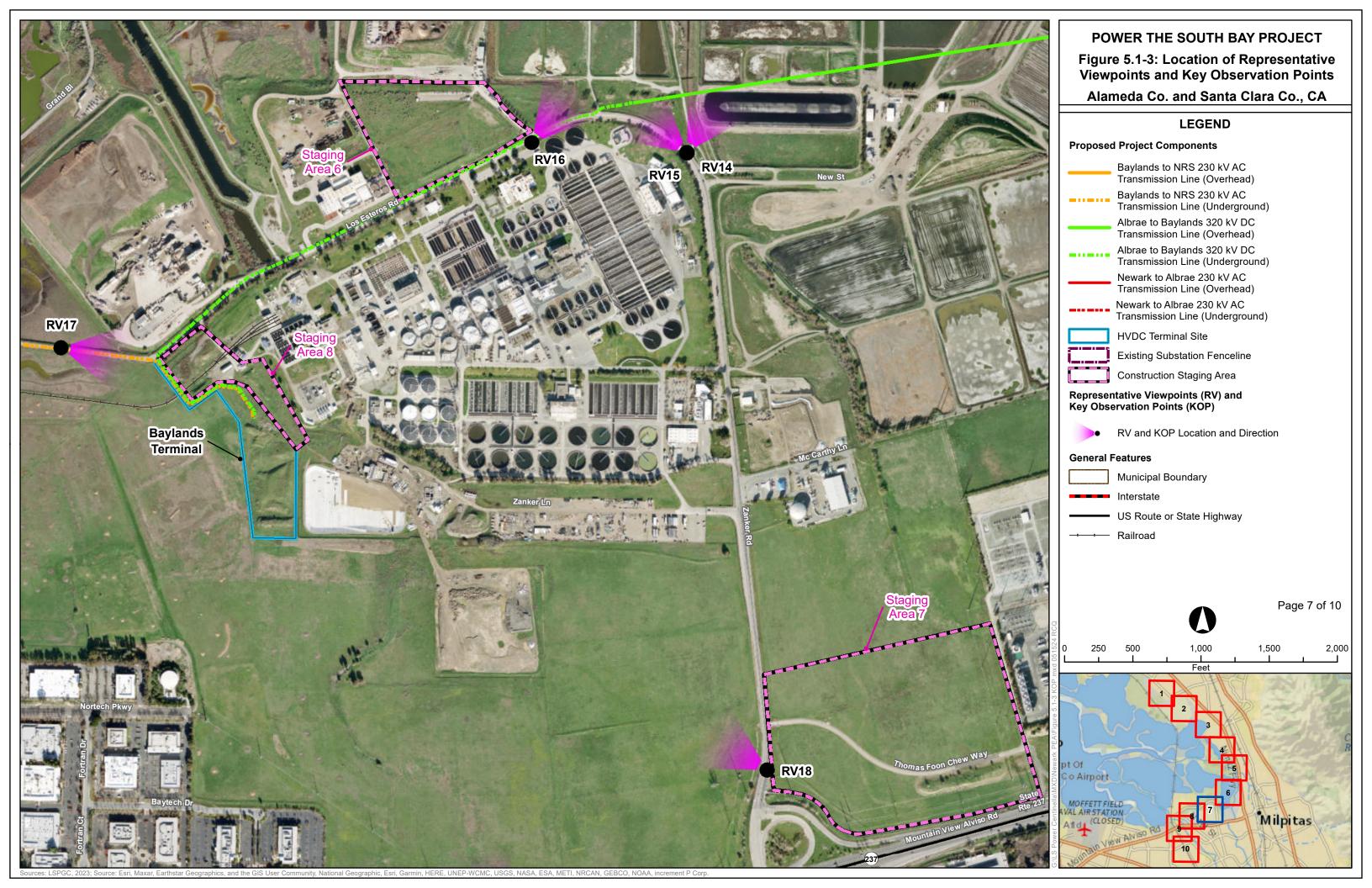


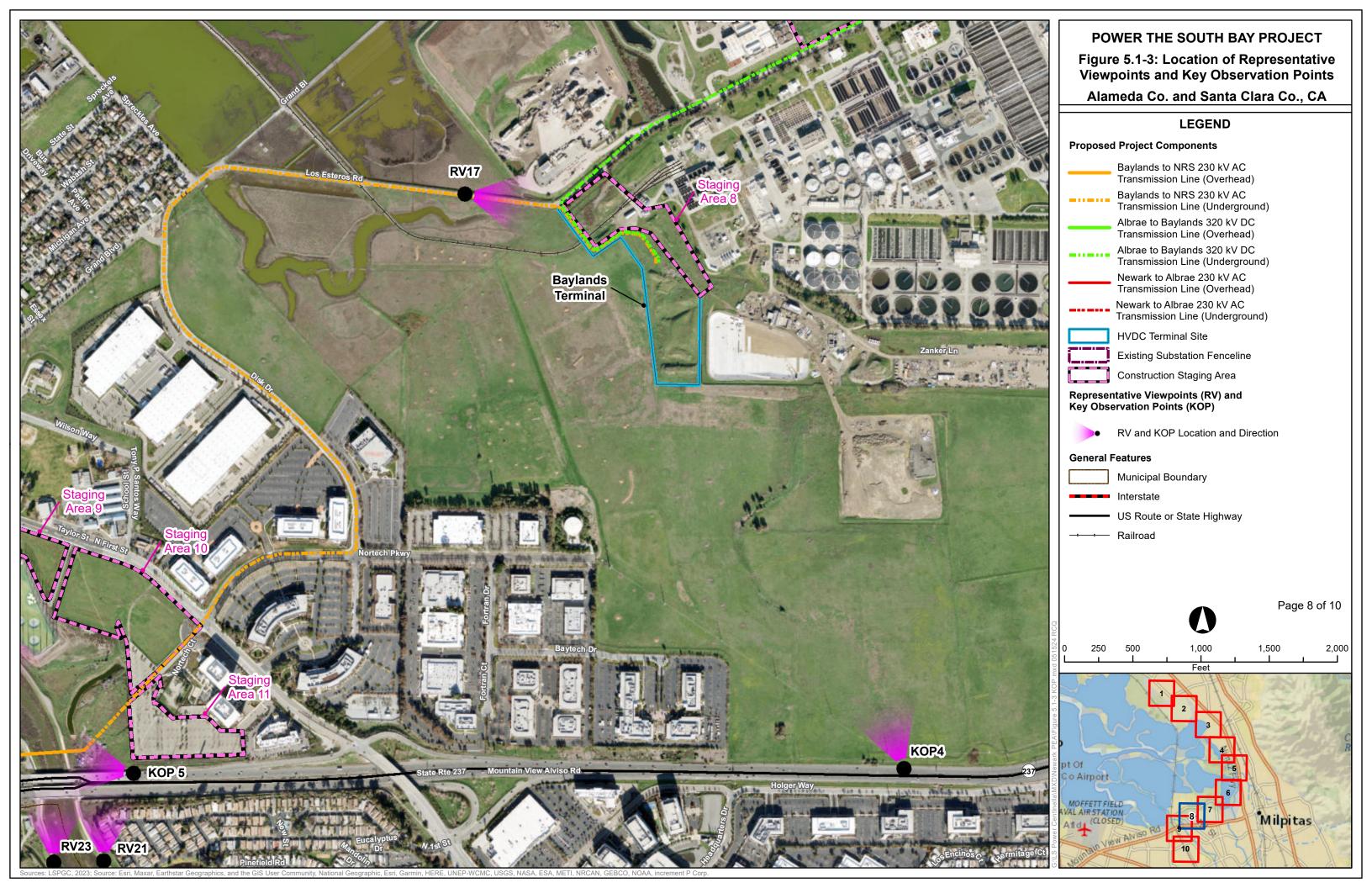


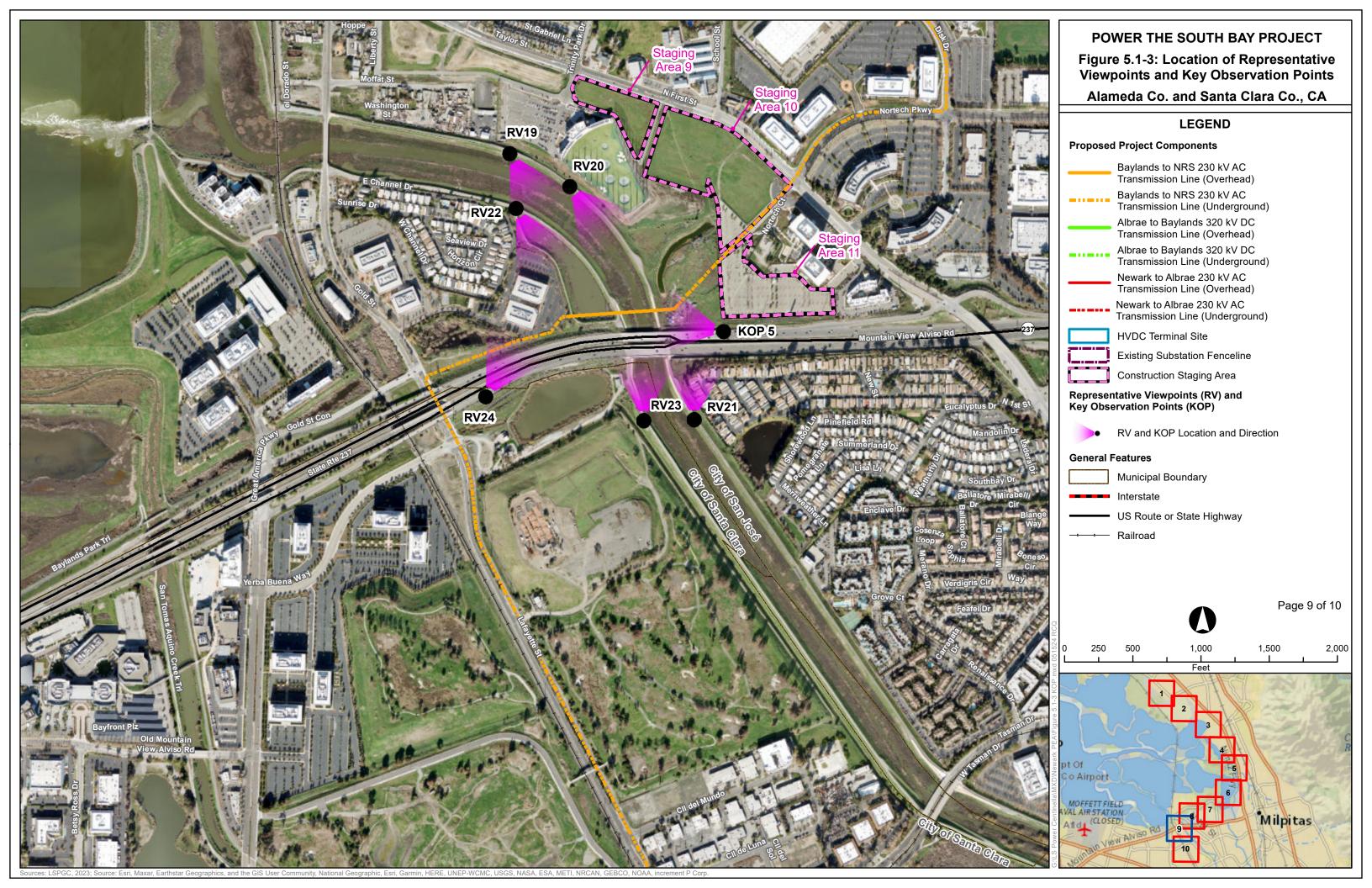












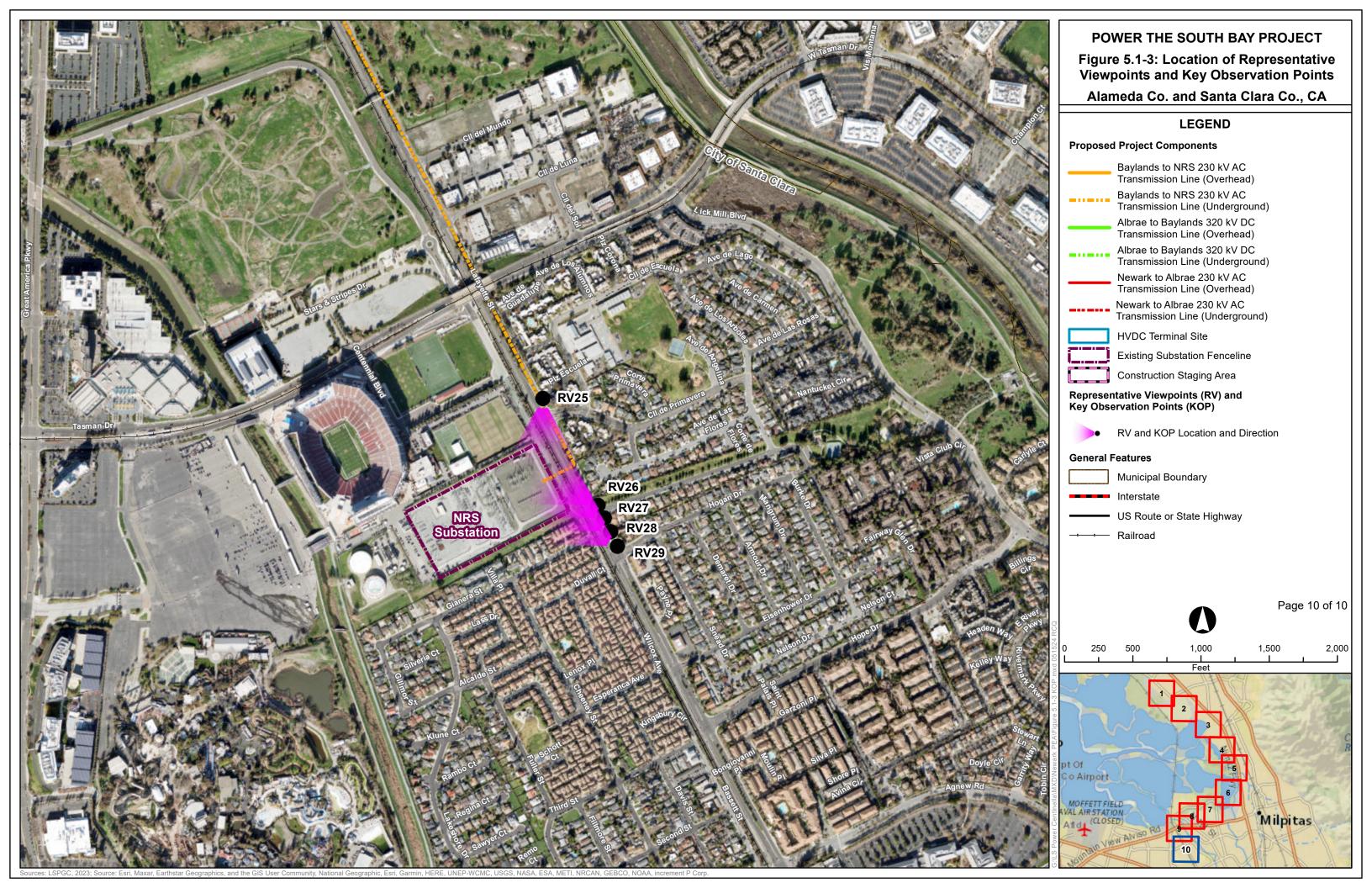


Figure 5.1-3A Representative Viewpoint (RV) 1 – Looking Southwest

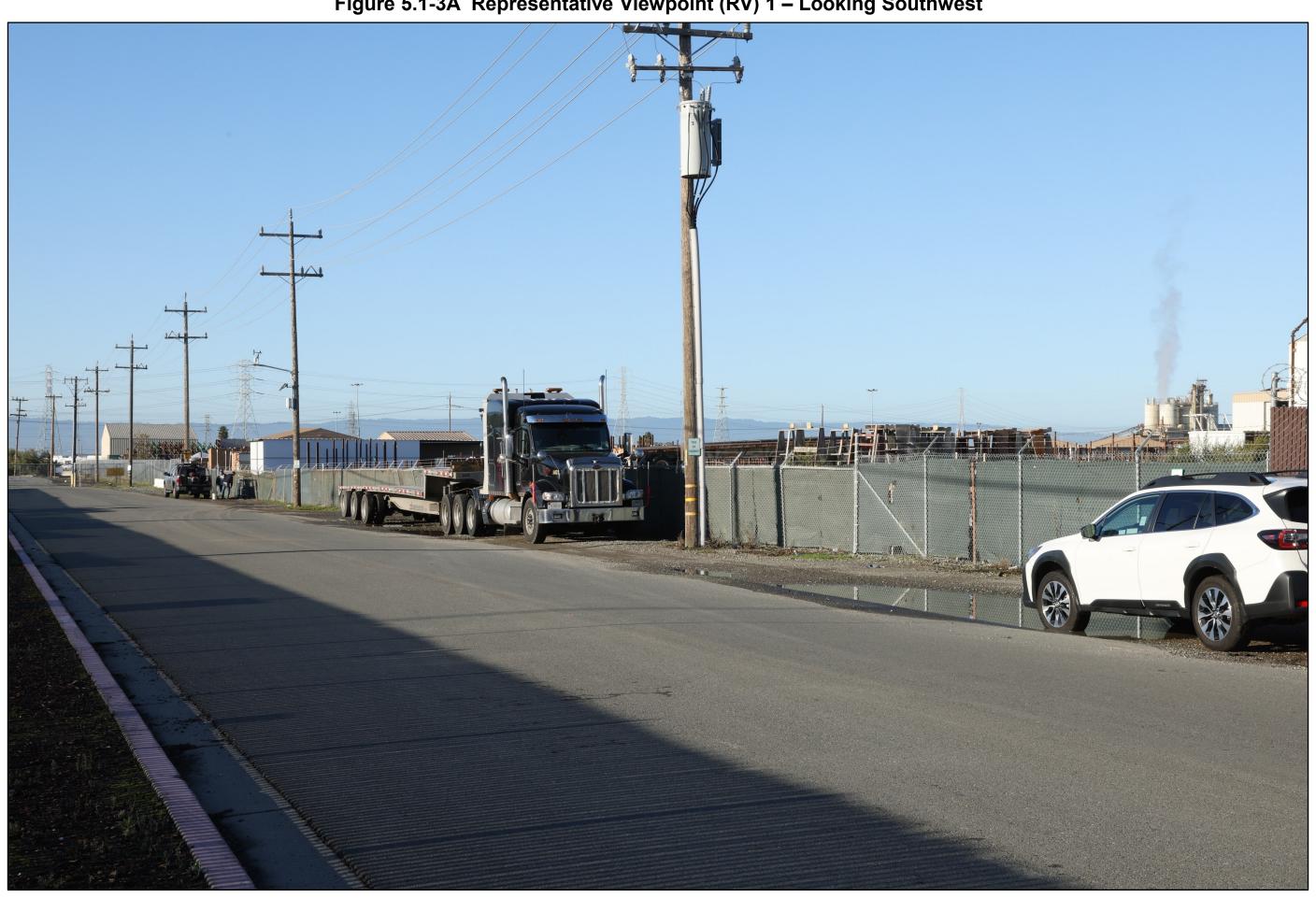


Figure 5.1-3B RV 2 – Looking Southwest





Figure 5.1-3D RV 4 – Looking Southwest

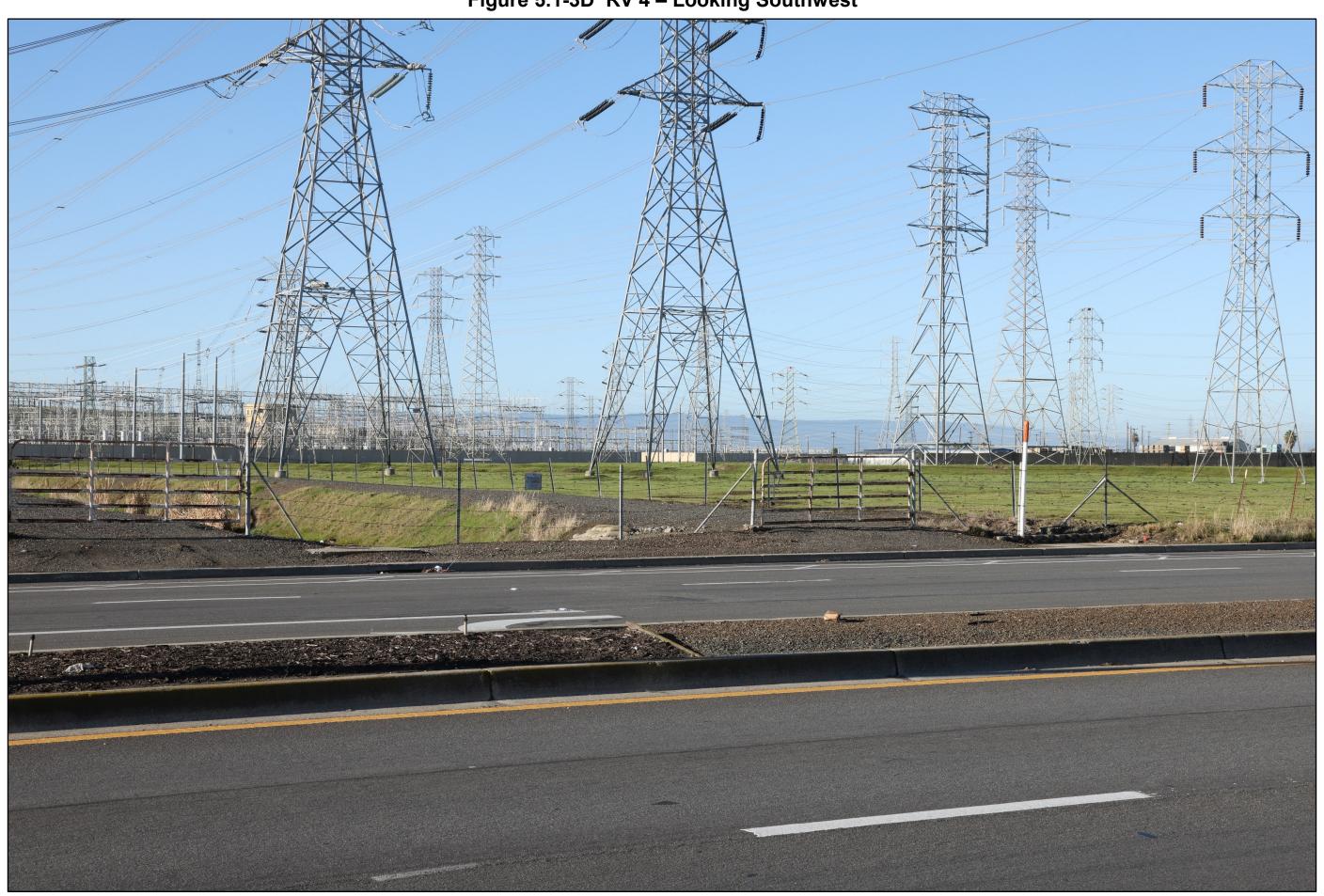


Figure 5.1-3E RV 5 – Looking Northeast



Figure 5.1-3F RV 6 – Looking West



Figure 5.1-3G RV 7 – Looking South



Figure 5.1-3H RV 8 – Looking South



Figure 5.1-31 RV 9 – Looking Northwest



Figure 5.1-3J RV 10 – Looking Northwest



Figure 5.1-3K RV 11 – Looking West





Figure 5.1-3M RV 13 – Looking Northwest



Figure 5.1-3N RV 14 – Looking Northeast



Figure 5.1-30 RV 15 – Looking Northwest



Figure 5.1-3P RV 16 – Looking Northeast



Figure 5.1-3Q RV 17 – Looking Southeast



Figure 5.1-3R RV 18 – Looking Northwest



Figure 5.1-3S RV 19 – Looking Southeast



Figure 5.1-3T RV 20 – Looking Southeast



Figure 5.1-3U RV 21 – Looking North



Figure 5.1-3V RV 22 – Looking Southeast



Figure 5.1-3W RV 23 – Looking North



Figure 5.1-3X RV 24 – Looking Northeast





Figure 5.1-3Z RV 26 – Looking Northwest



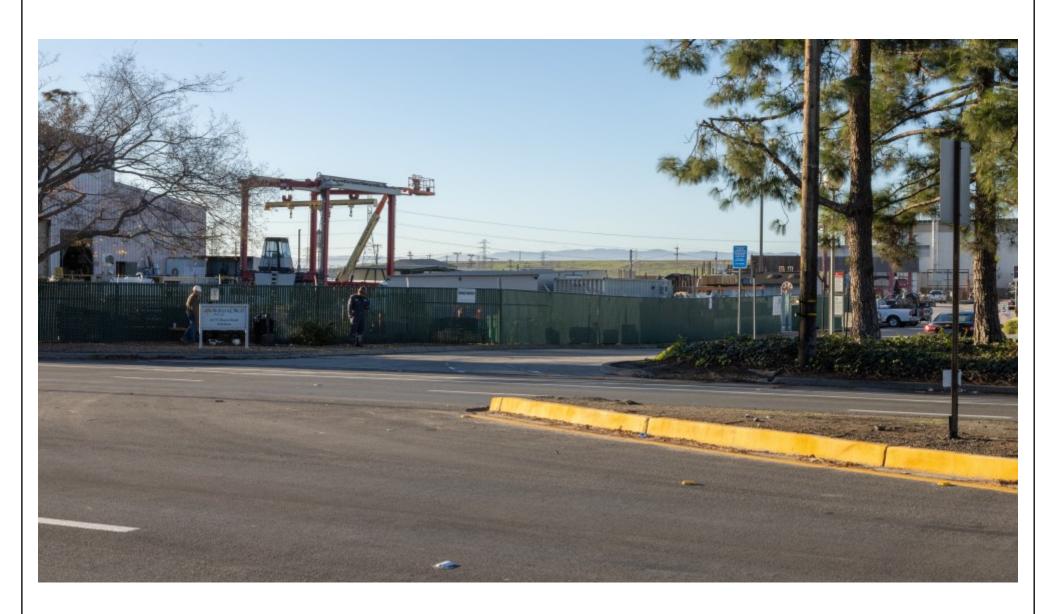




Figure 5.1-3AC RV 29 – Looking Northwest



Figure 5.1-4 Existing View and Visual Simulation from KOP 1



Visual Simulation



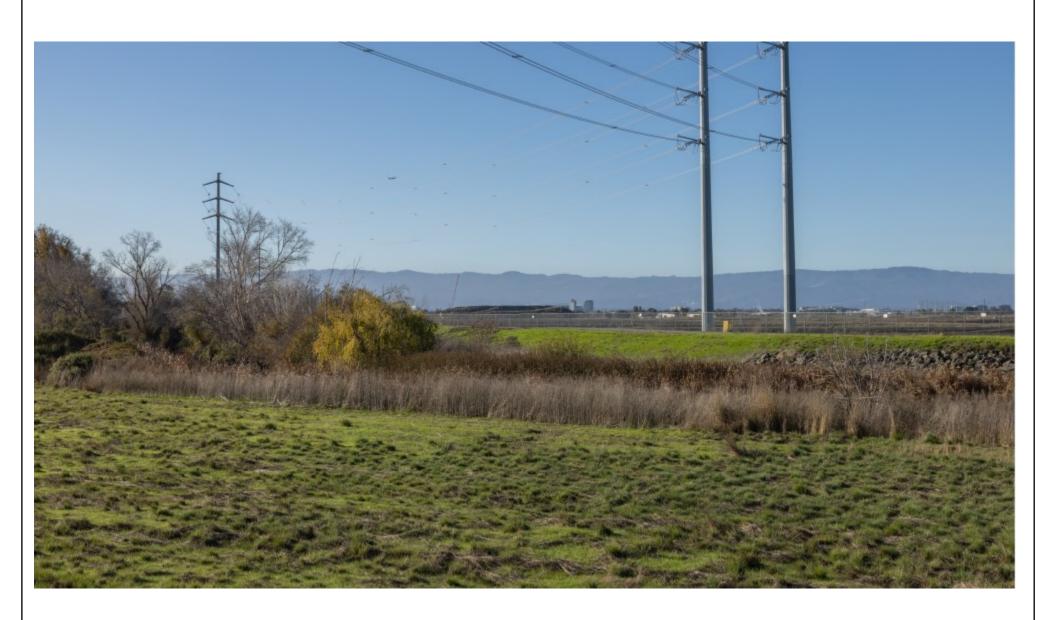
Figure 5.1-5 Existing View and Visual Simulation from KOP 2



Visual Simulation



Figure 5.1-6 Existing View and Visual Simulation from KOP 3



Visual Simulation

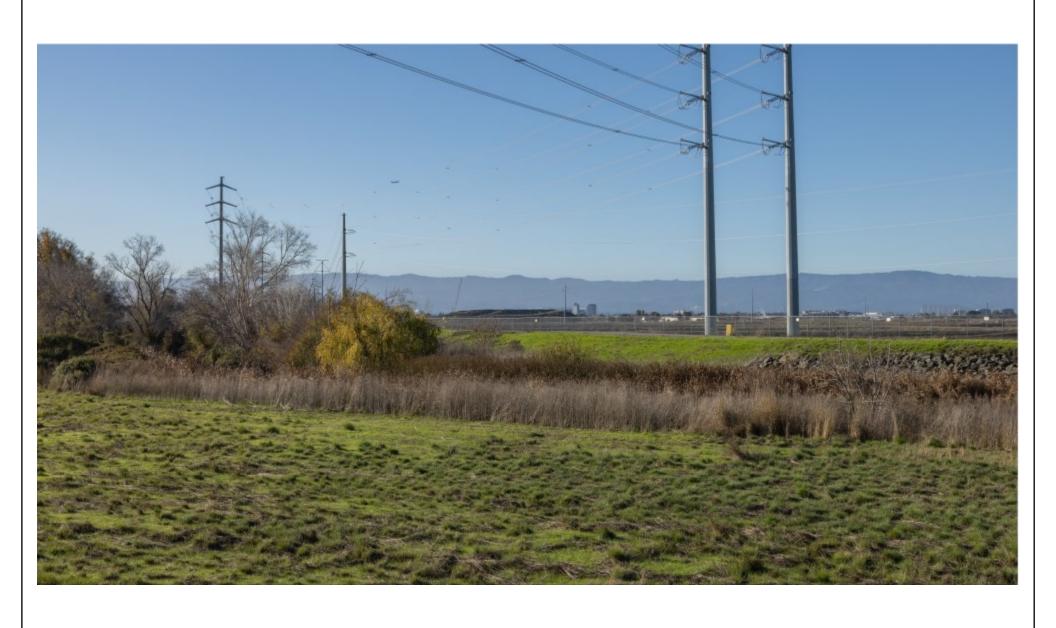


Figure 5.1-7 Existing View and Visual Simulation from KOP 4



Visual Simulation

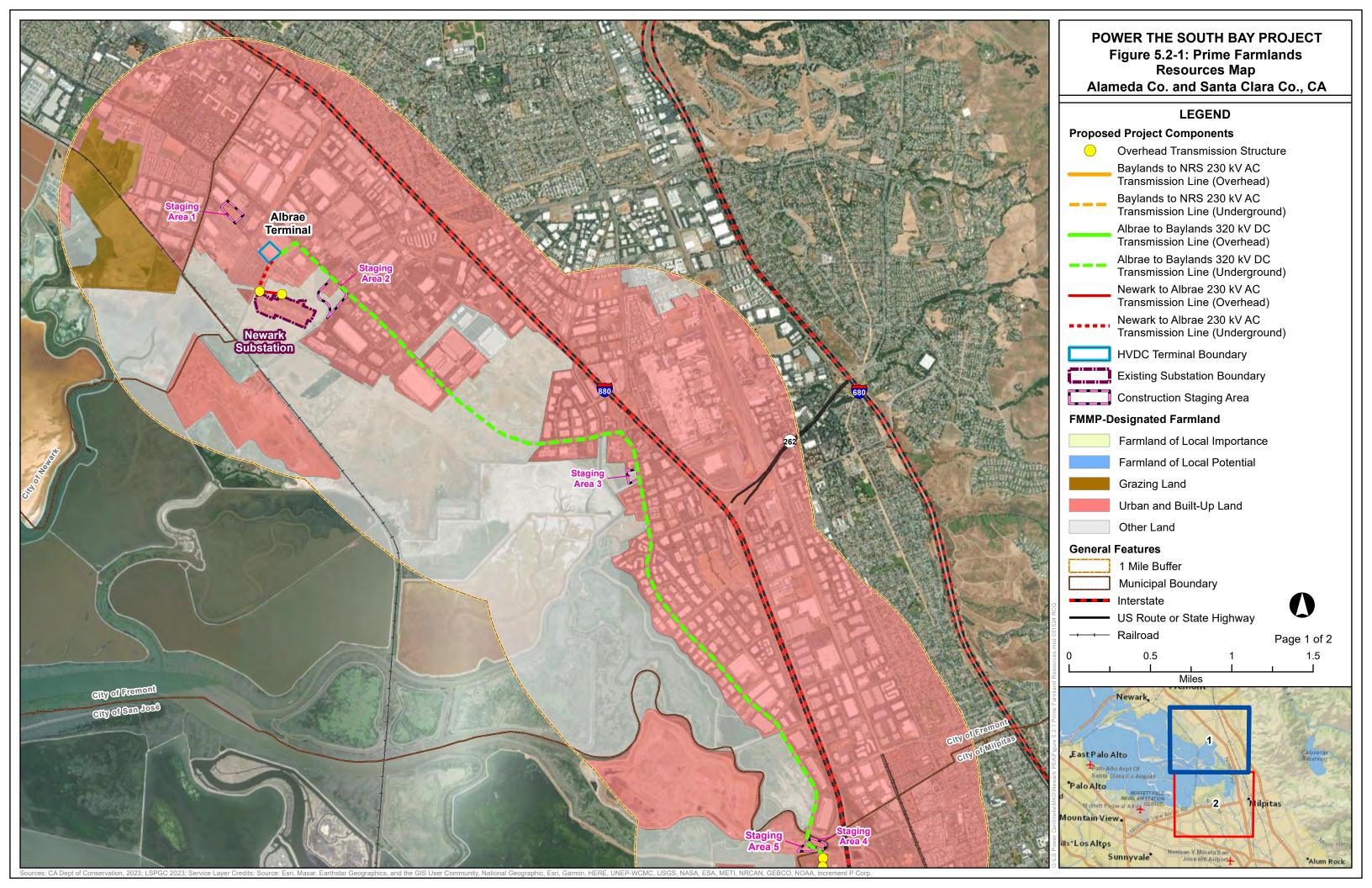


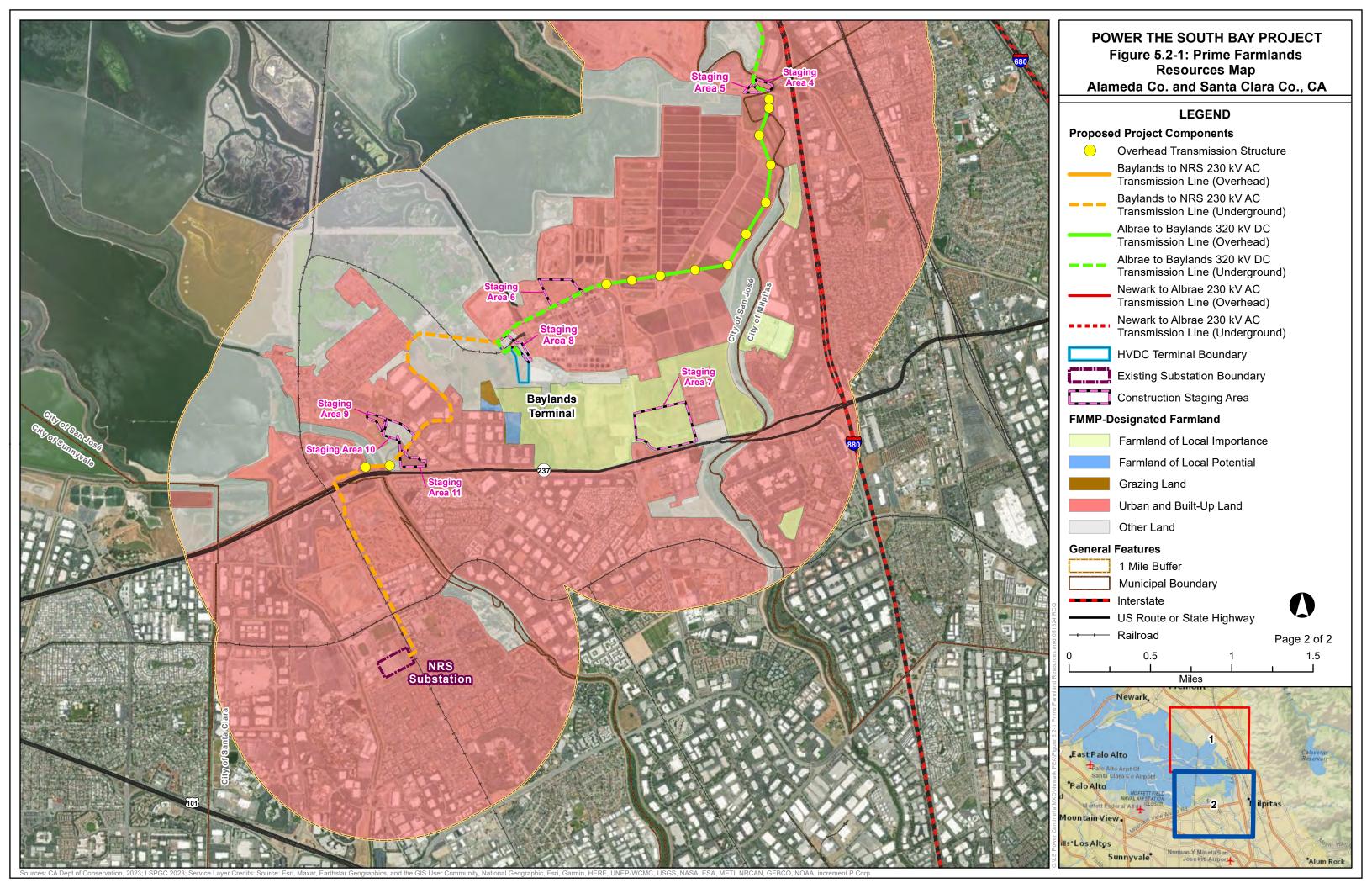
Figure 5.1-8 Existing View and Visual Simulation from KOP 5

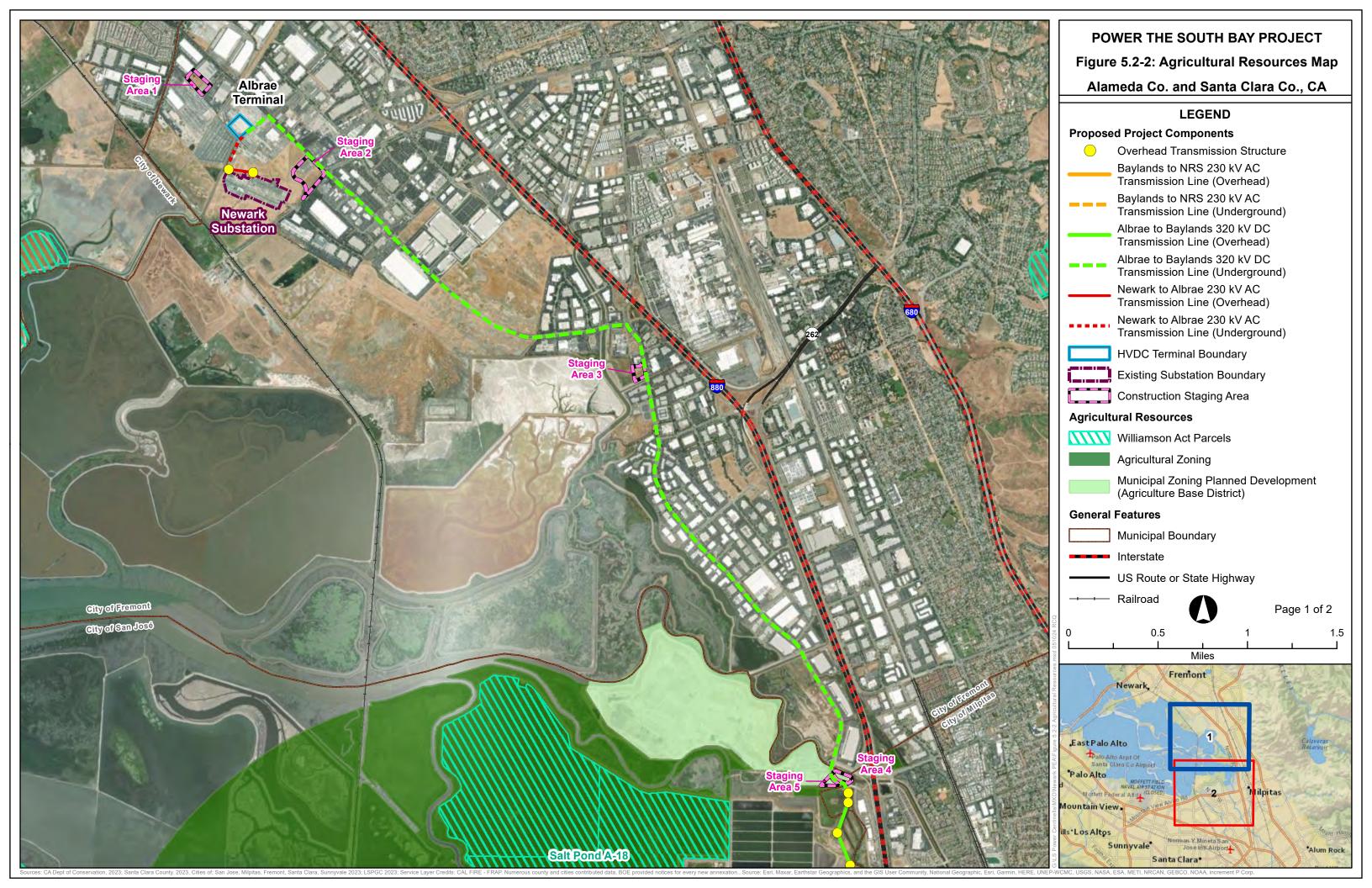


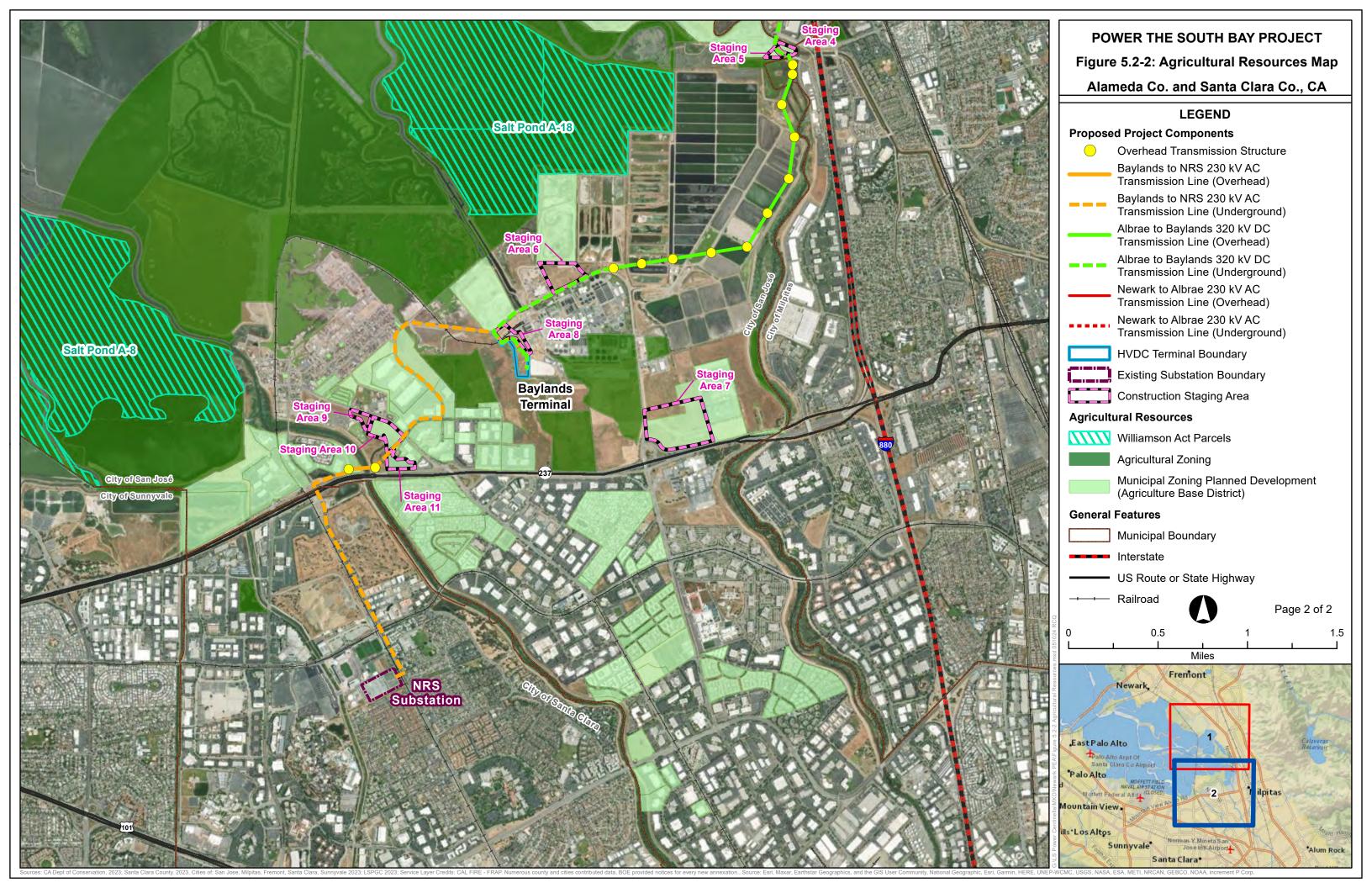
Visual Simulation

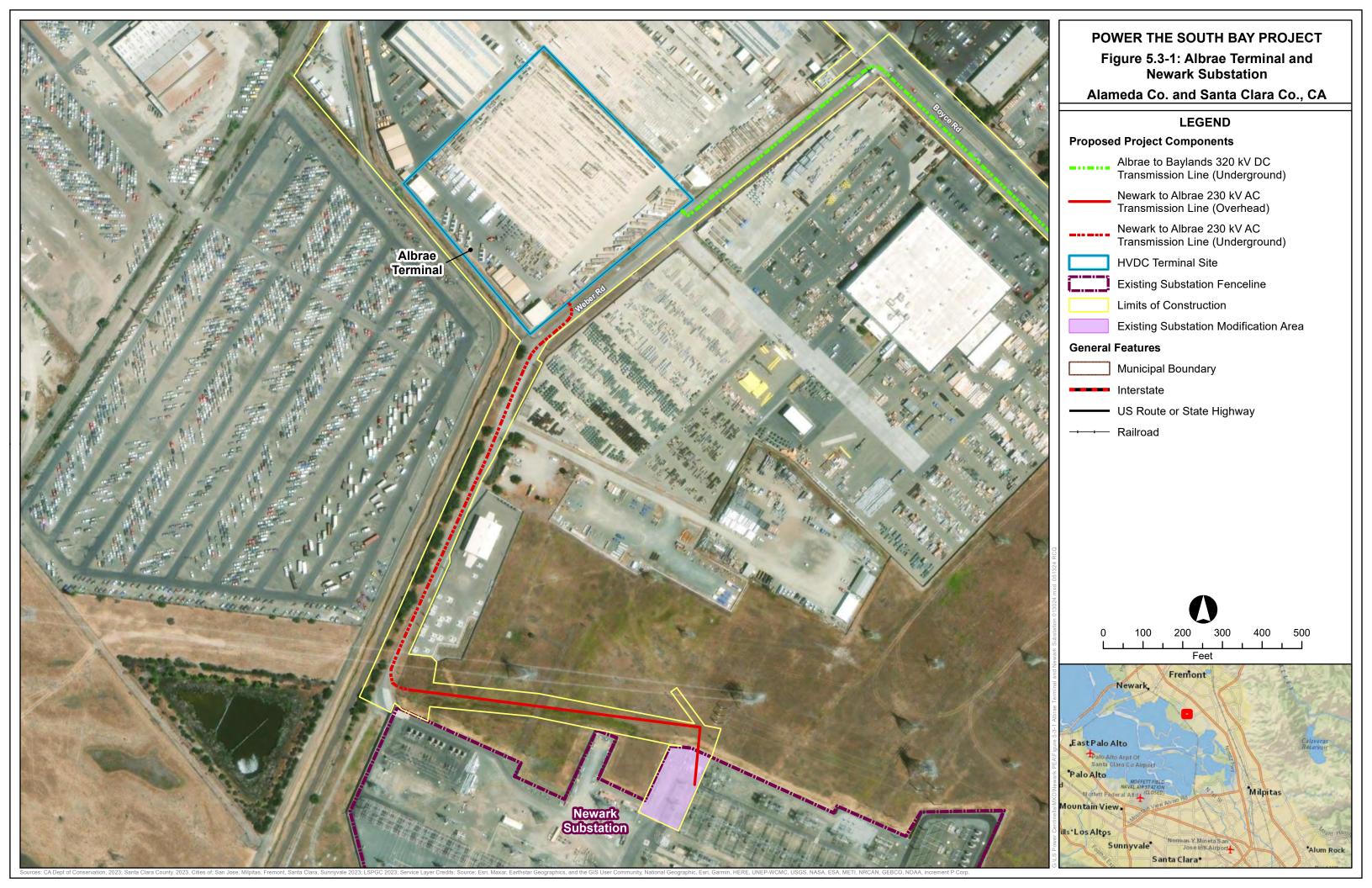


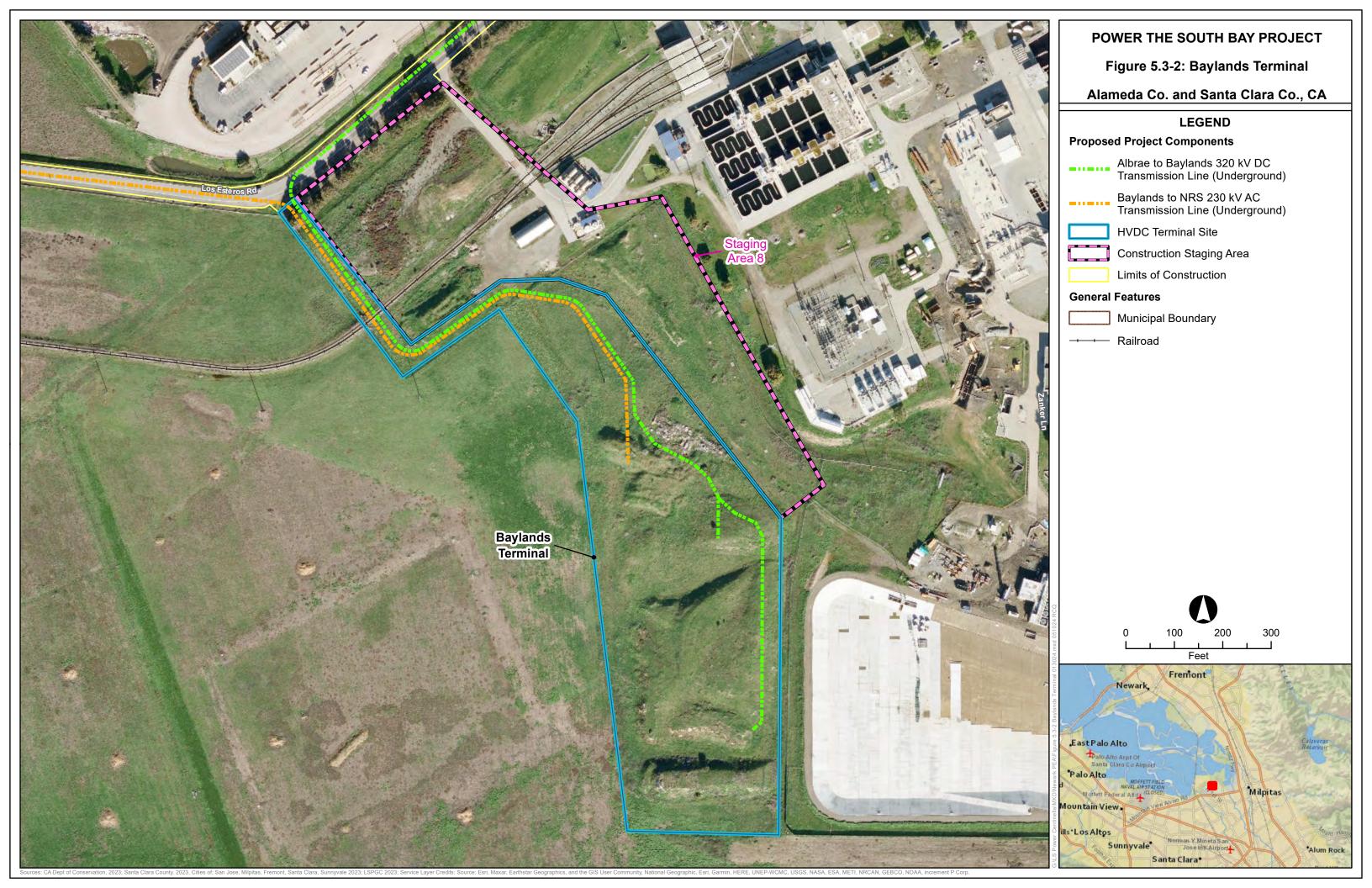


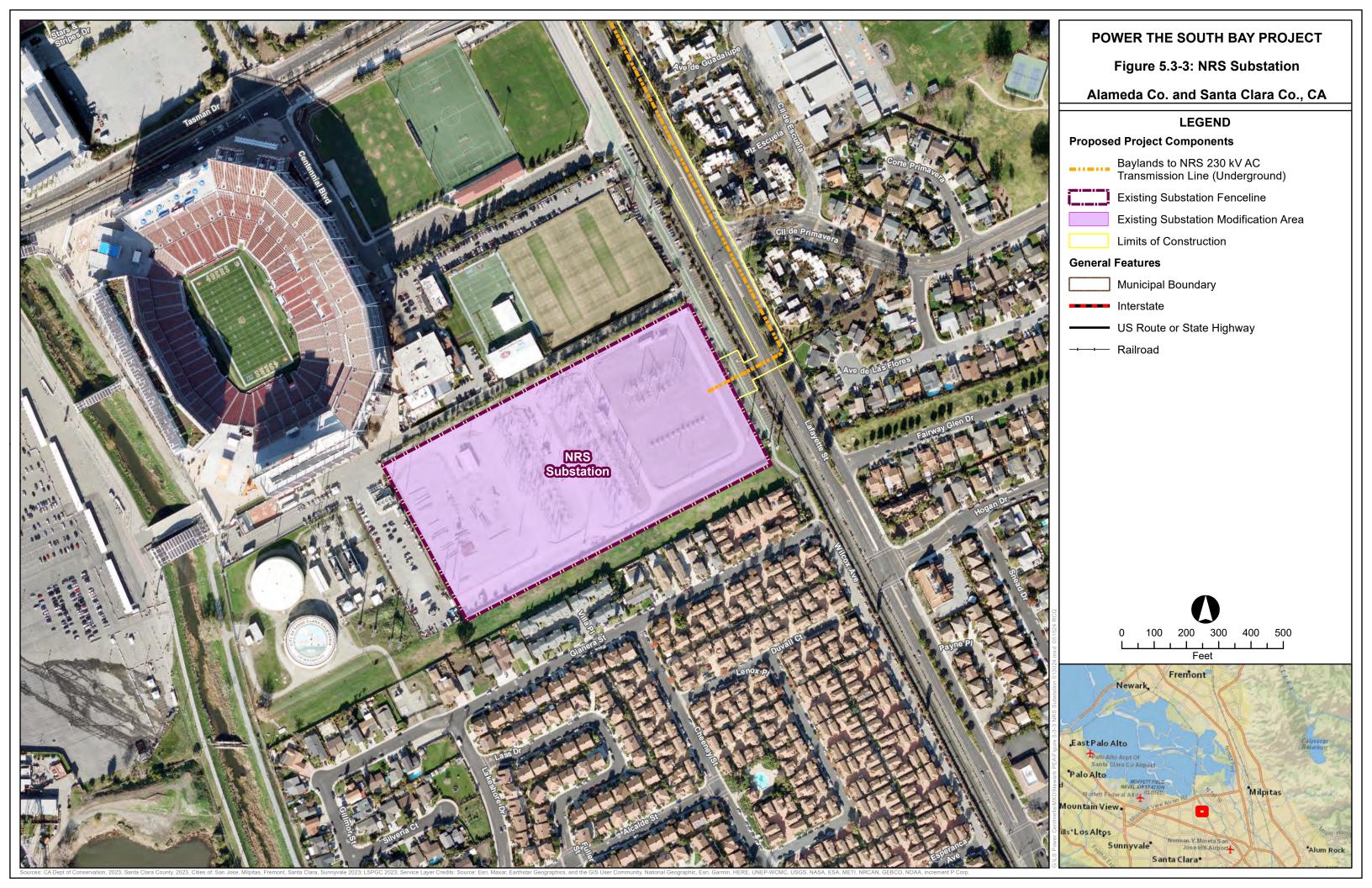


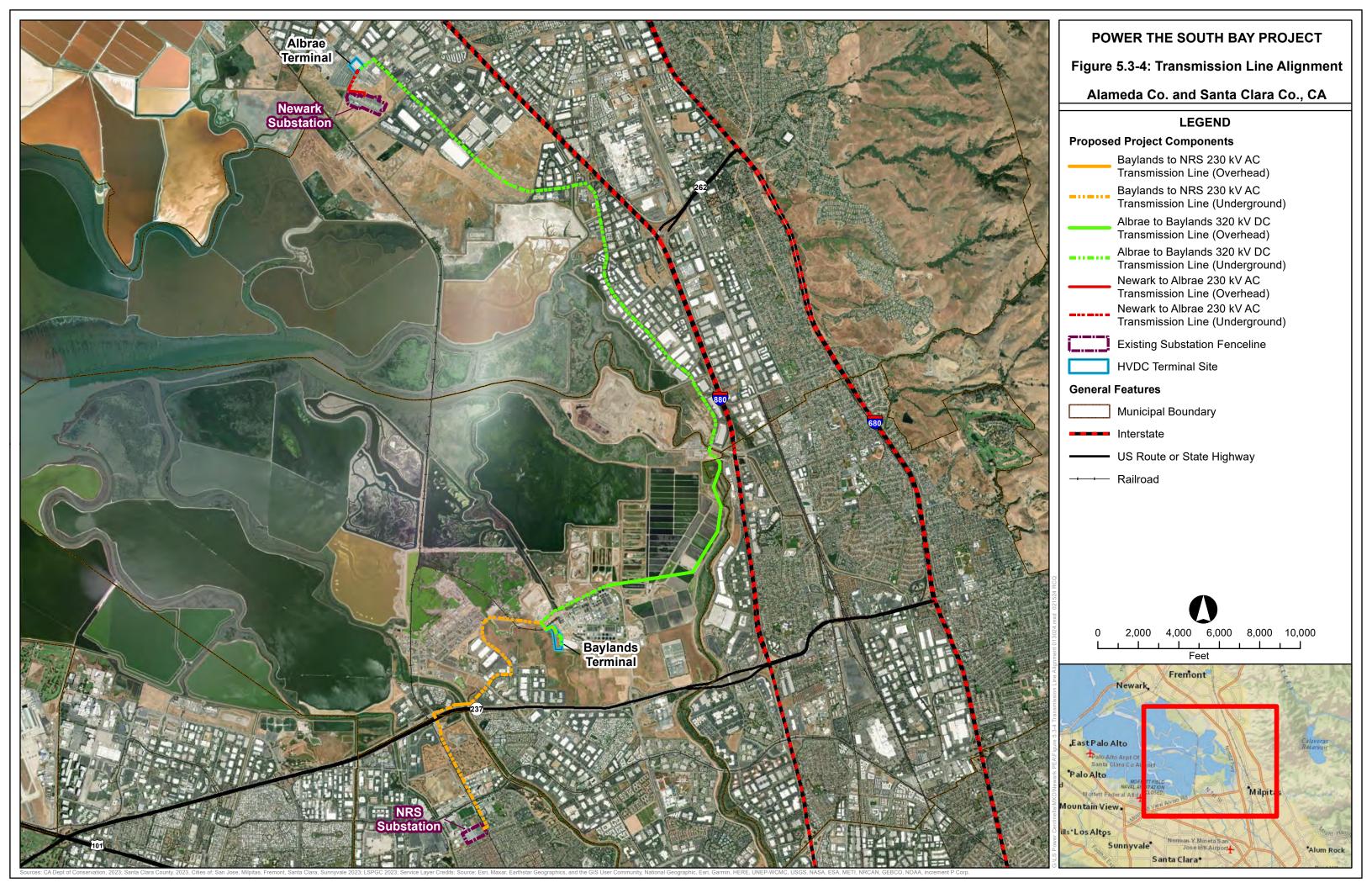


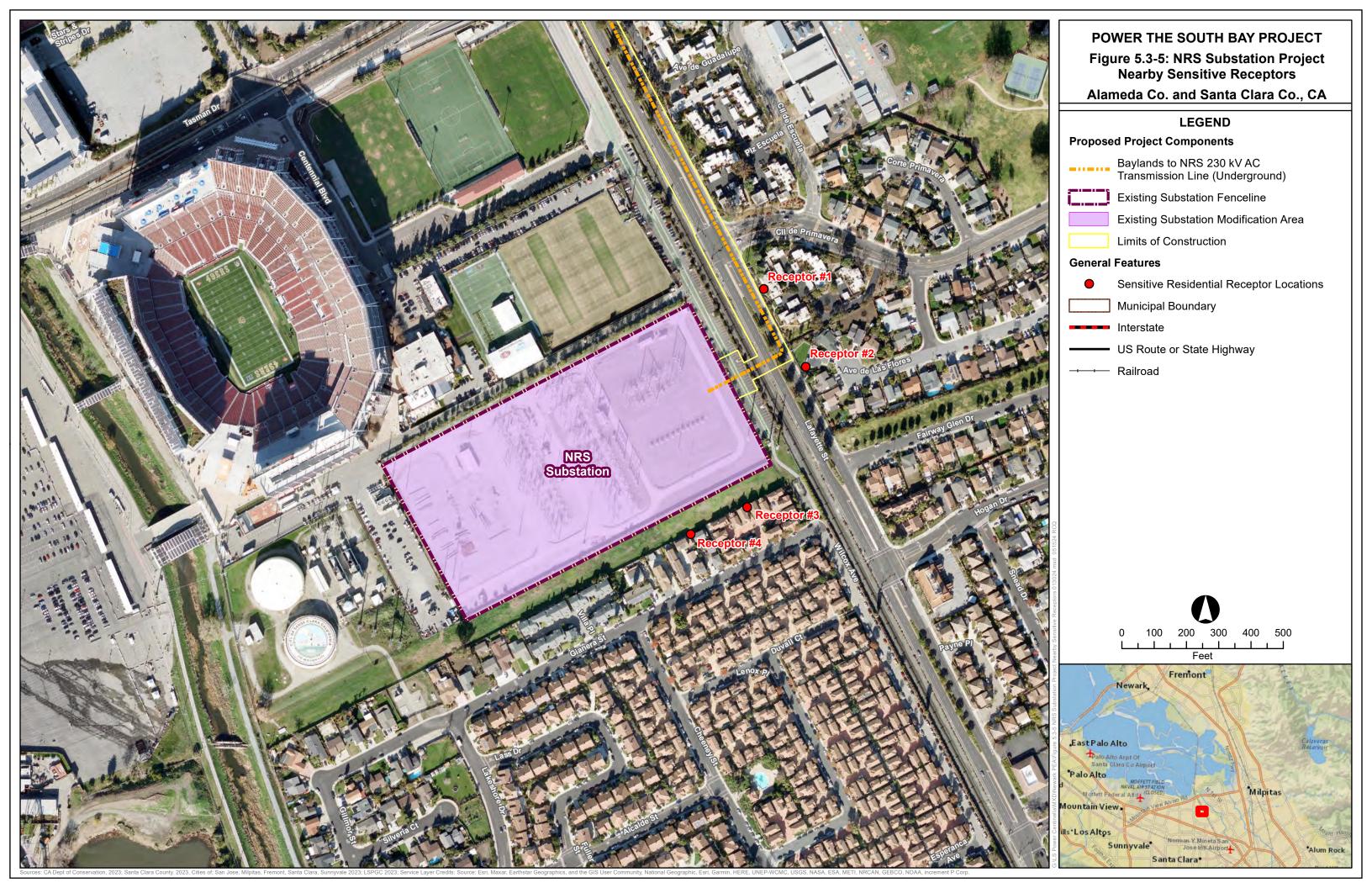


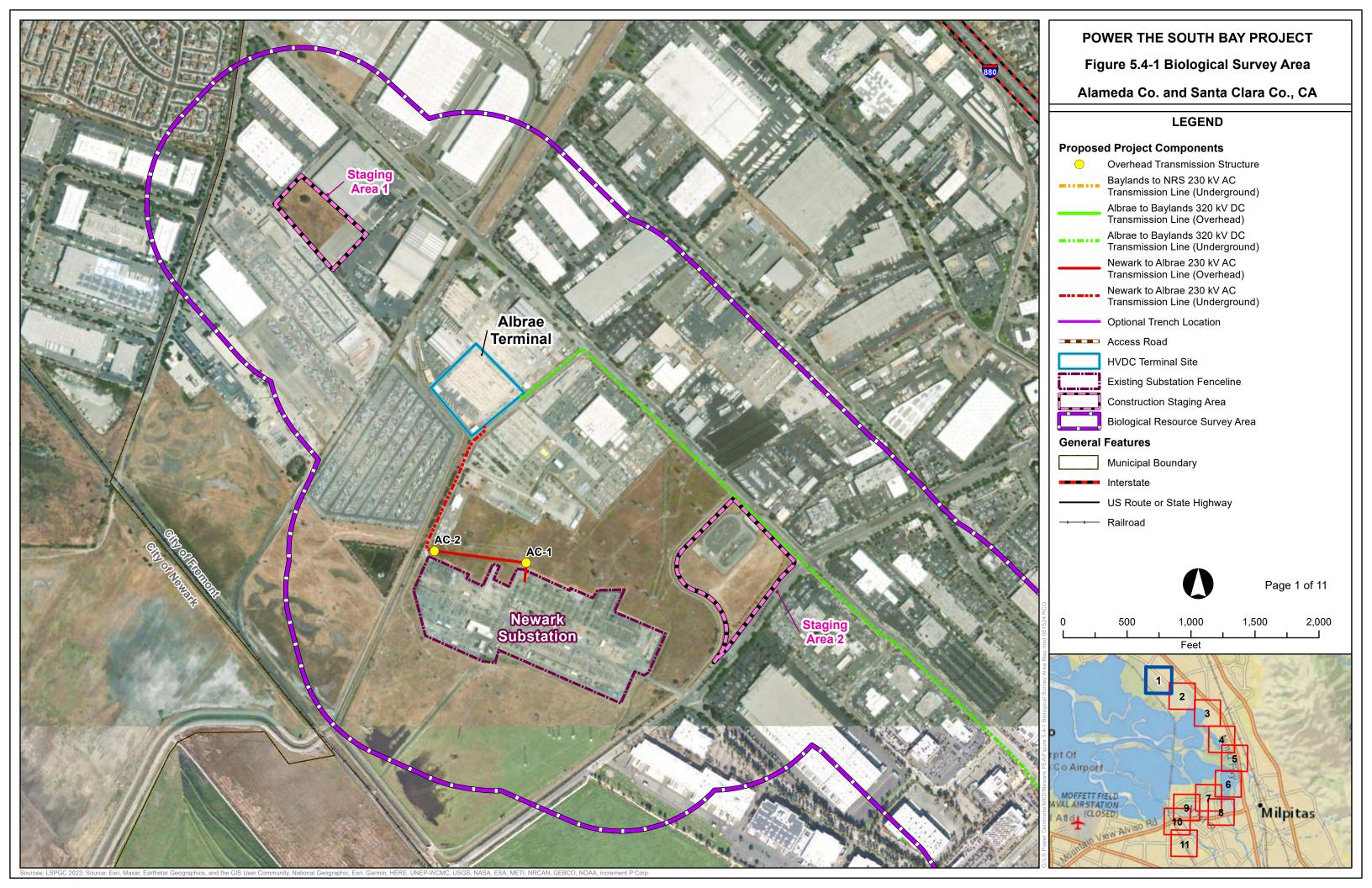


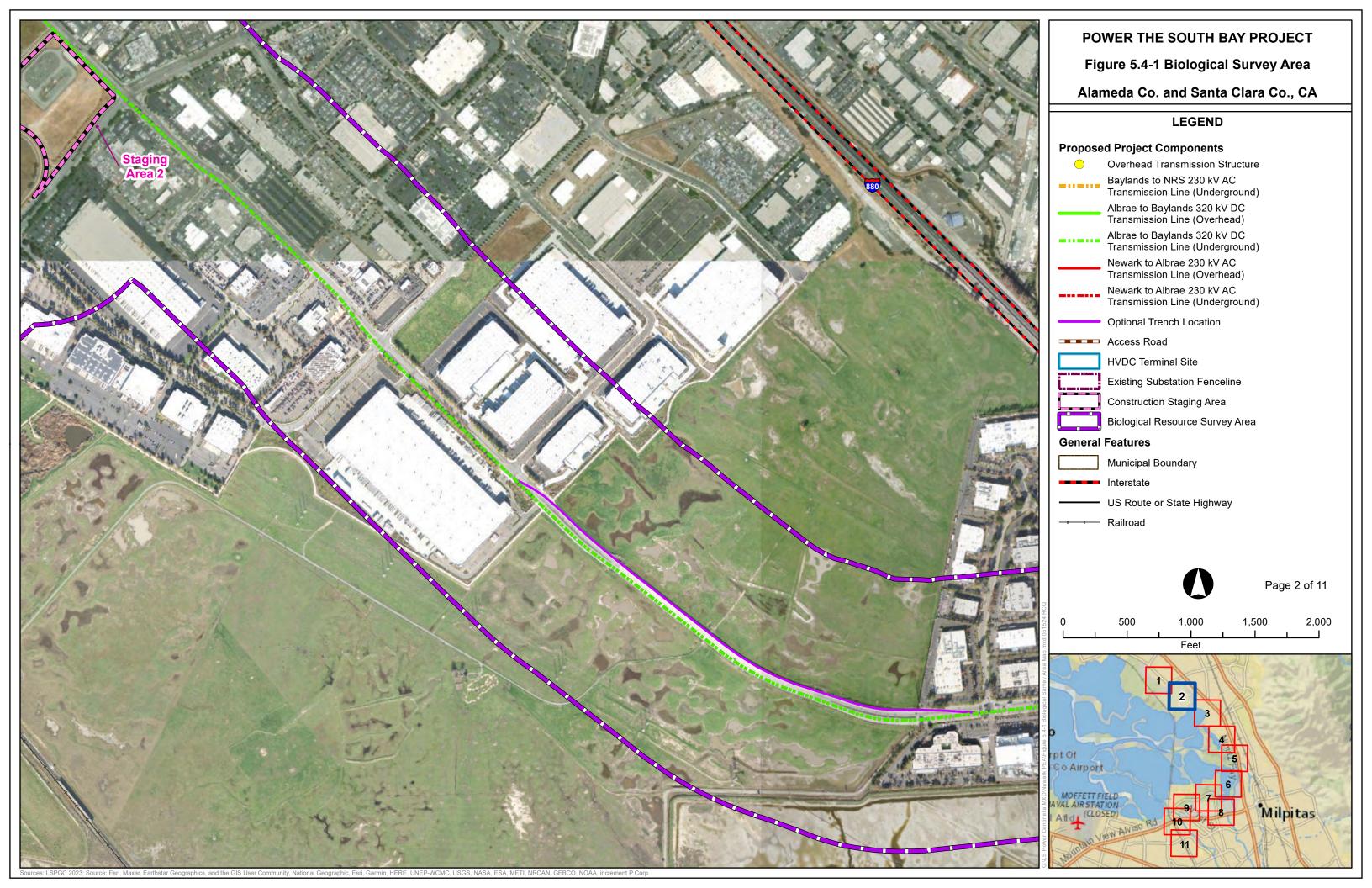


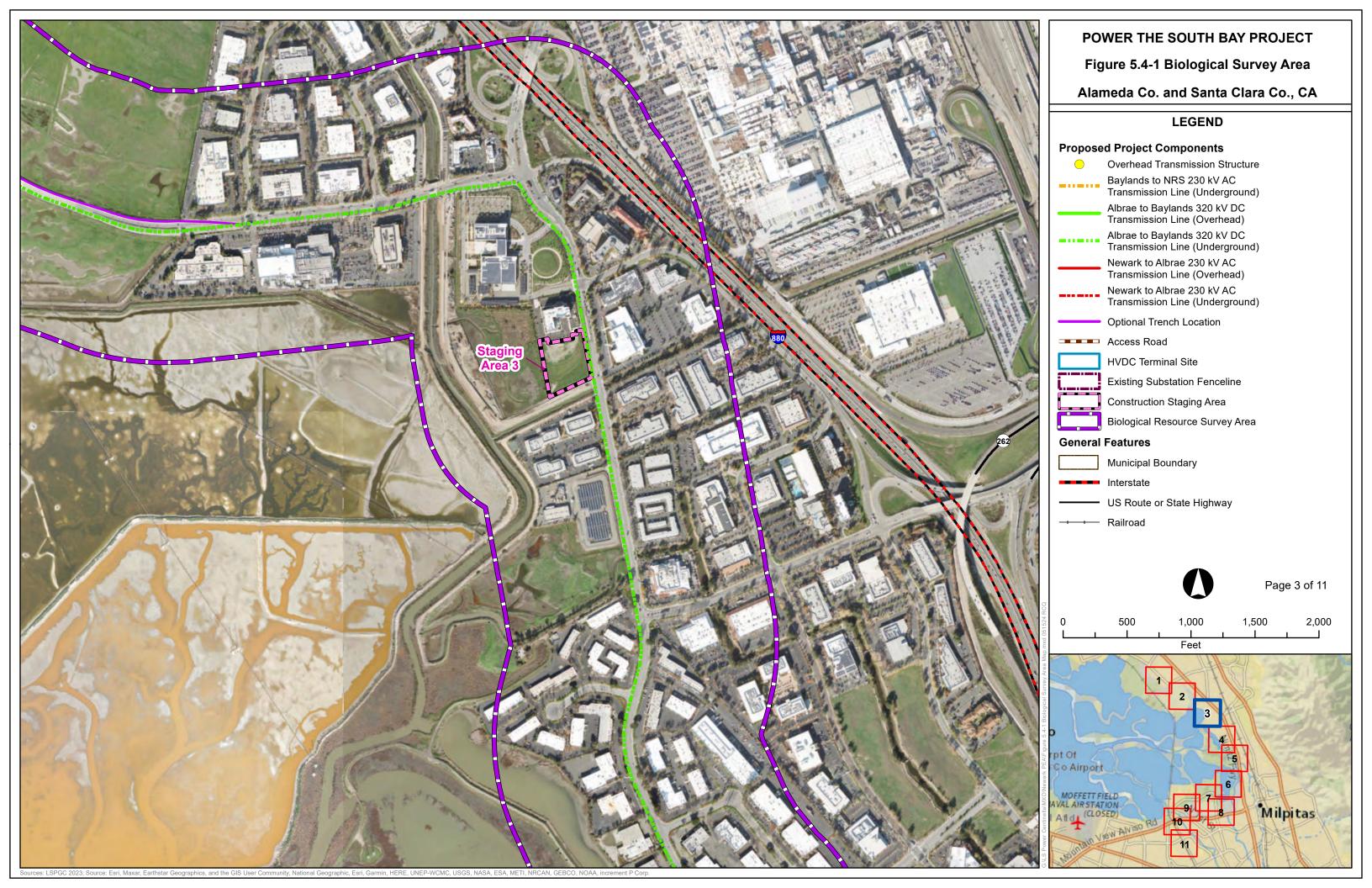


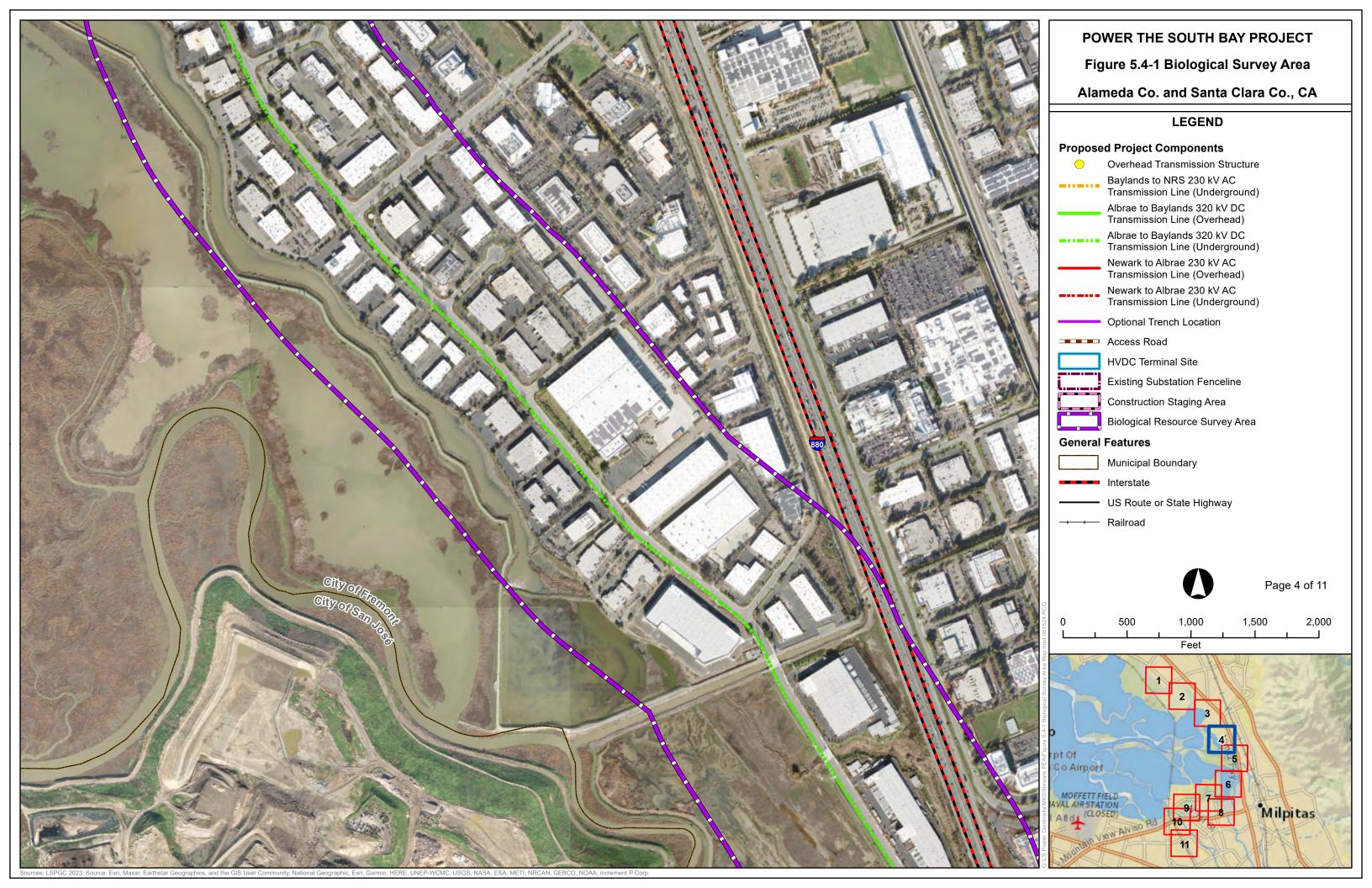


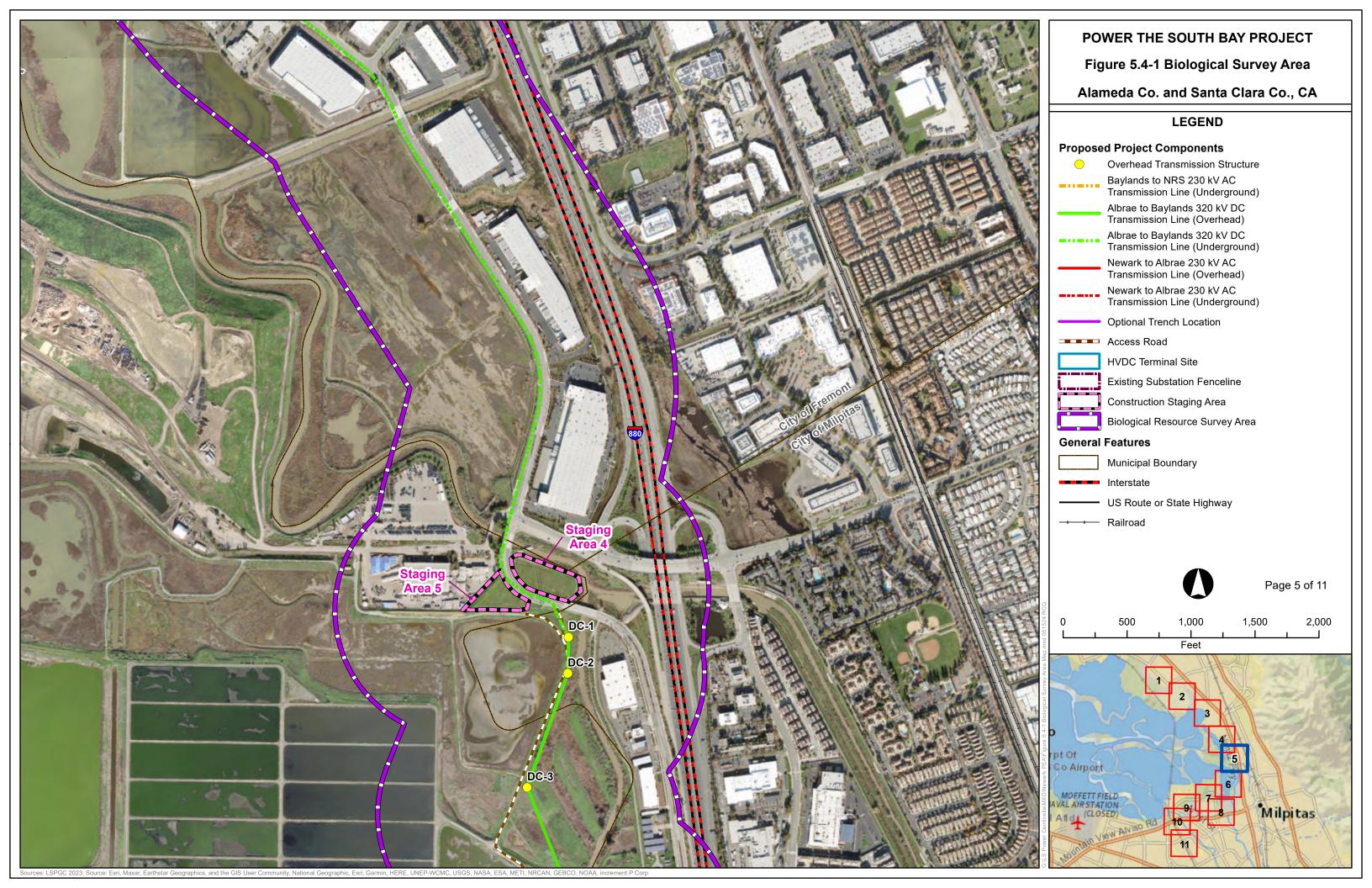


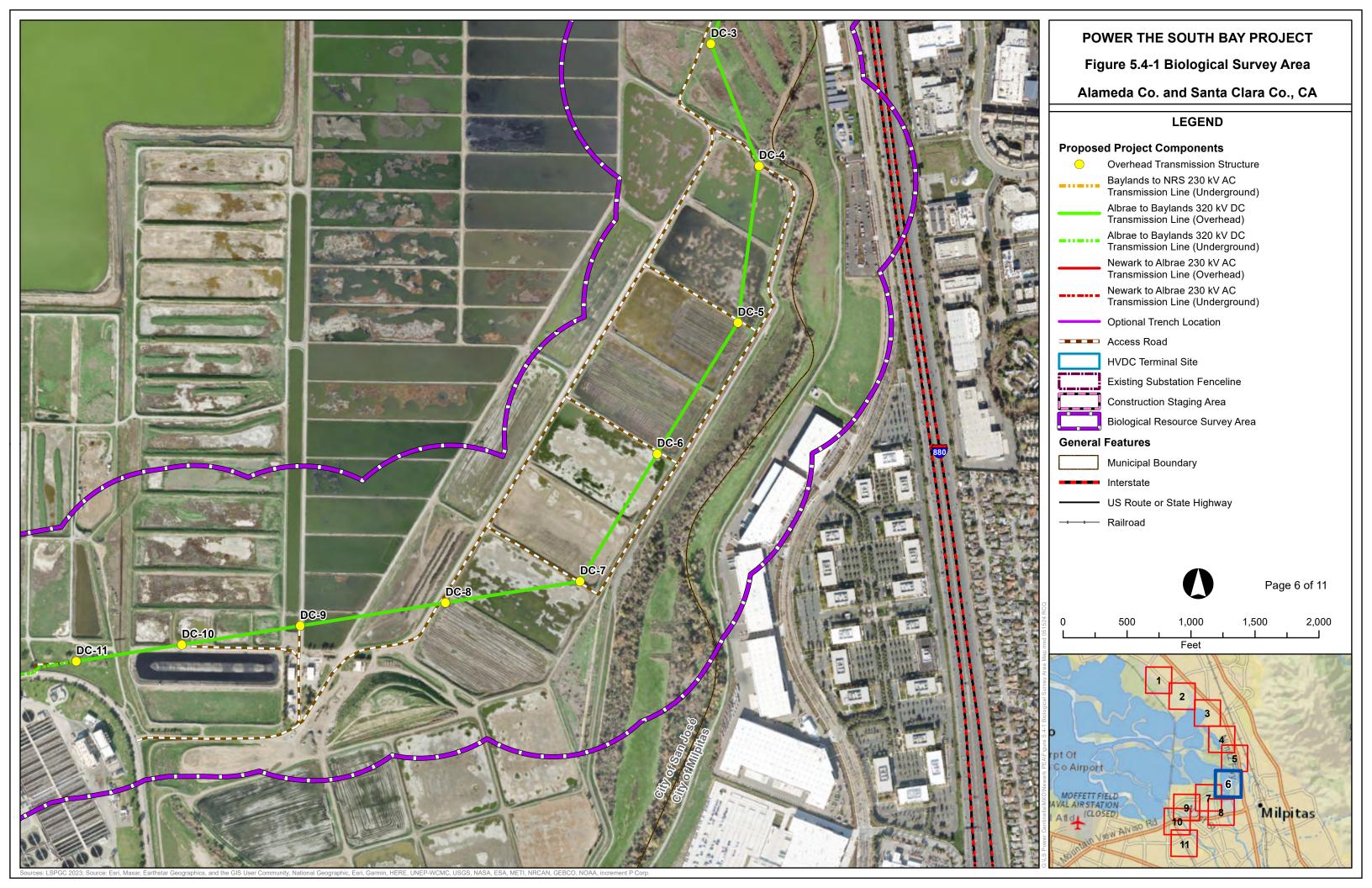


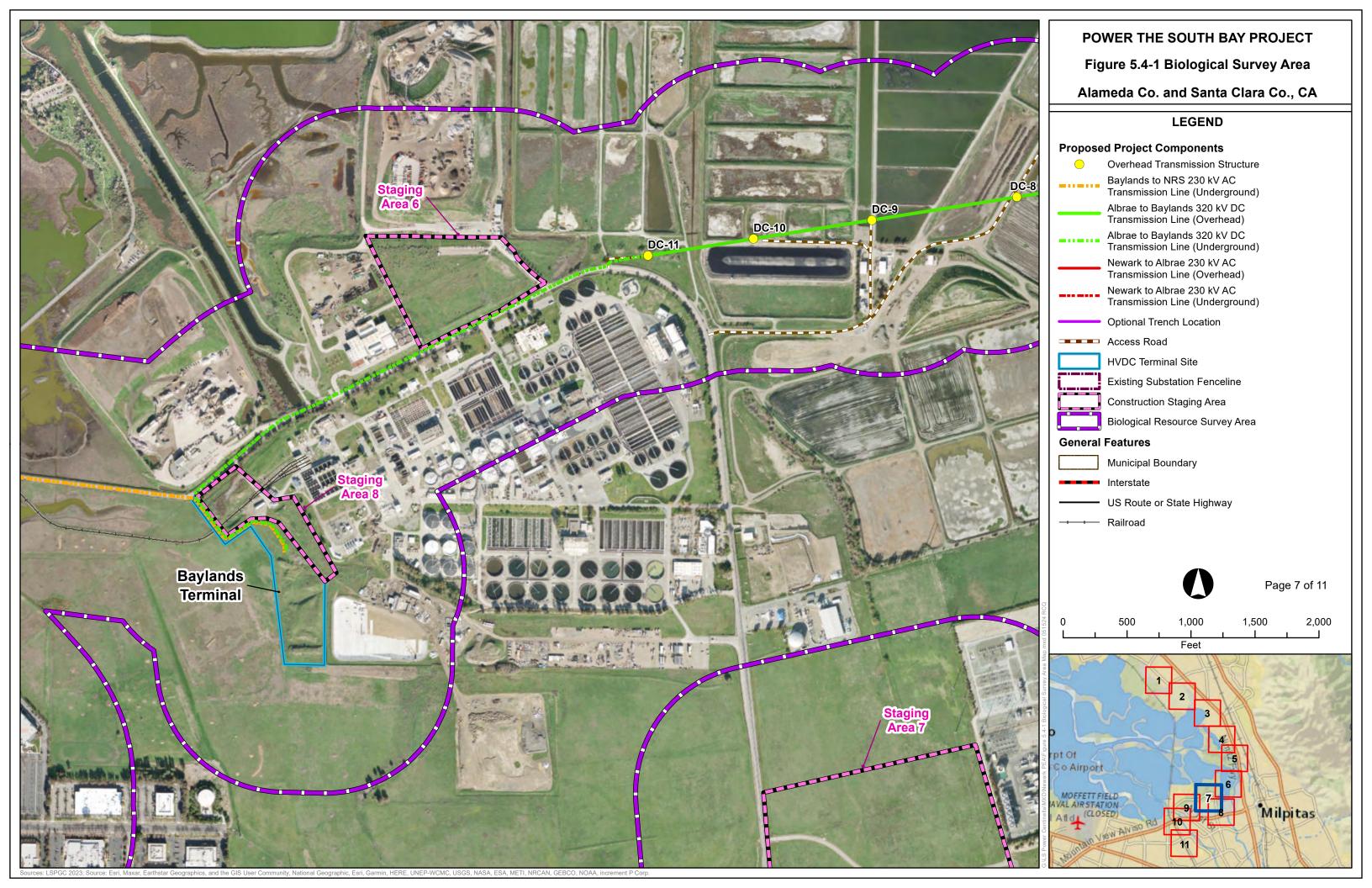


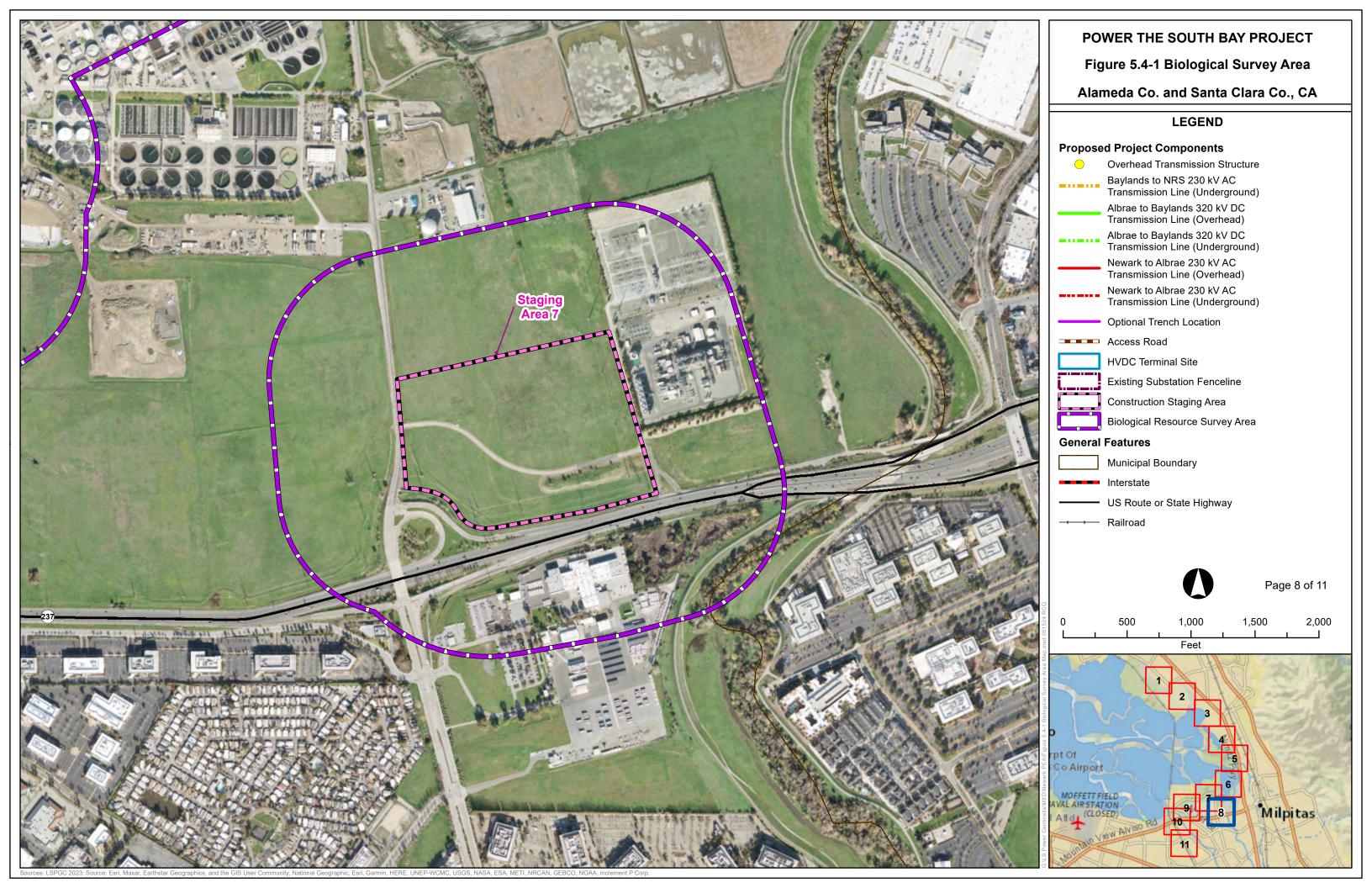


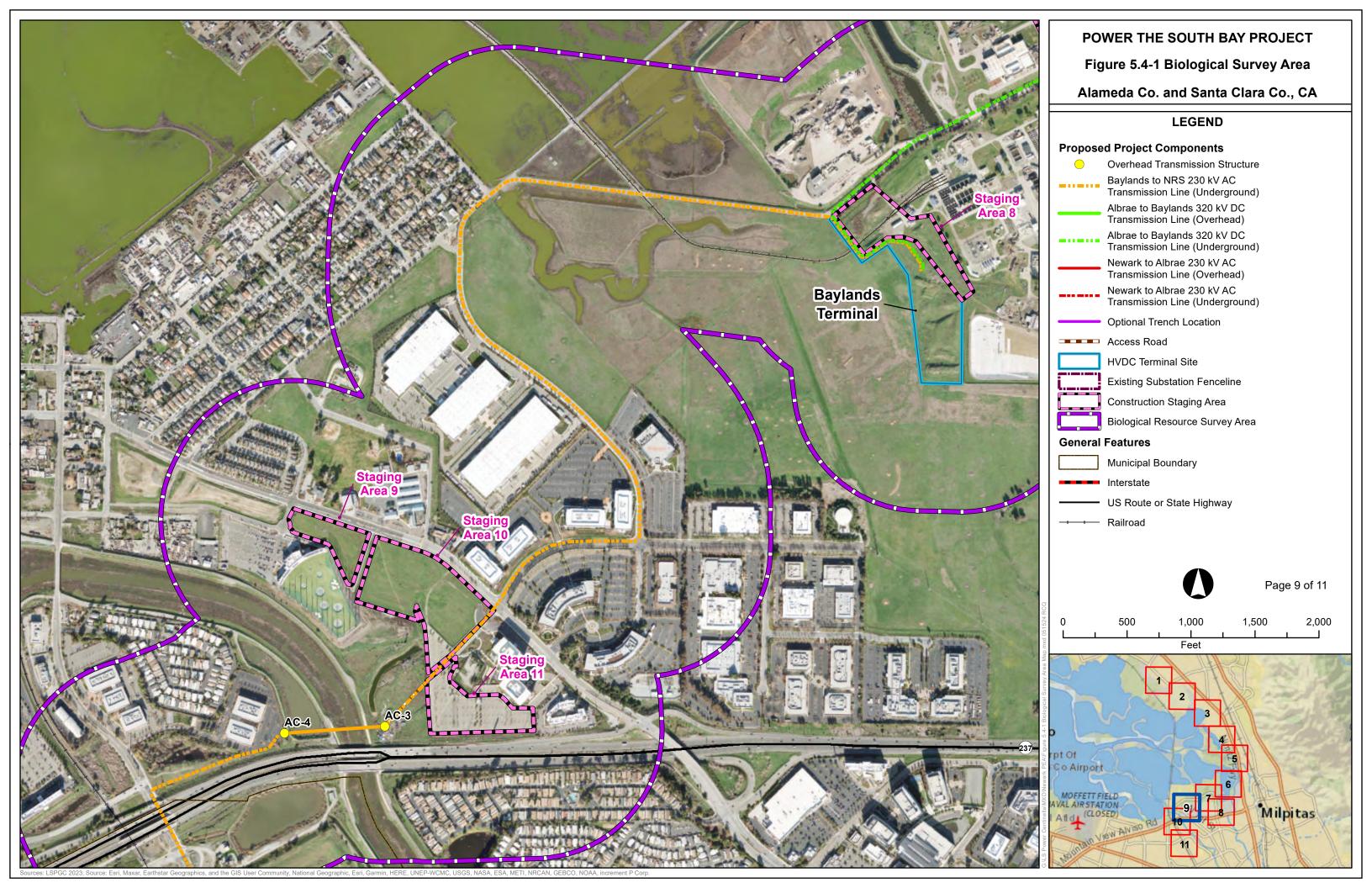


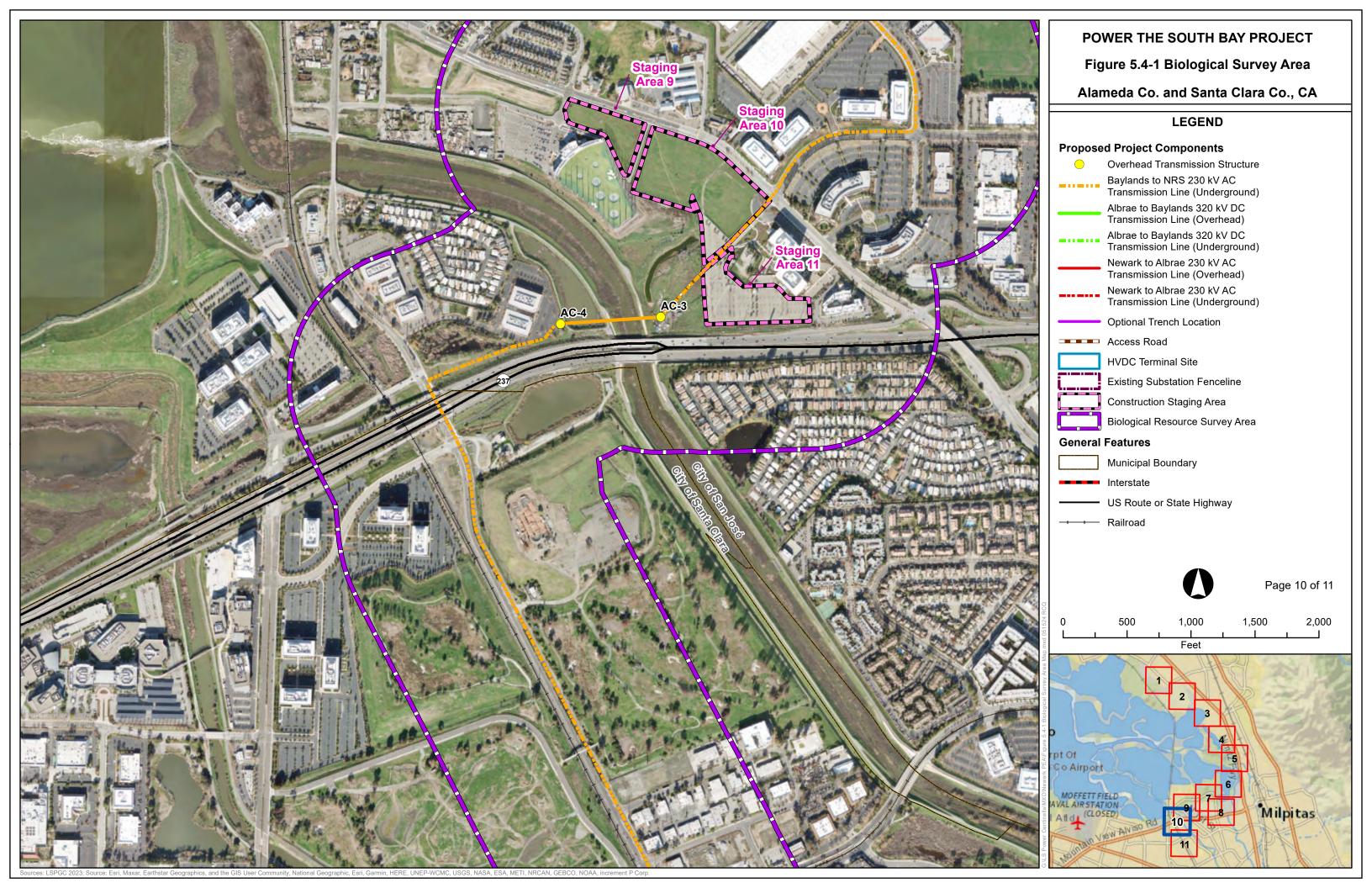


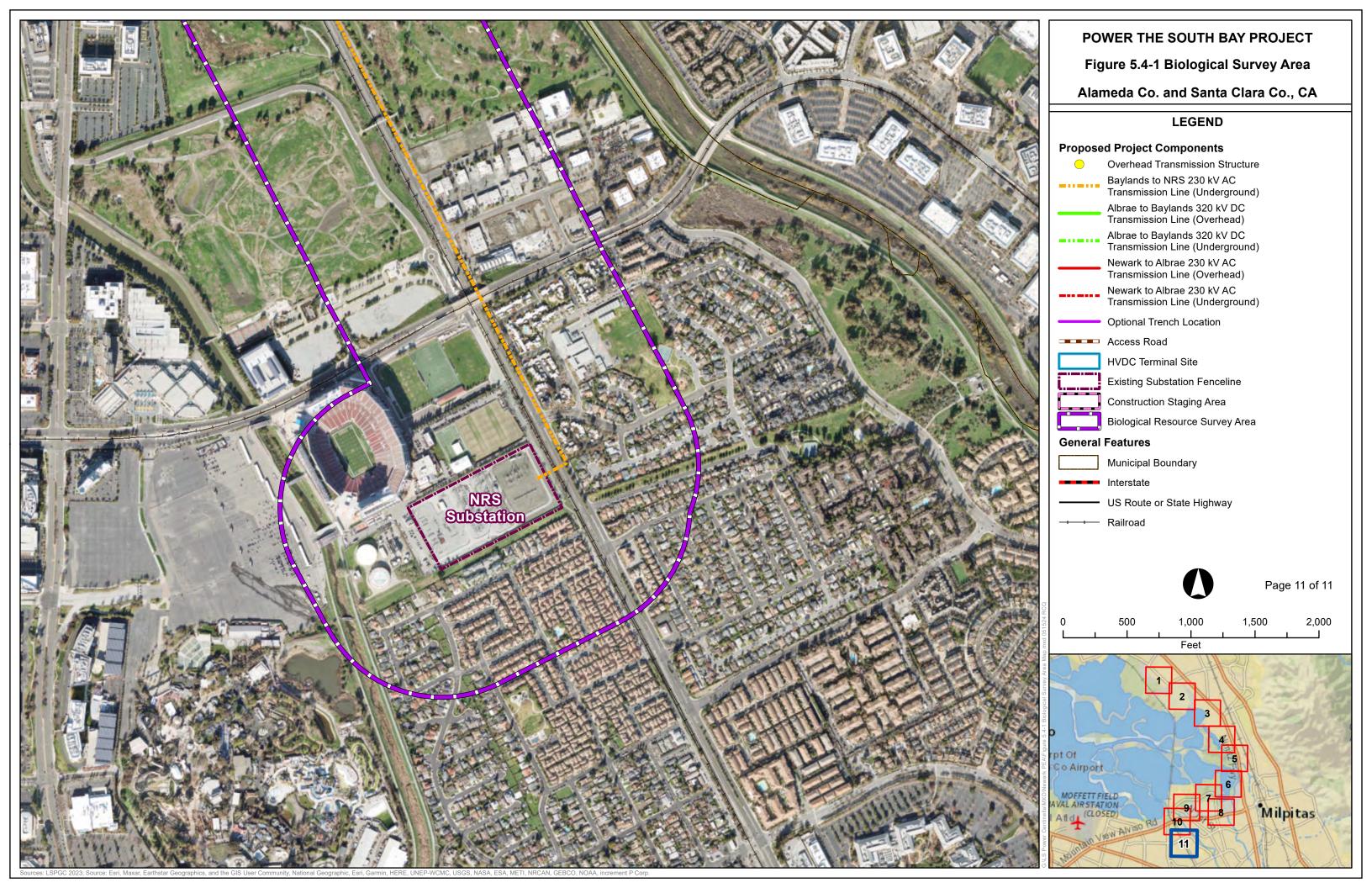


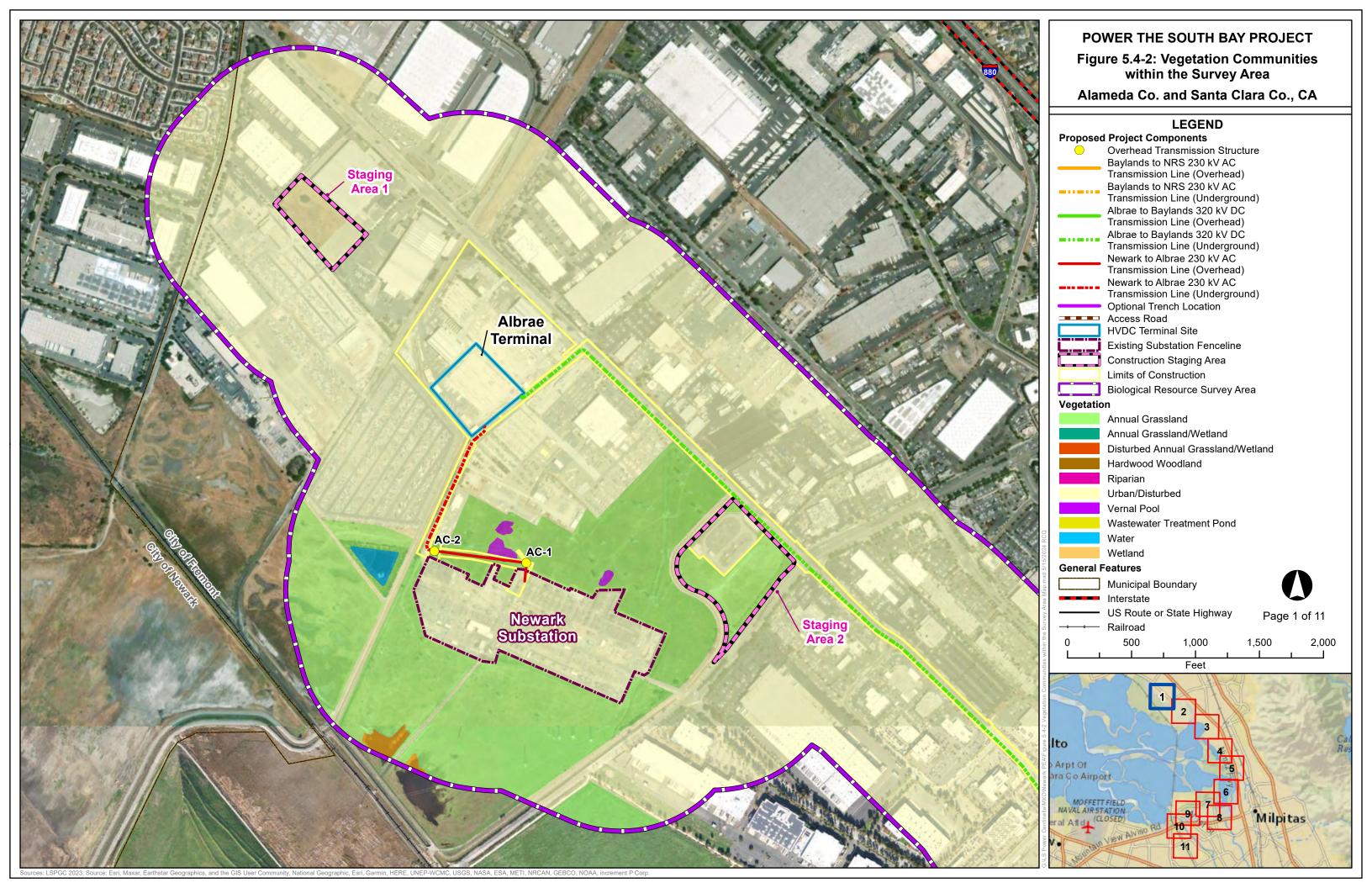


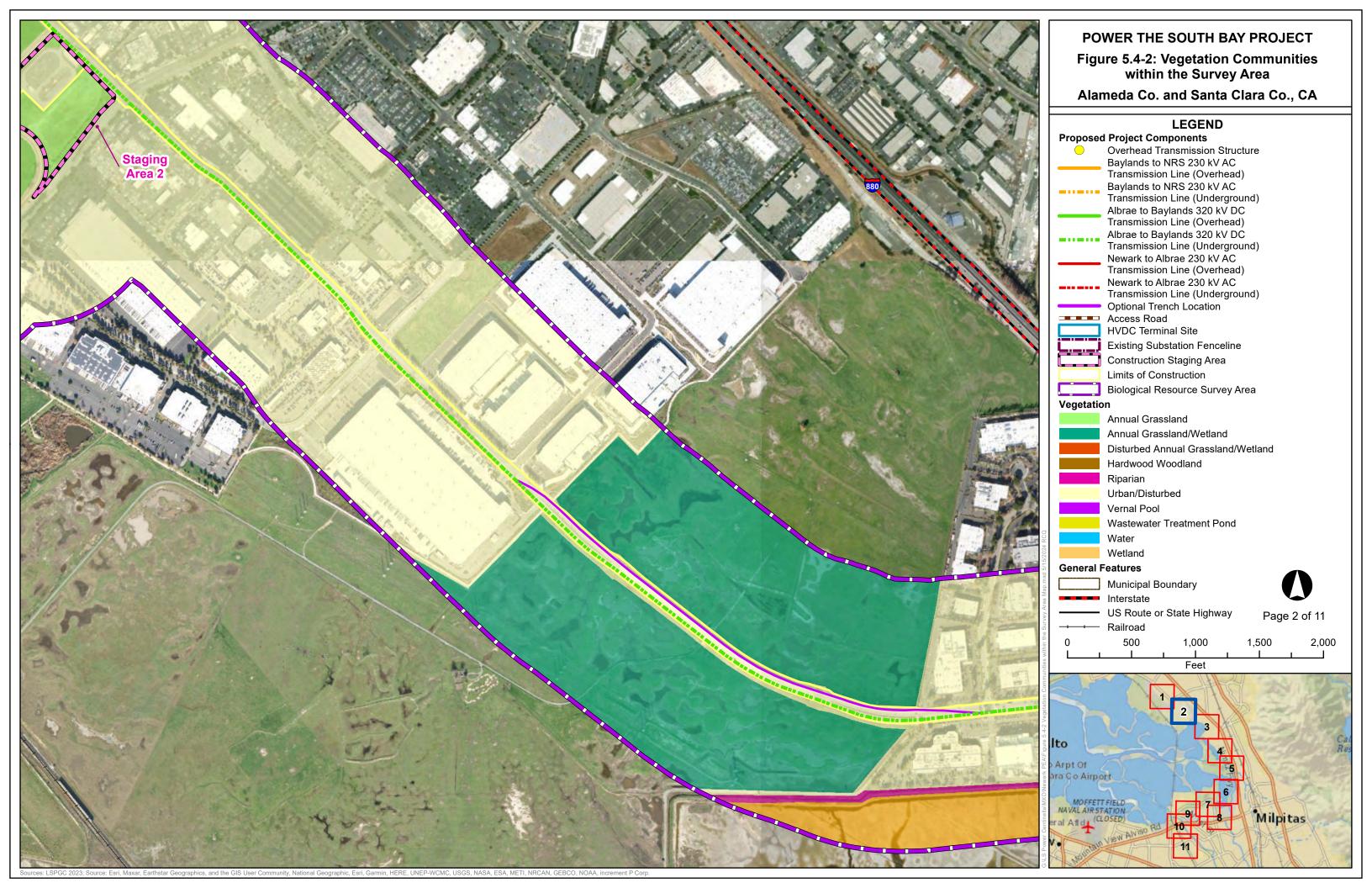


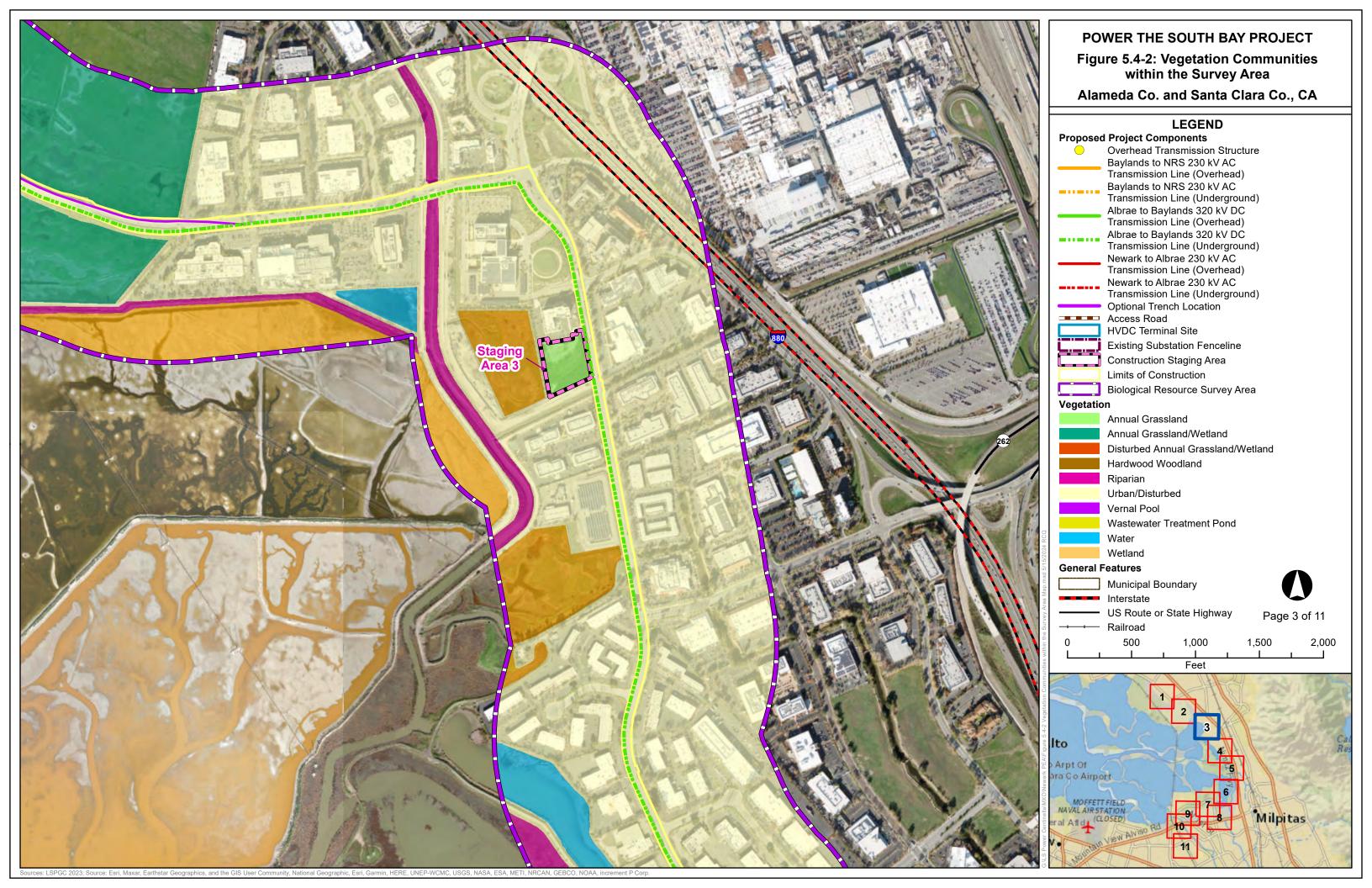


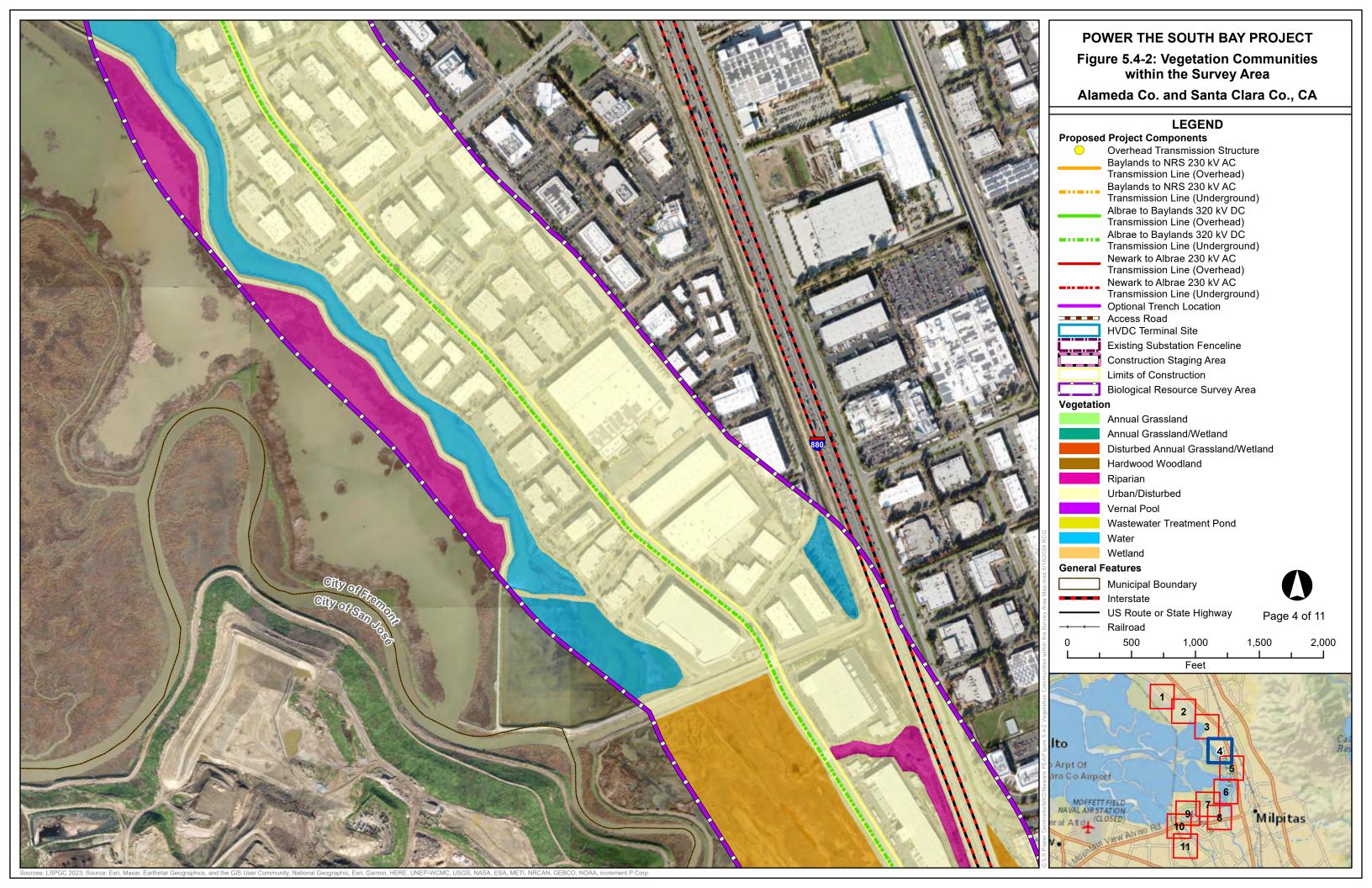


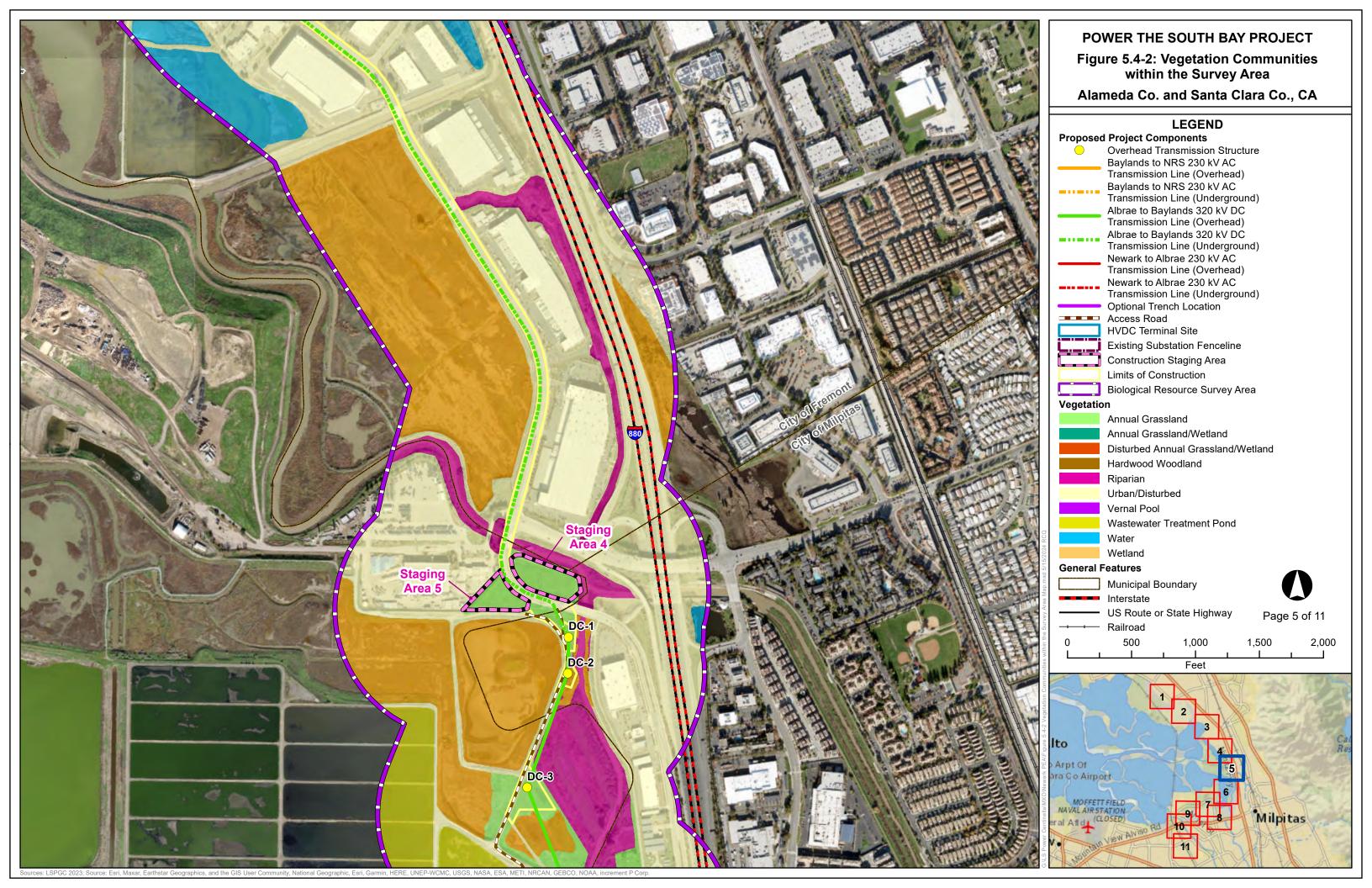


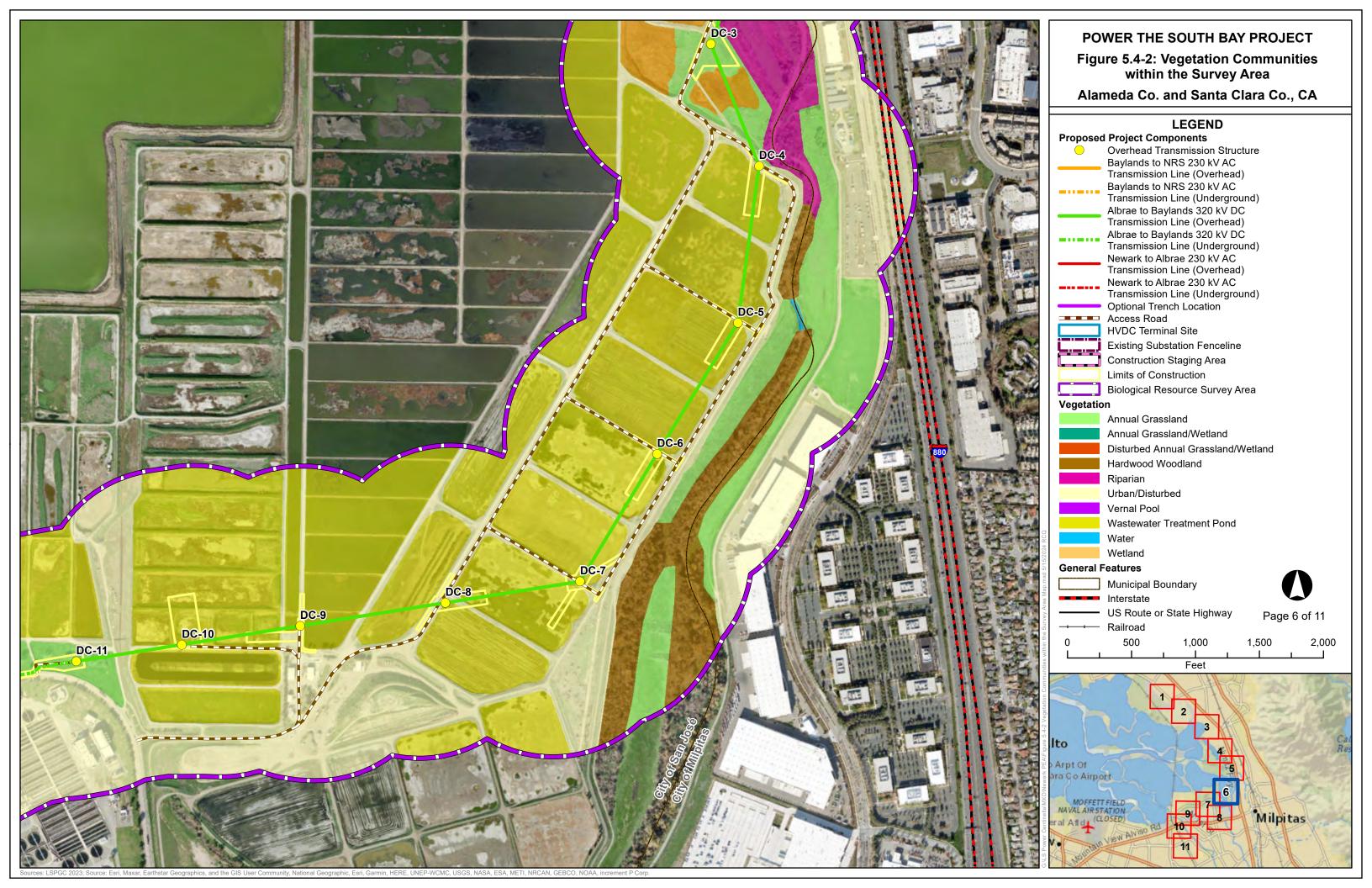


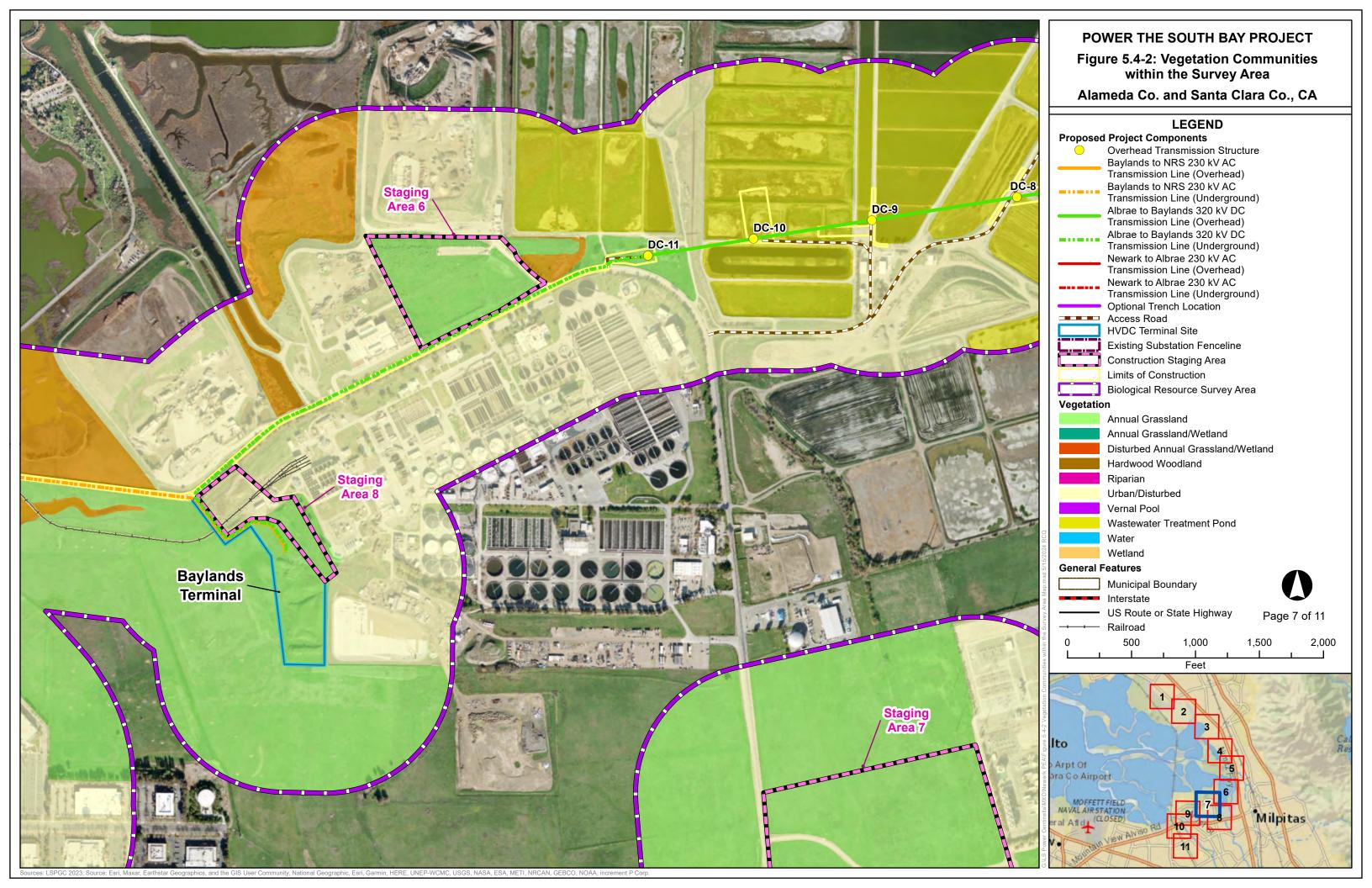


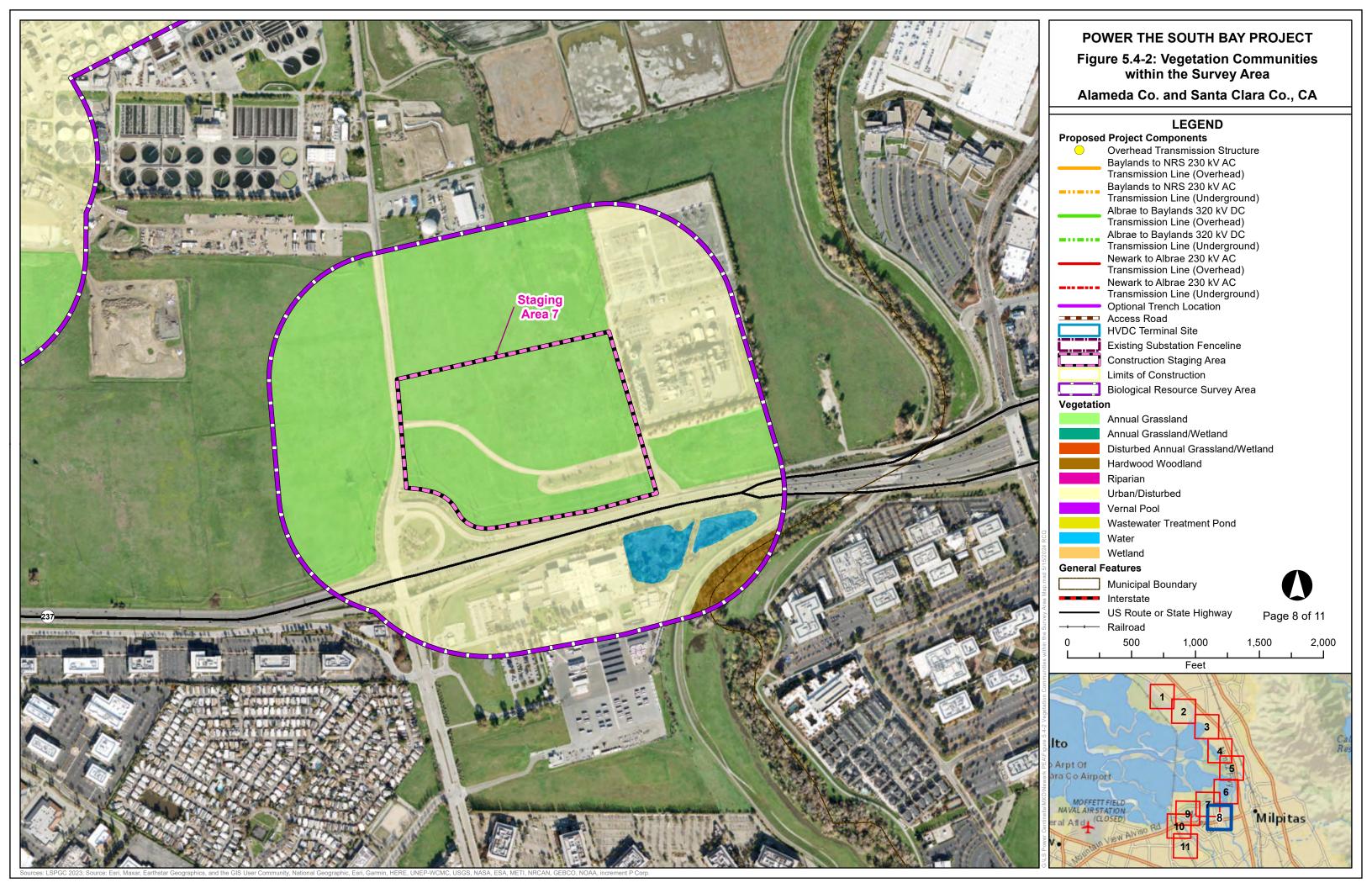


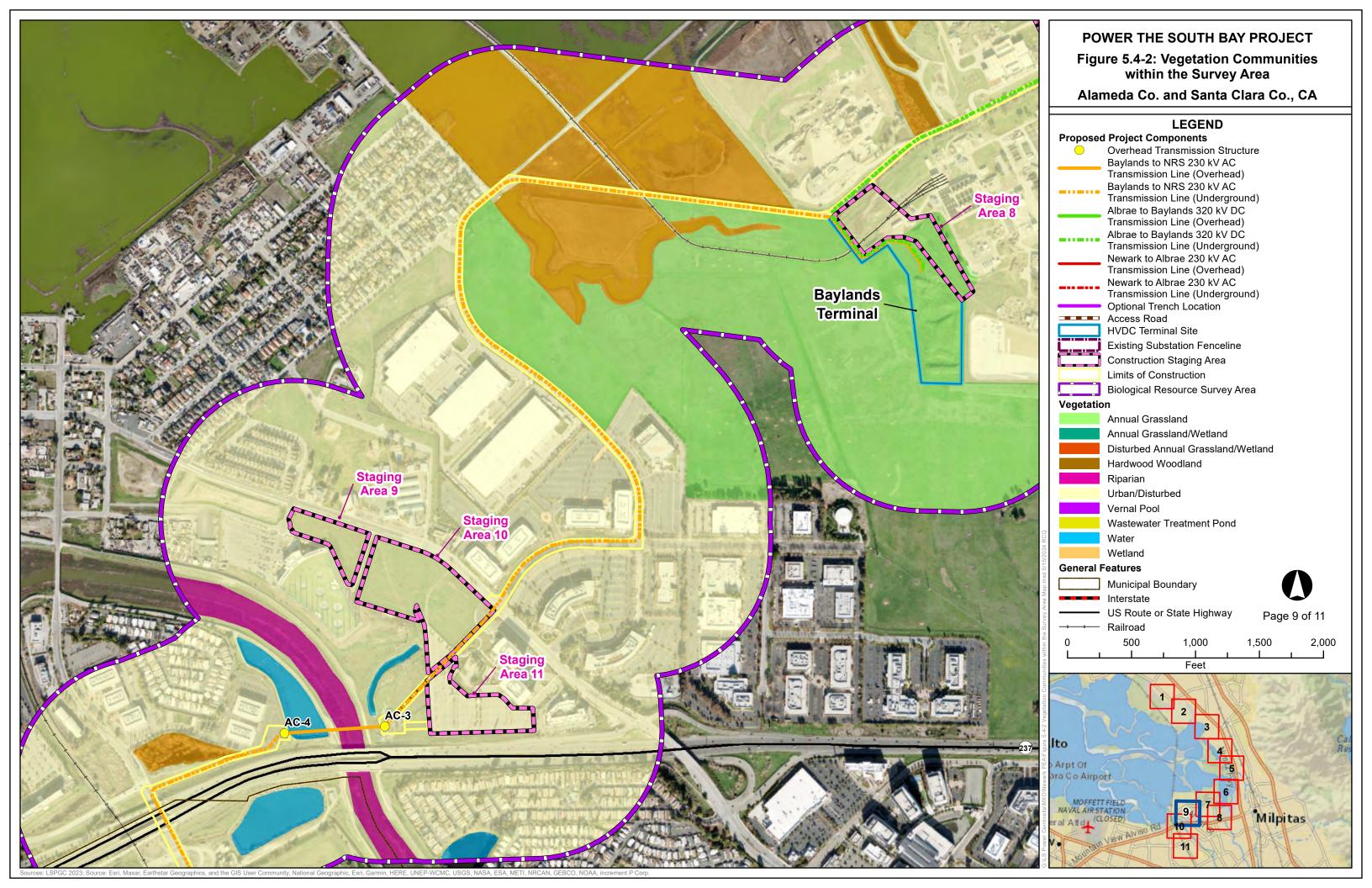


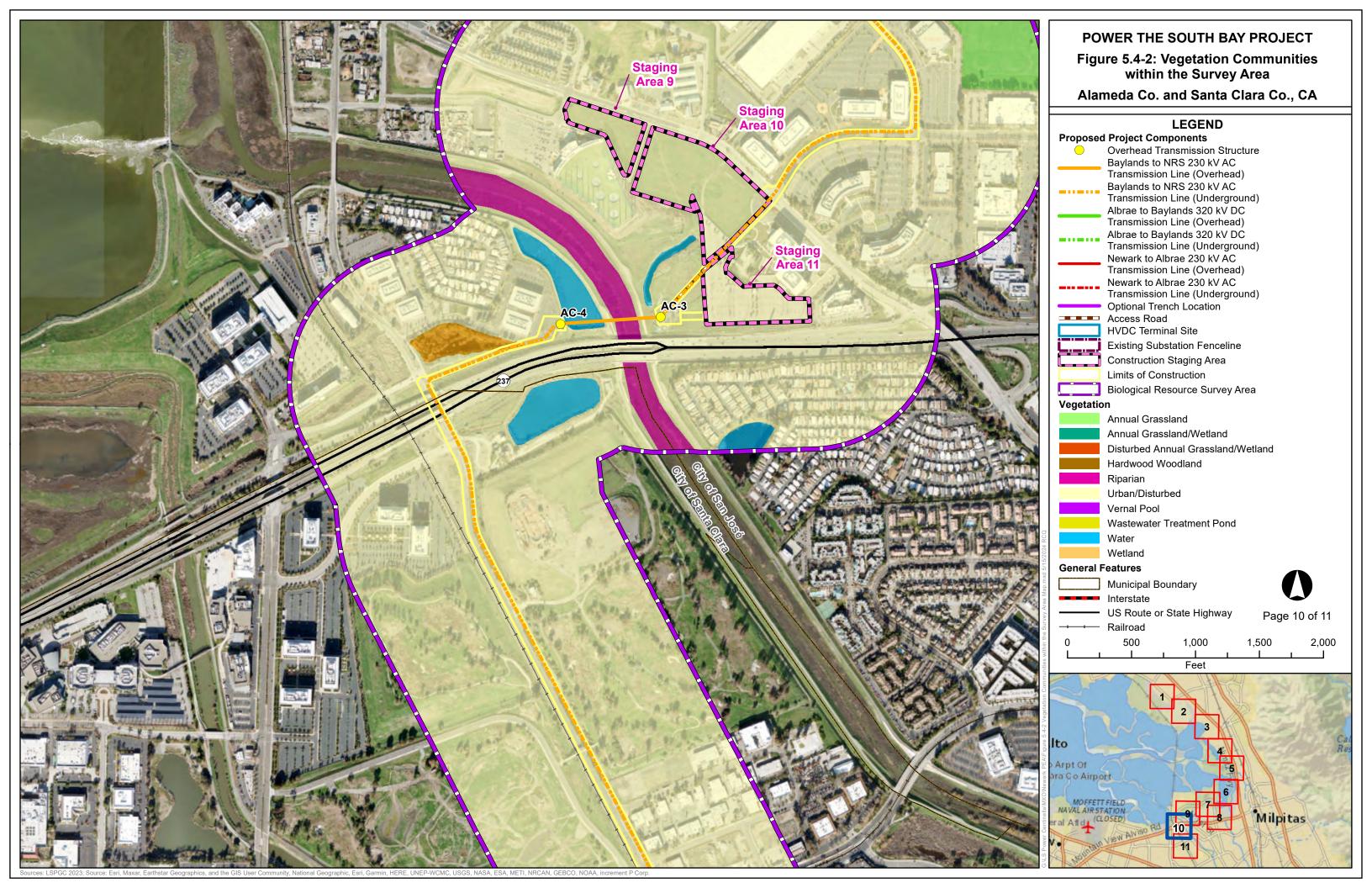


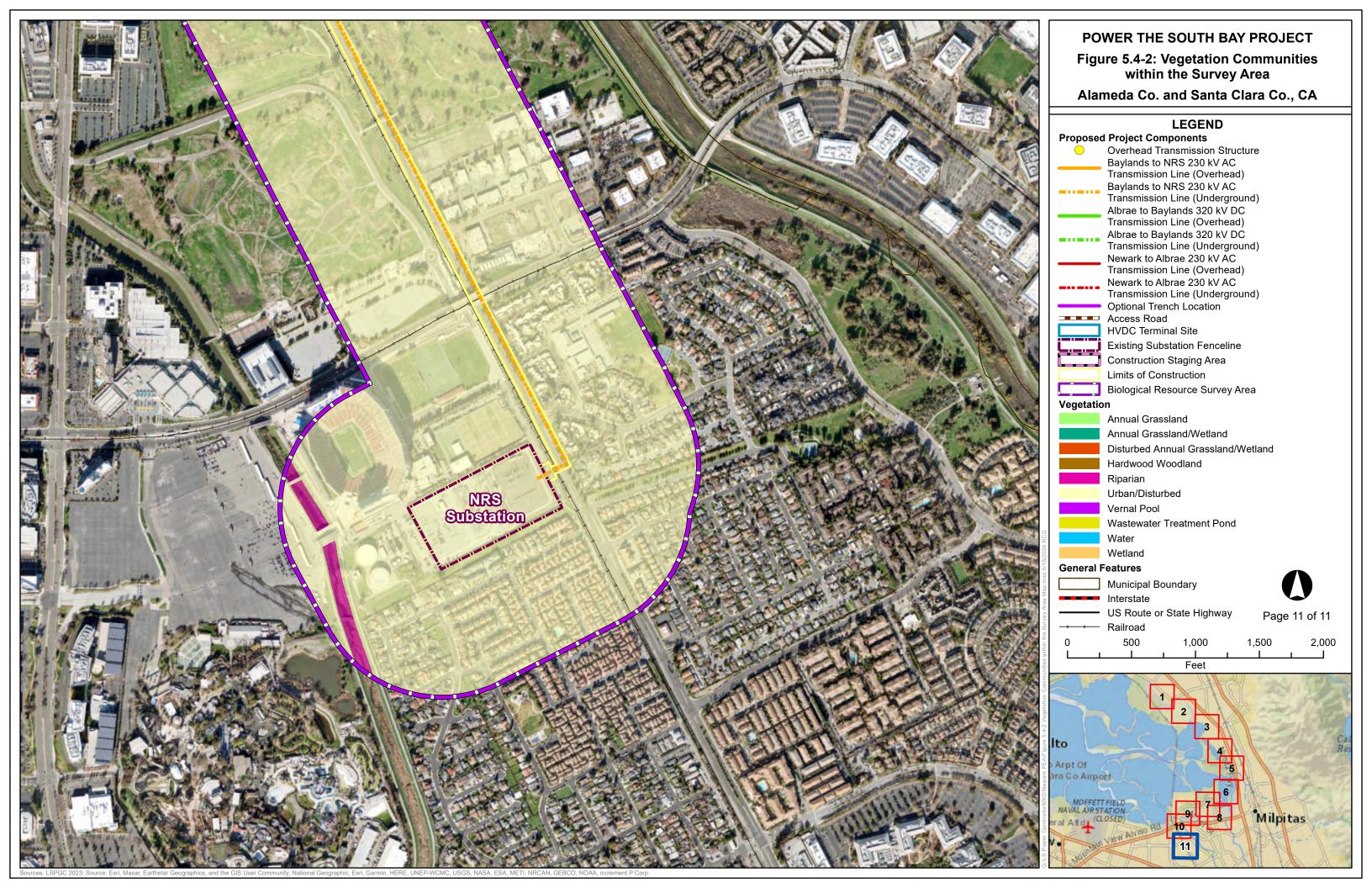


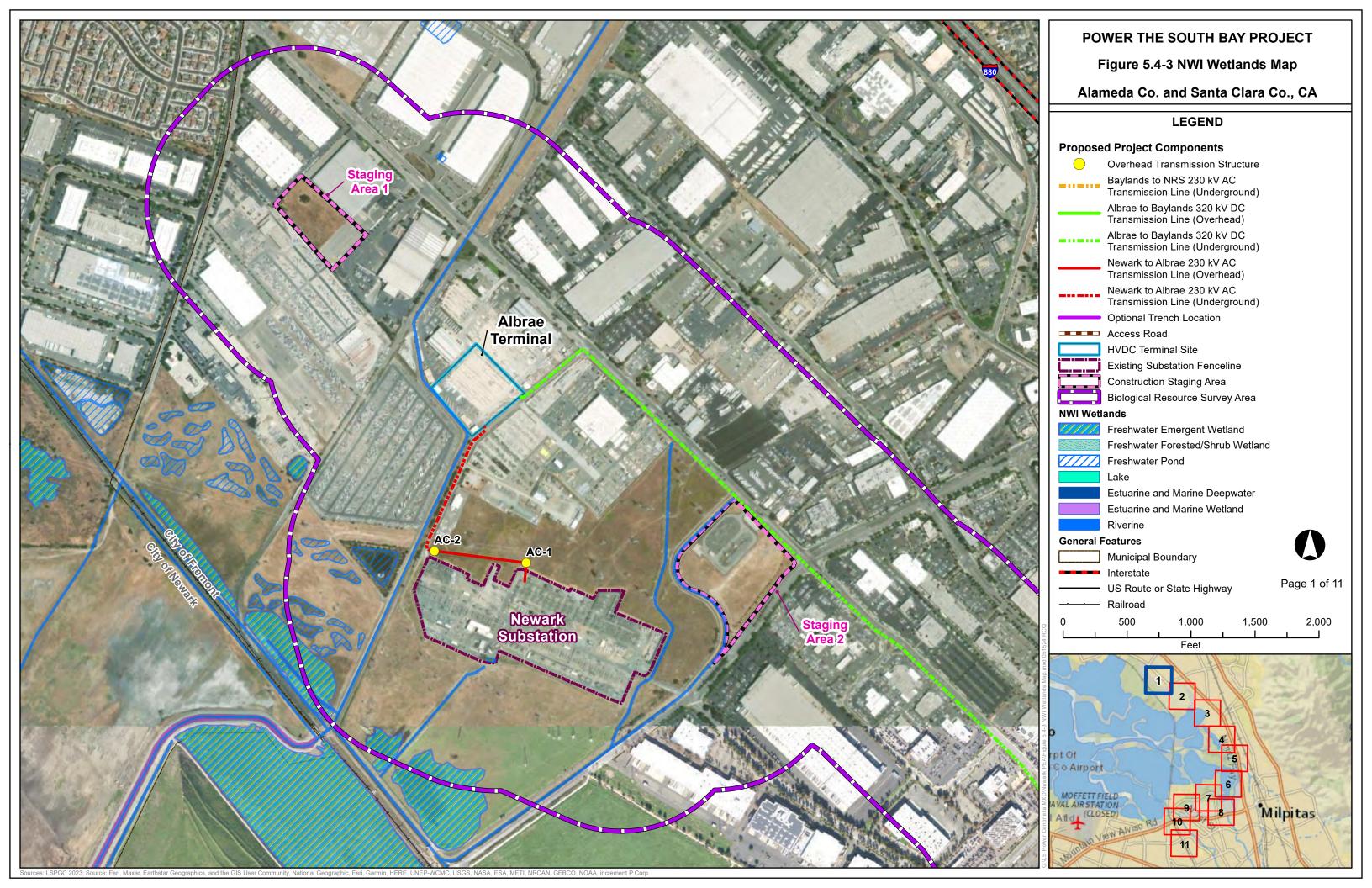


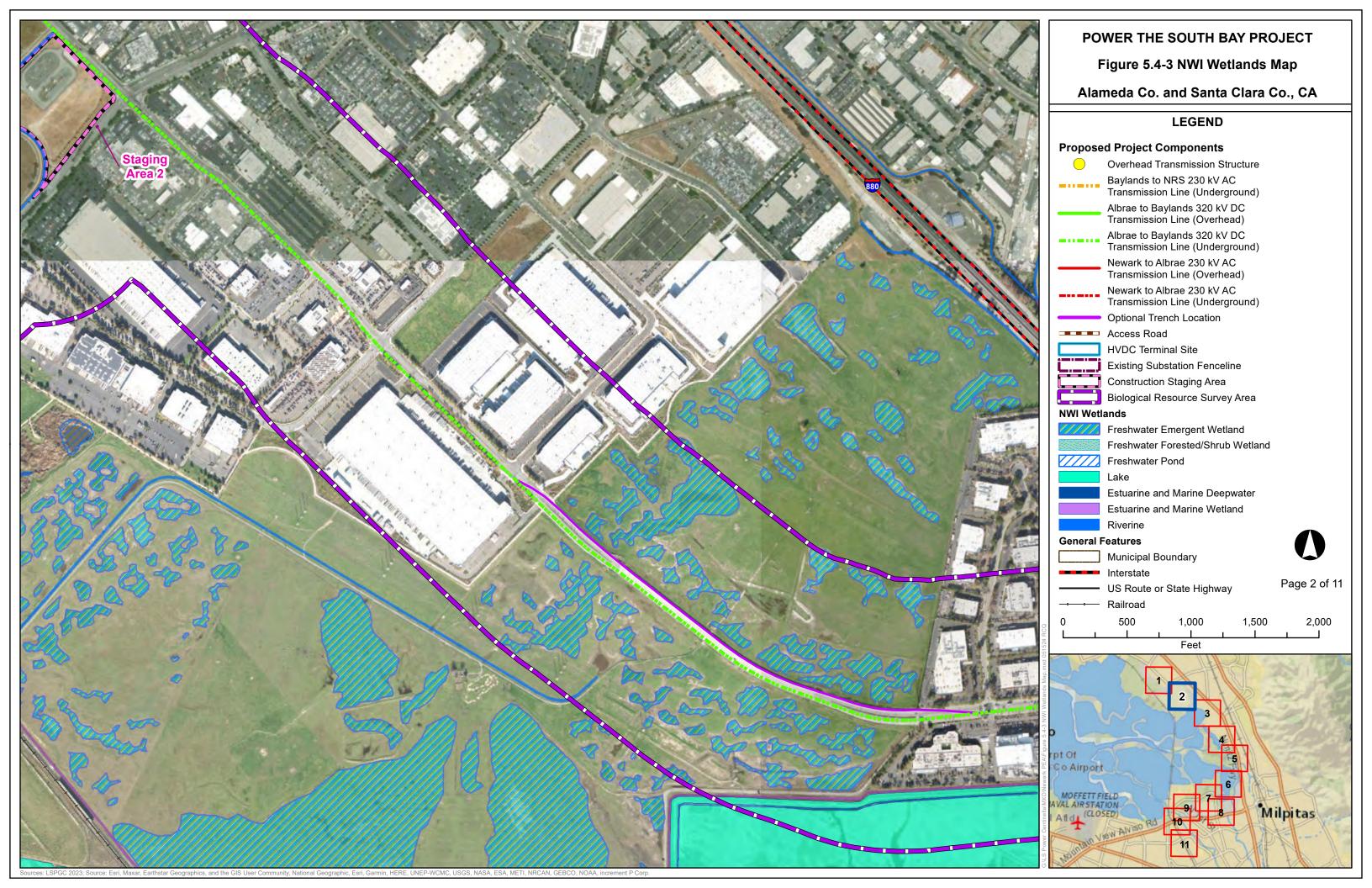


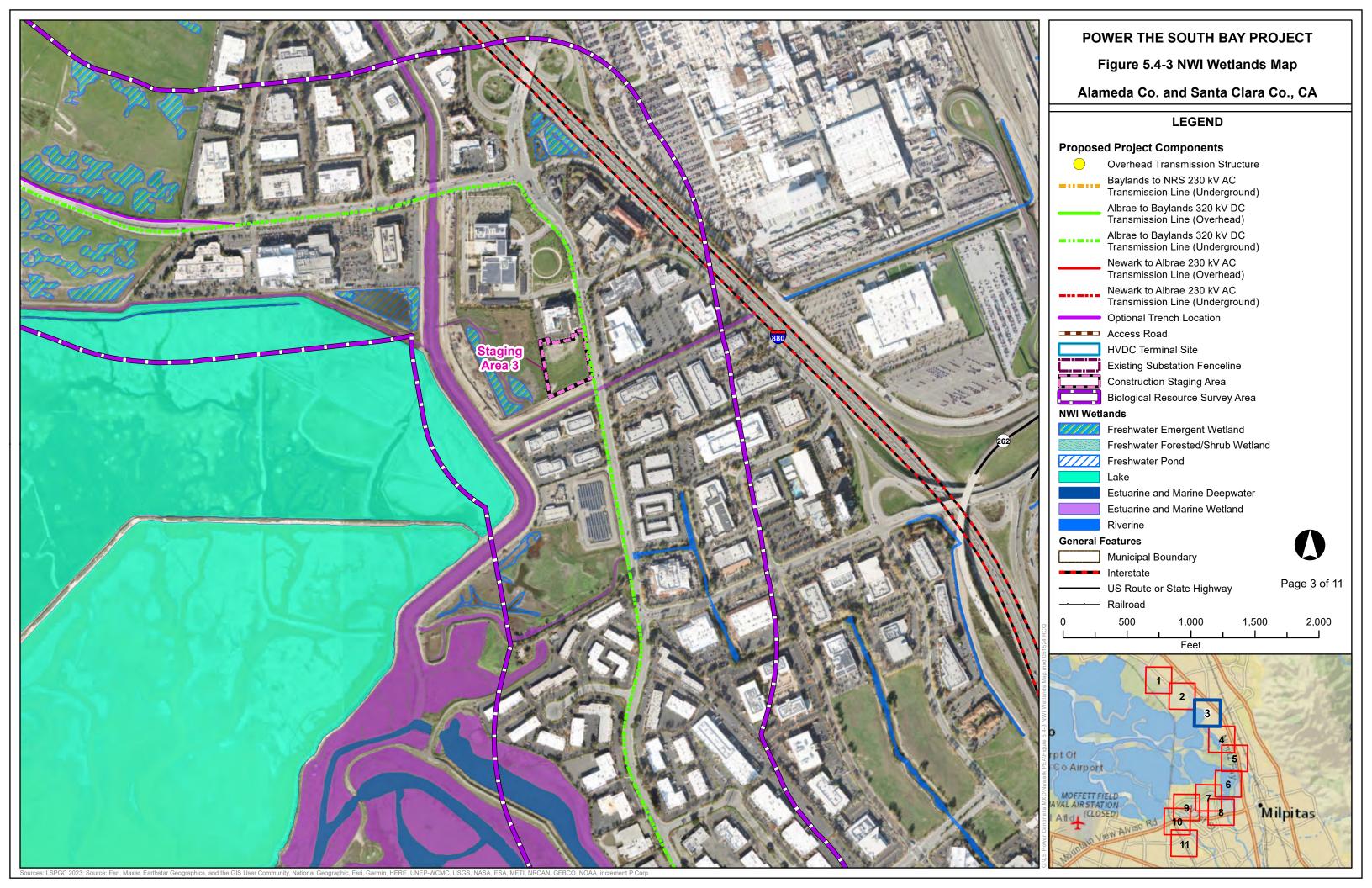


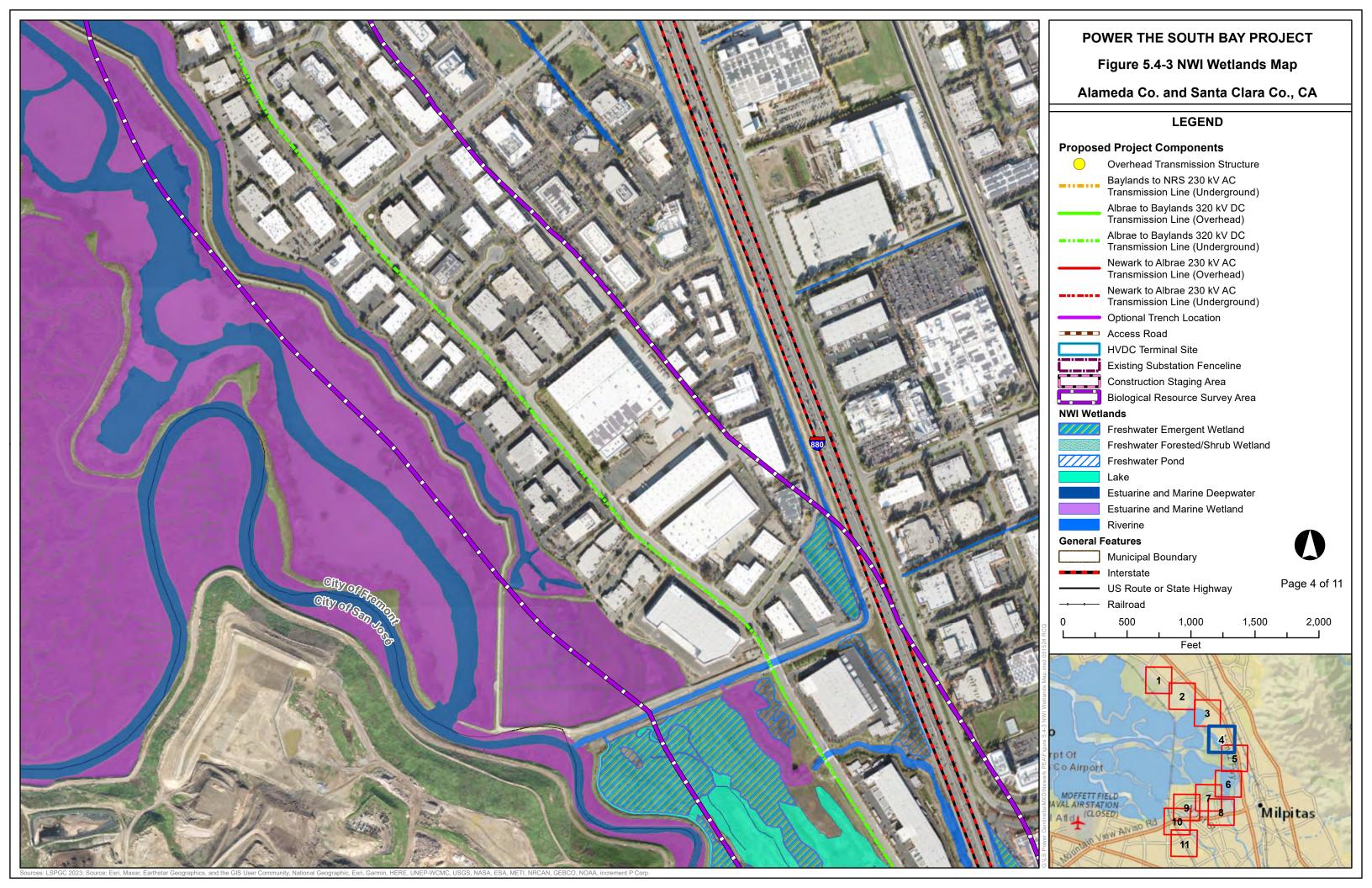


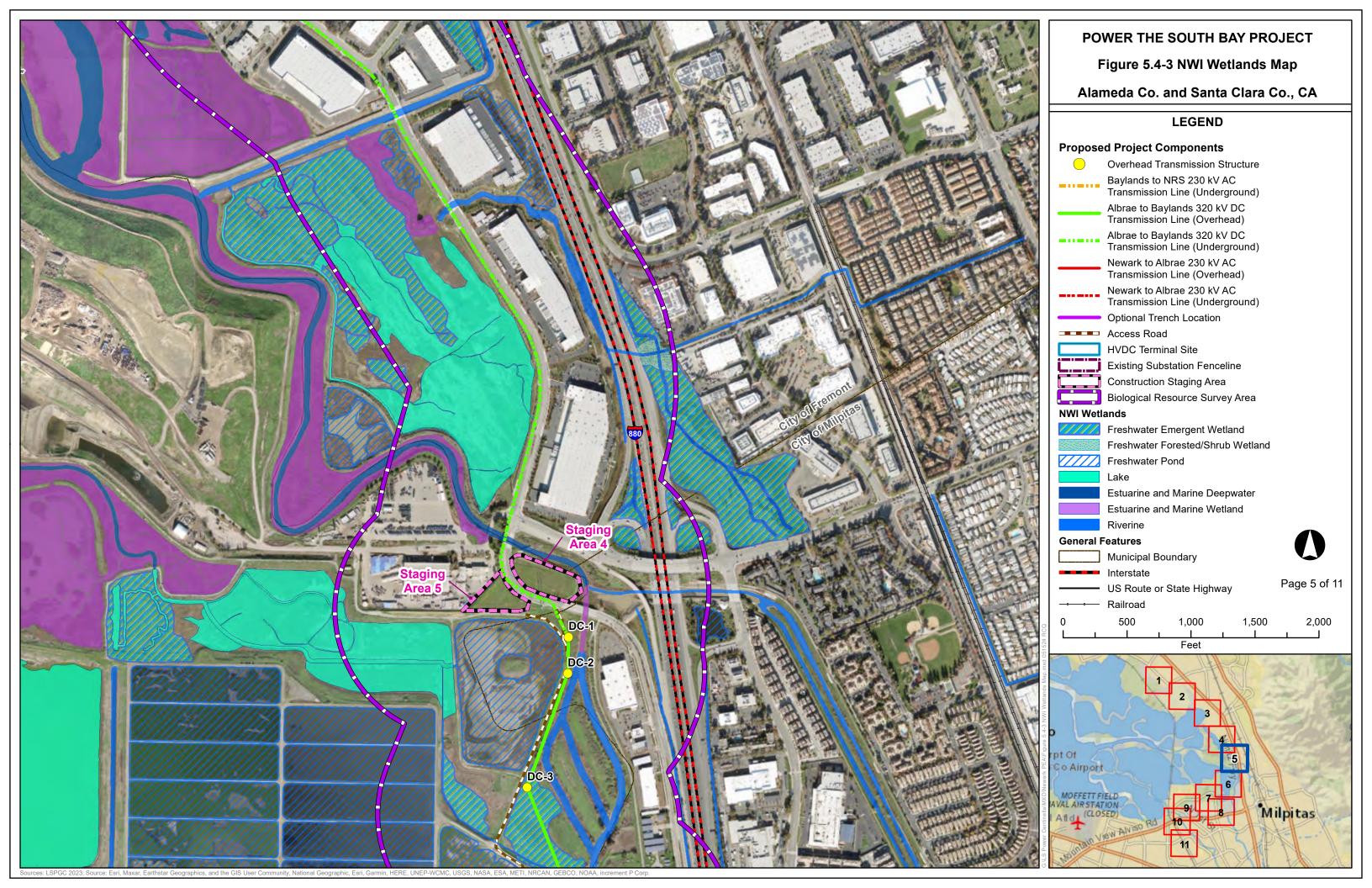


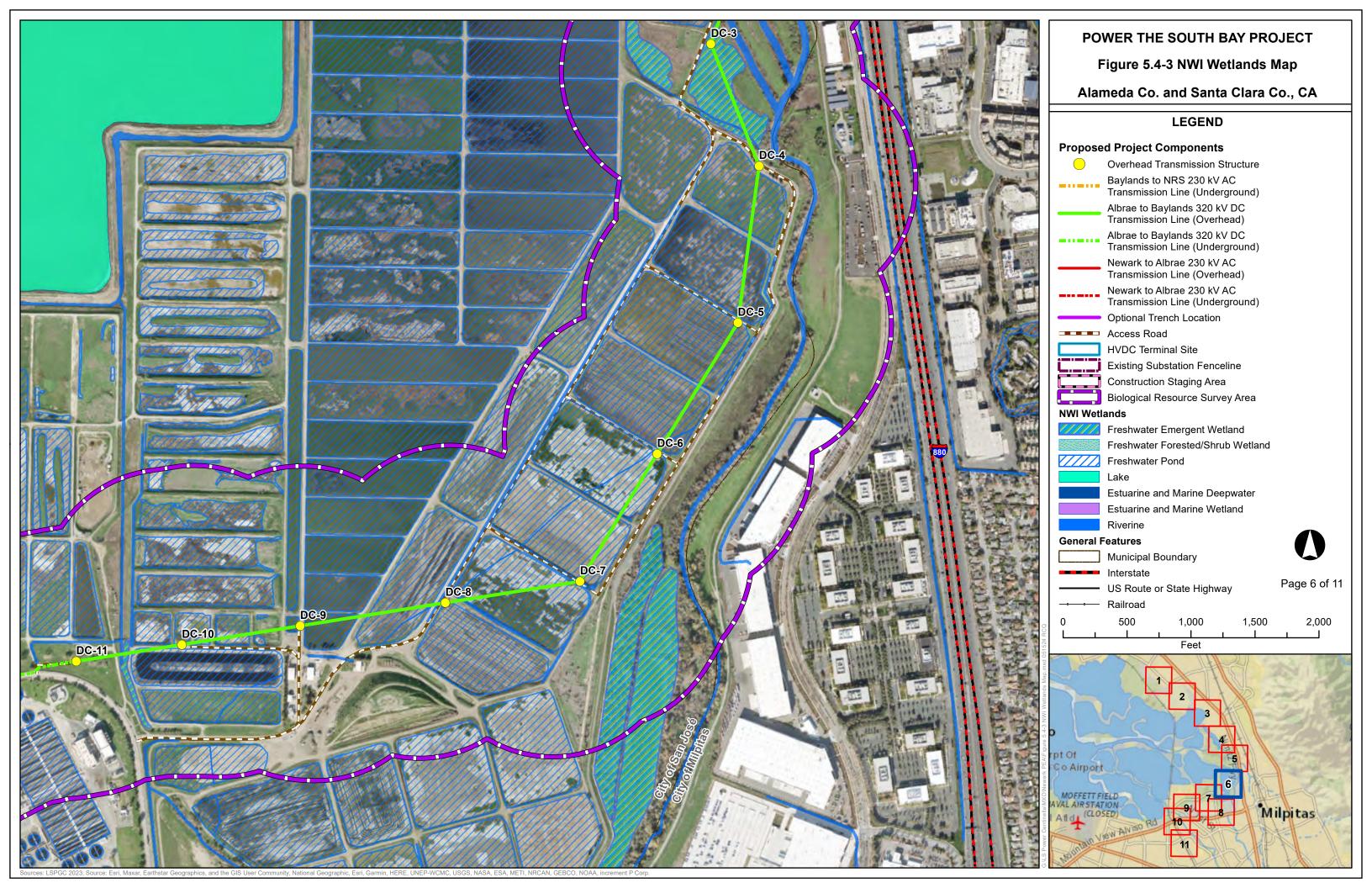


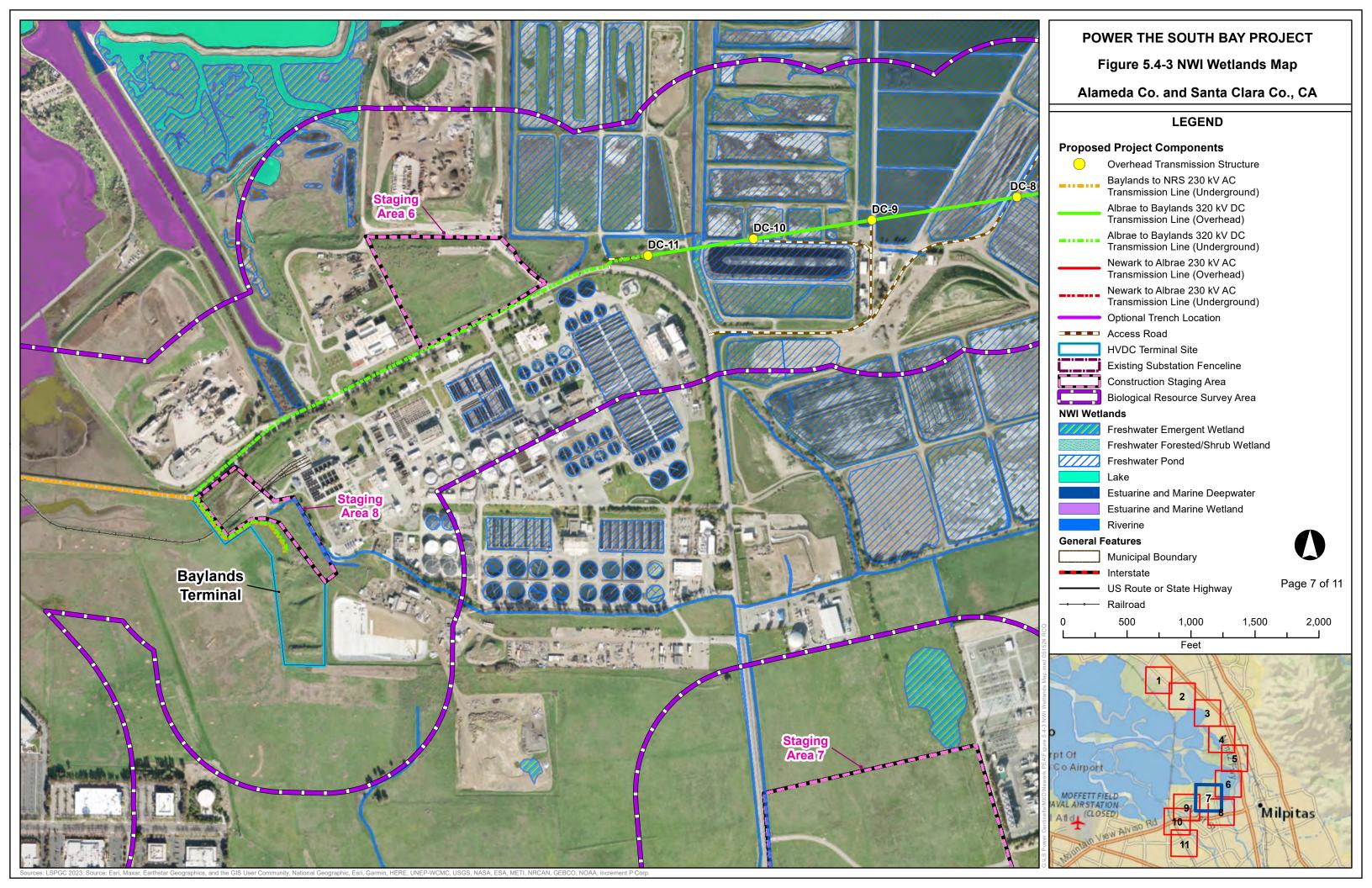


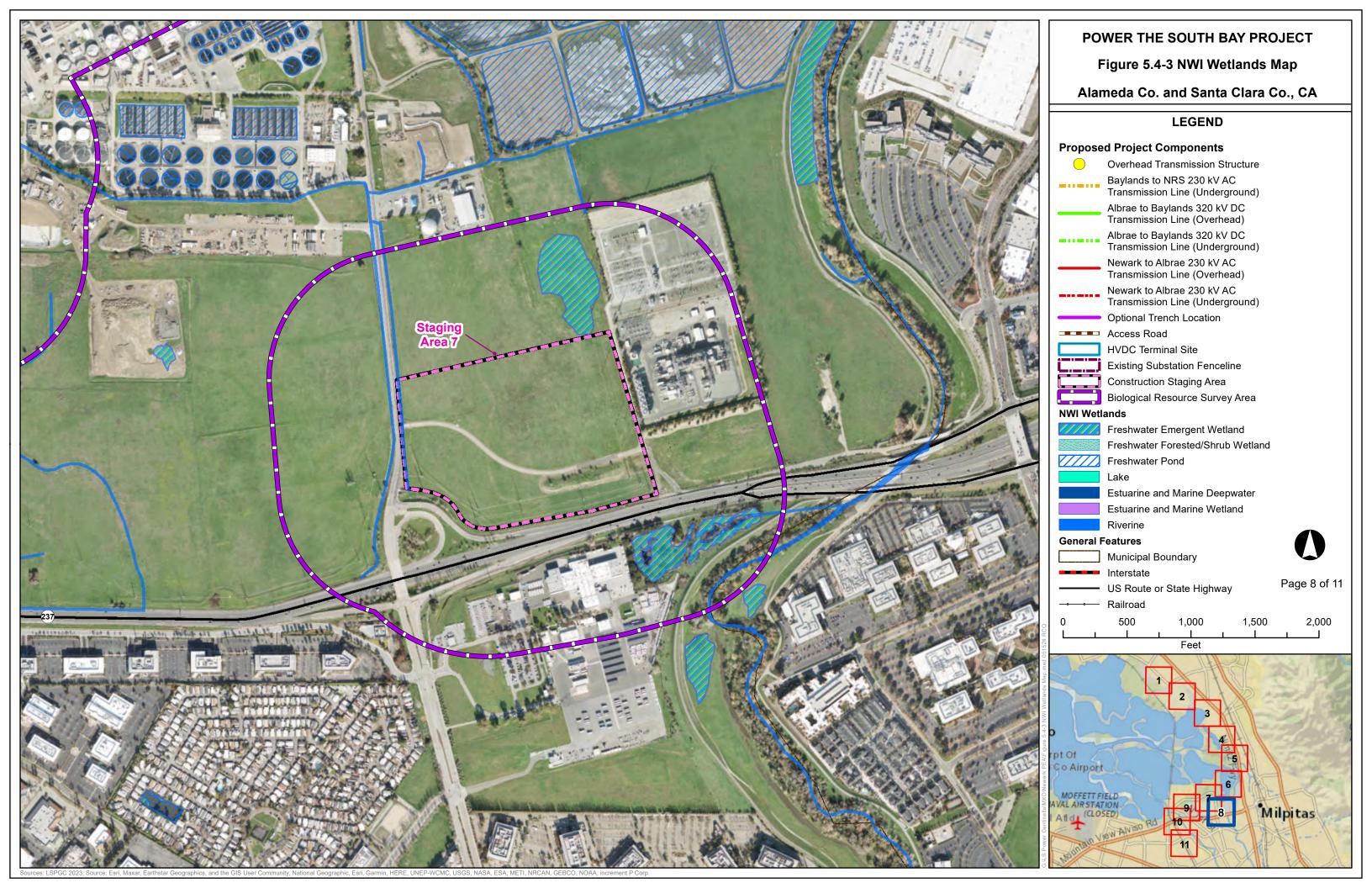


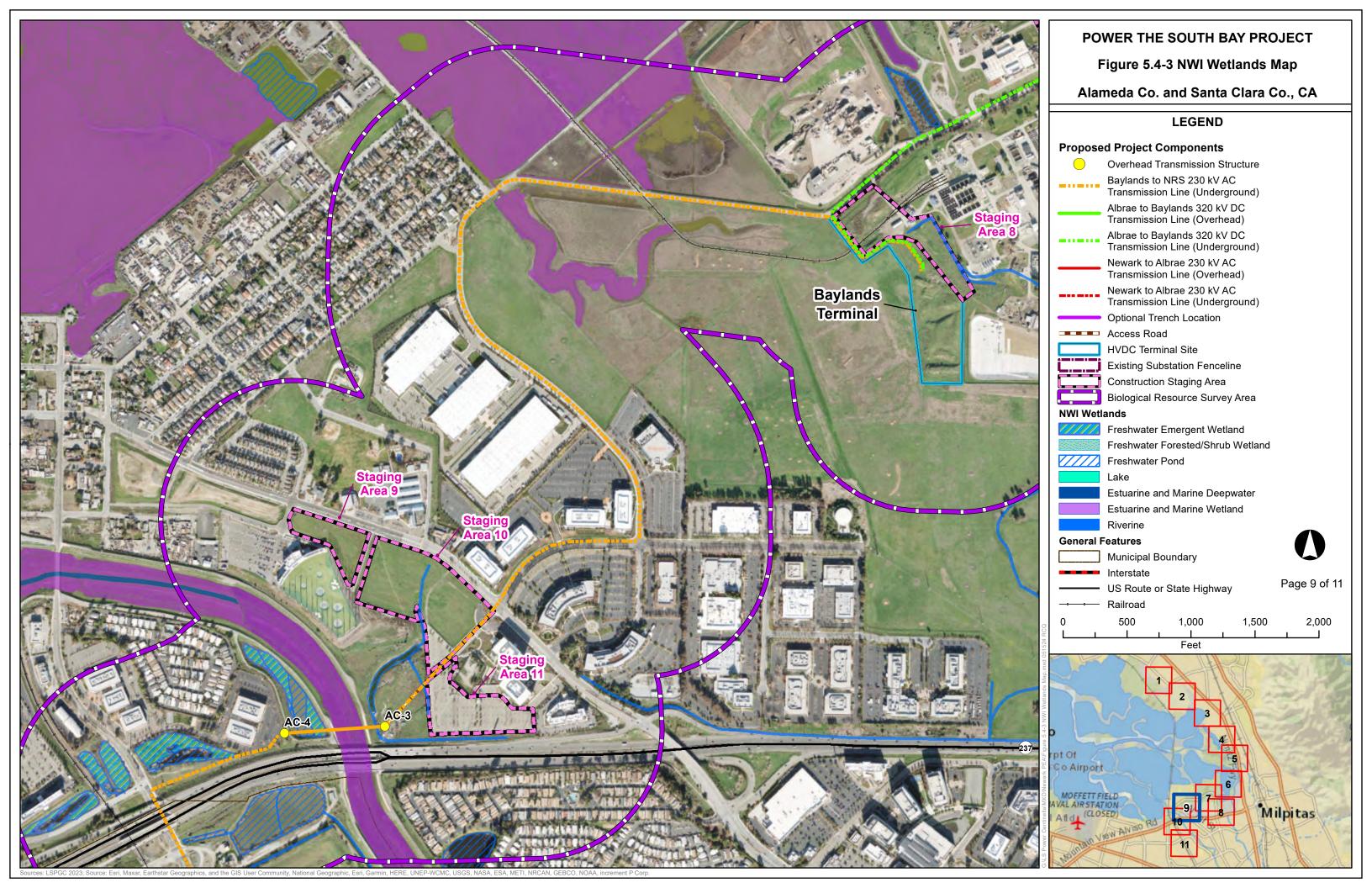


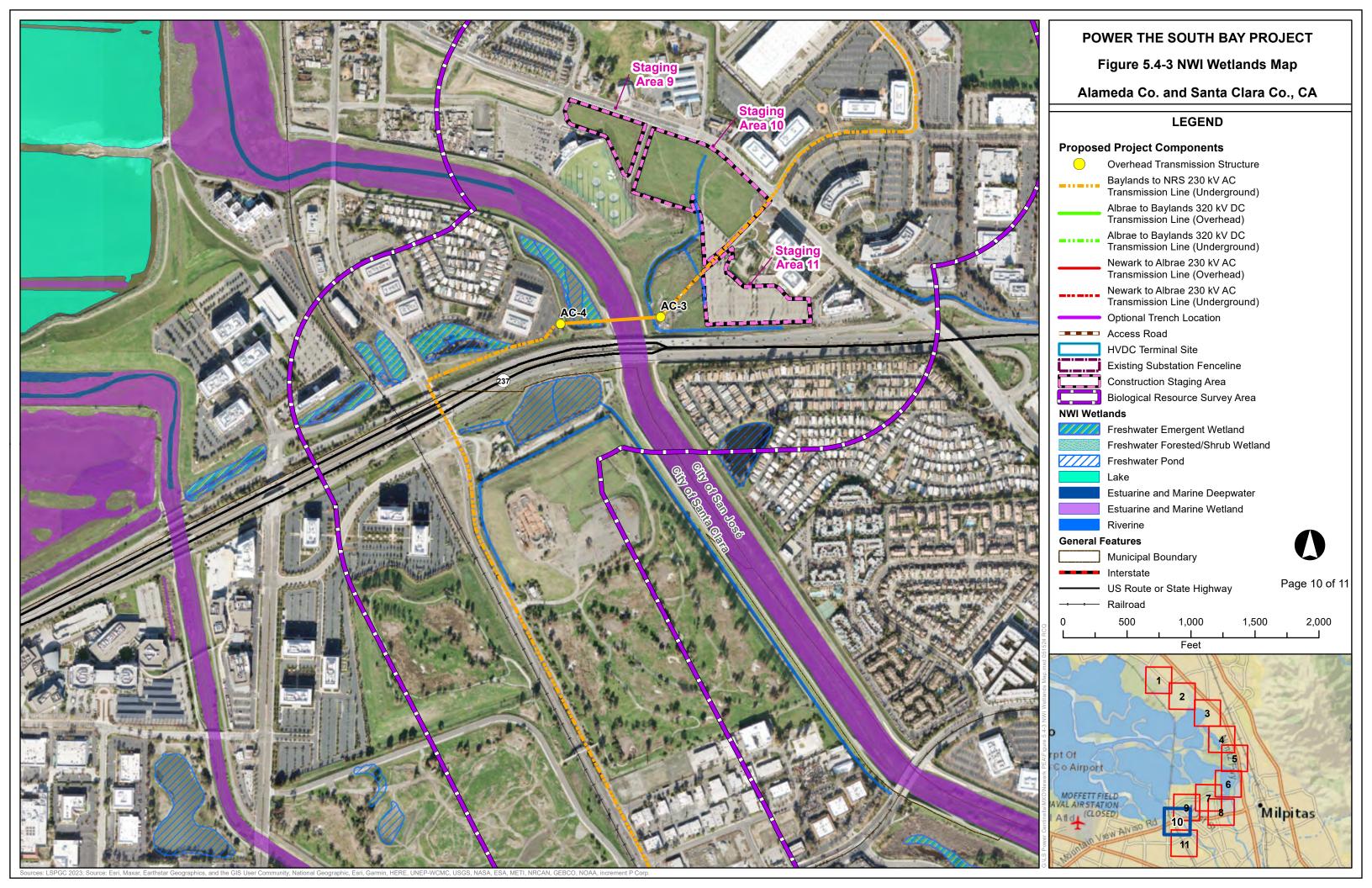


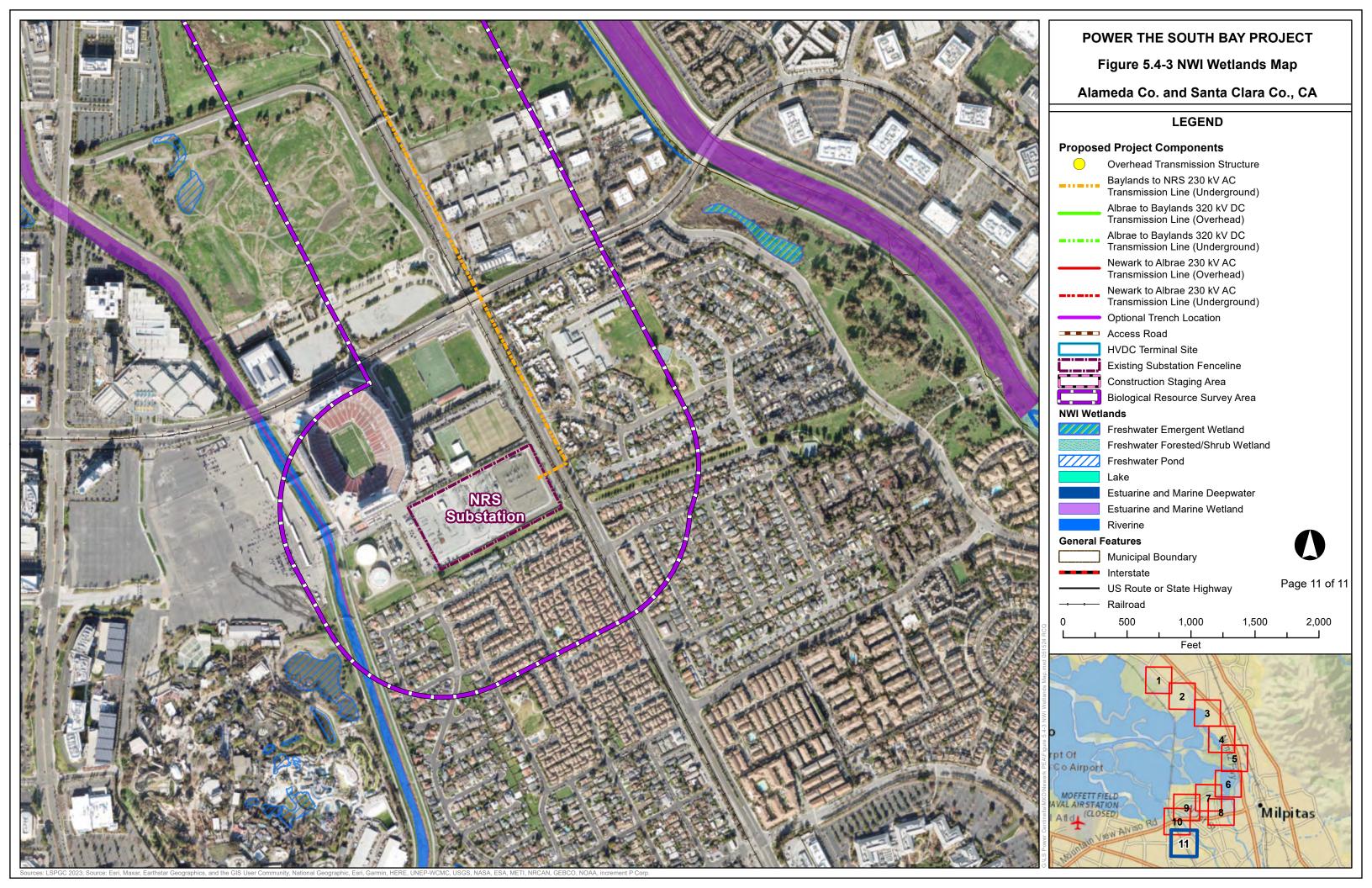


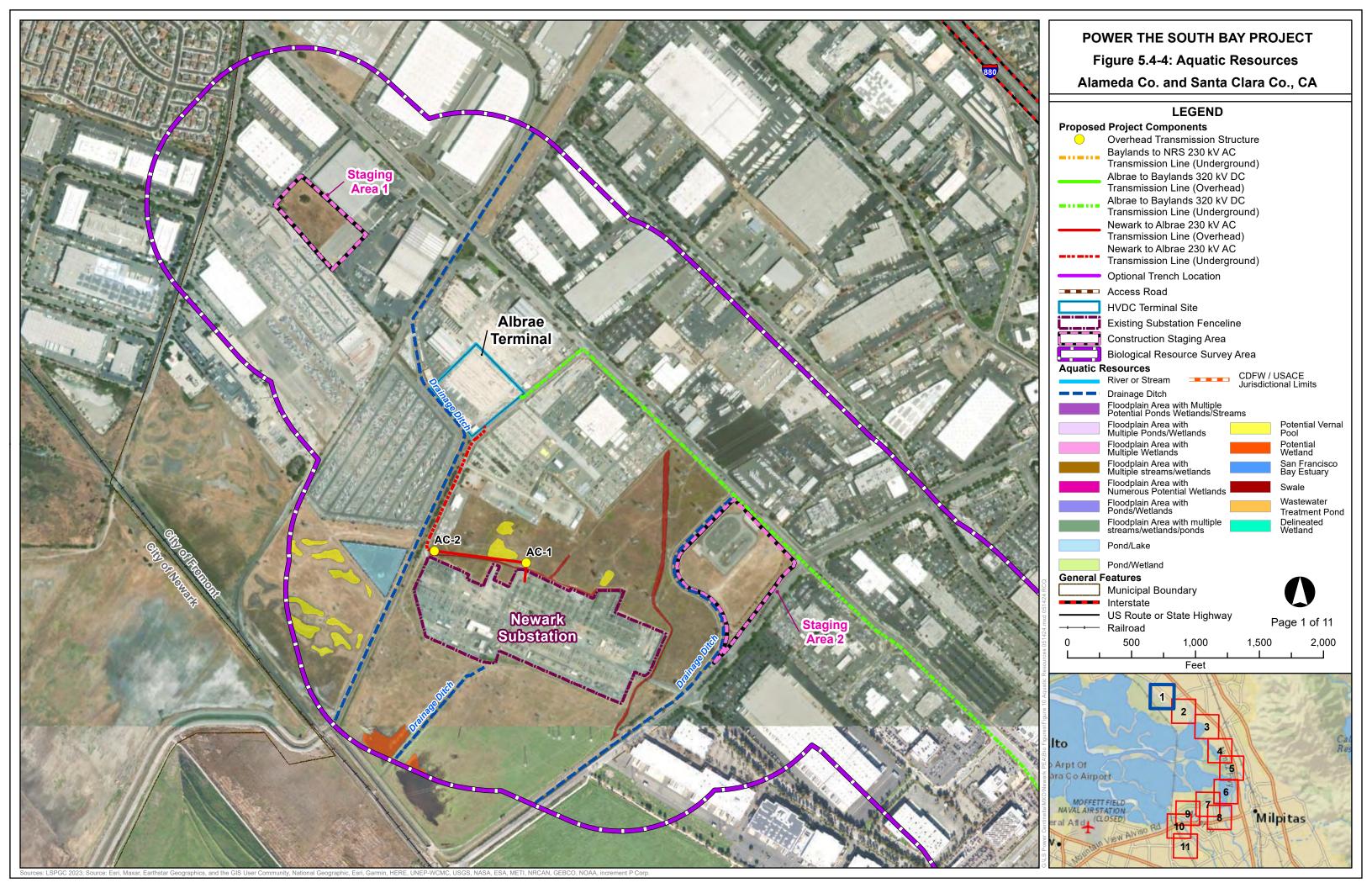


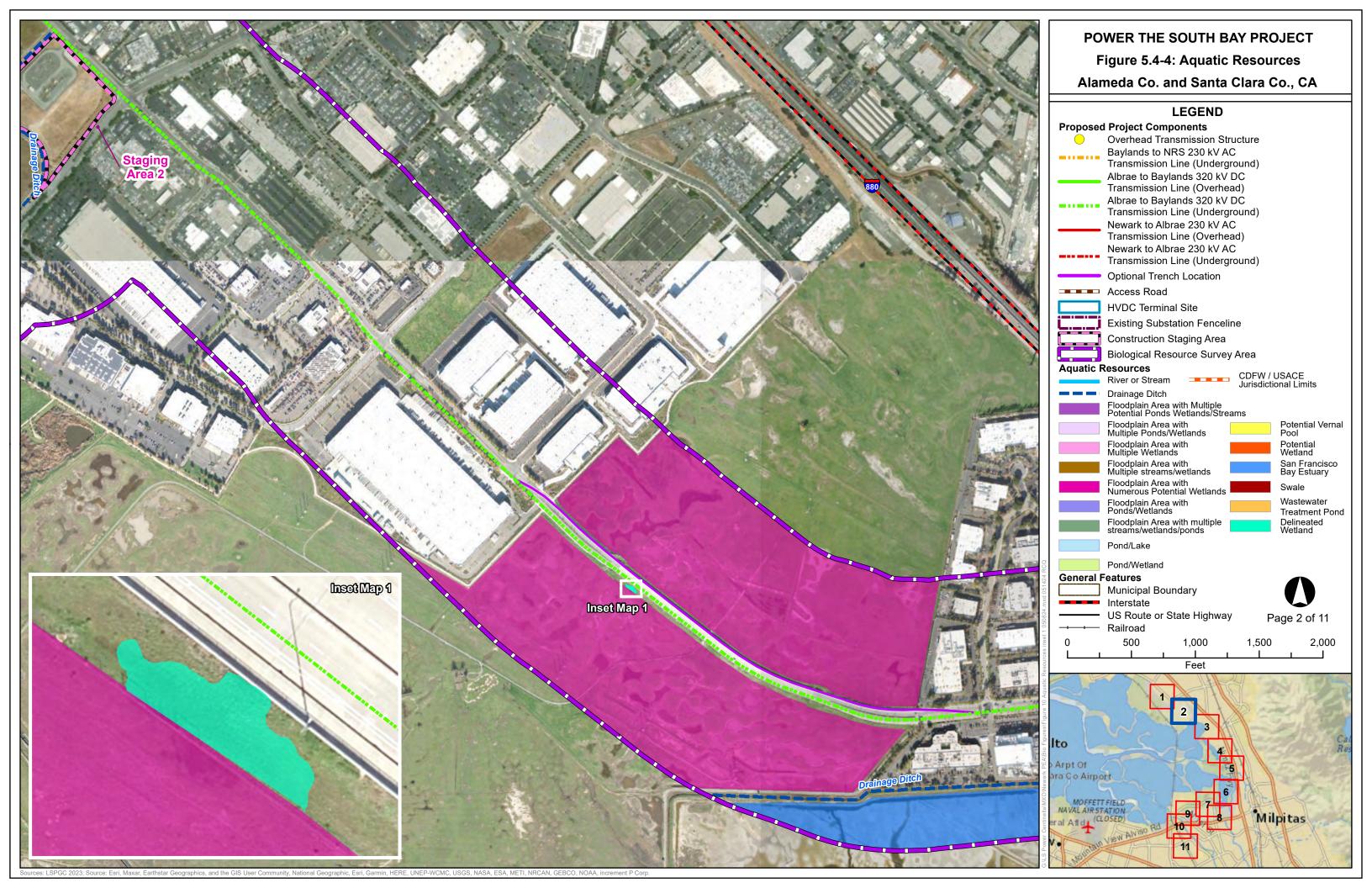


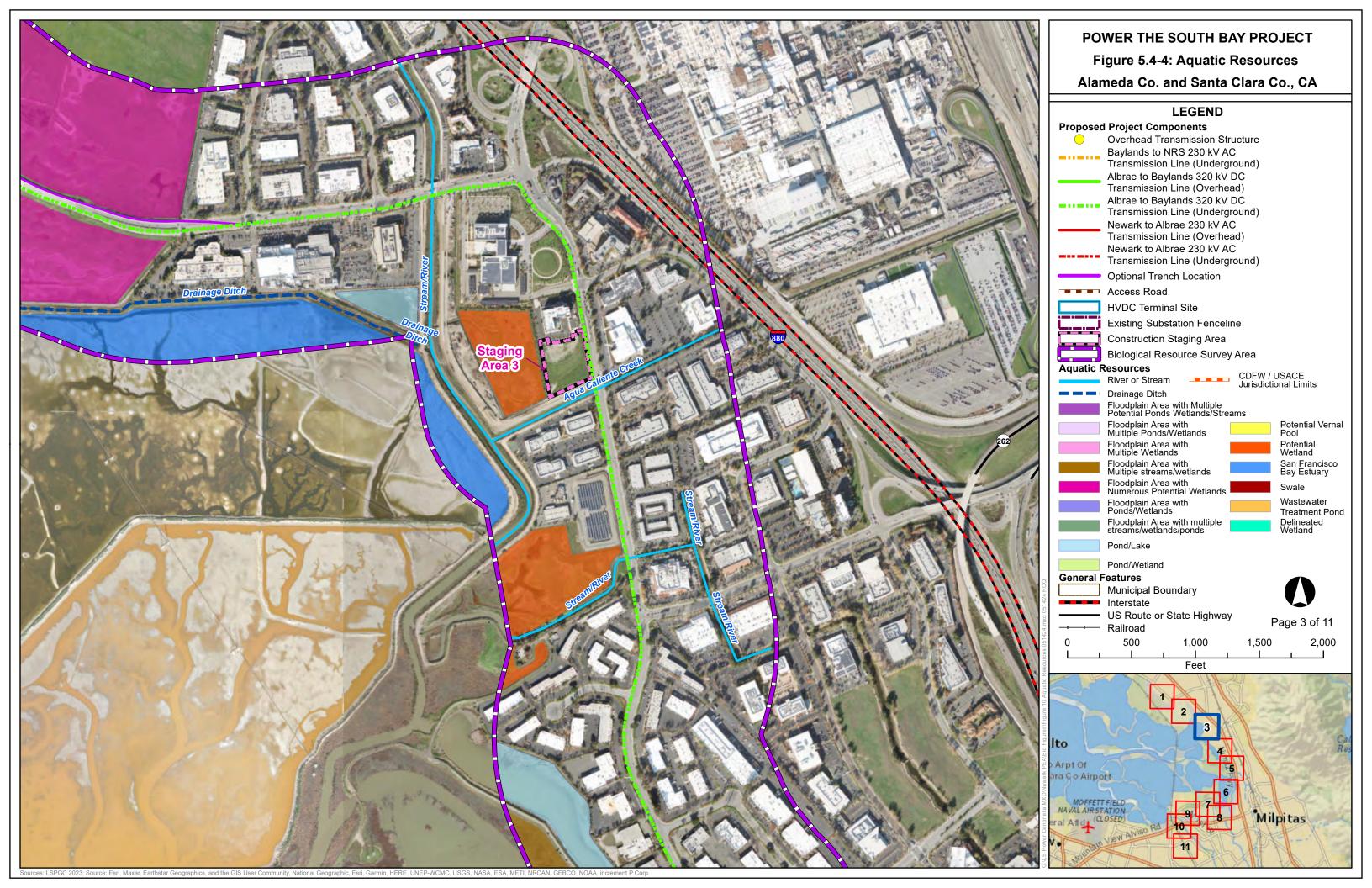


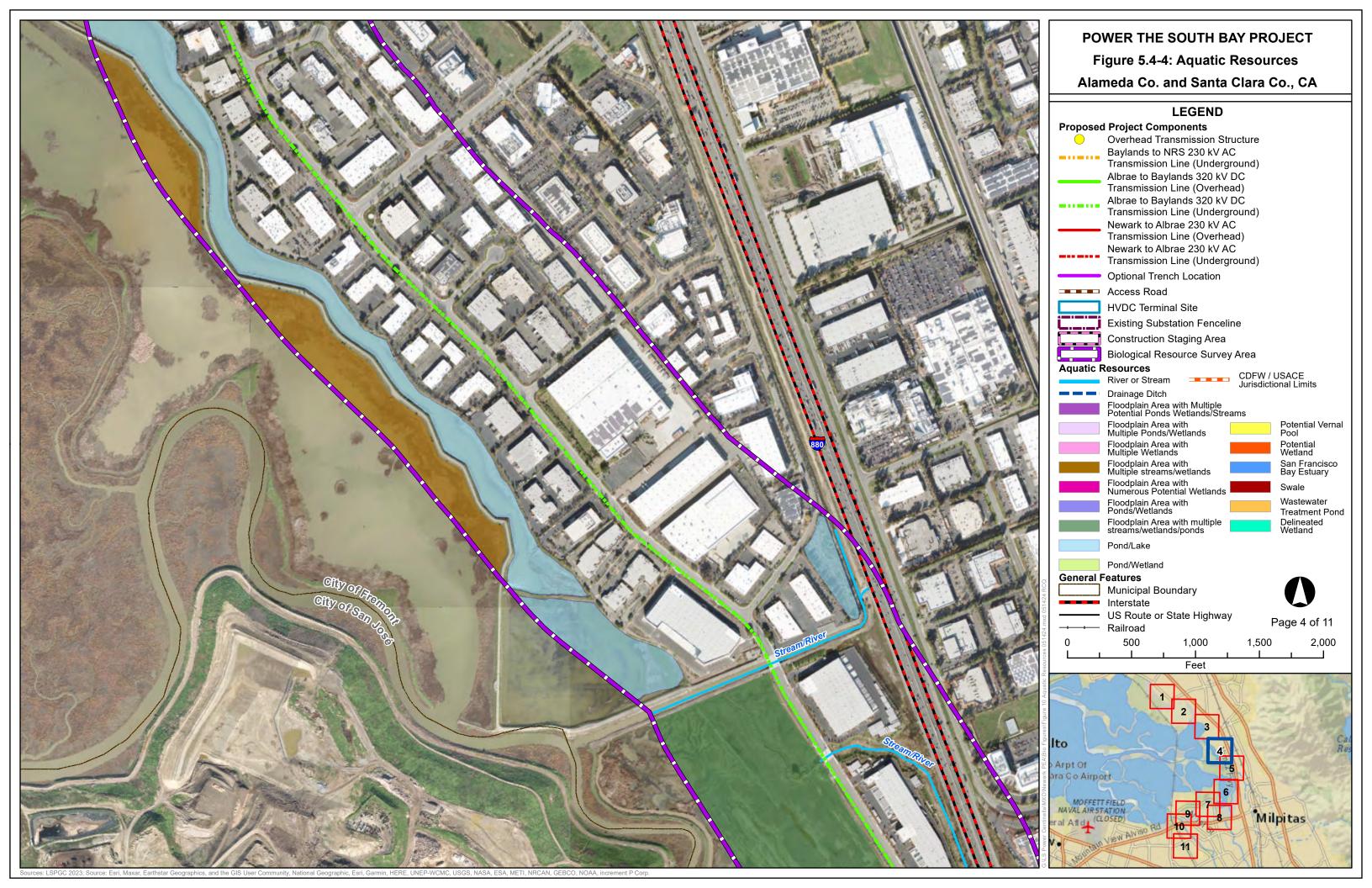


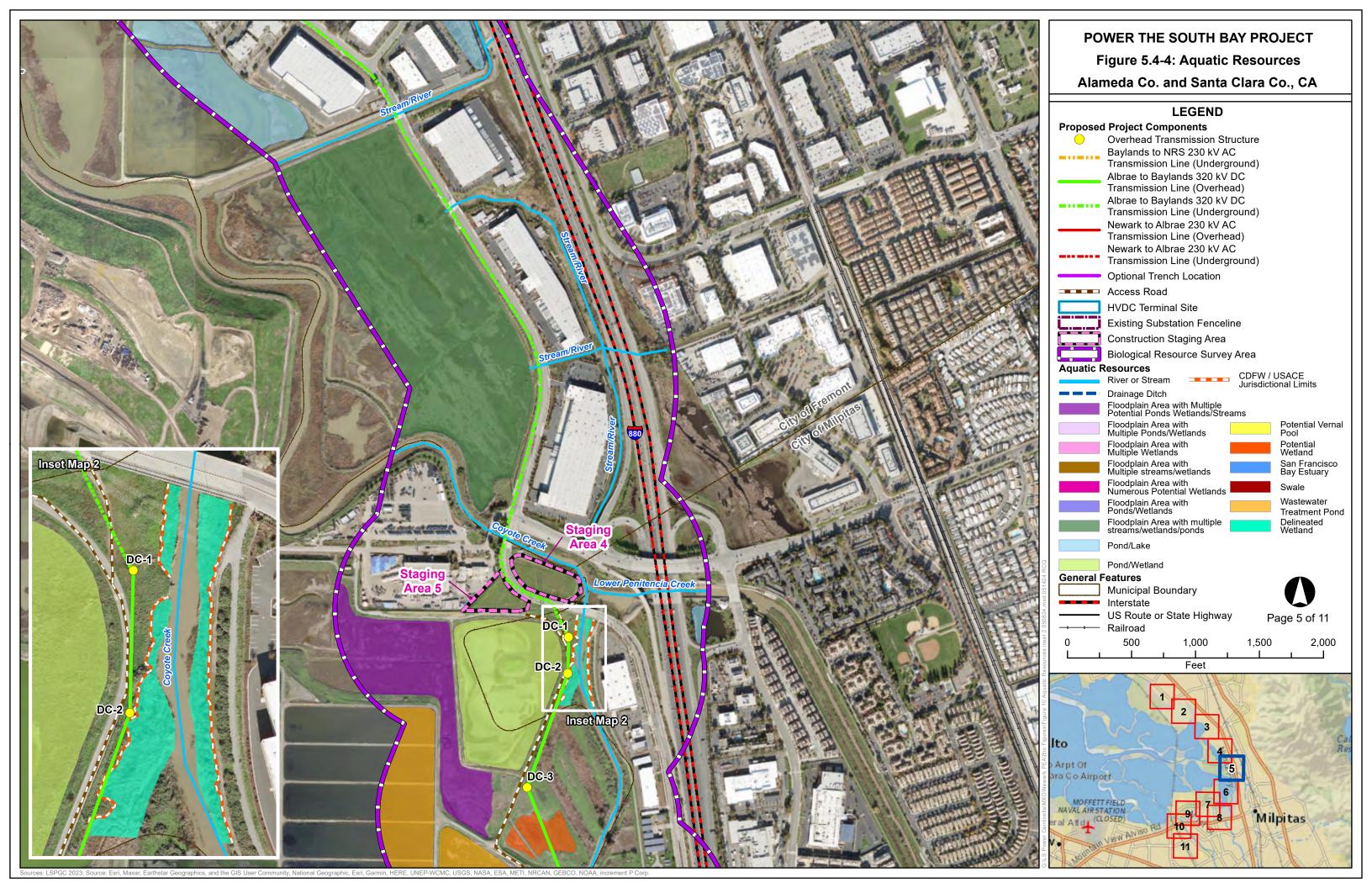


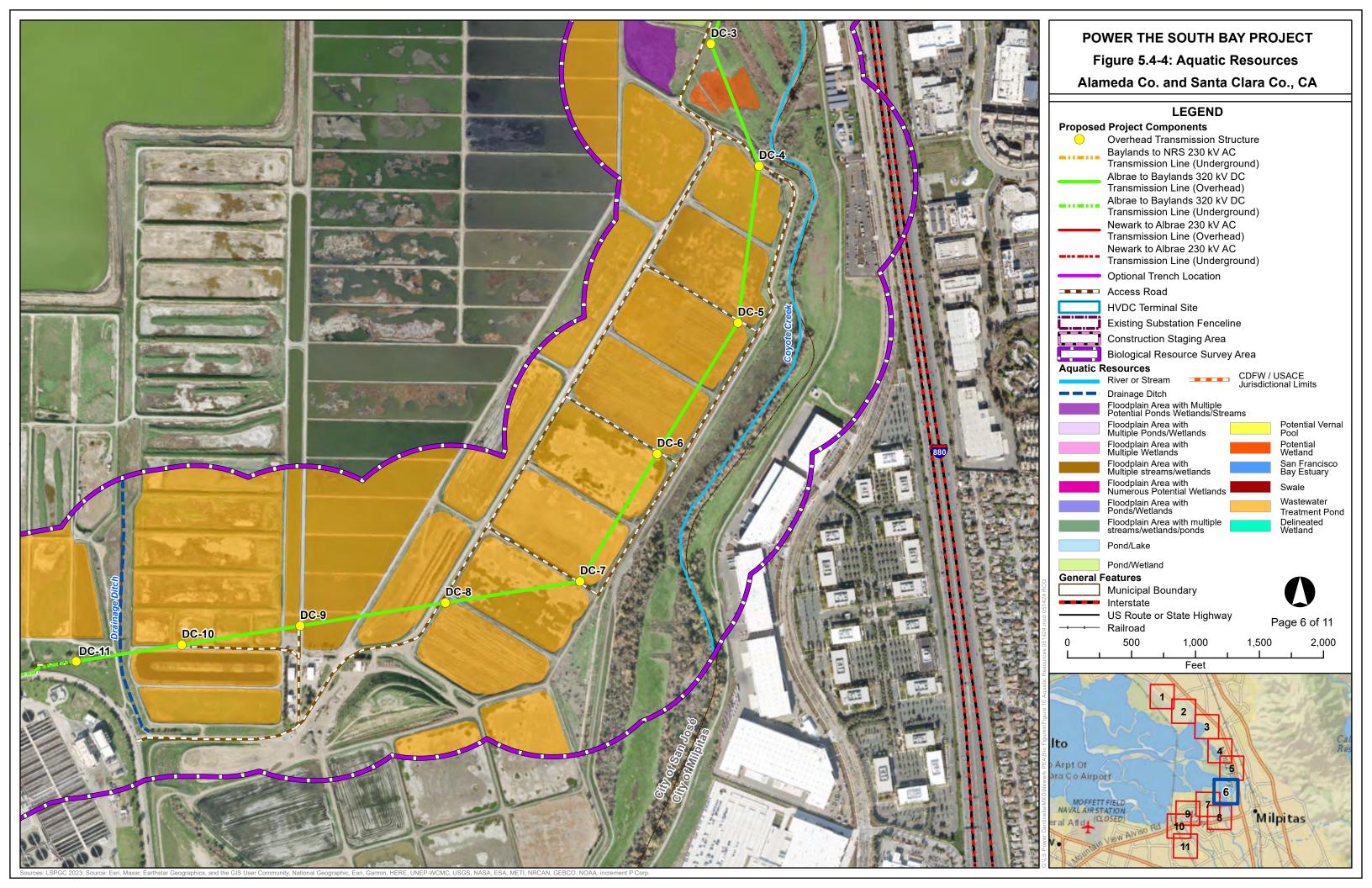


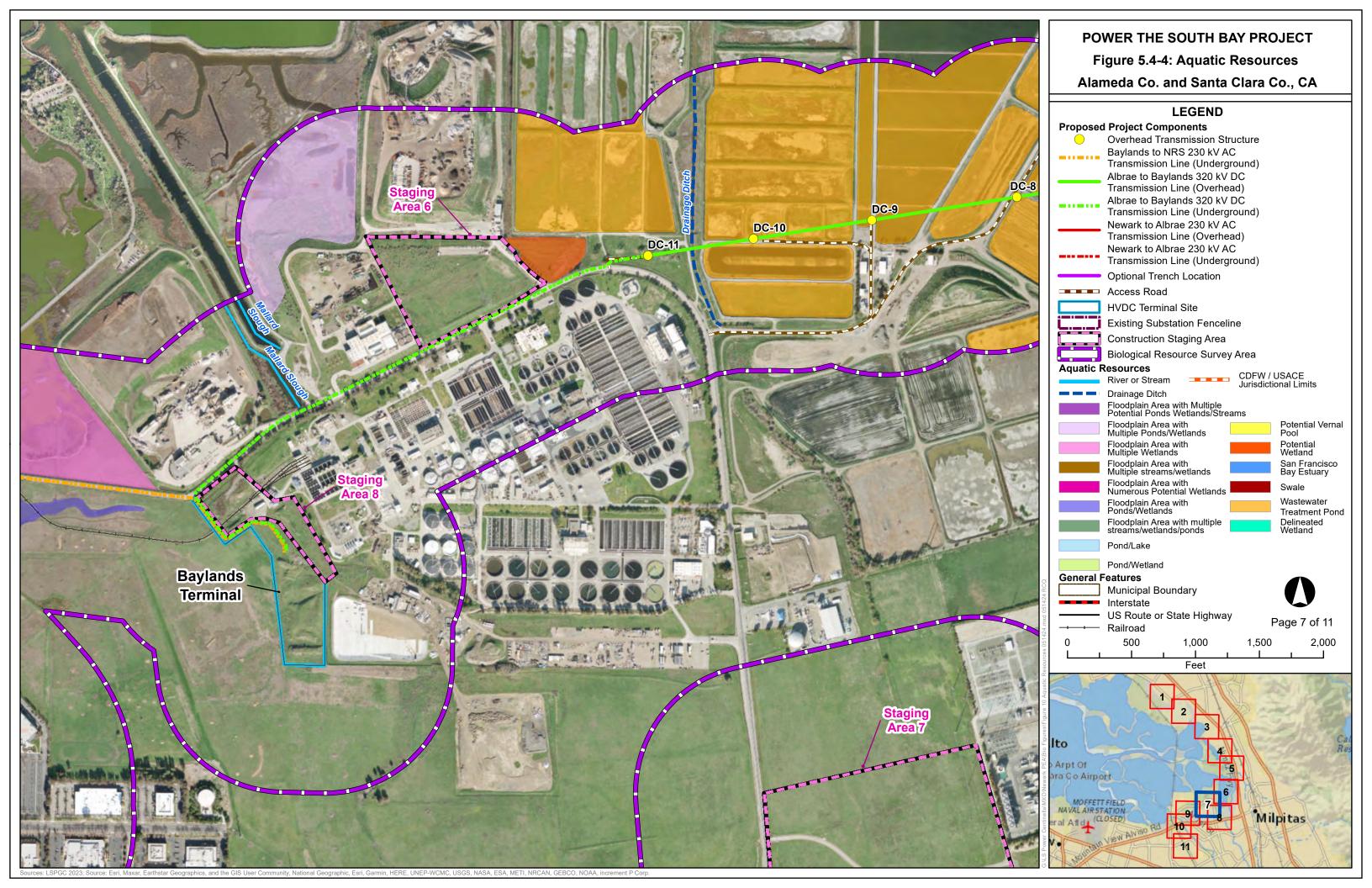


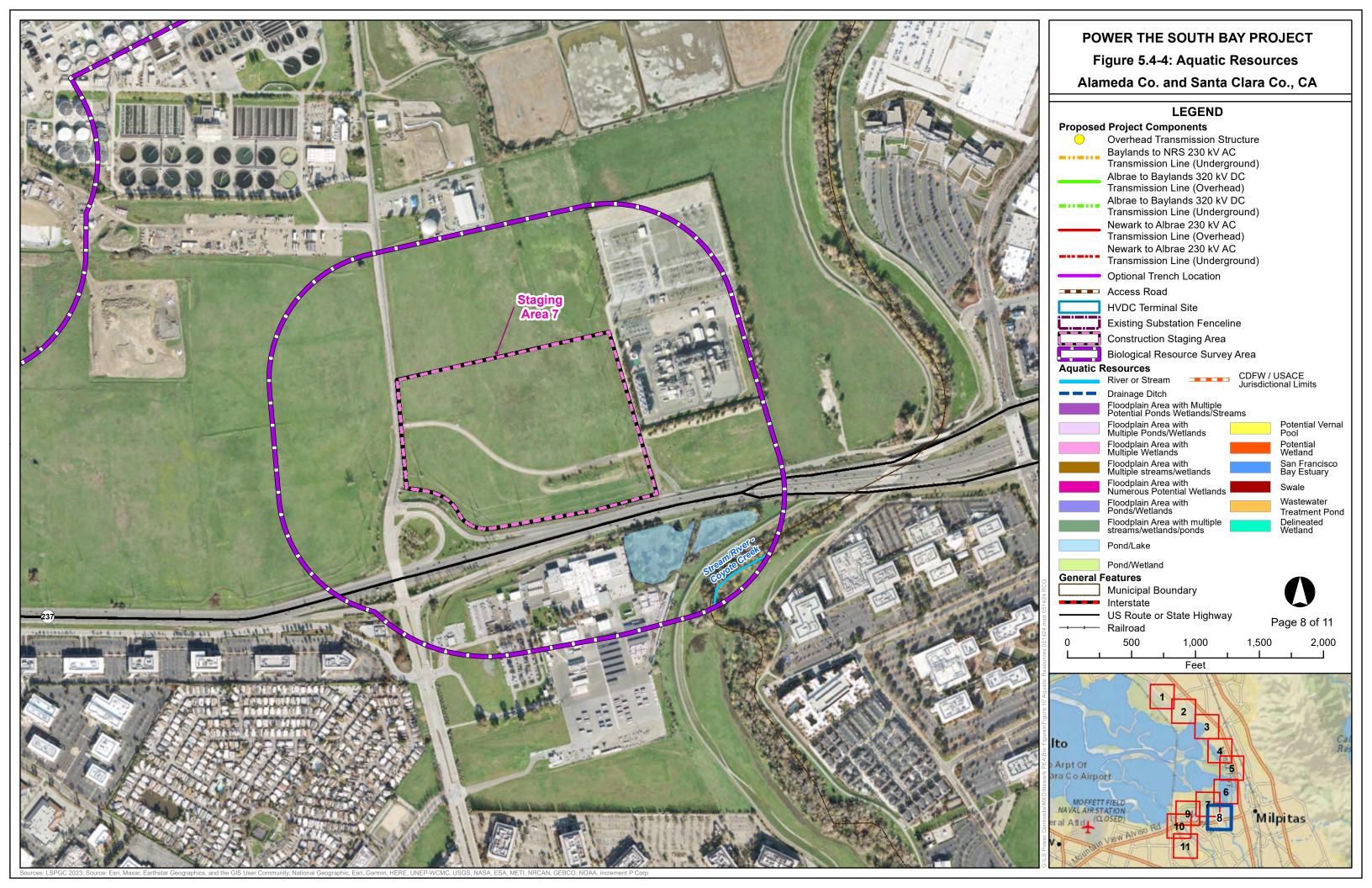


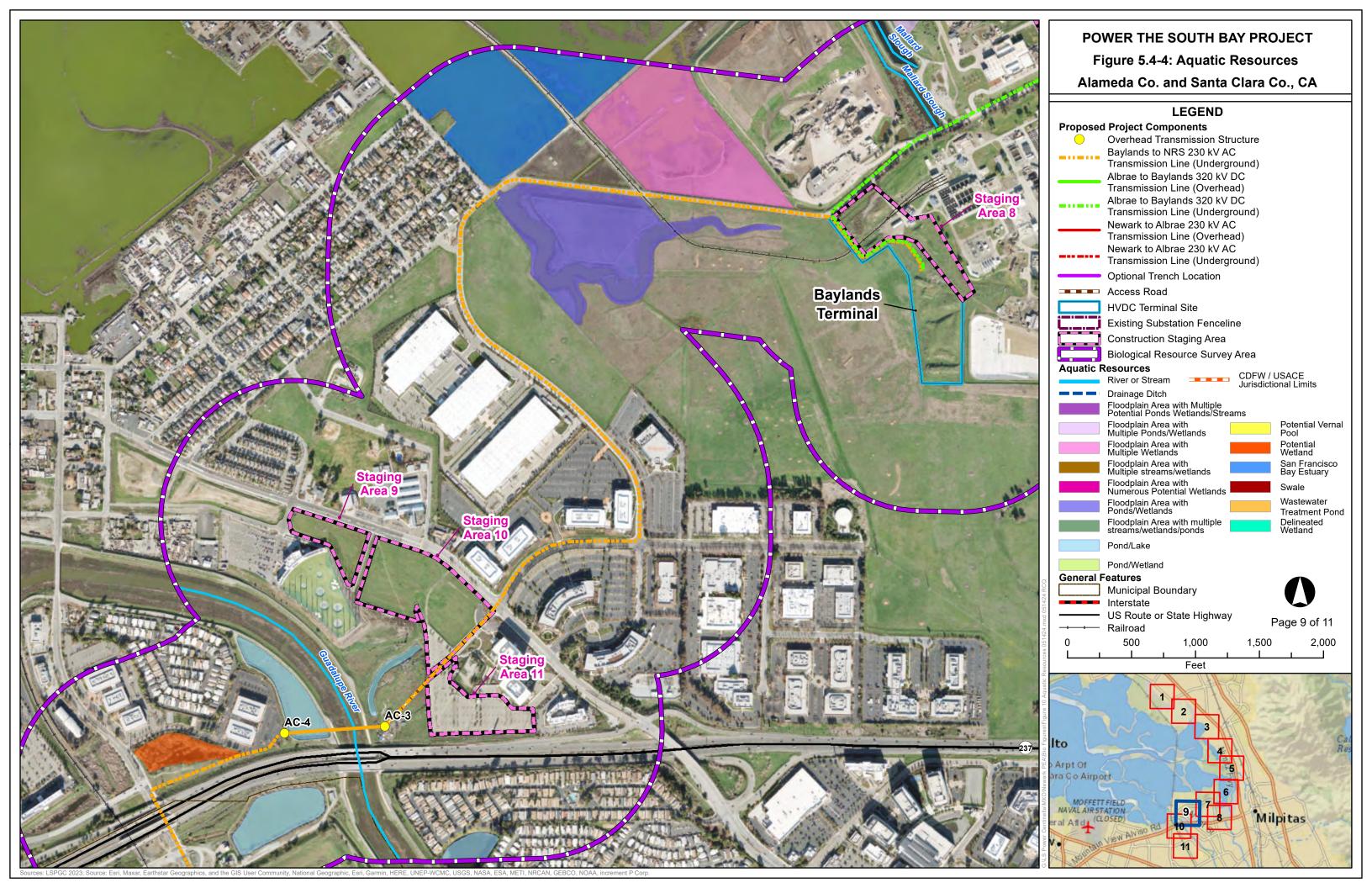


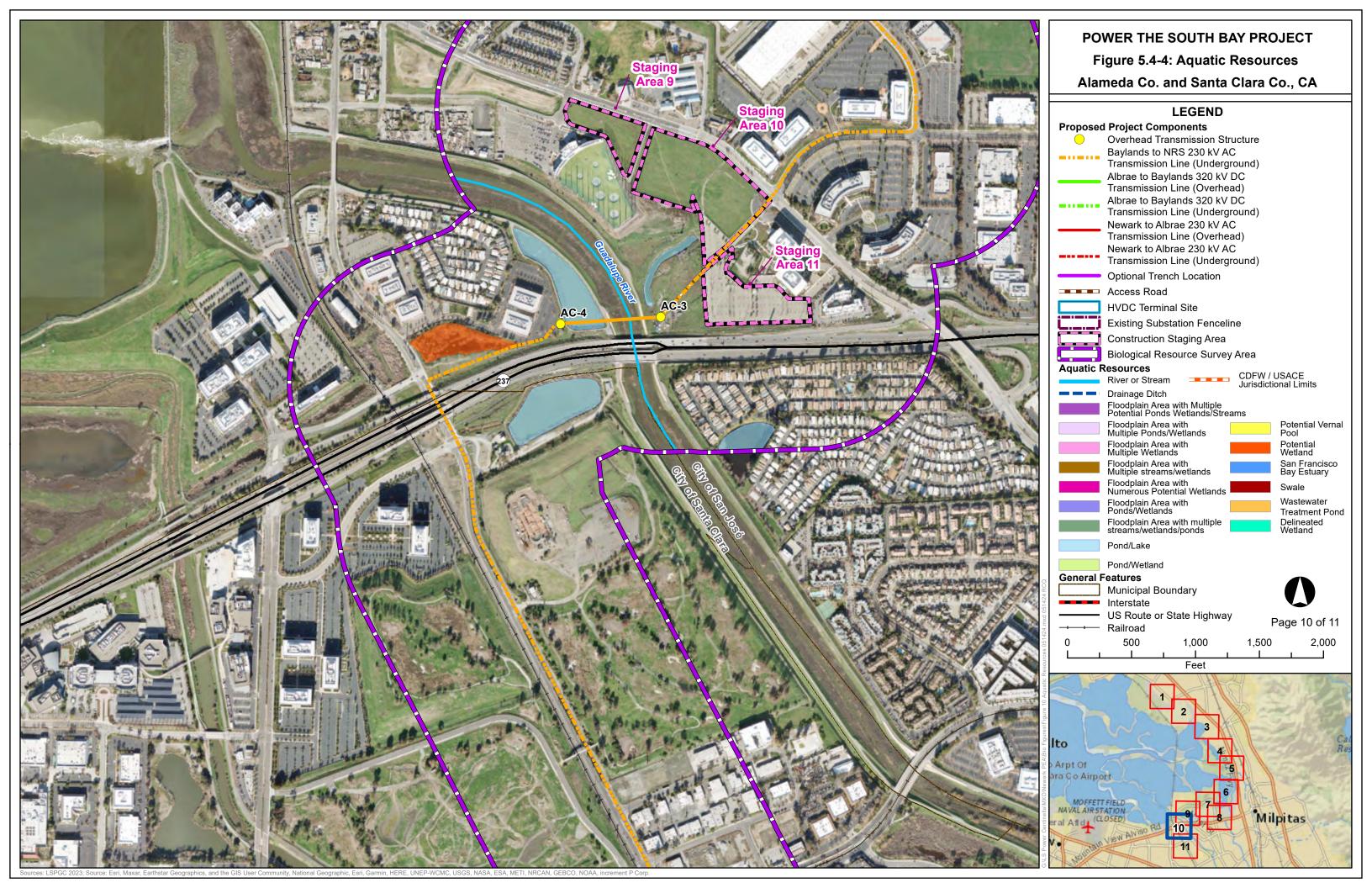


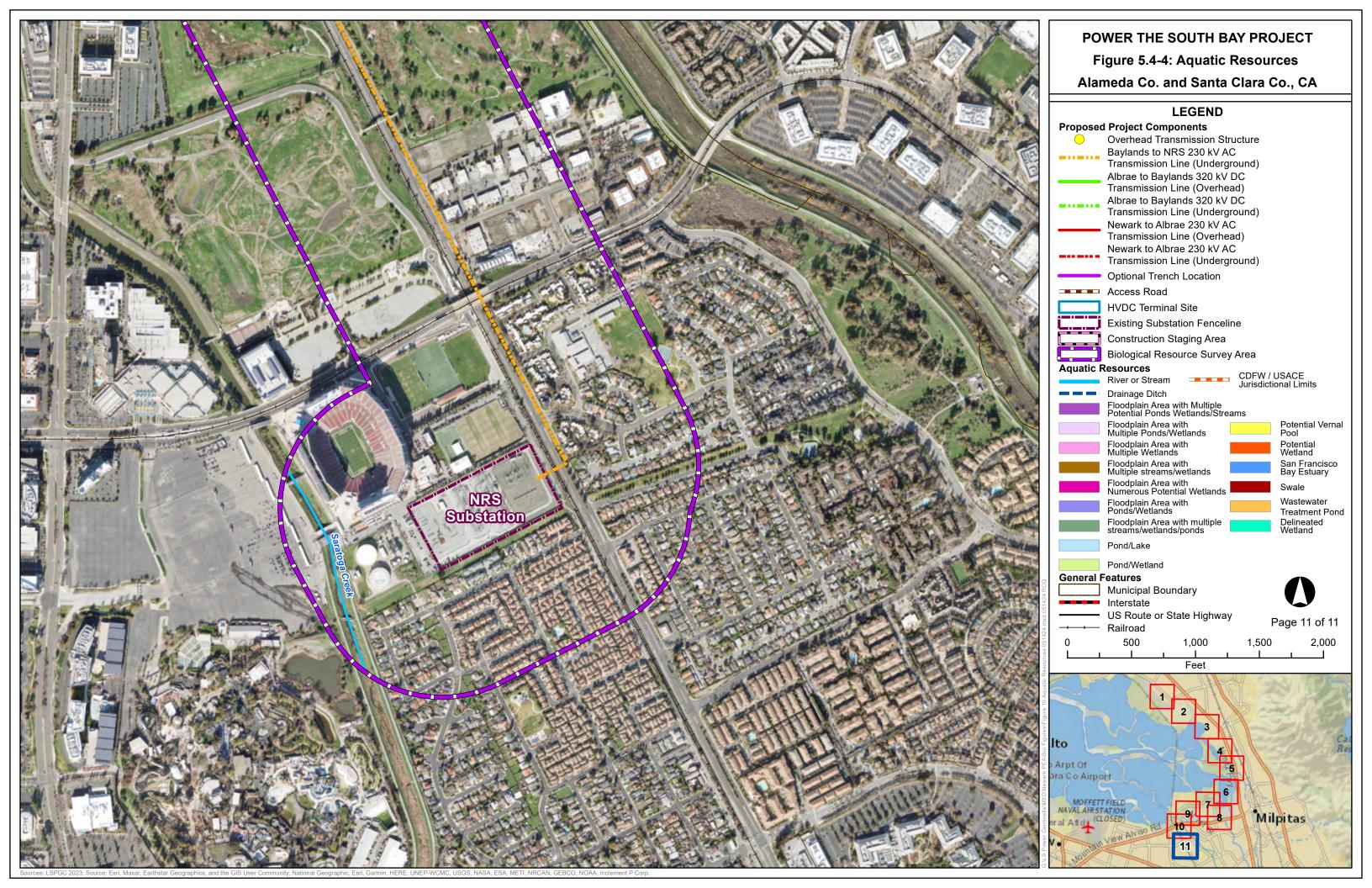


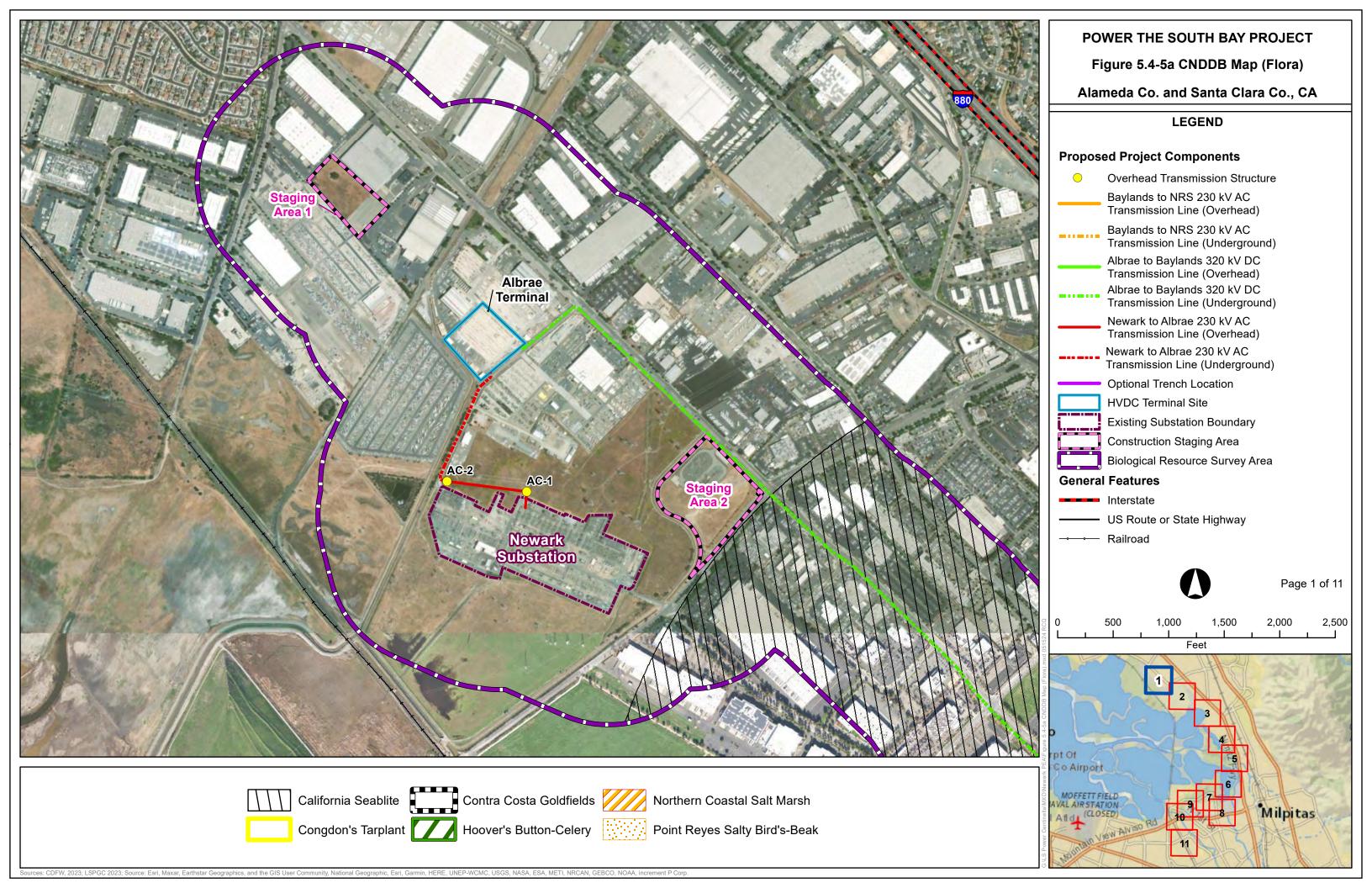


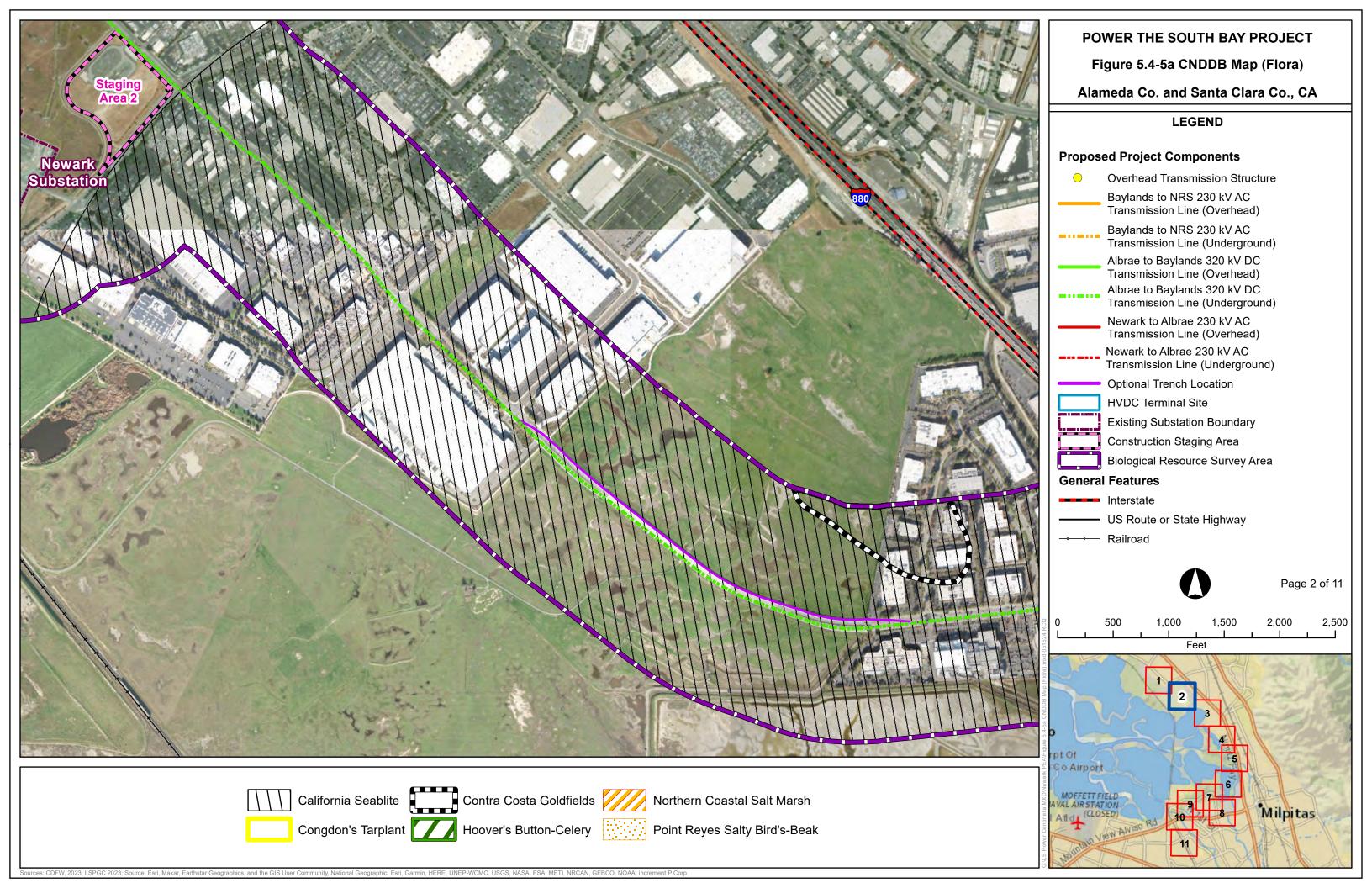


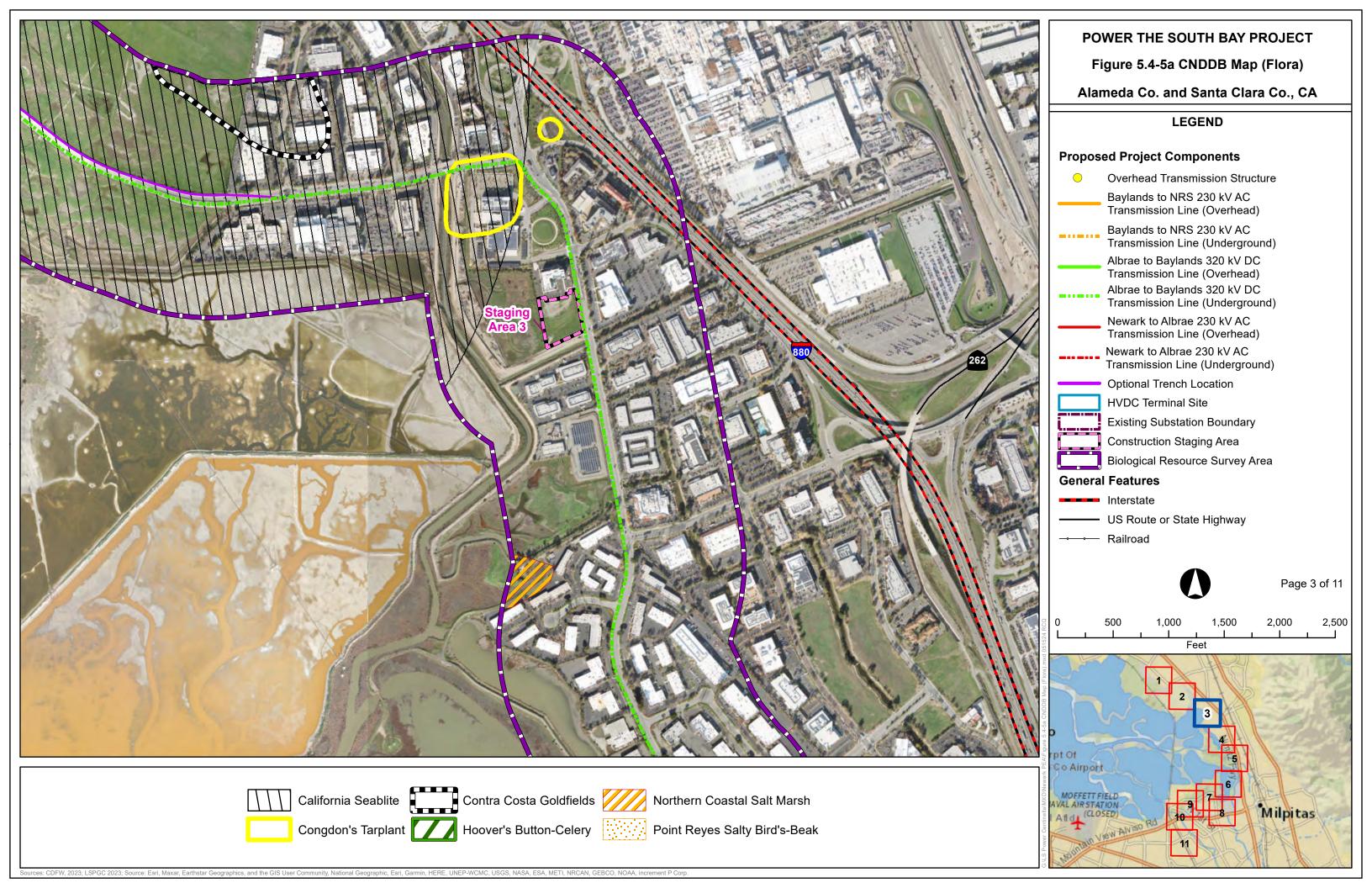


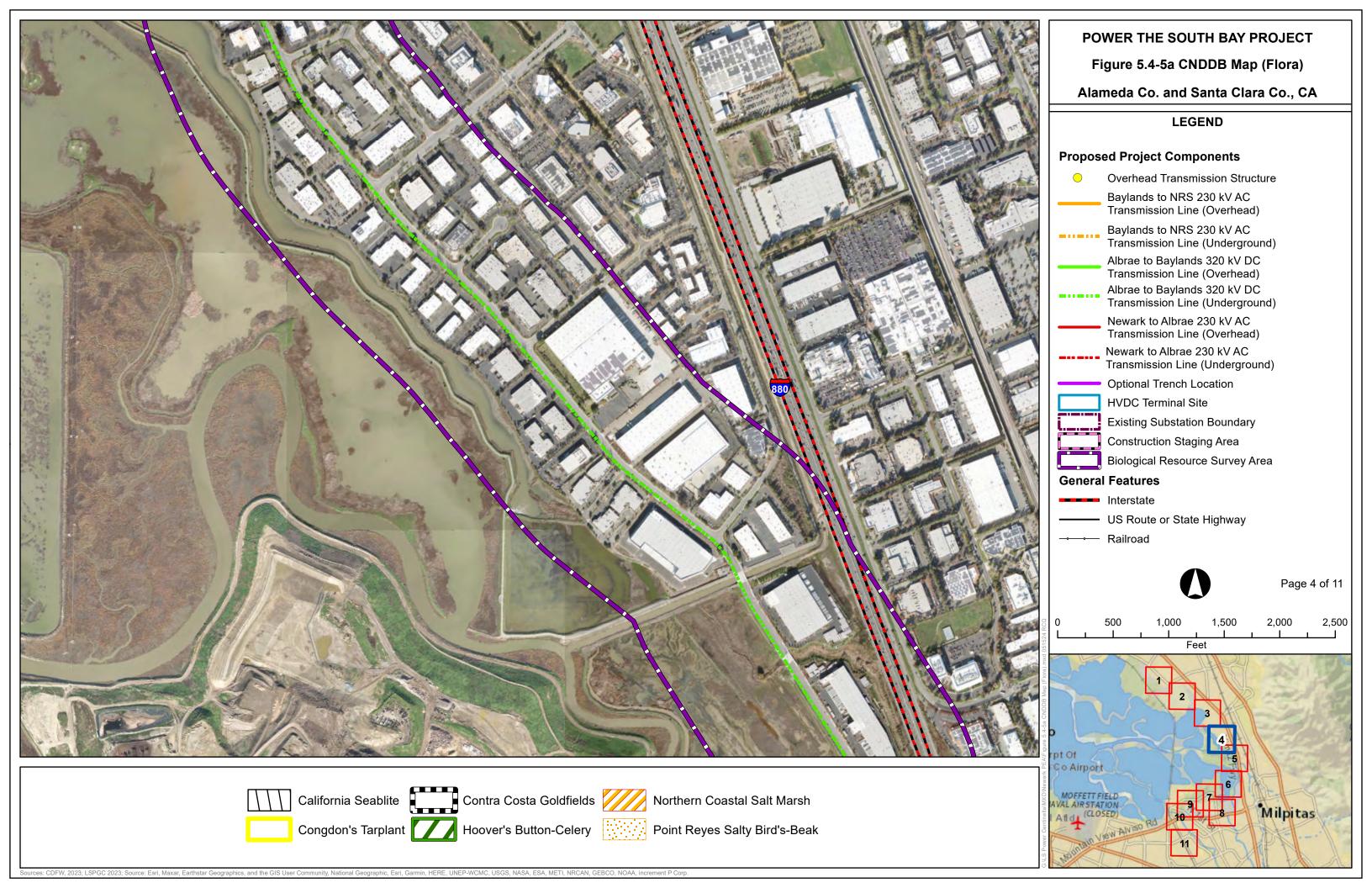


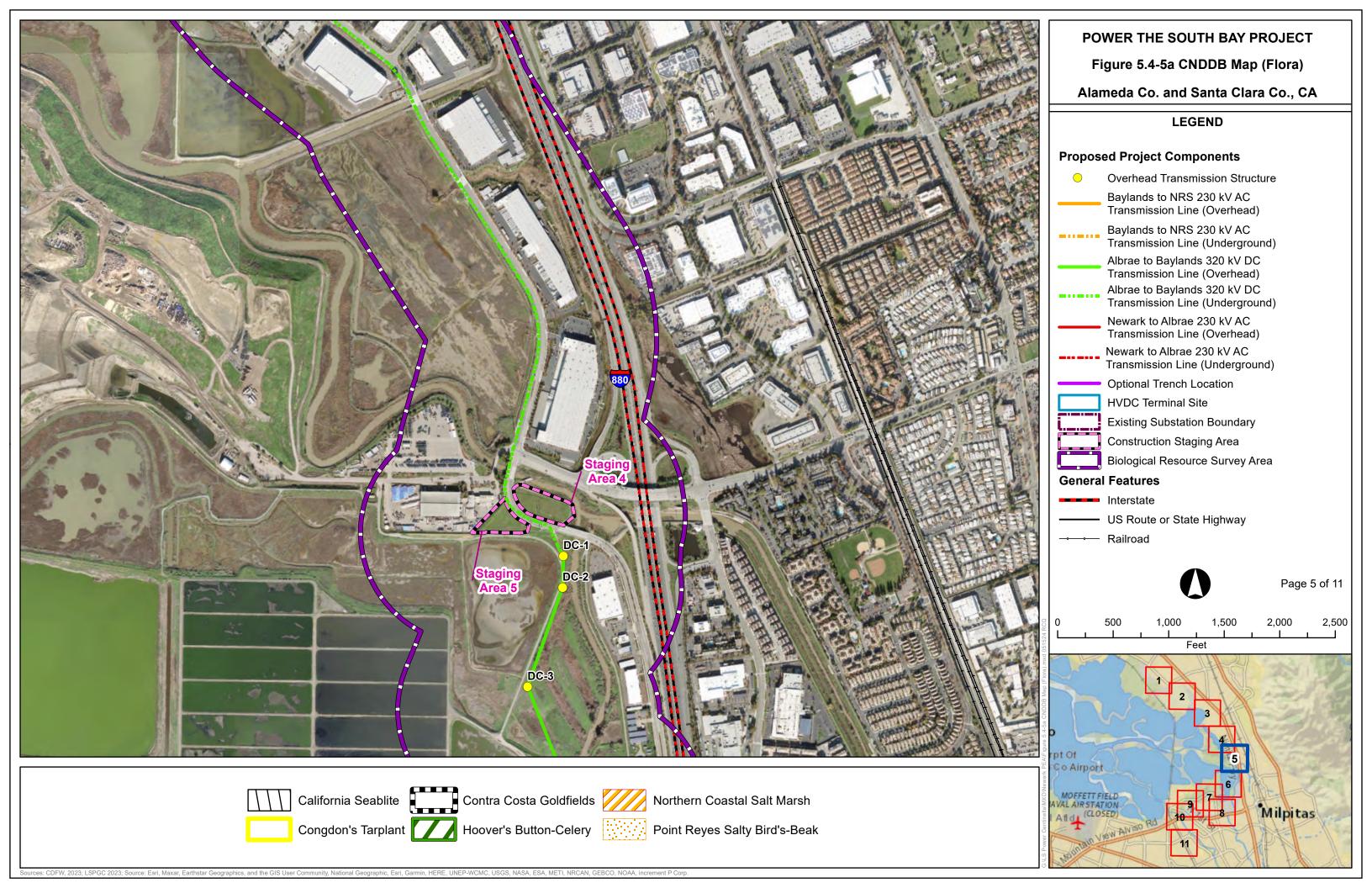


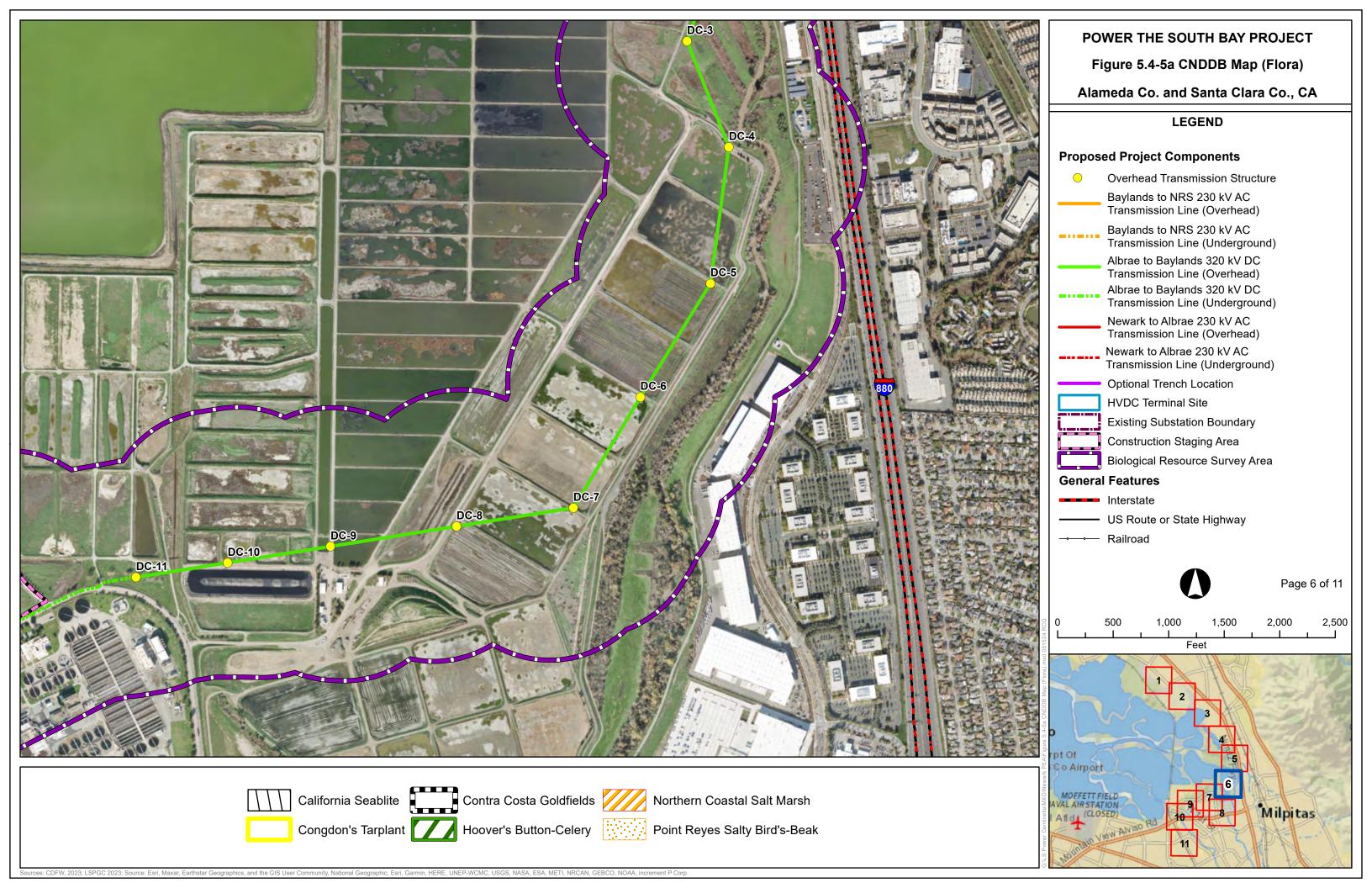


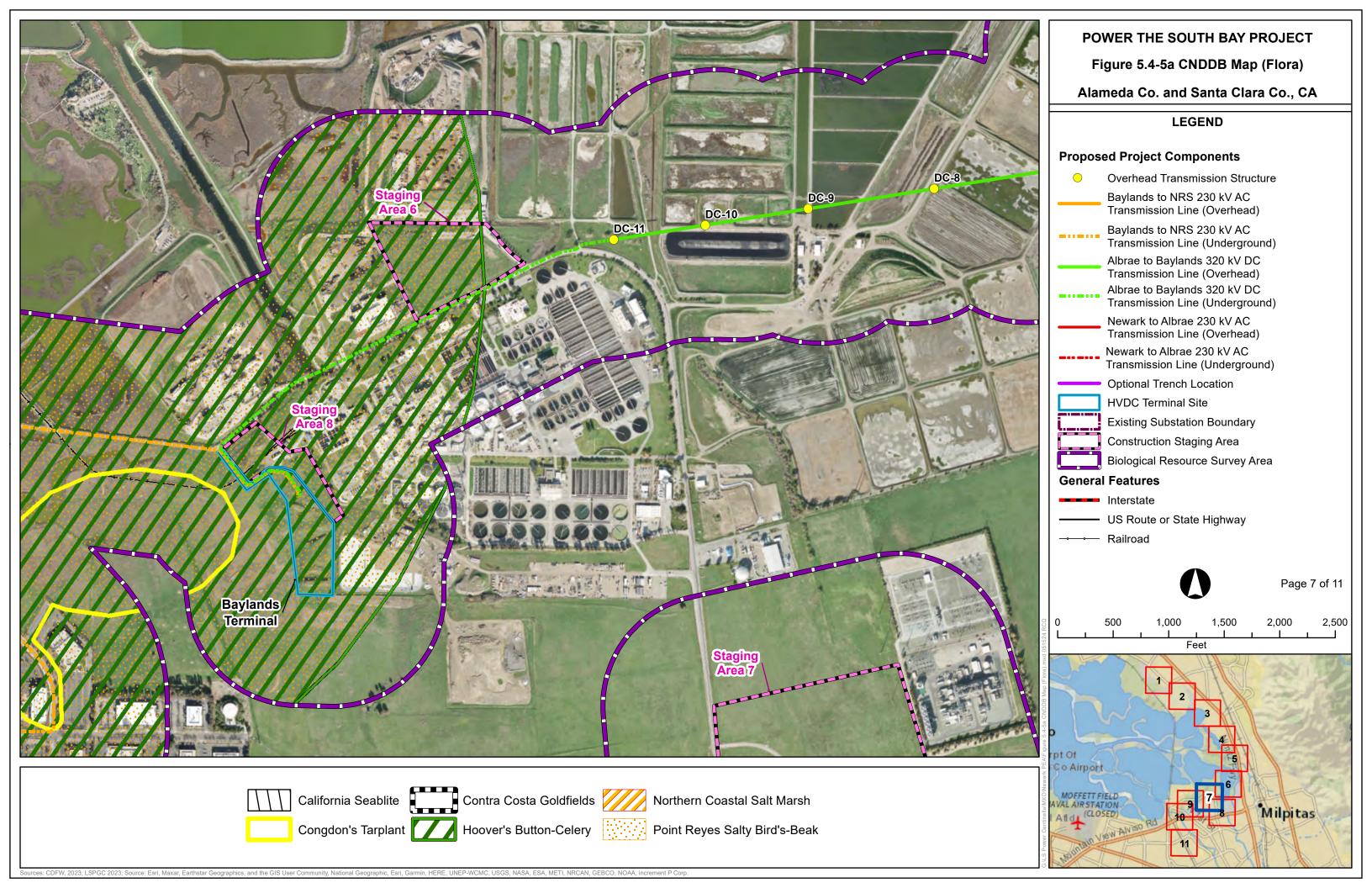


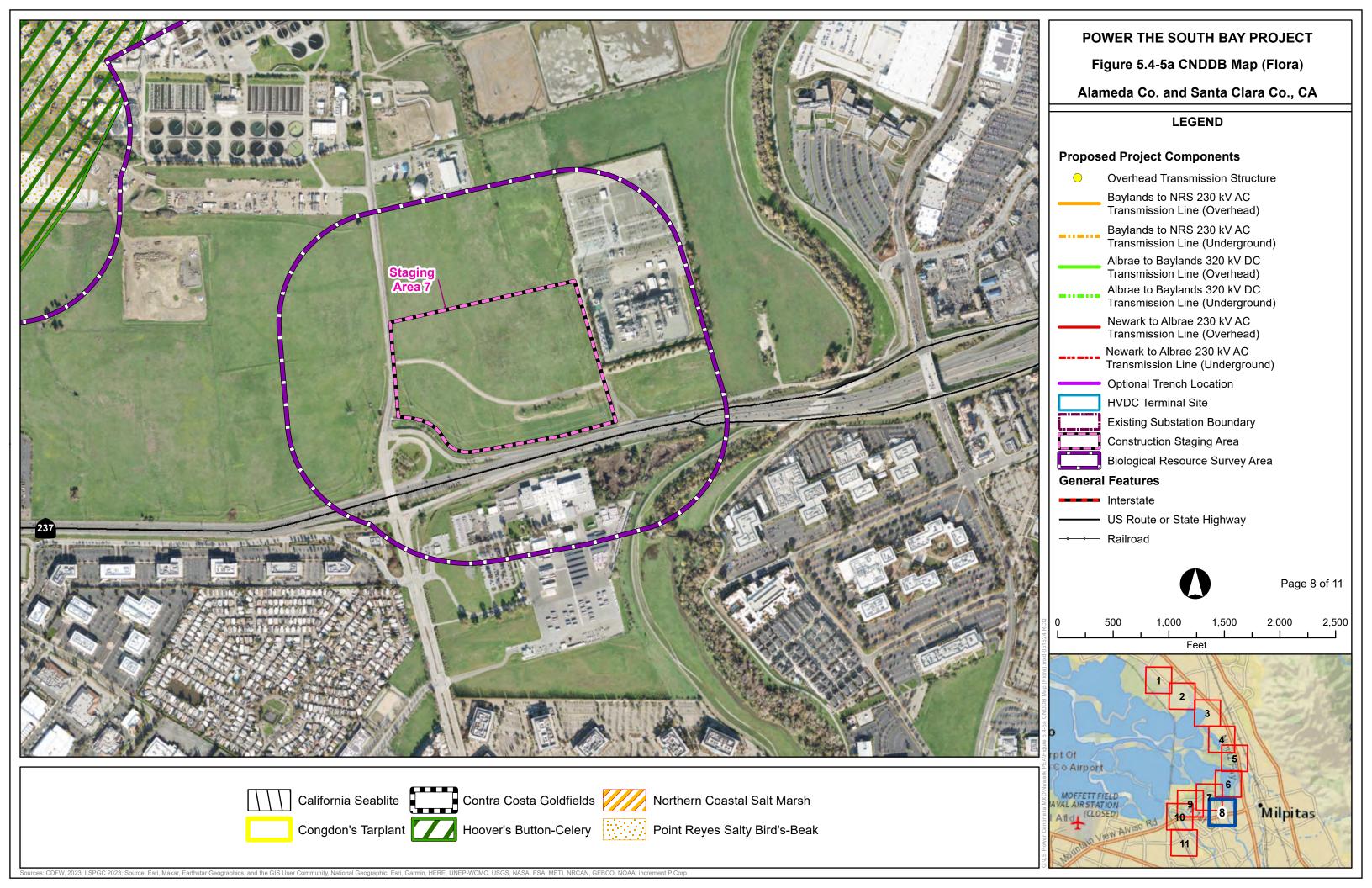


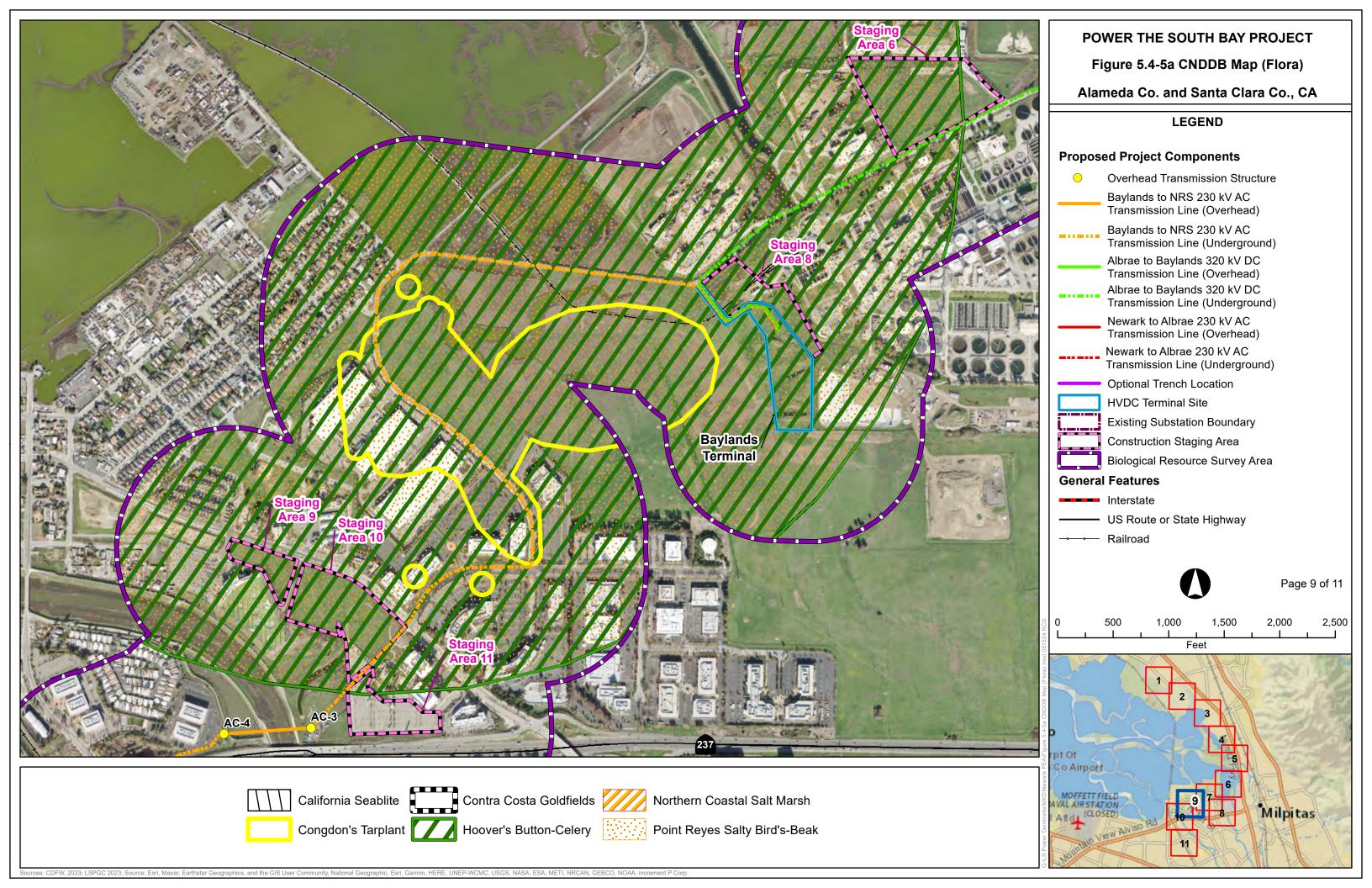


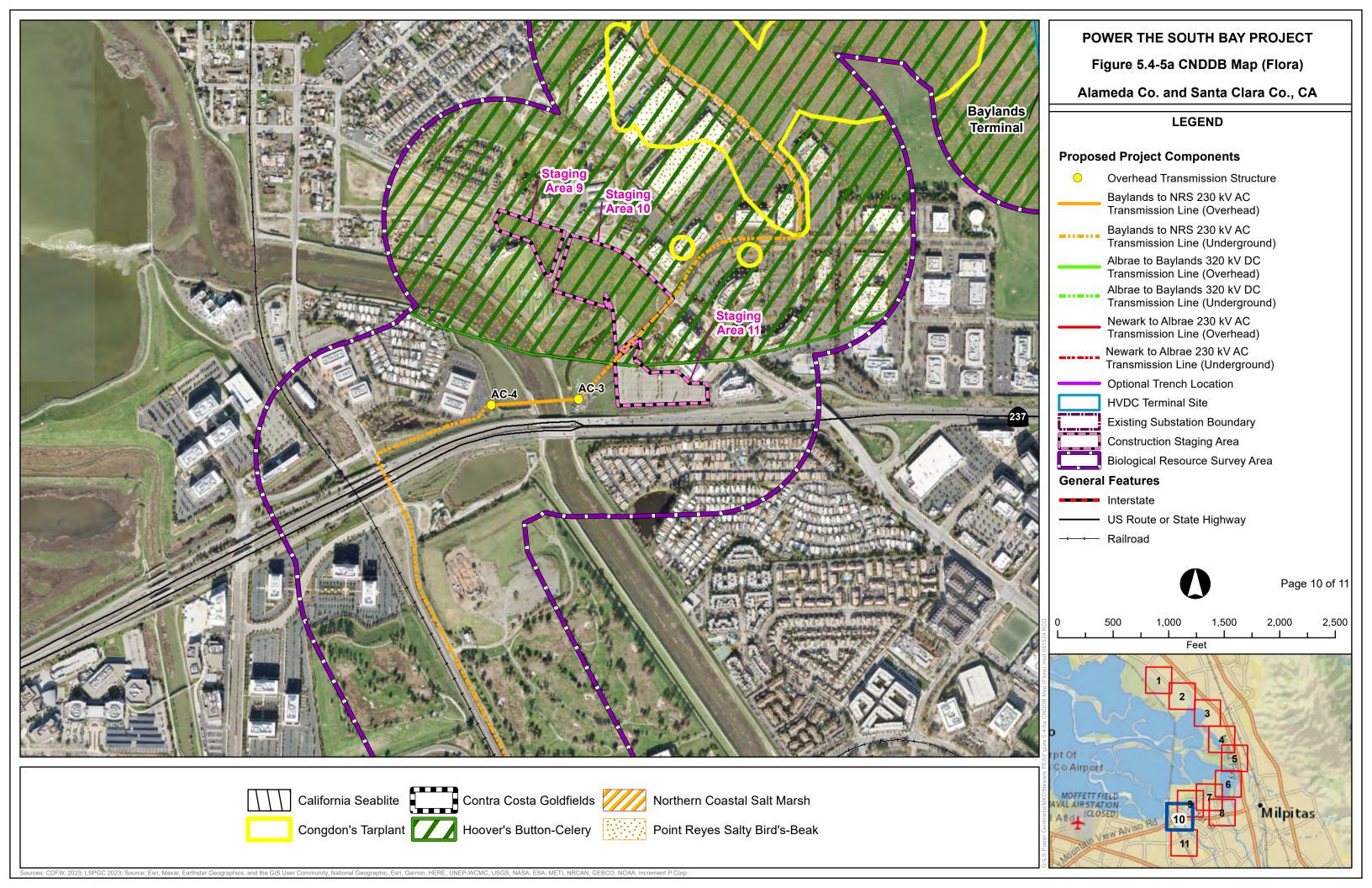


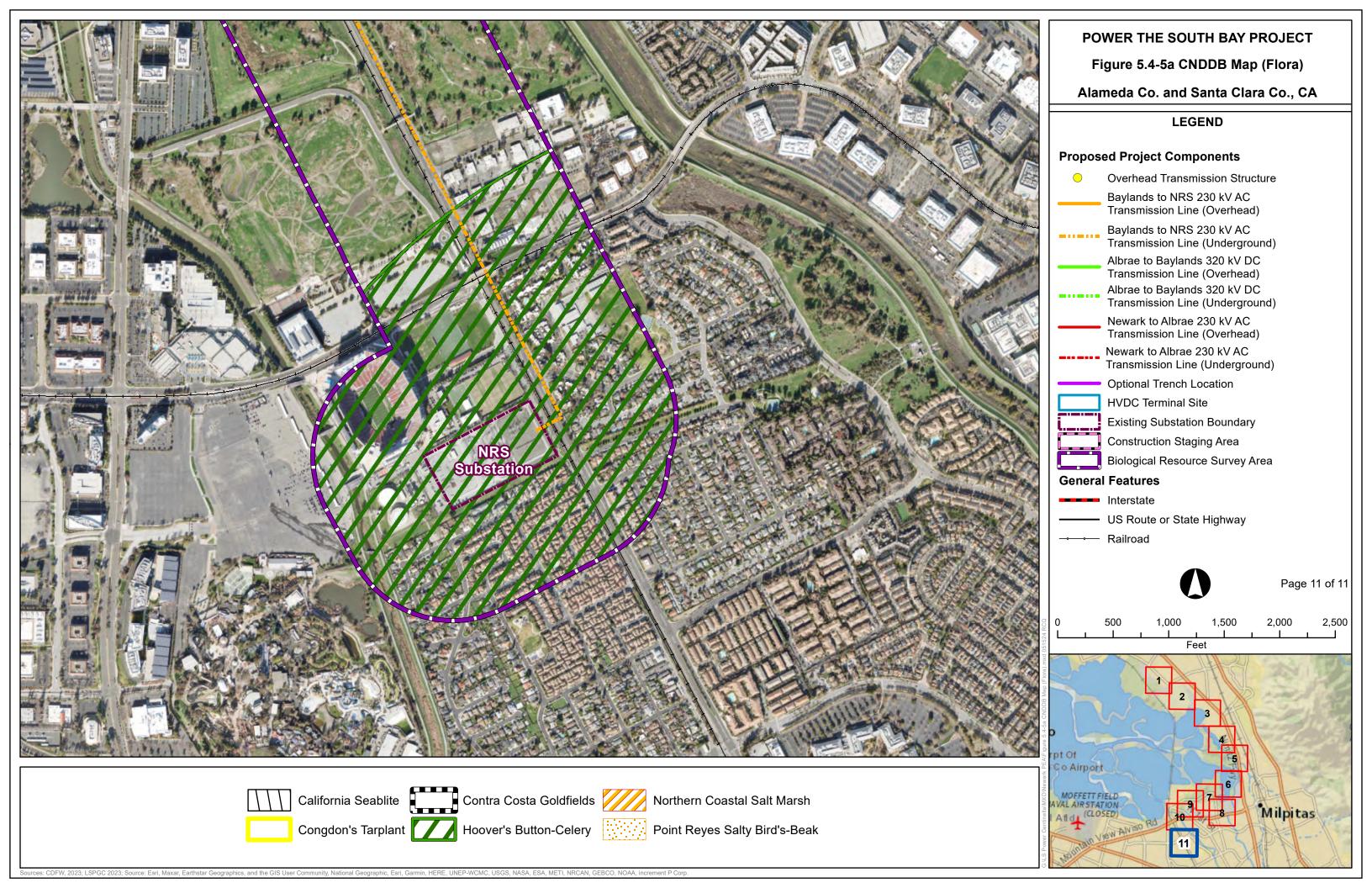


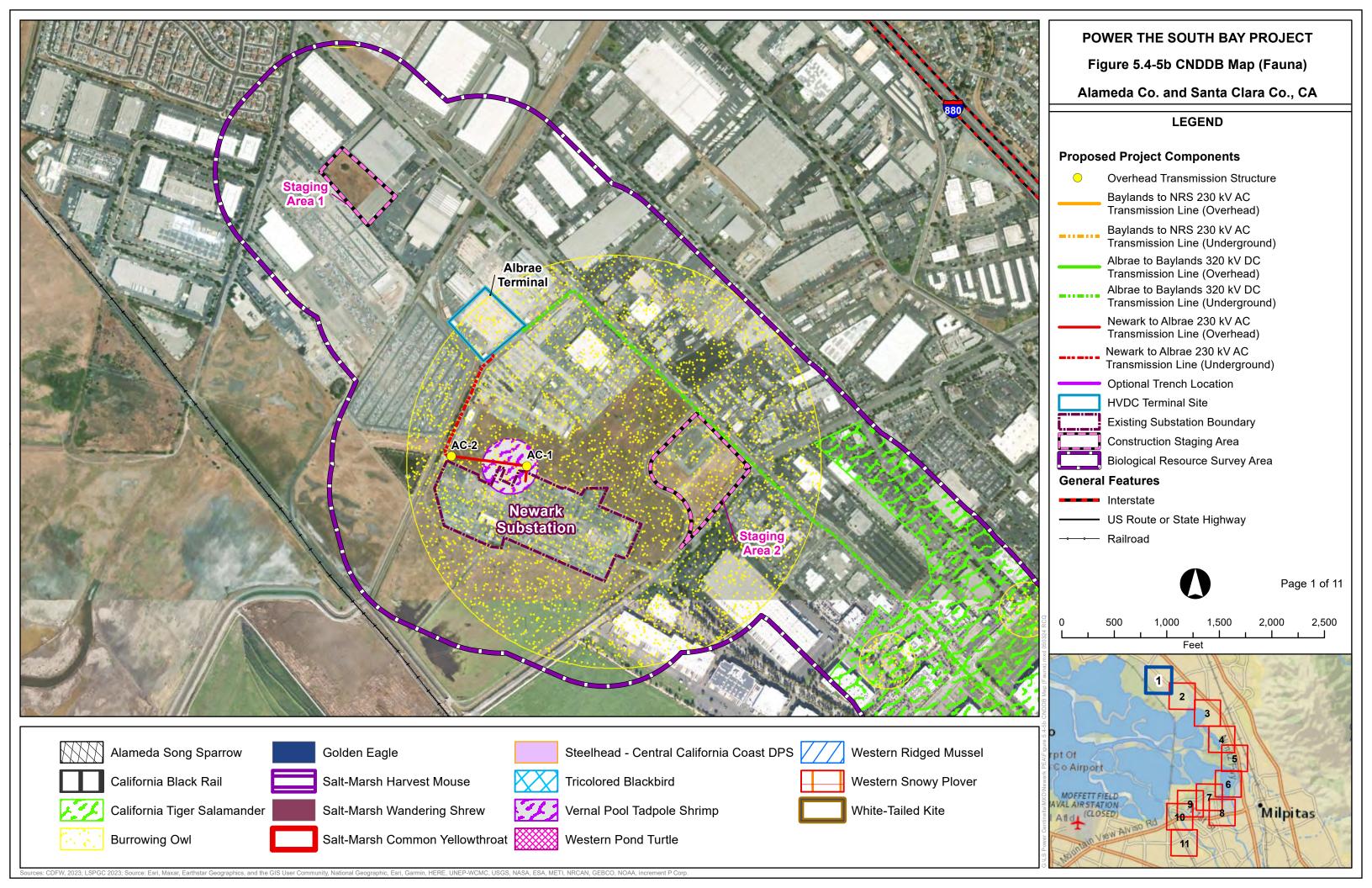


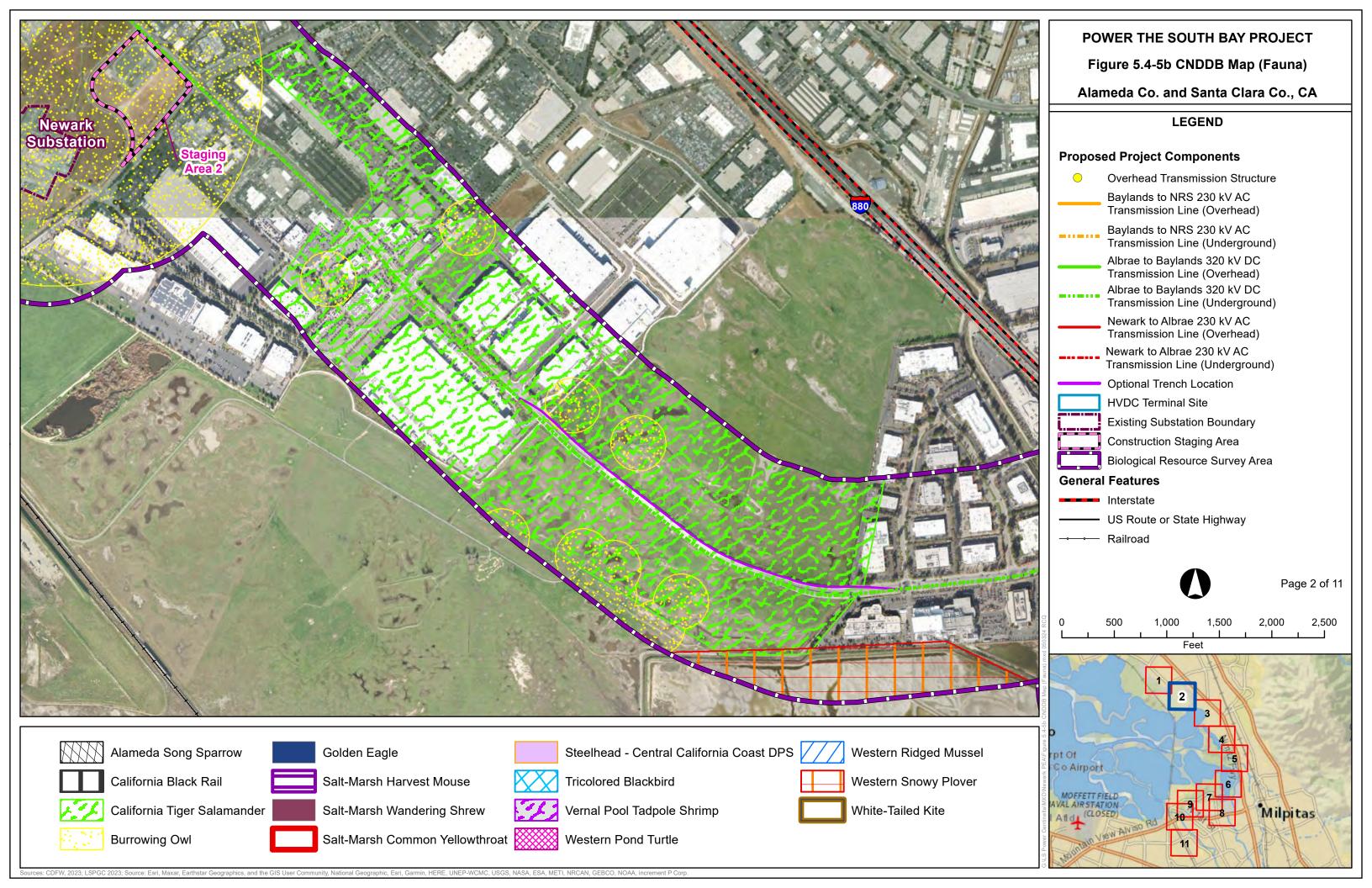


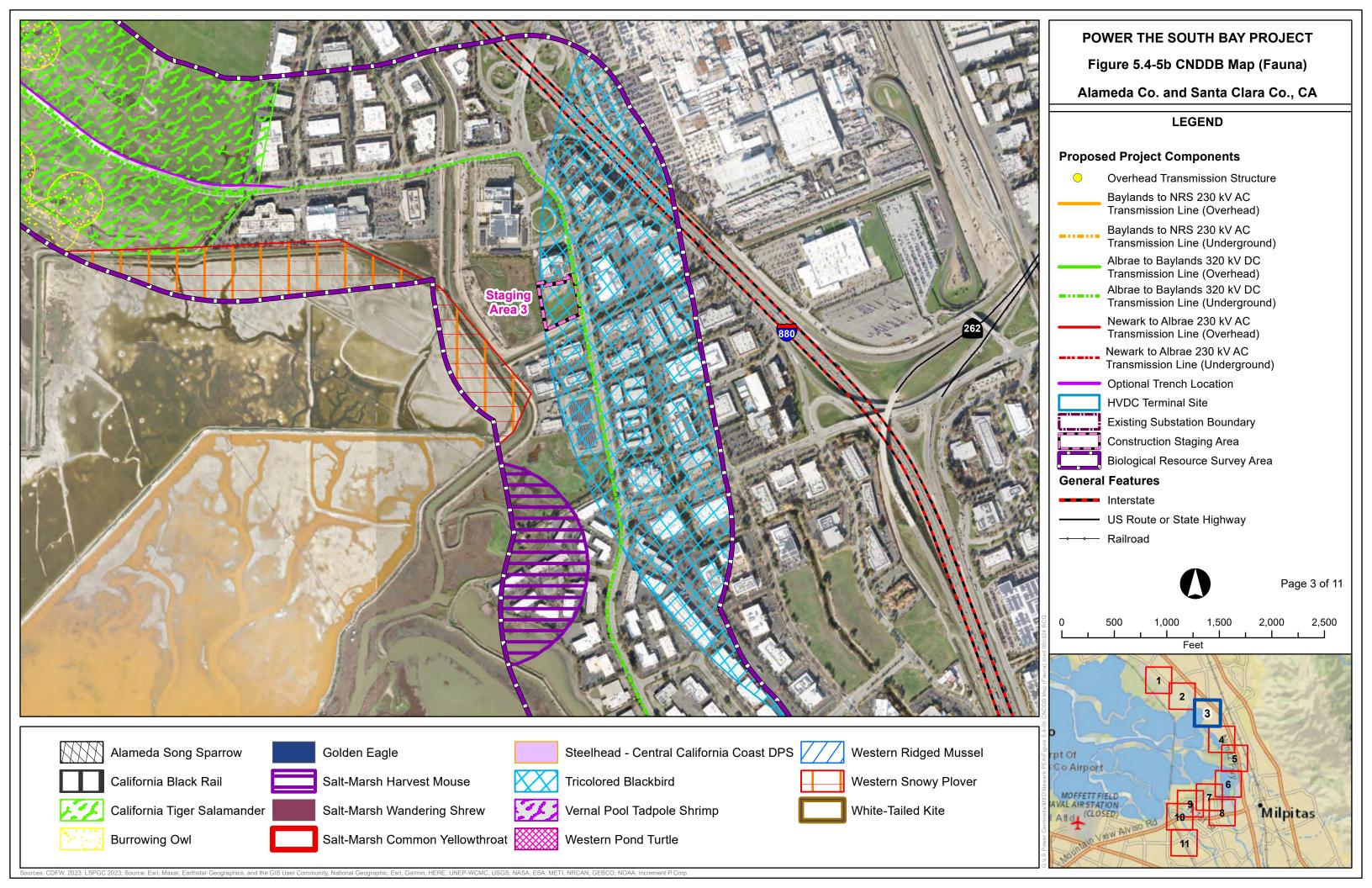


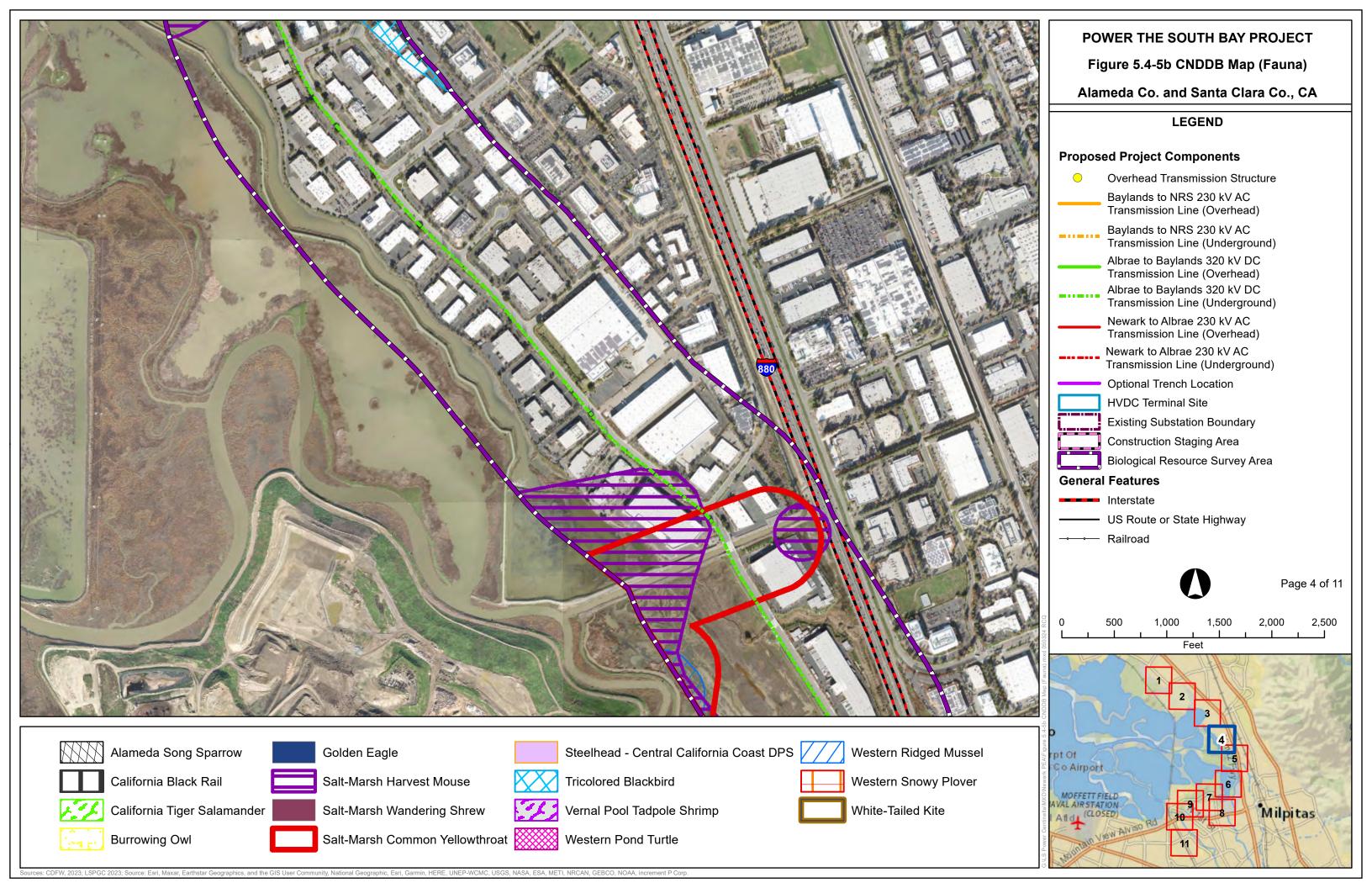


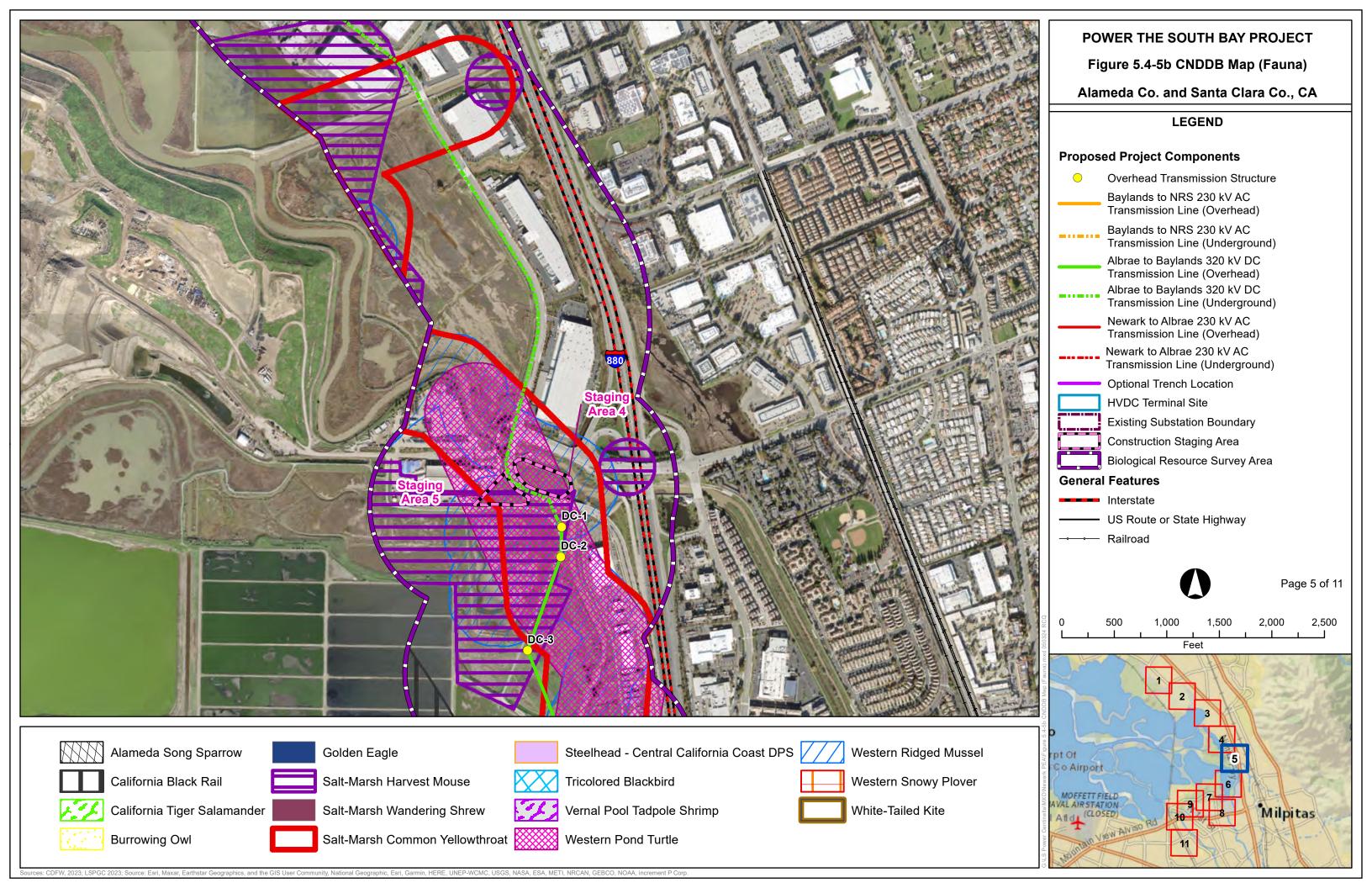


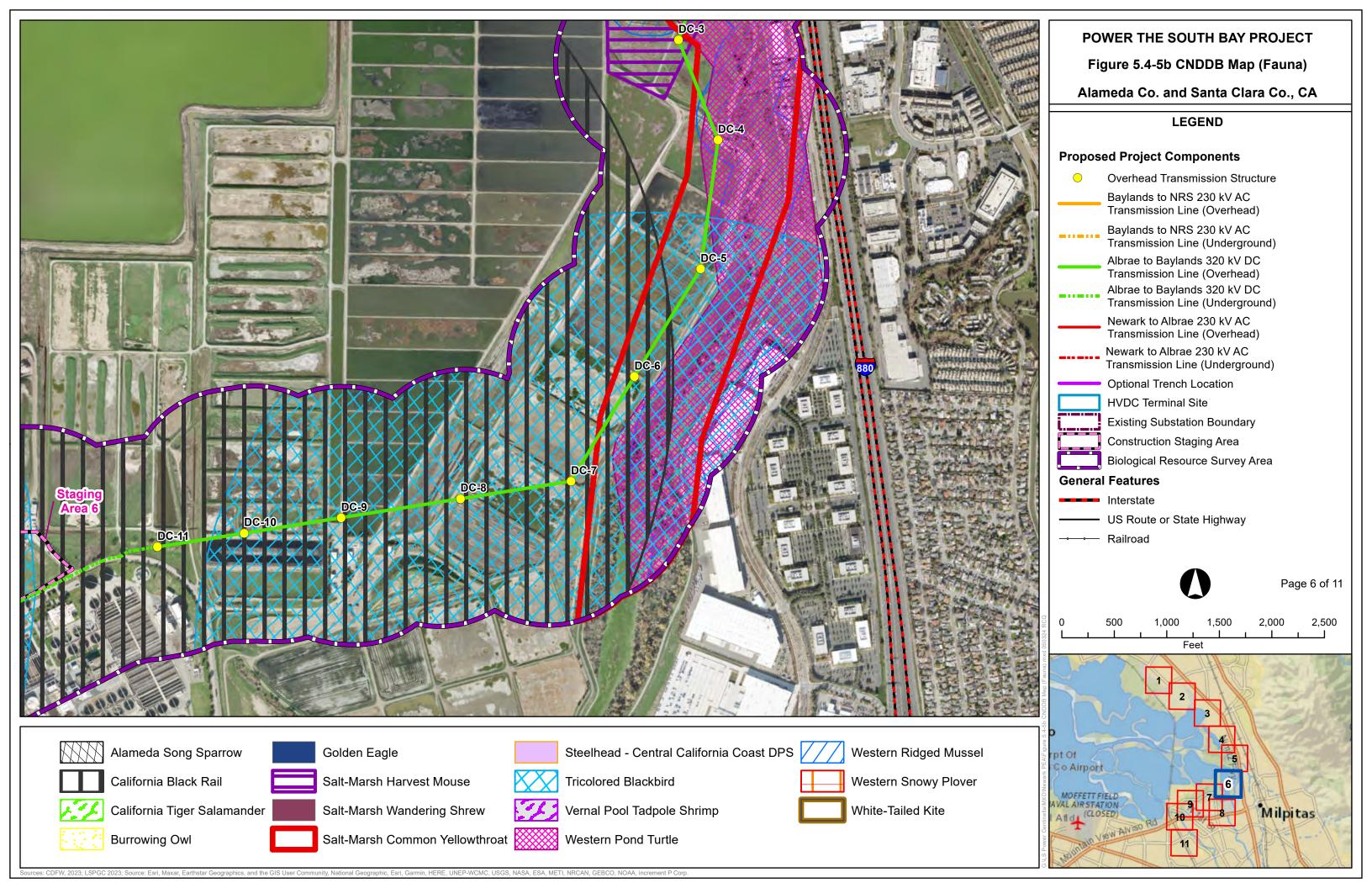


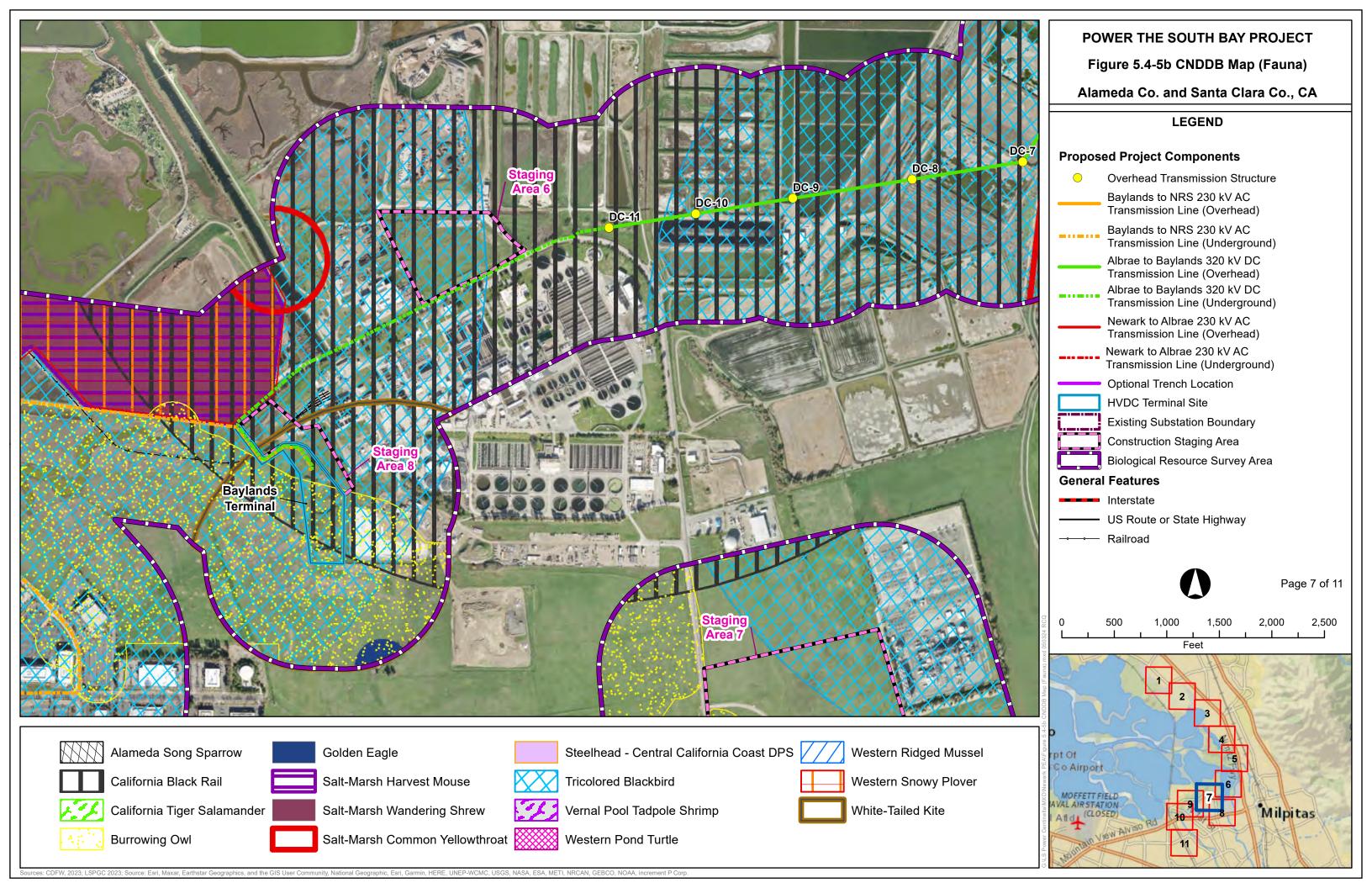


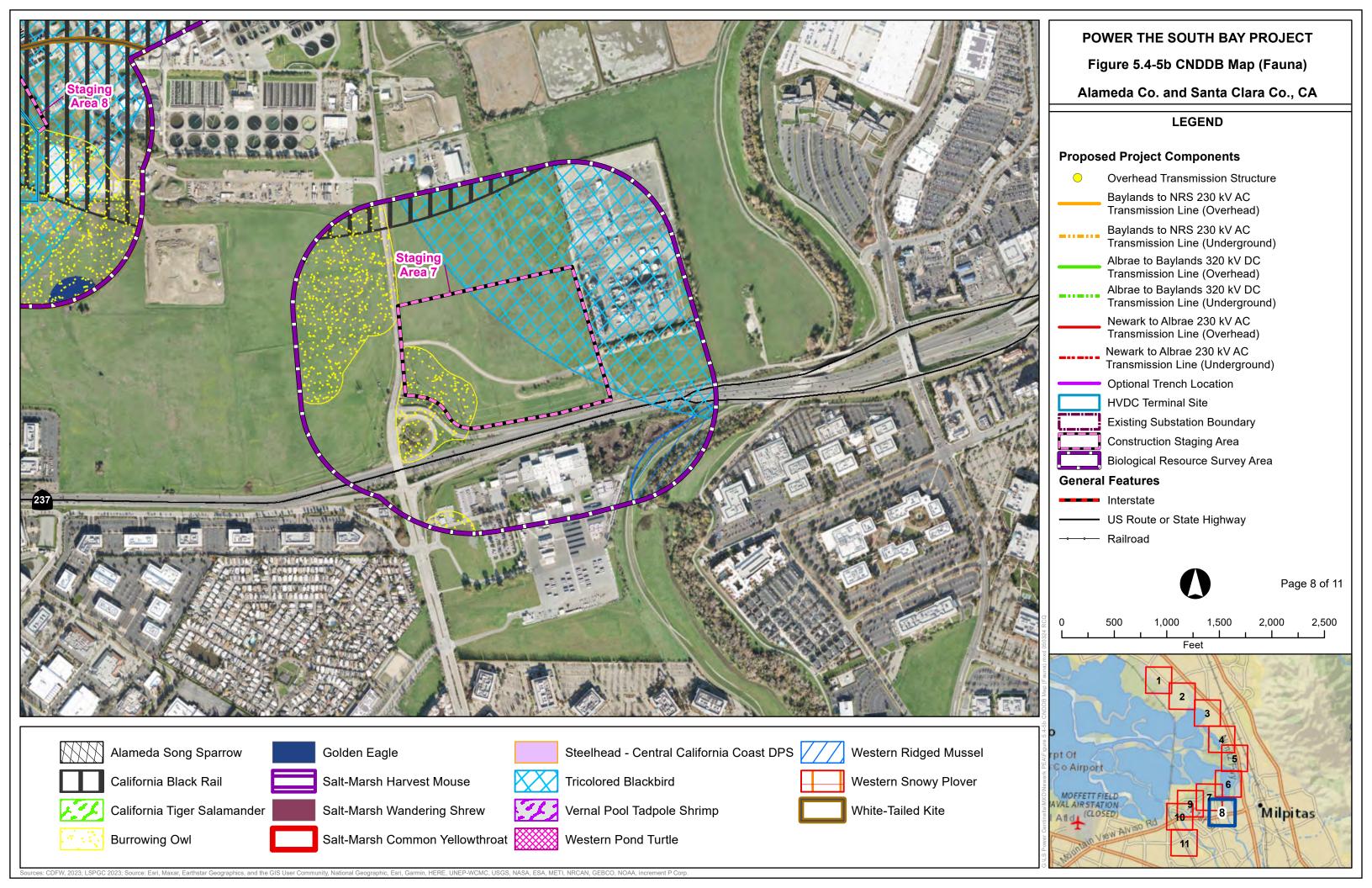


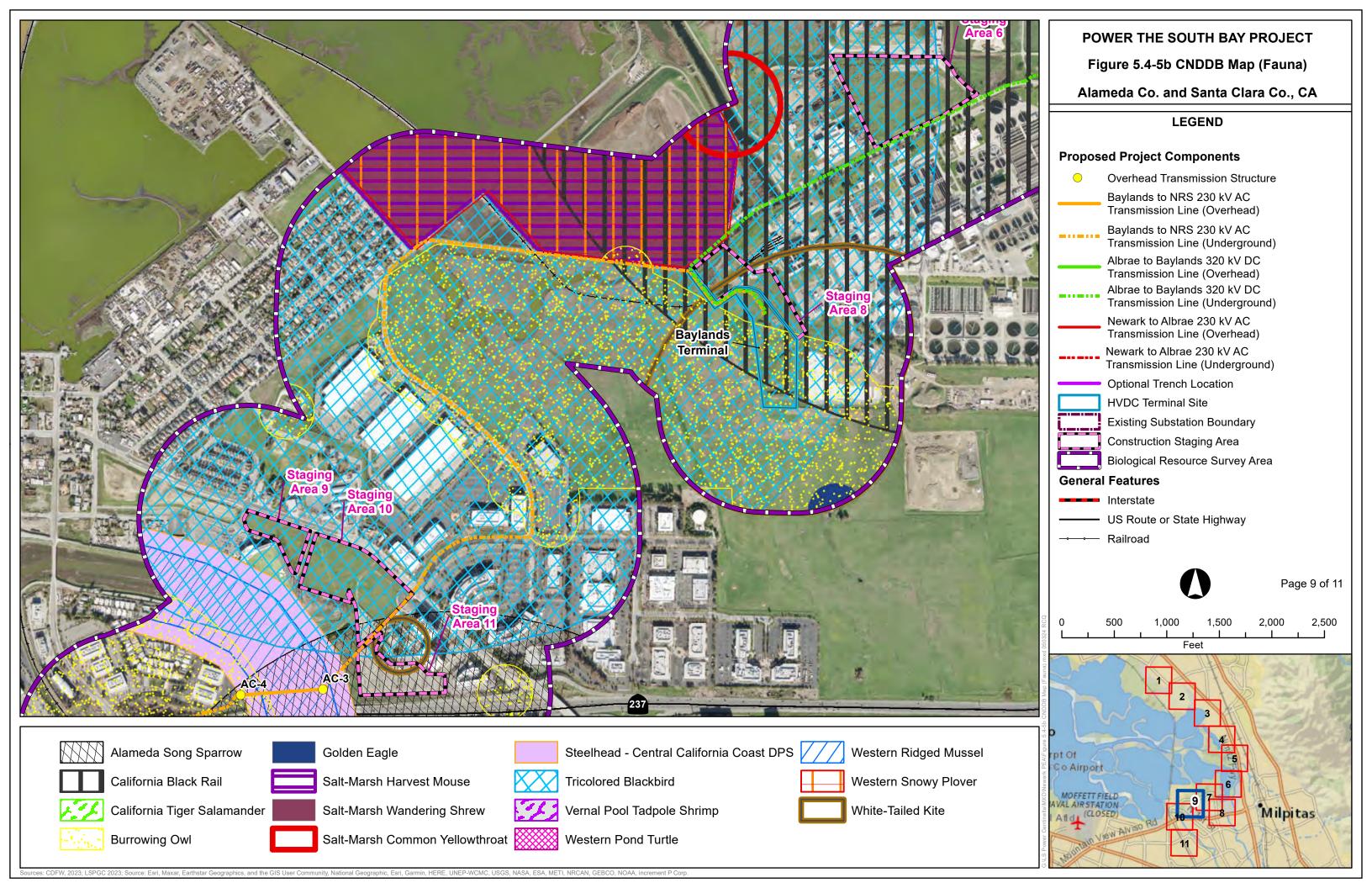


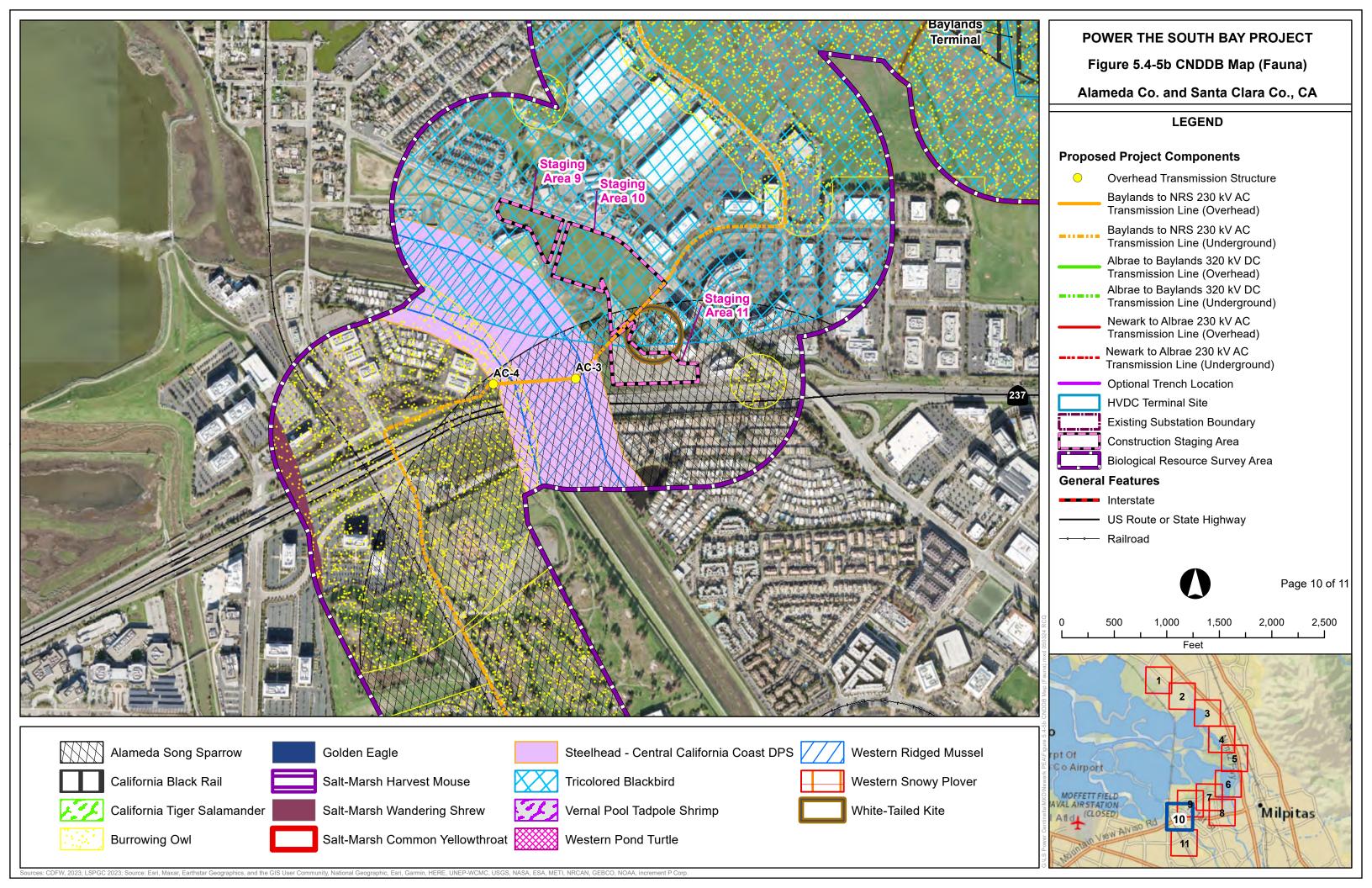


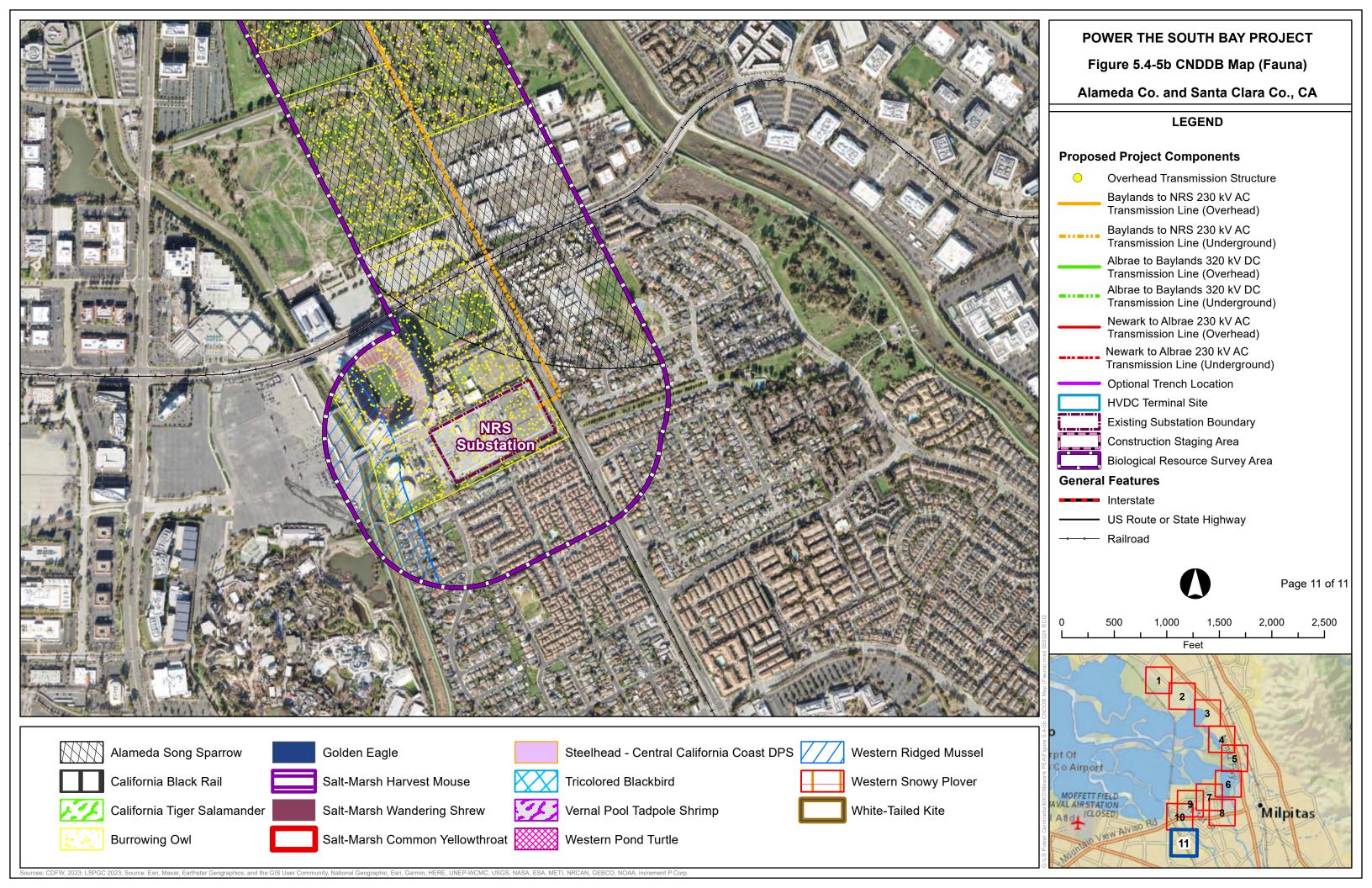


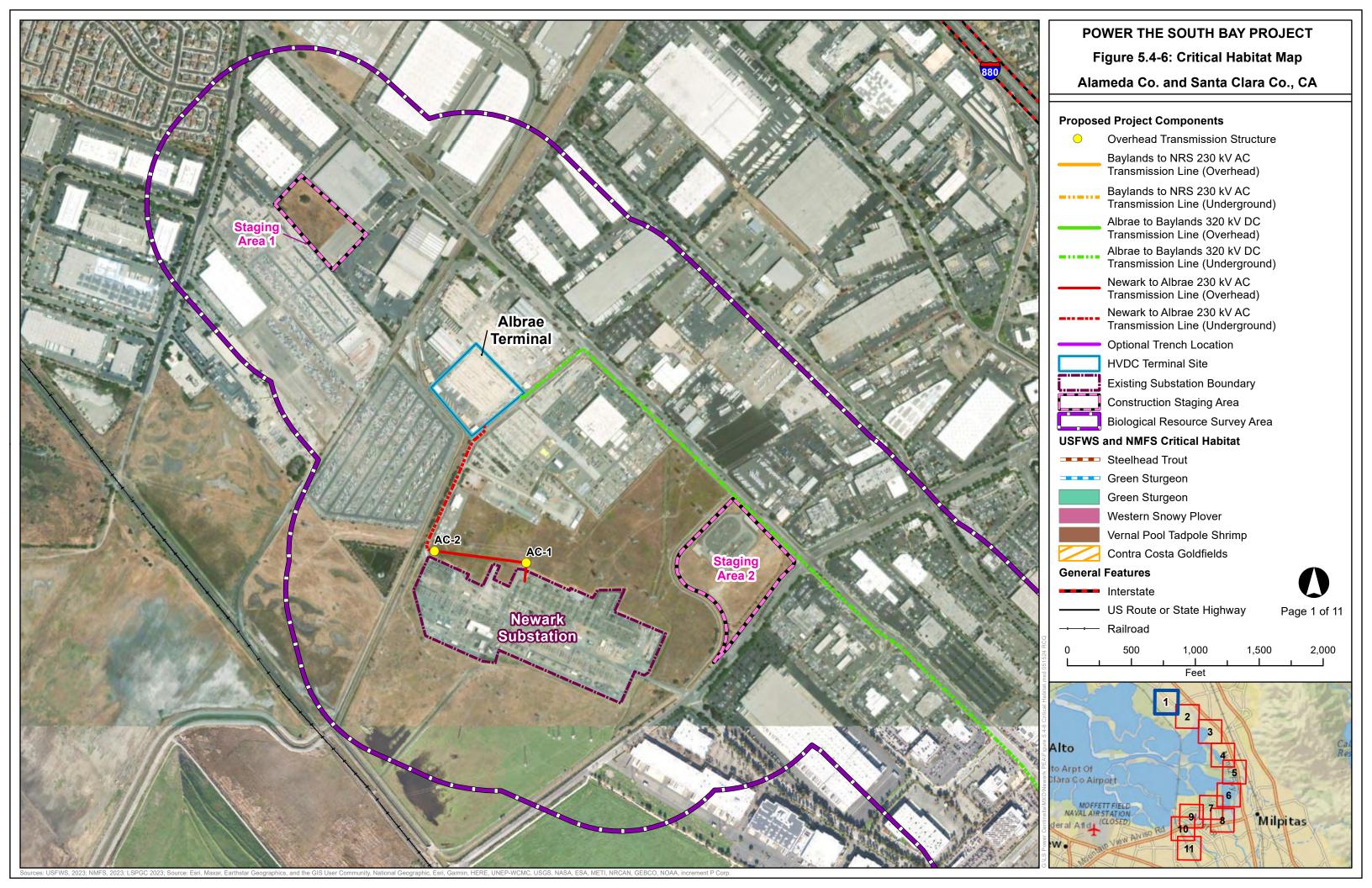


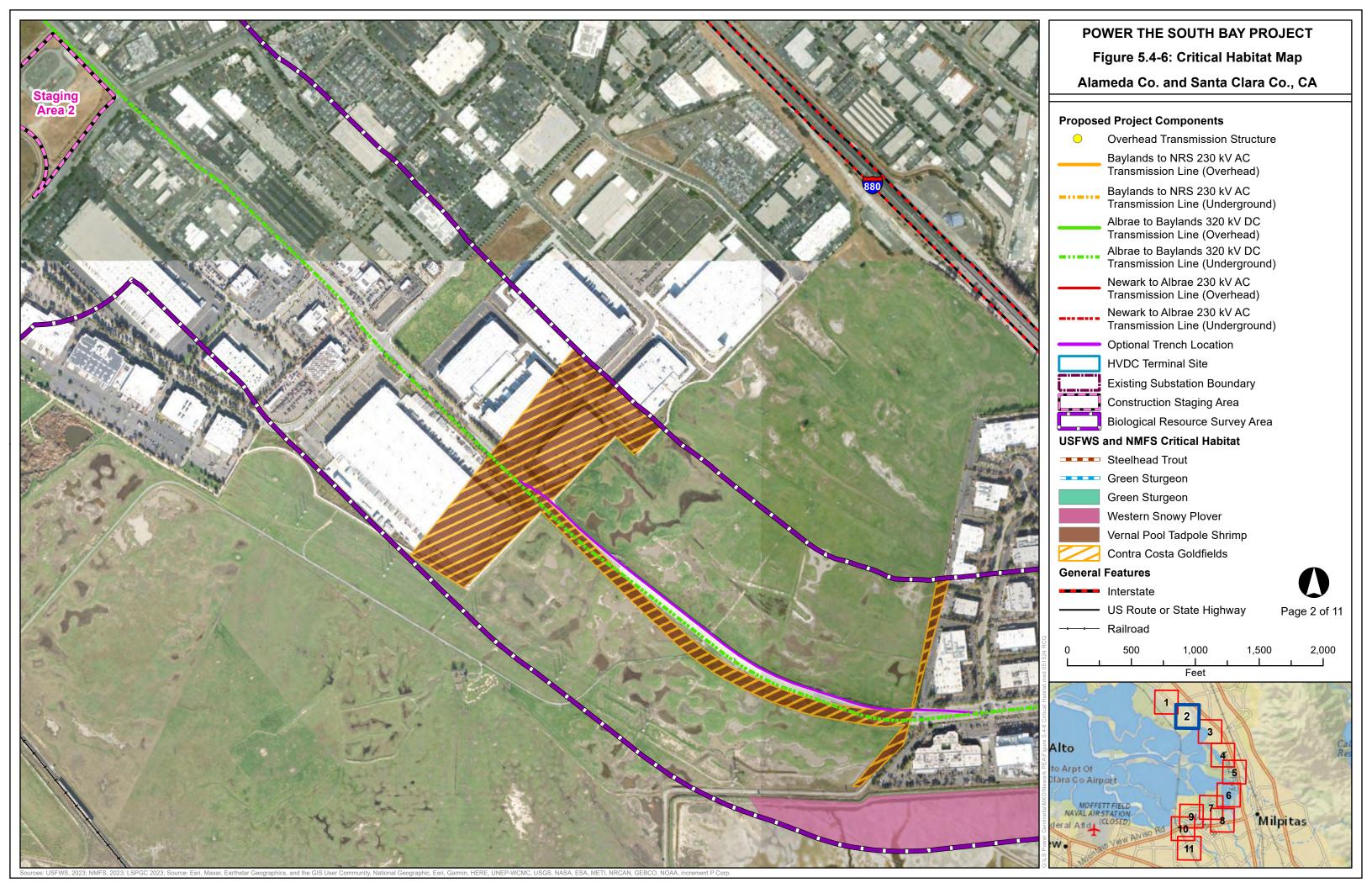


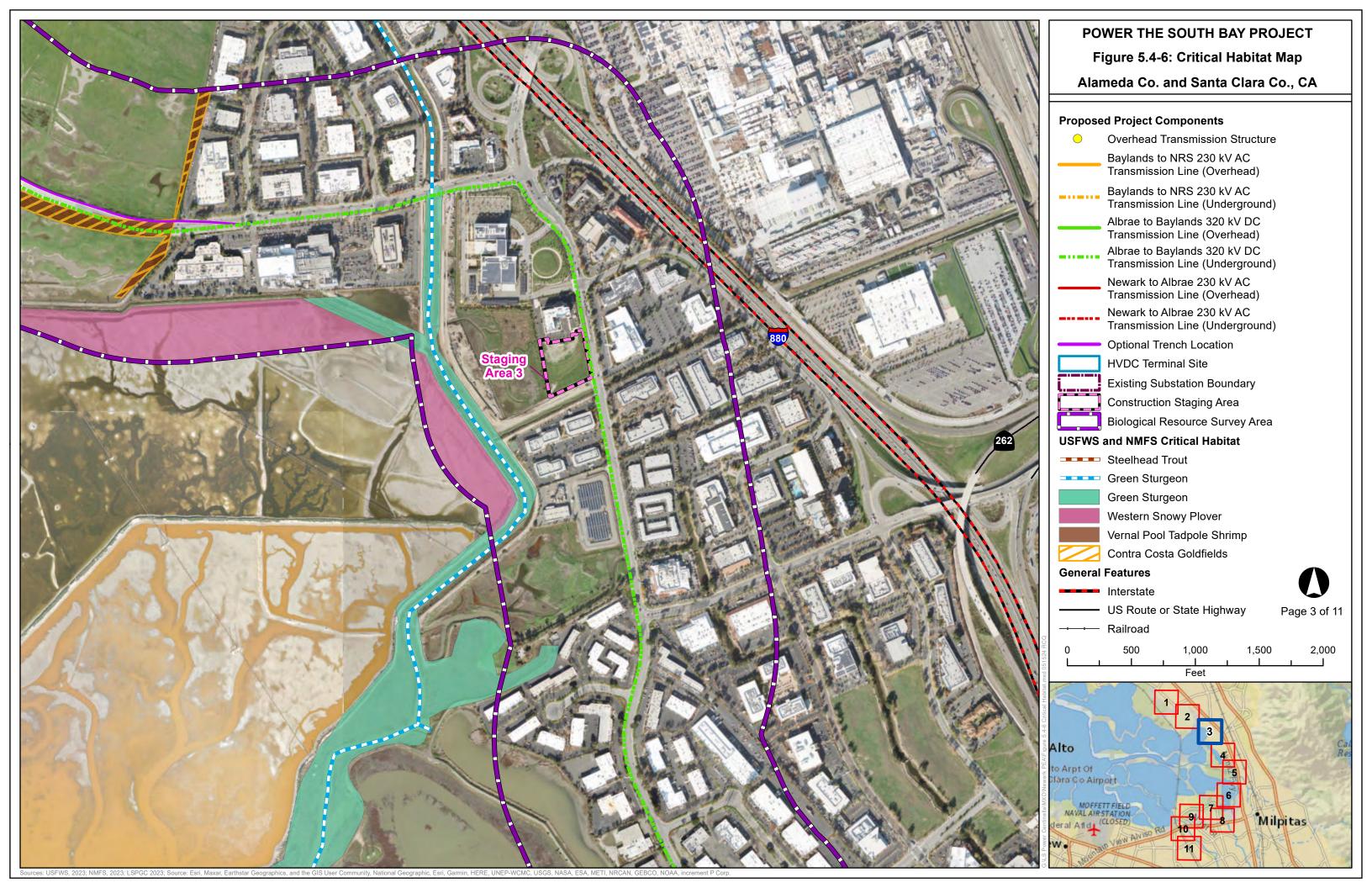


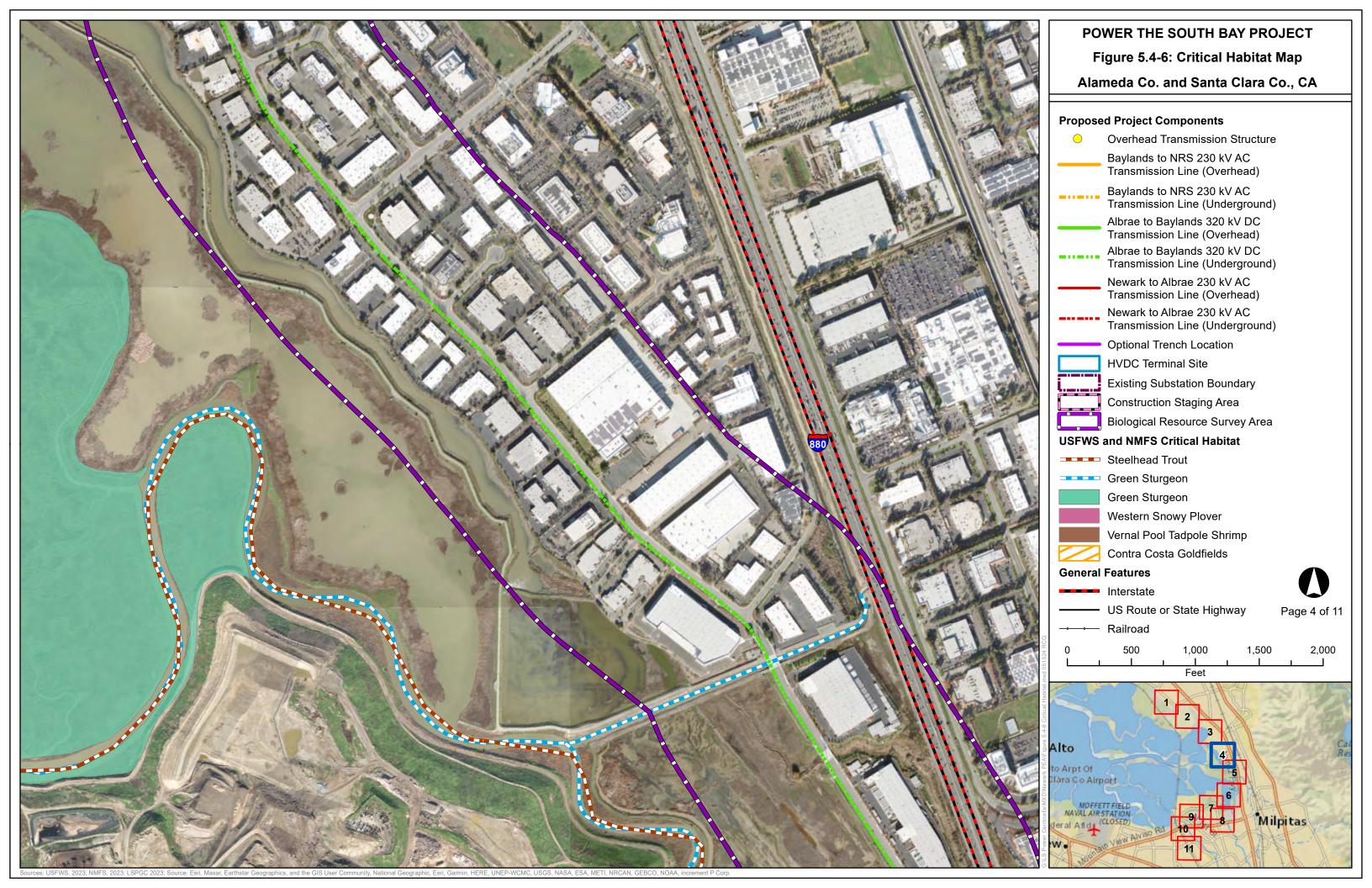


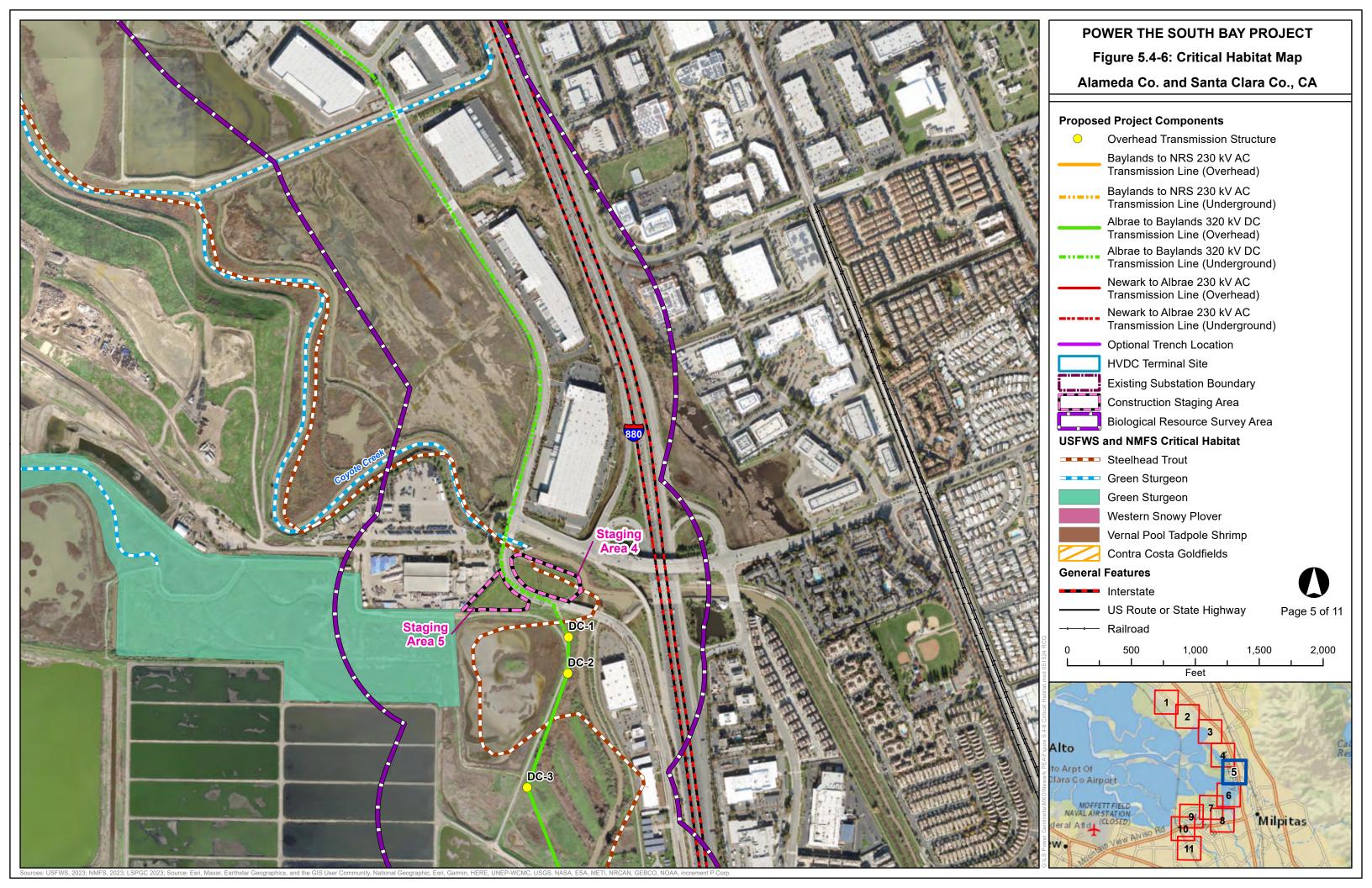


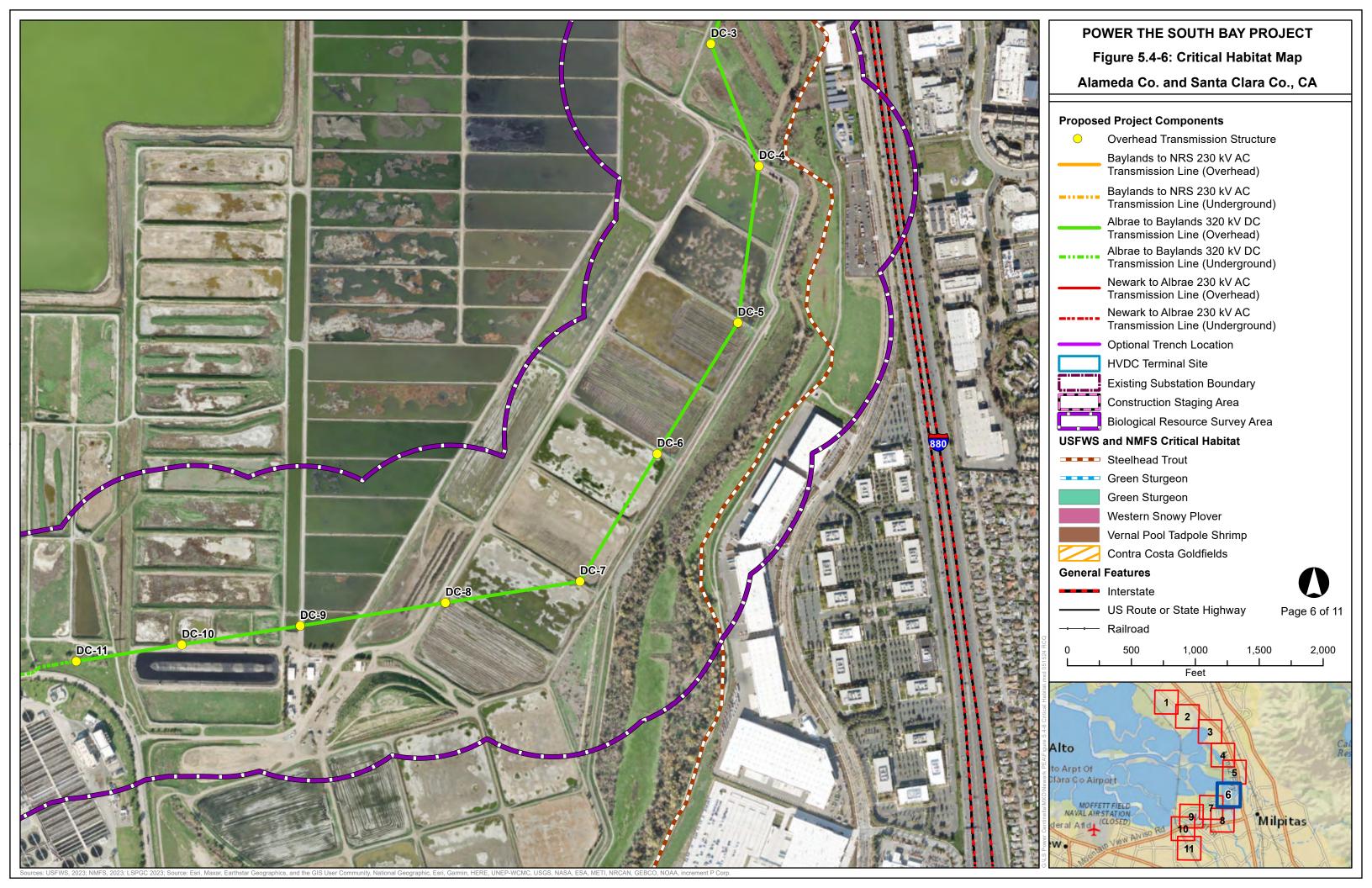


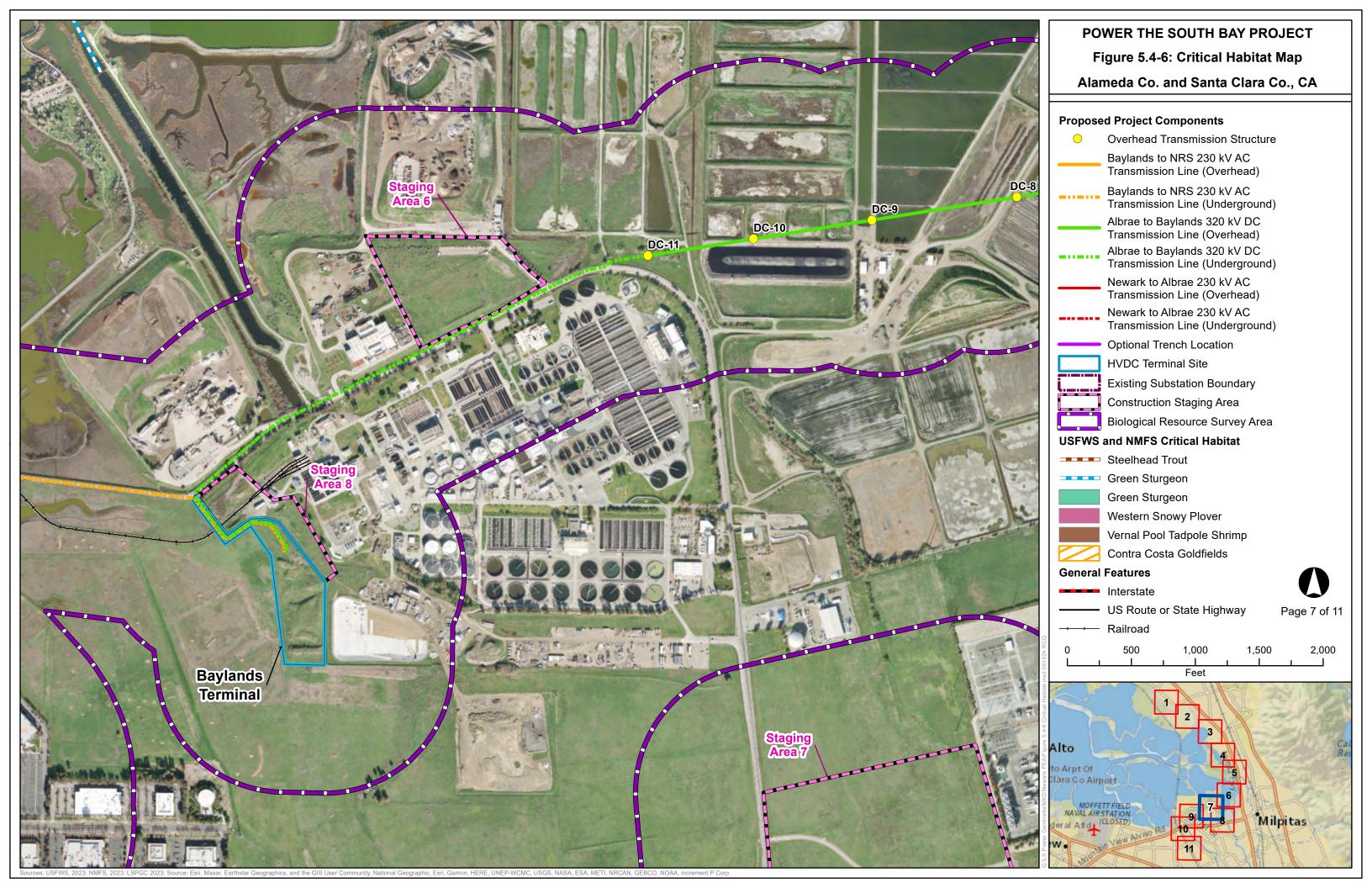


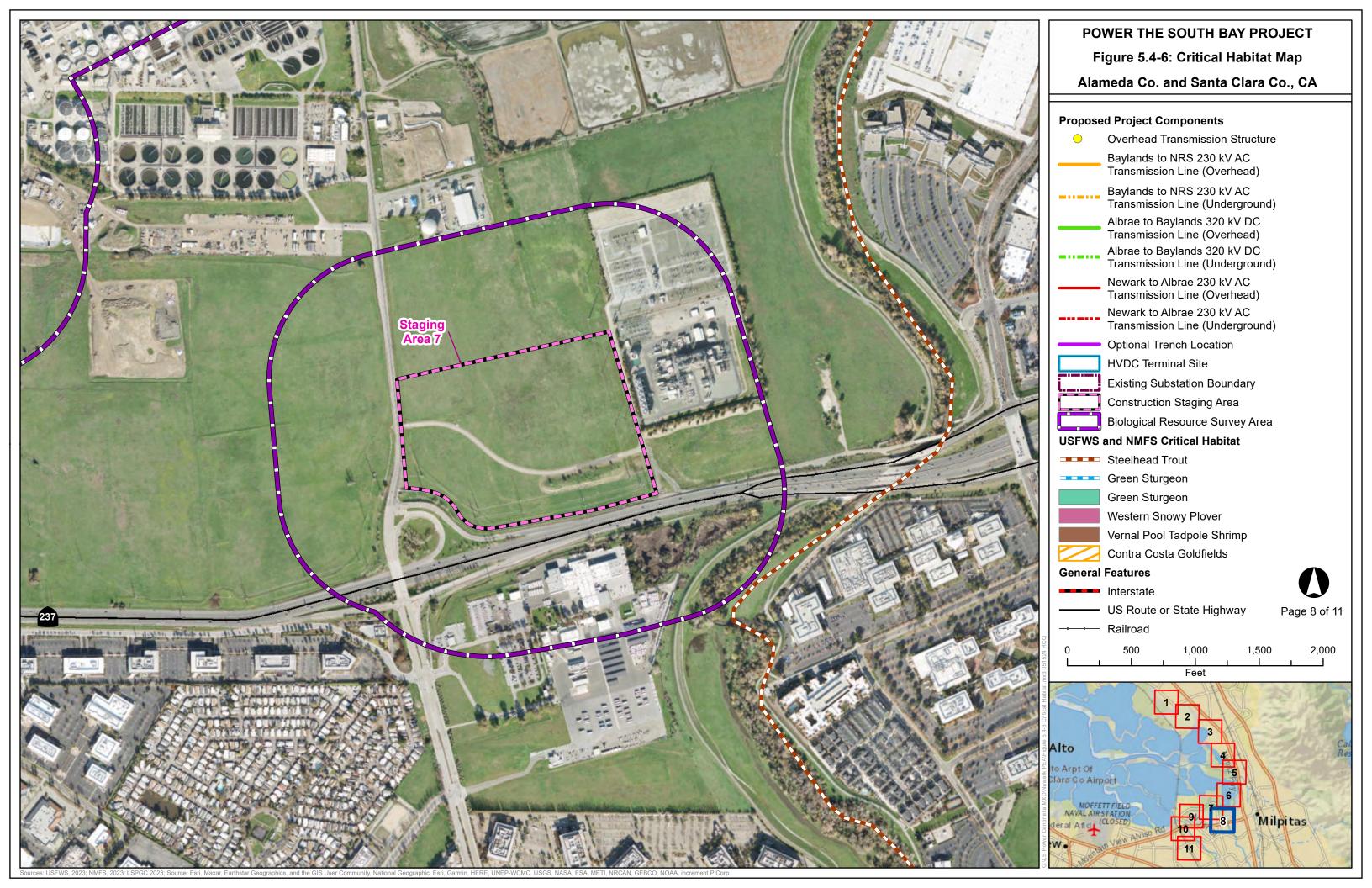


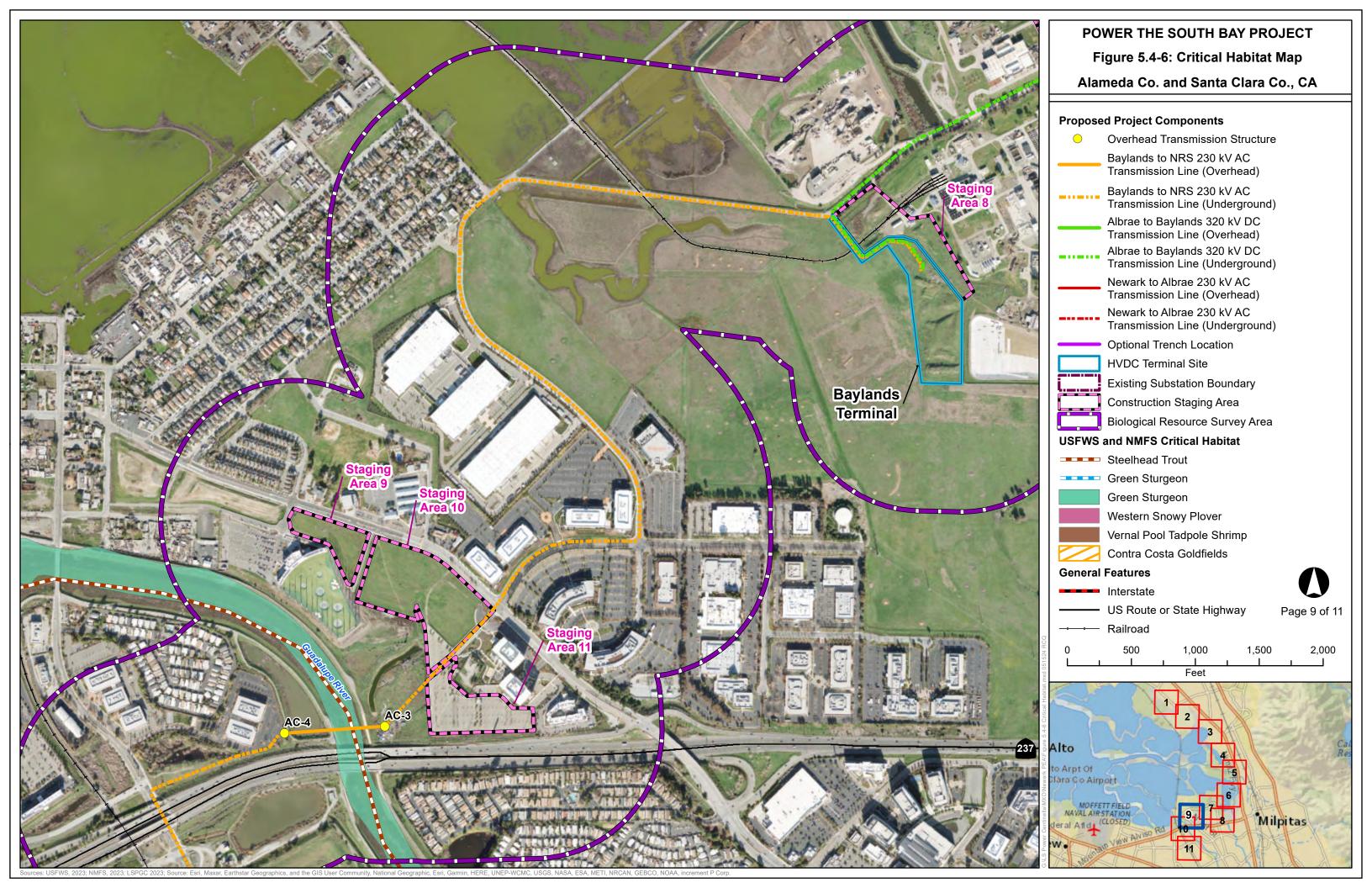


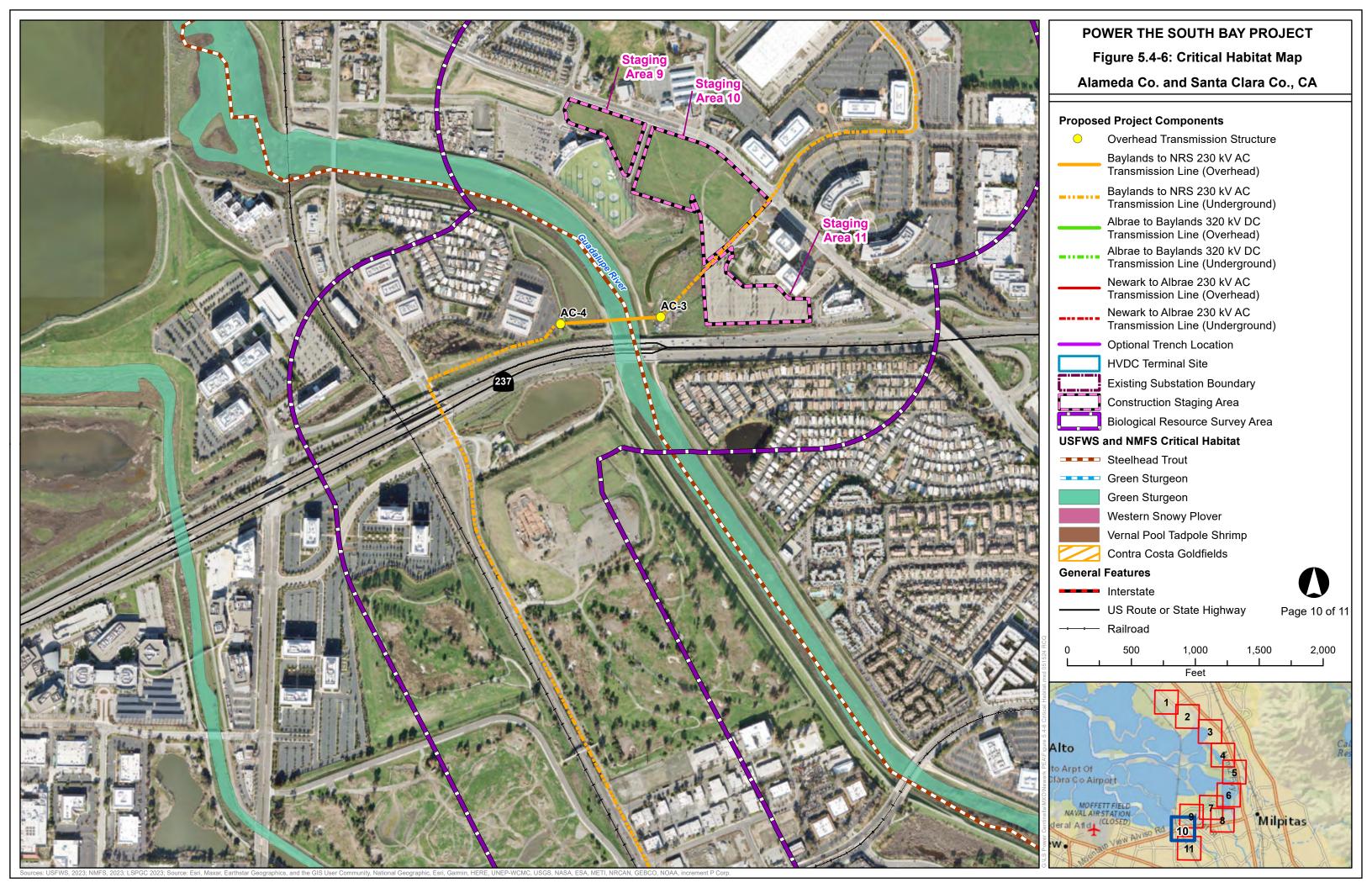


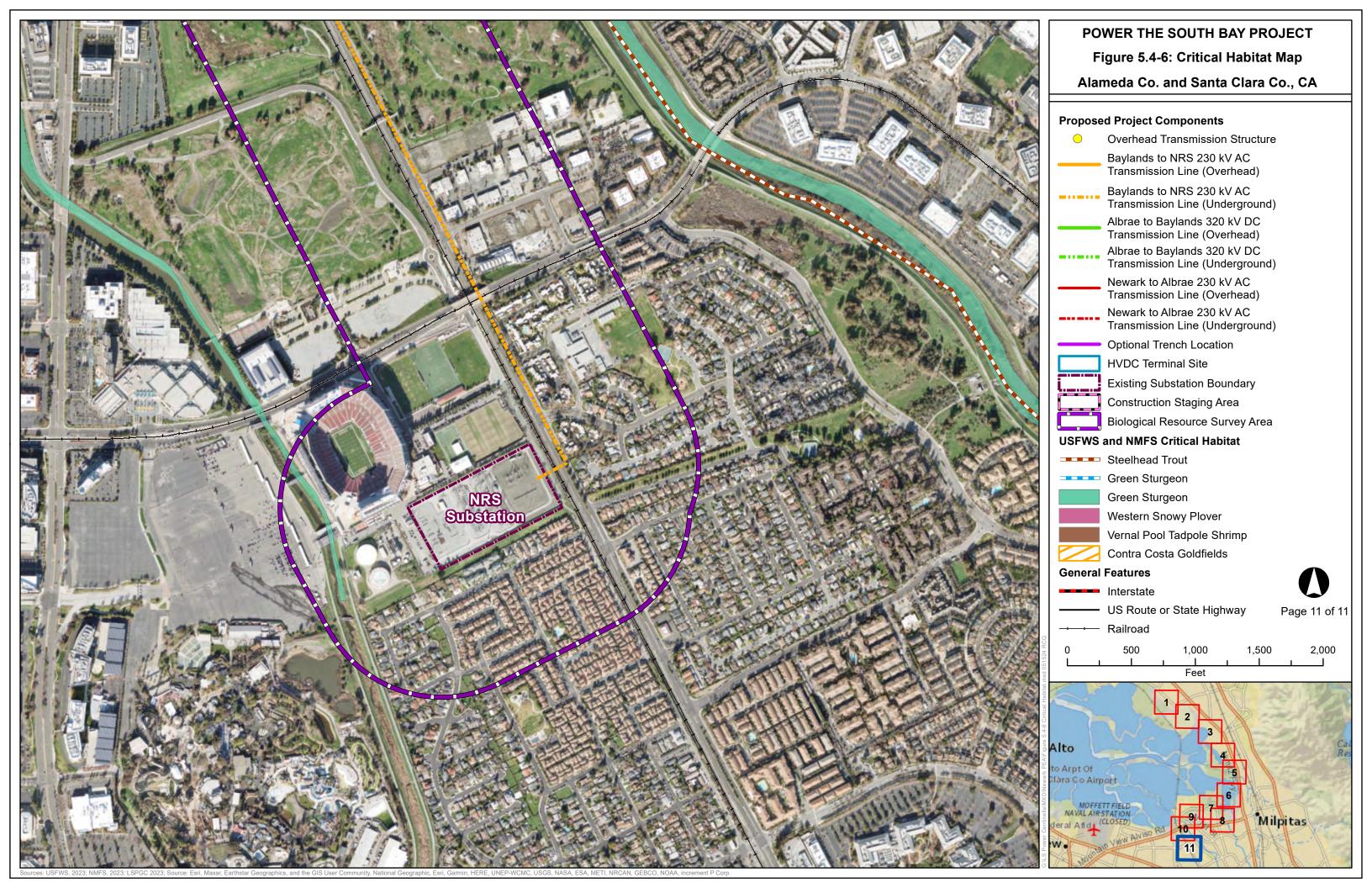


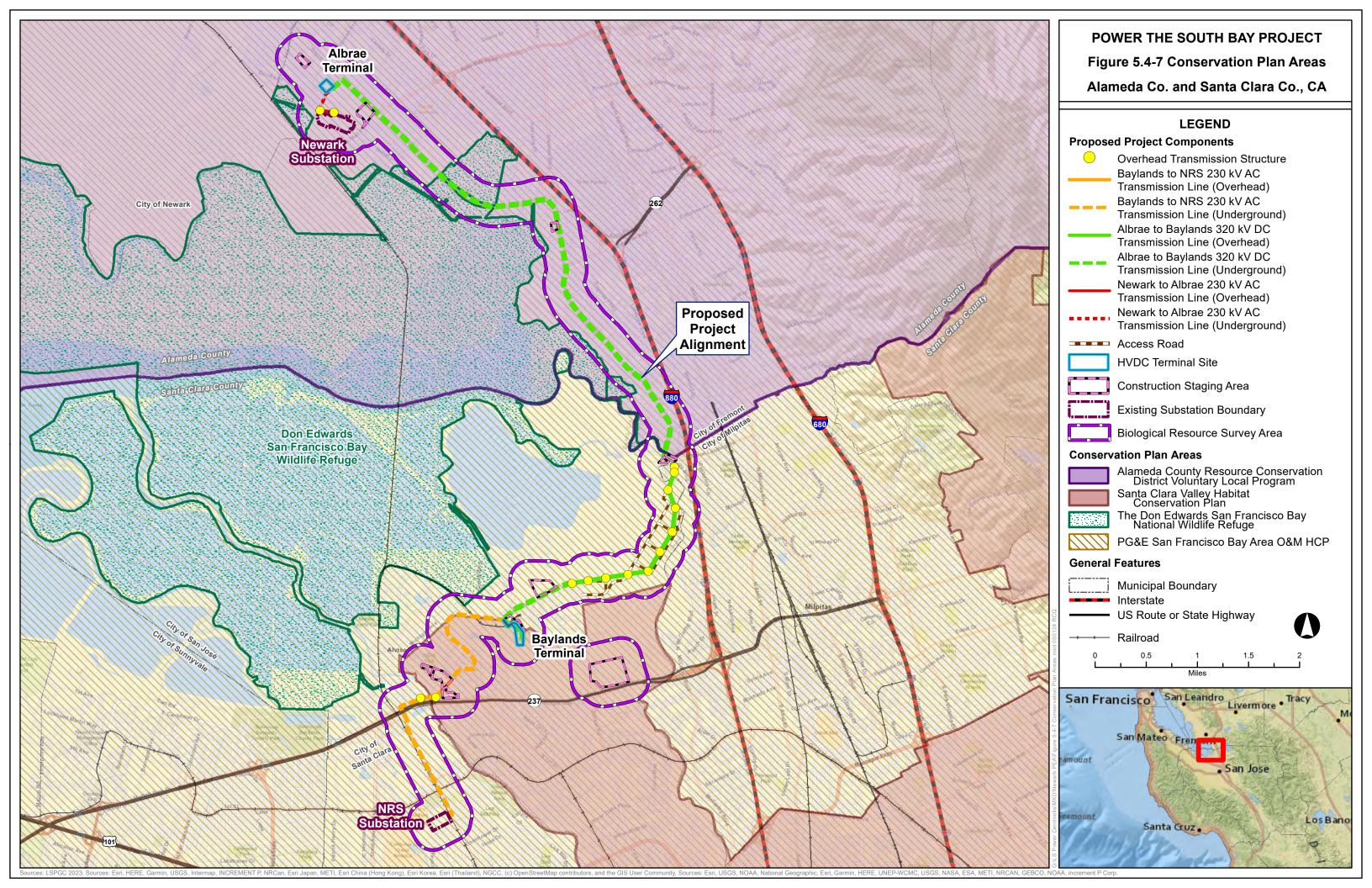


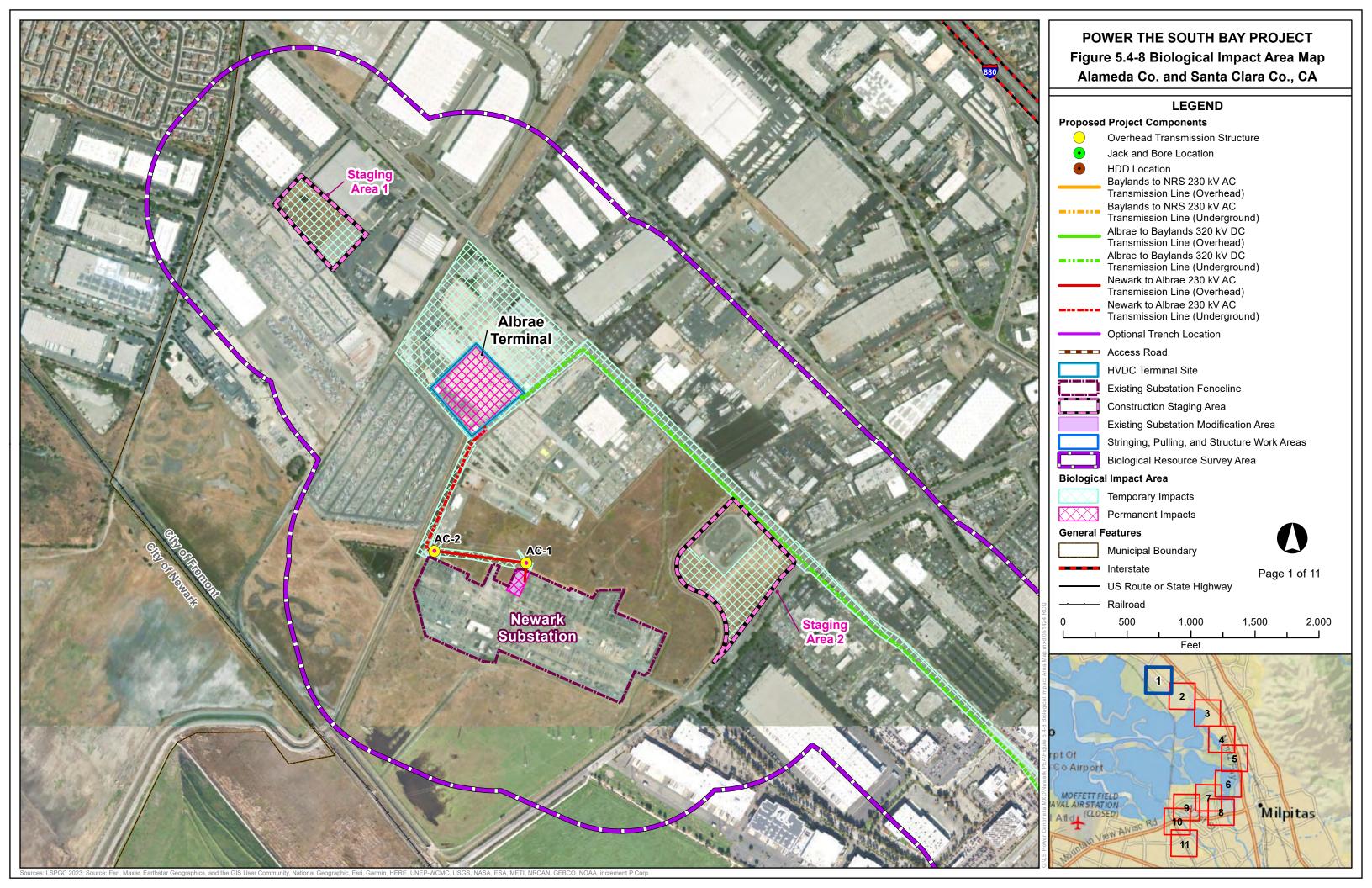


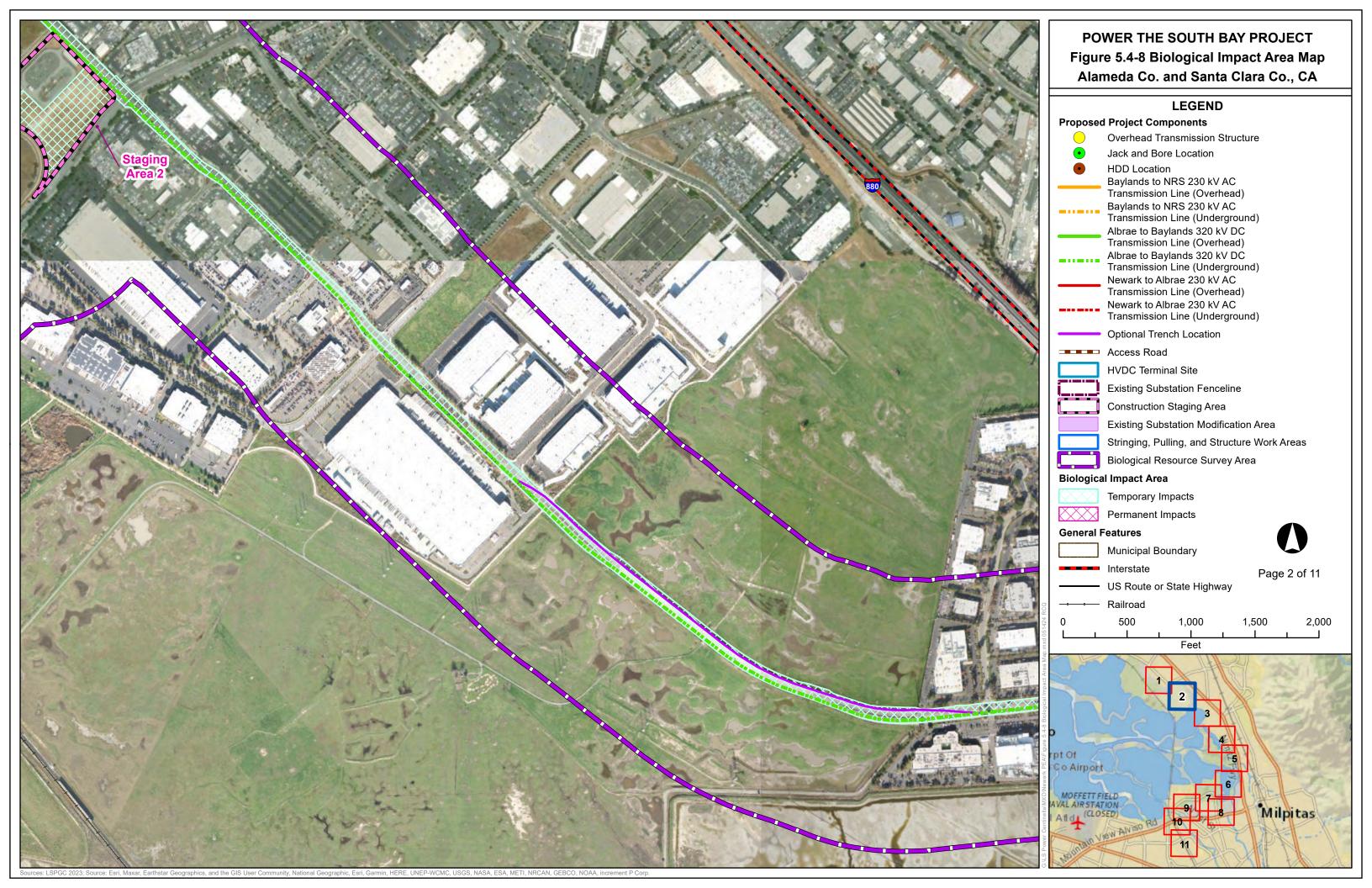


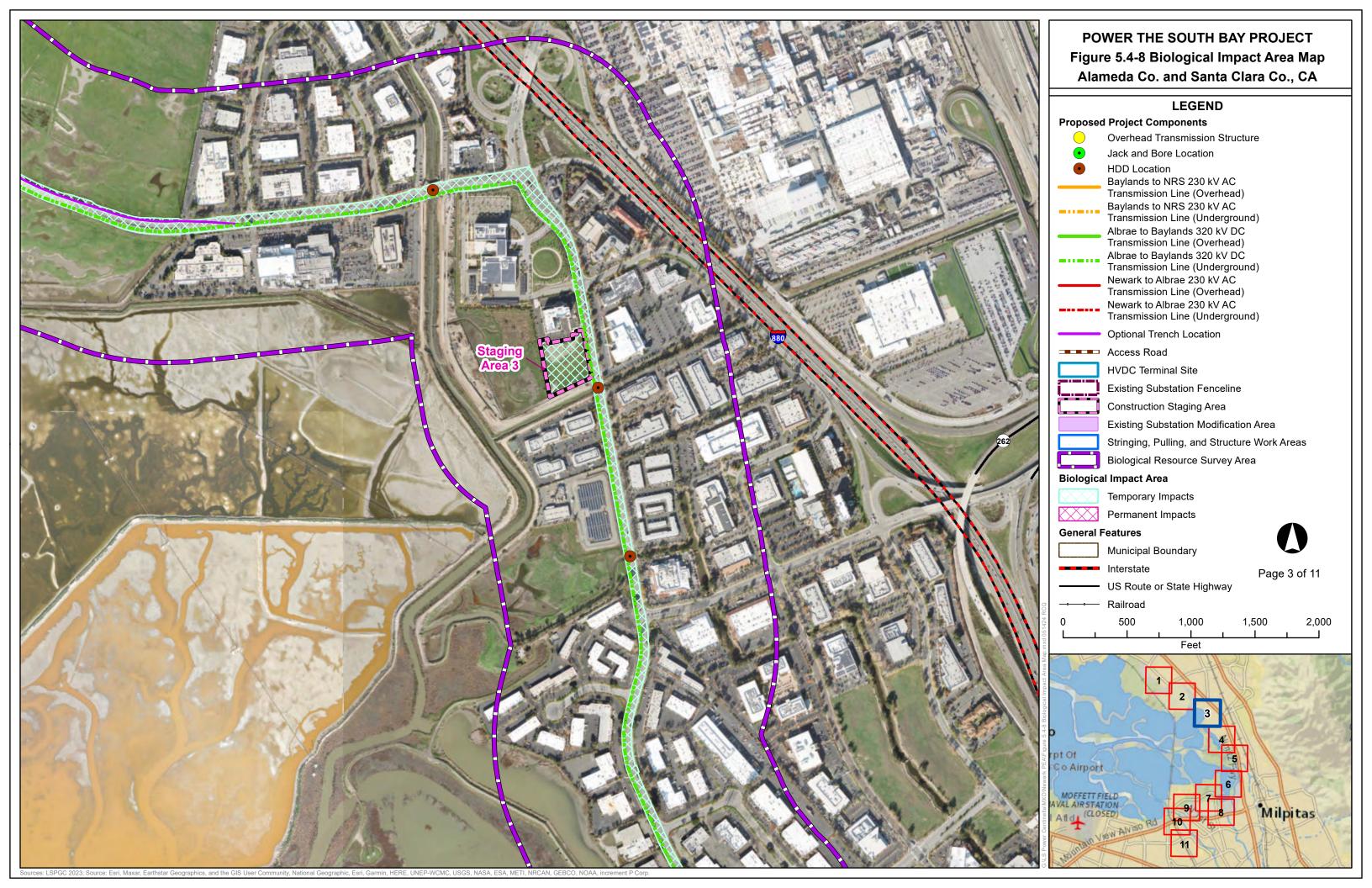


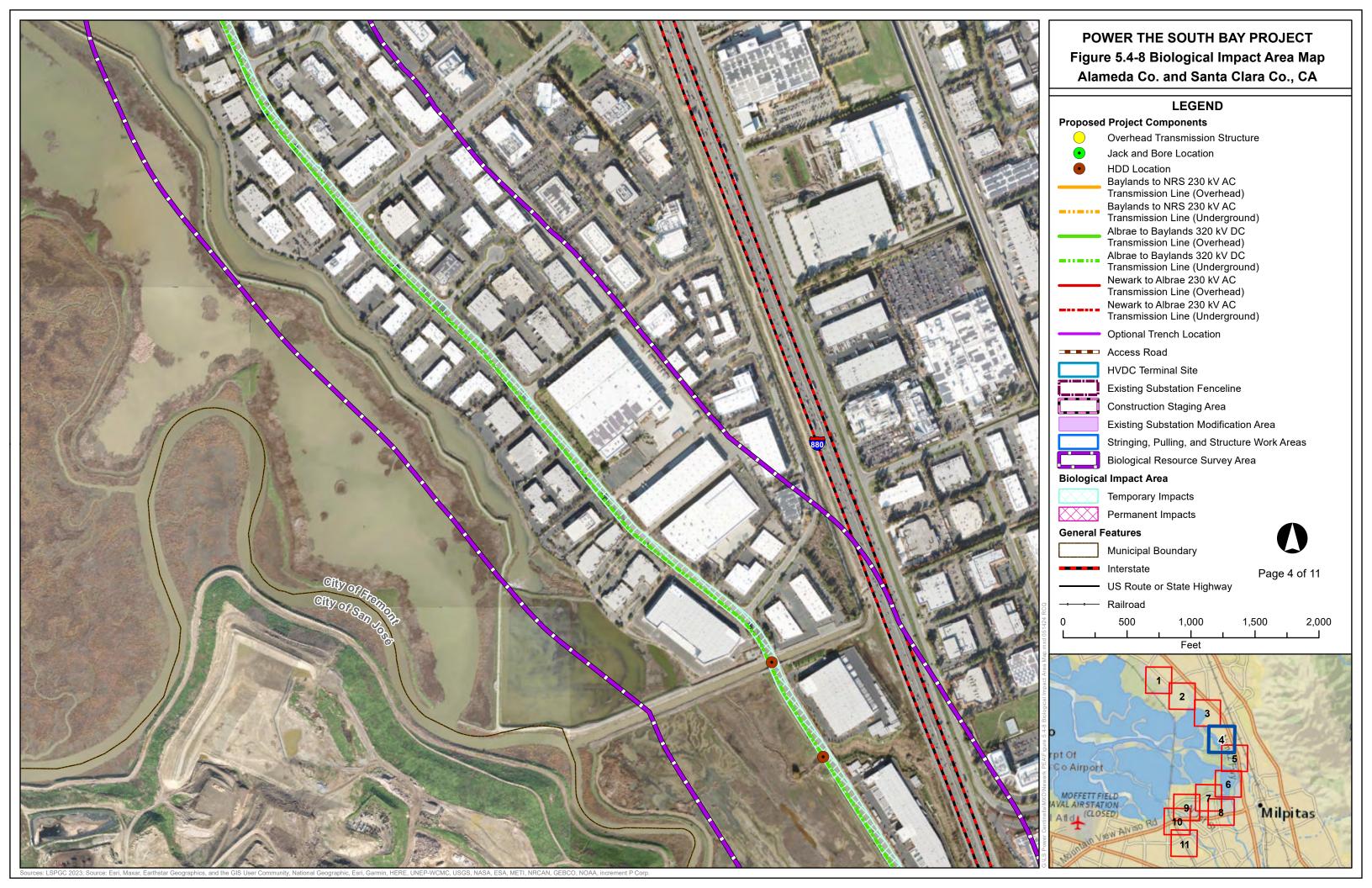


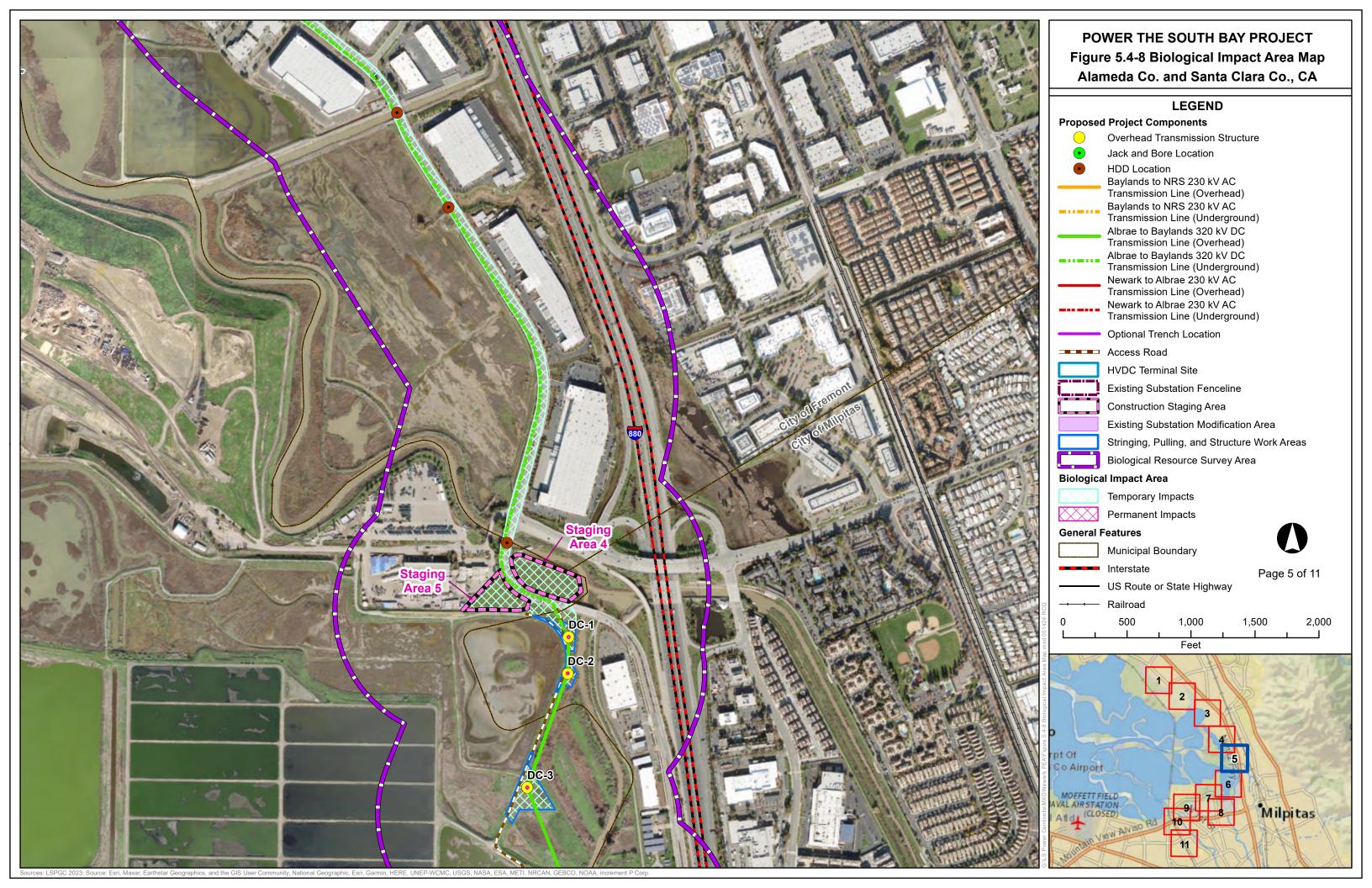


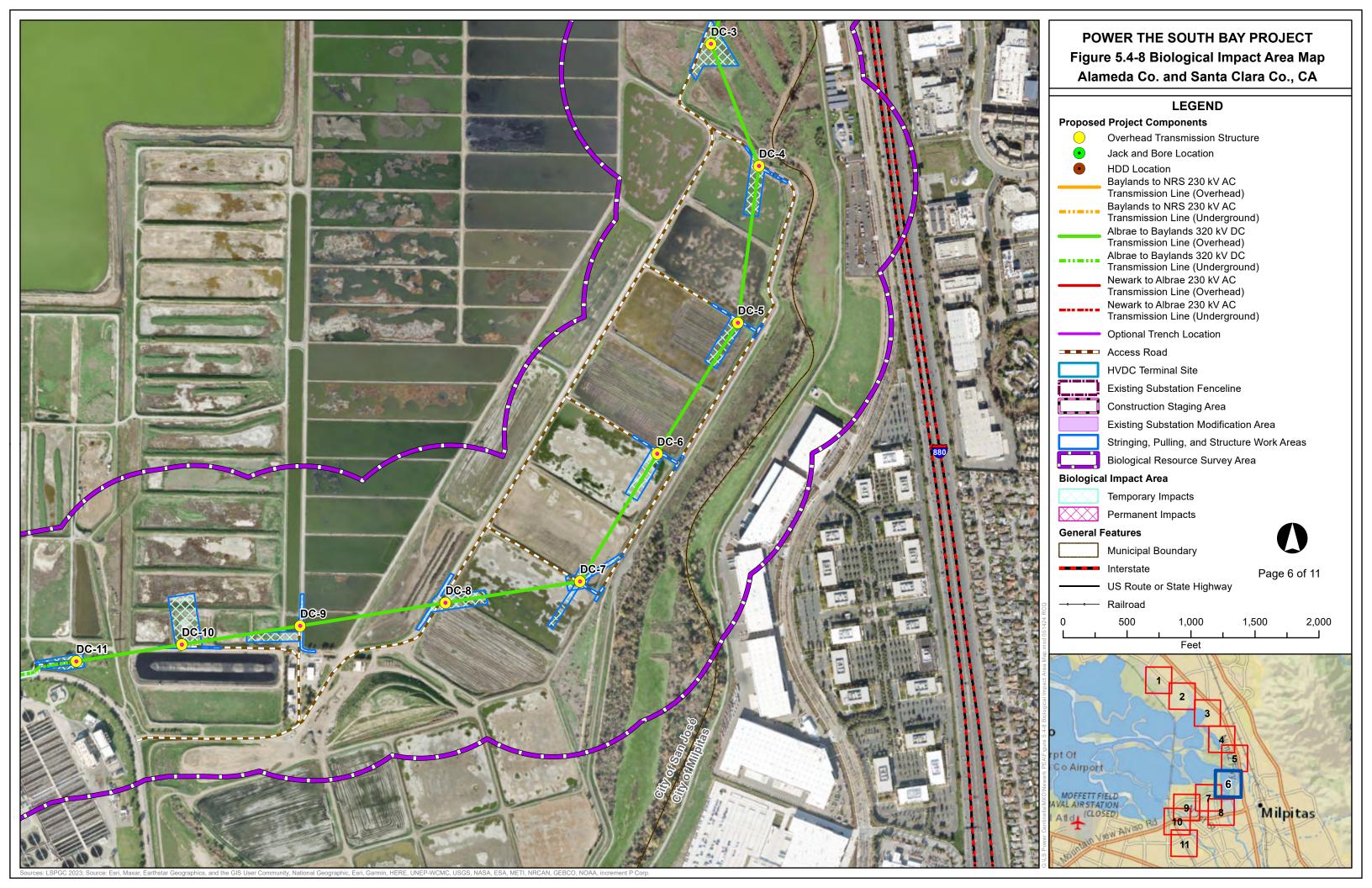


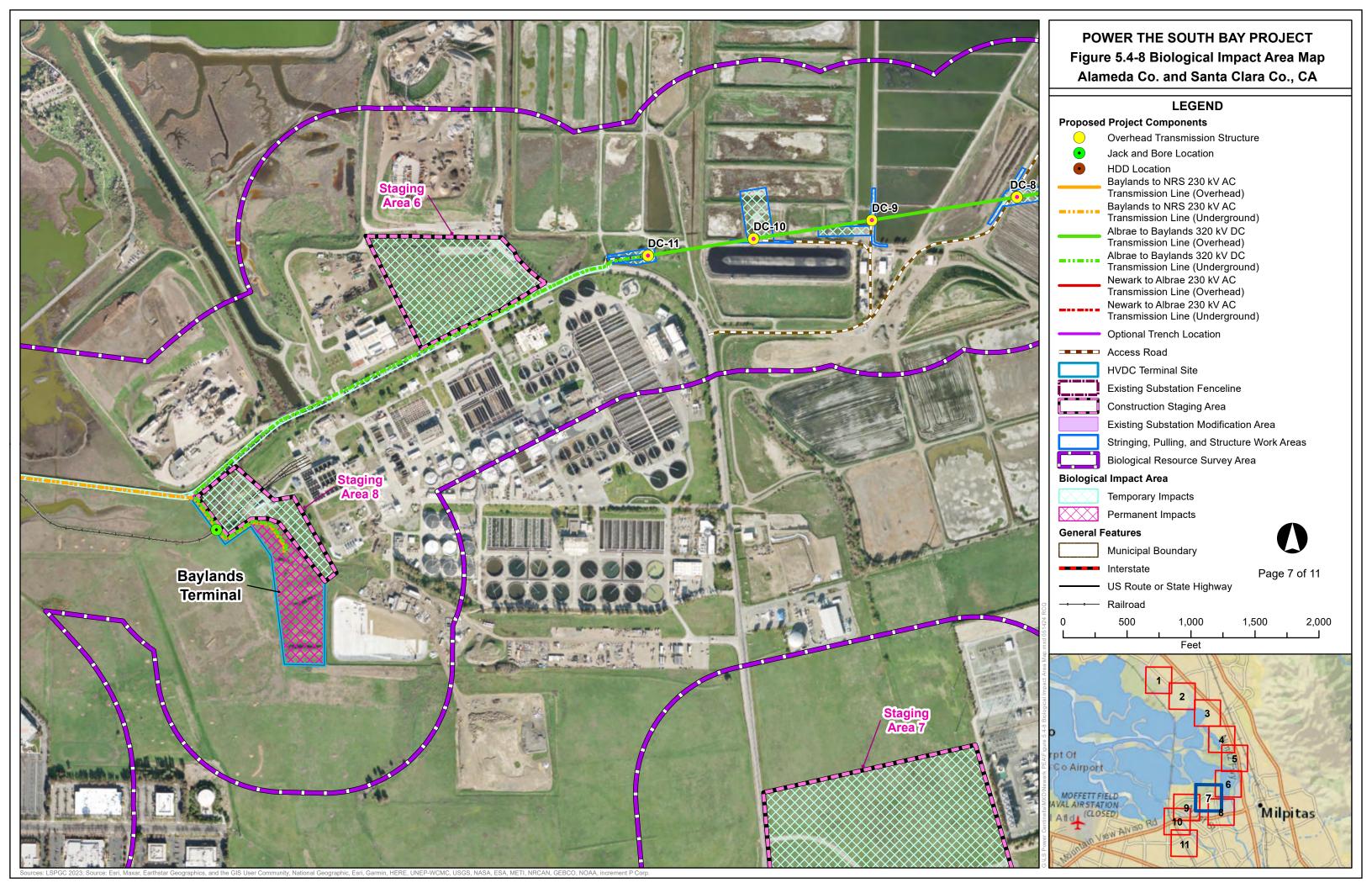


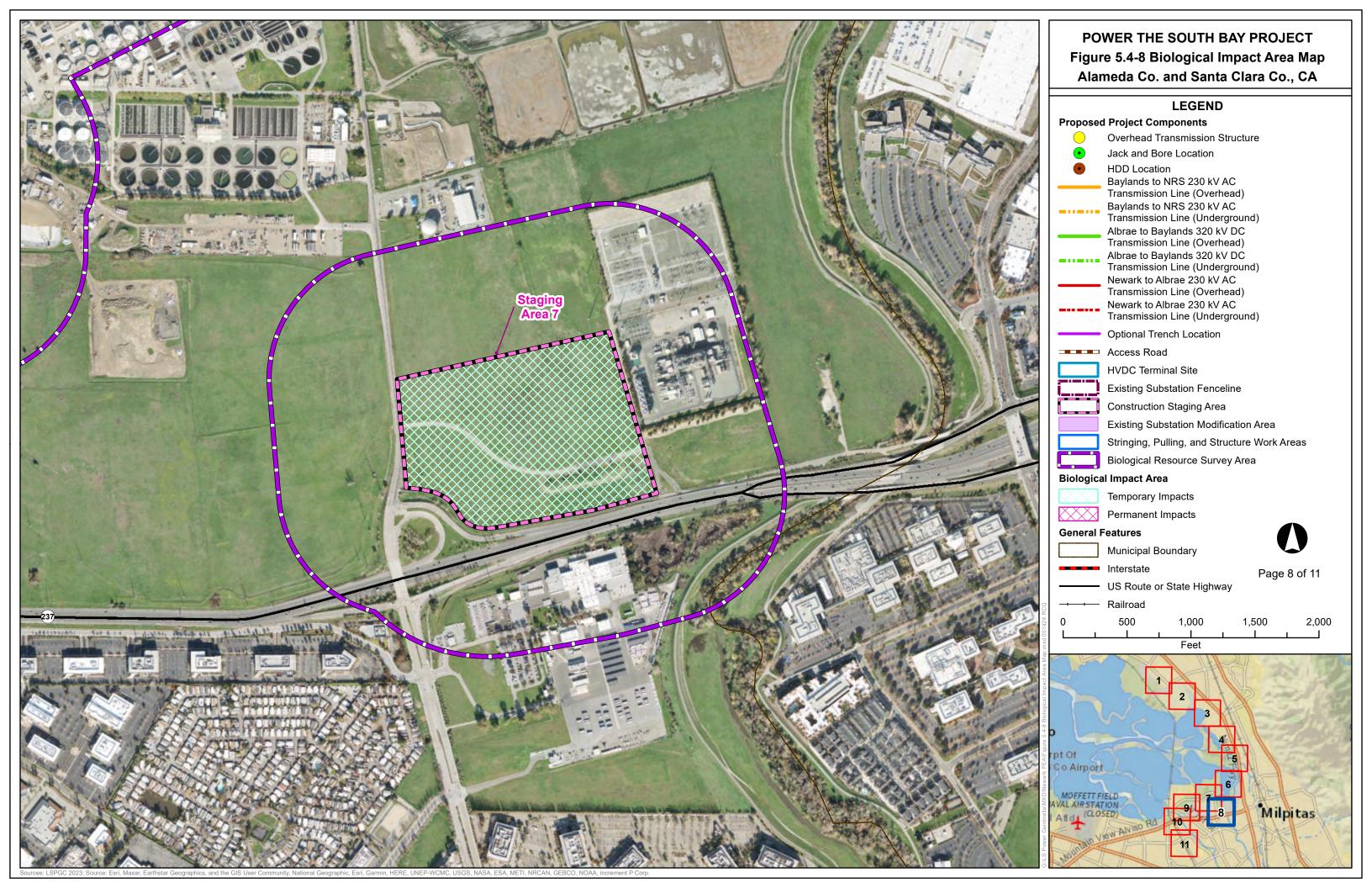


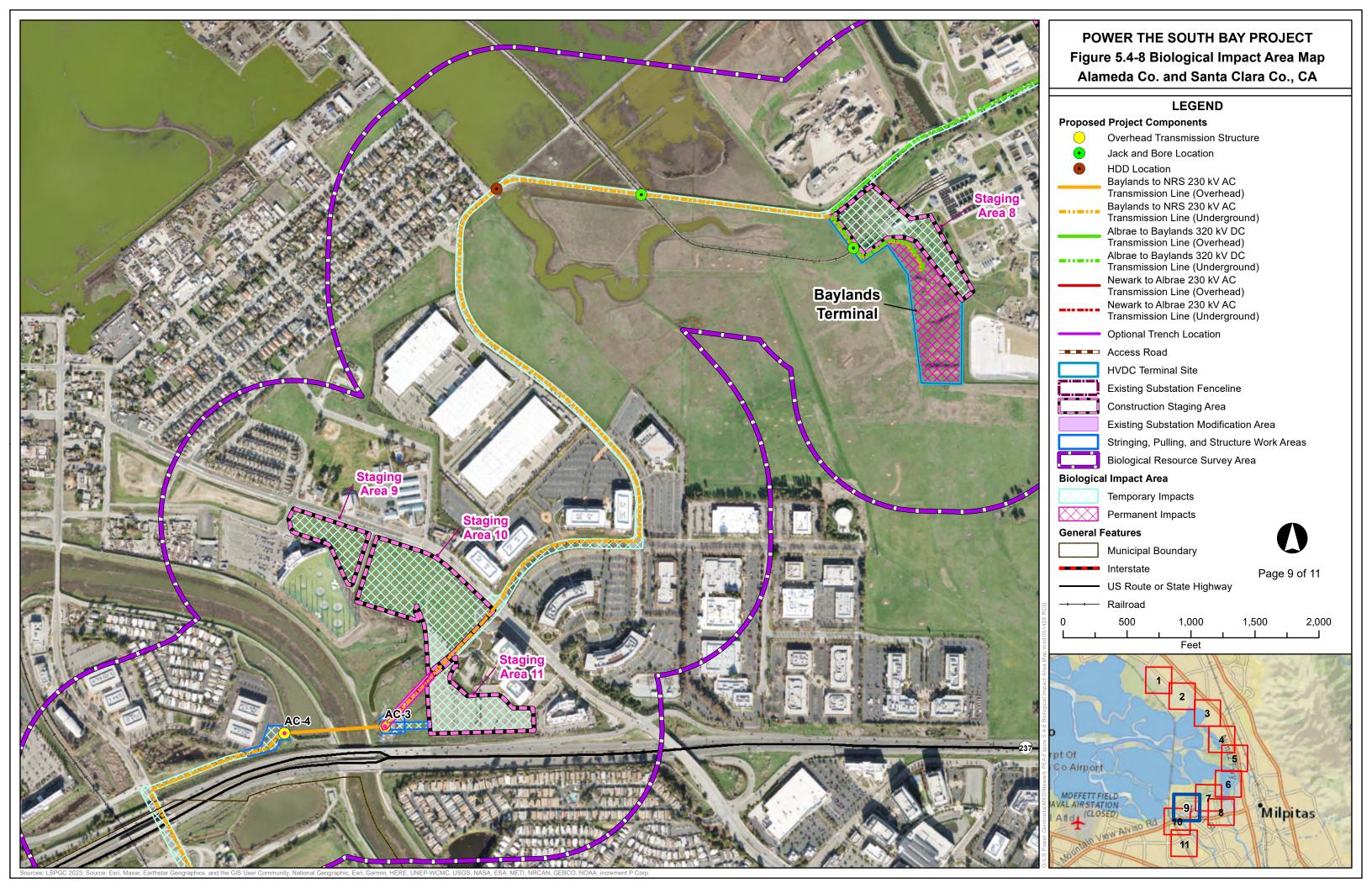


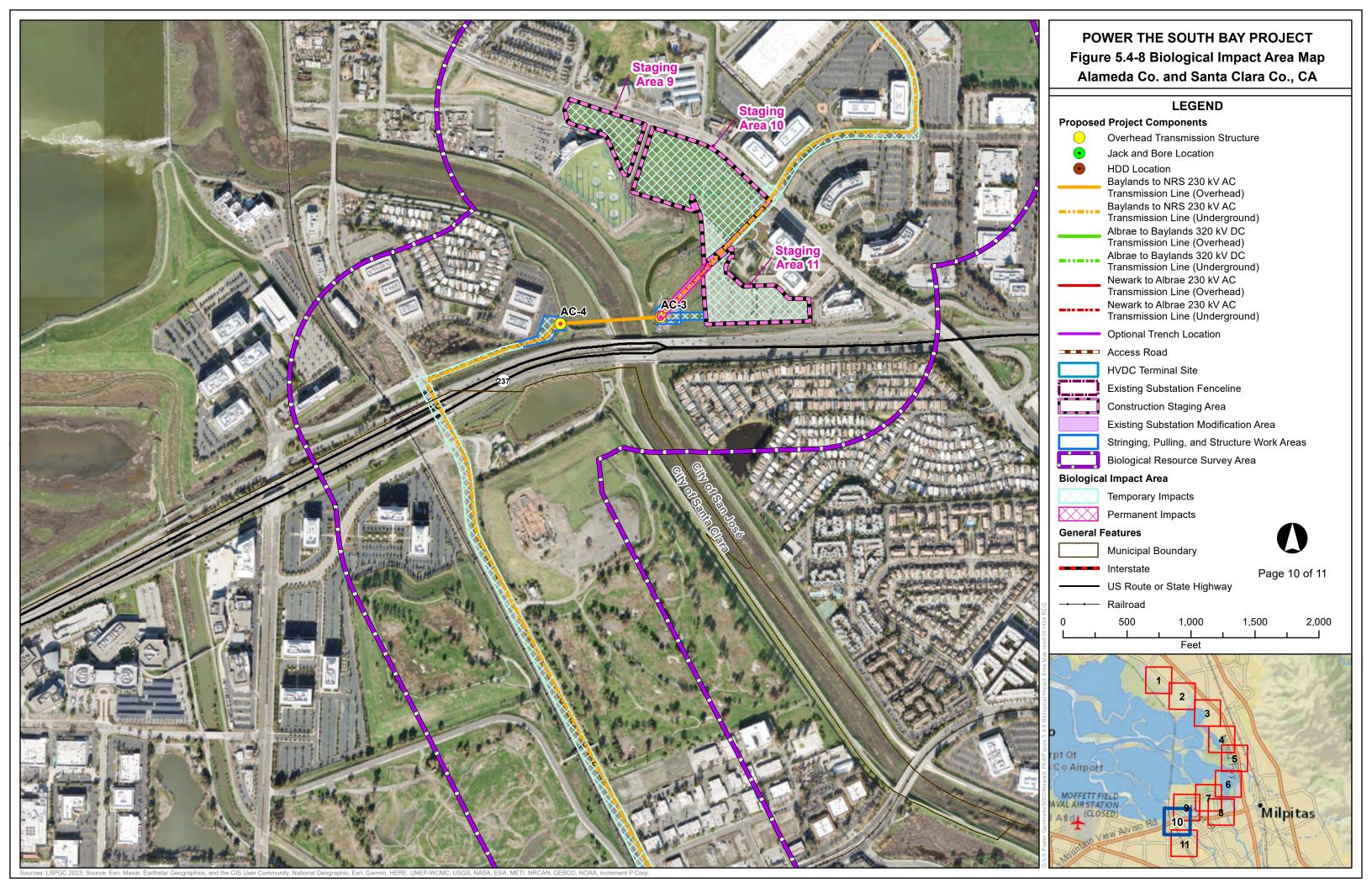


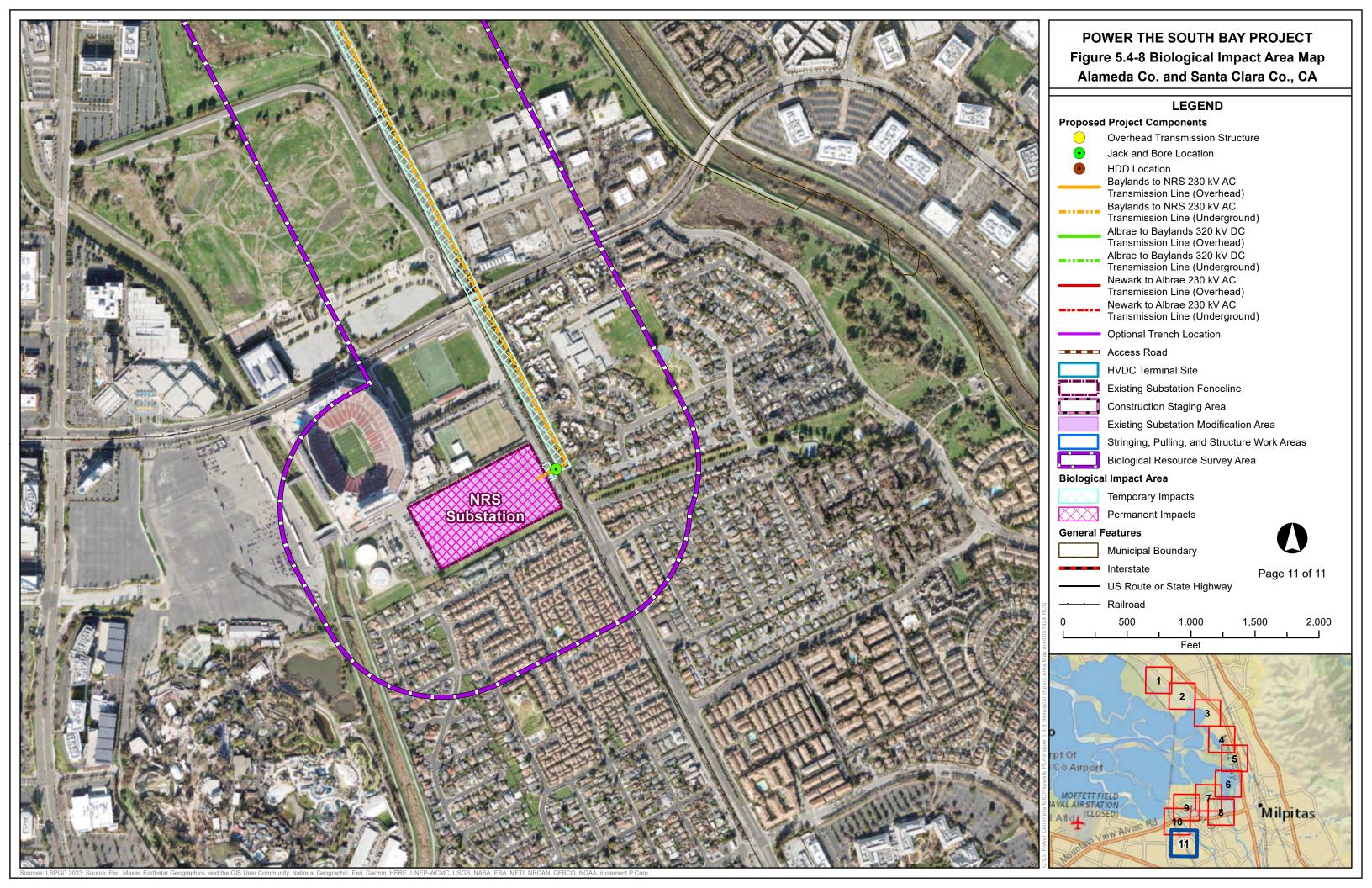


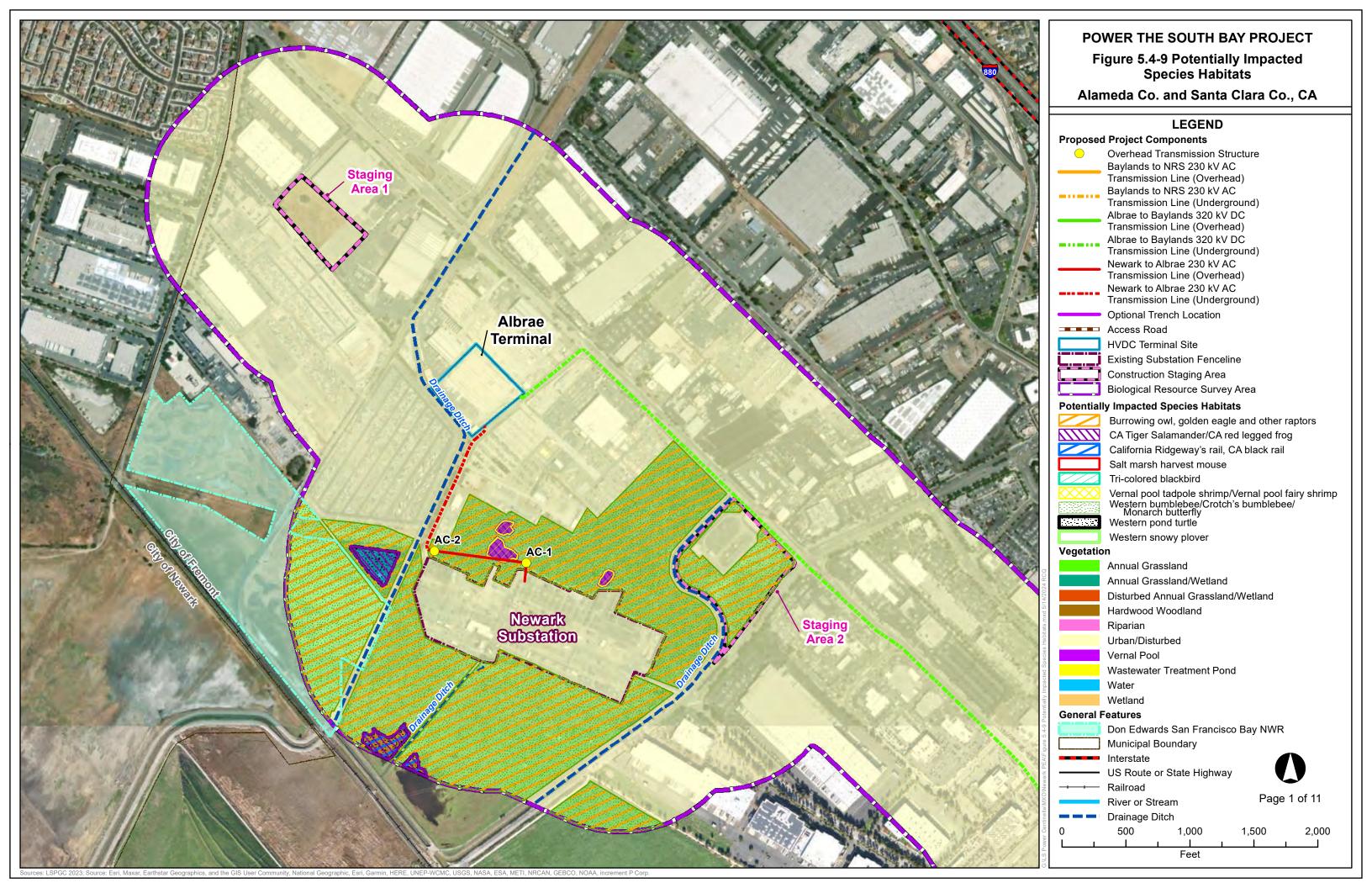


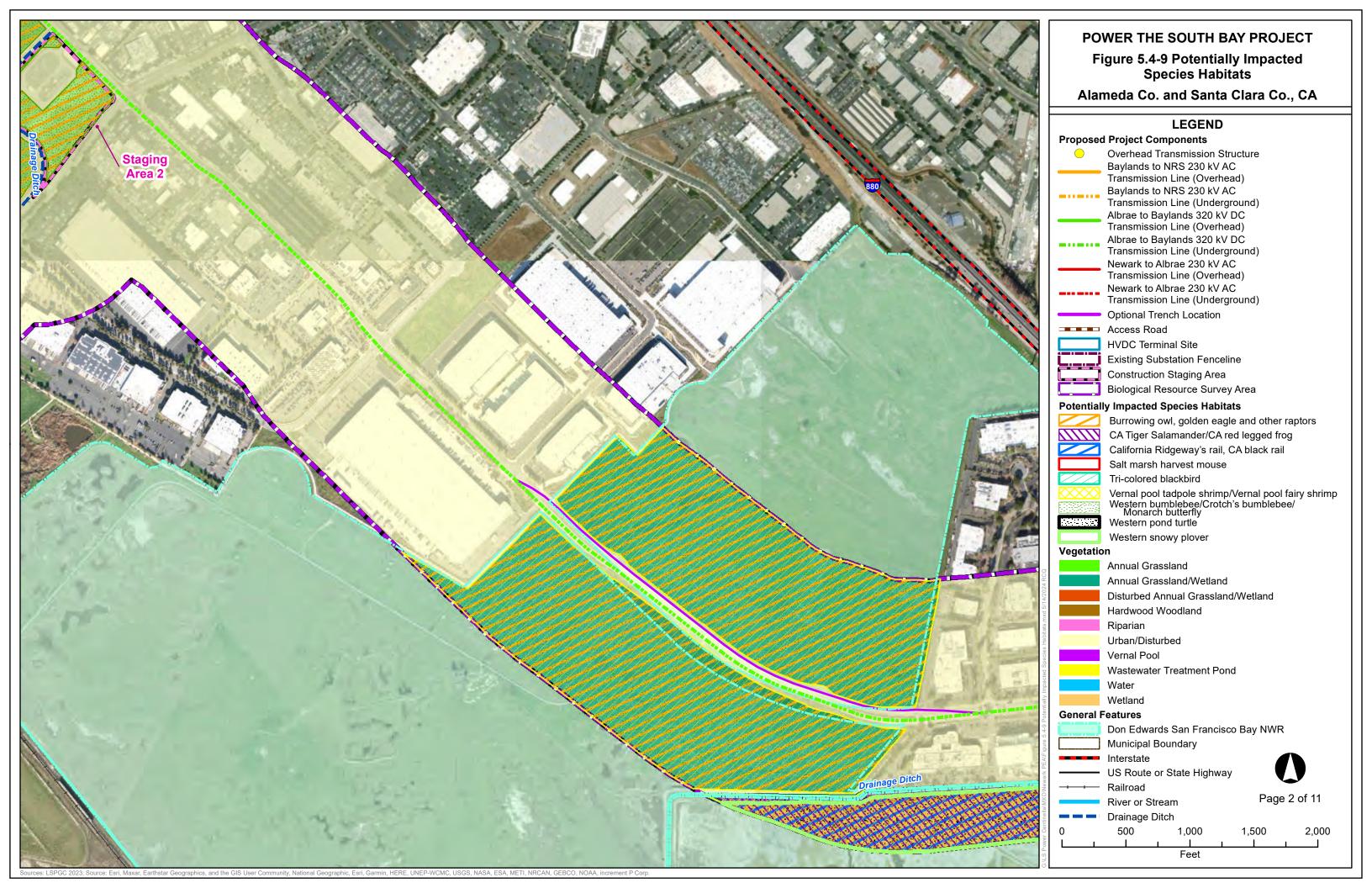


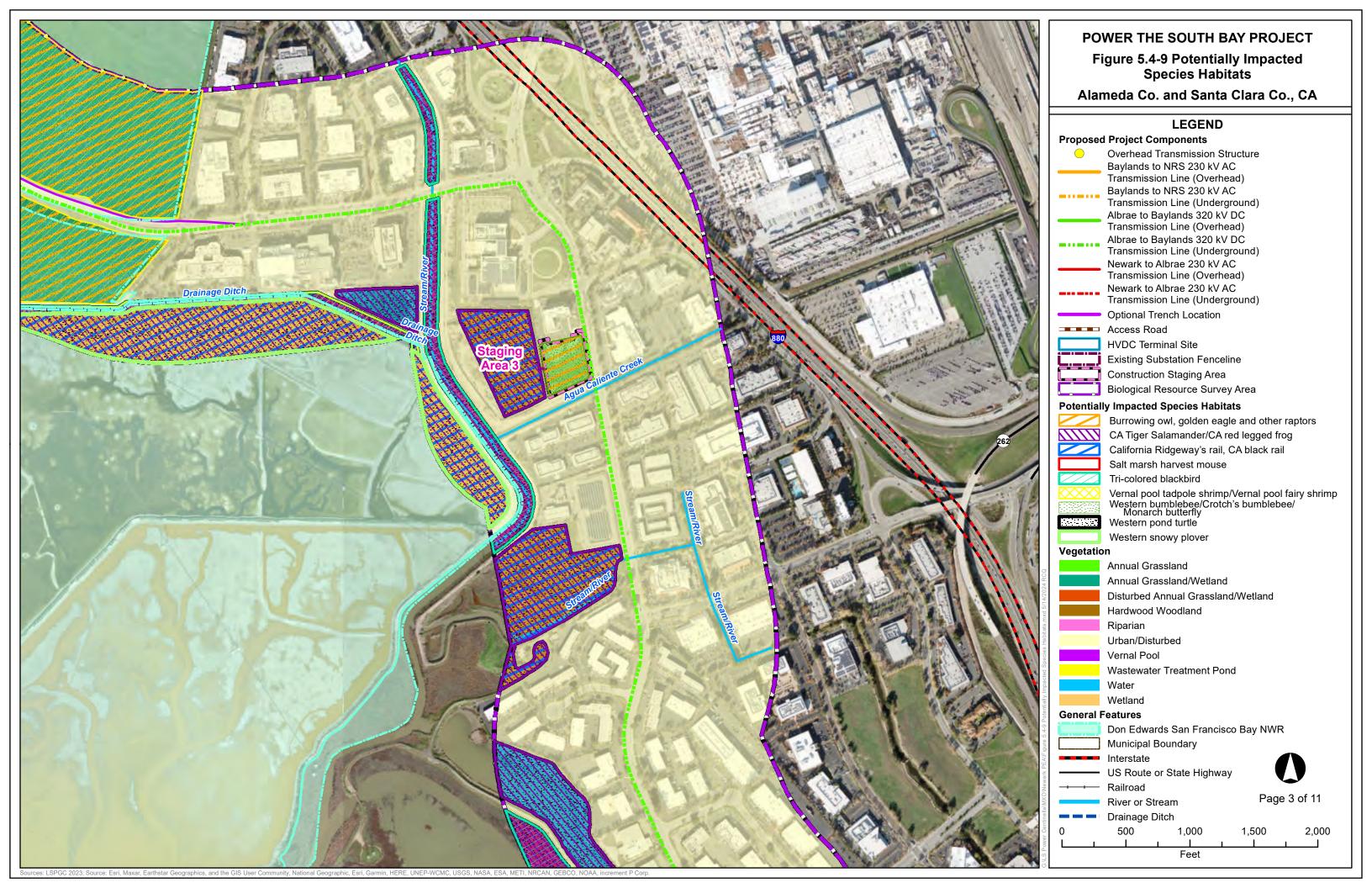


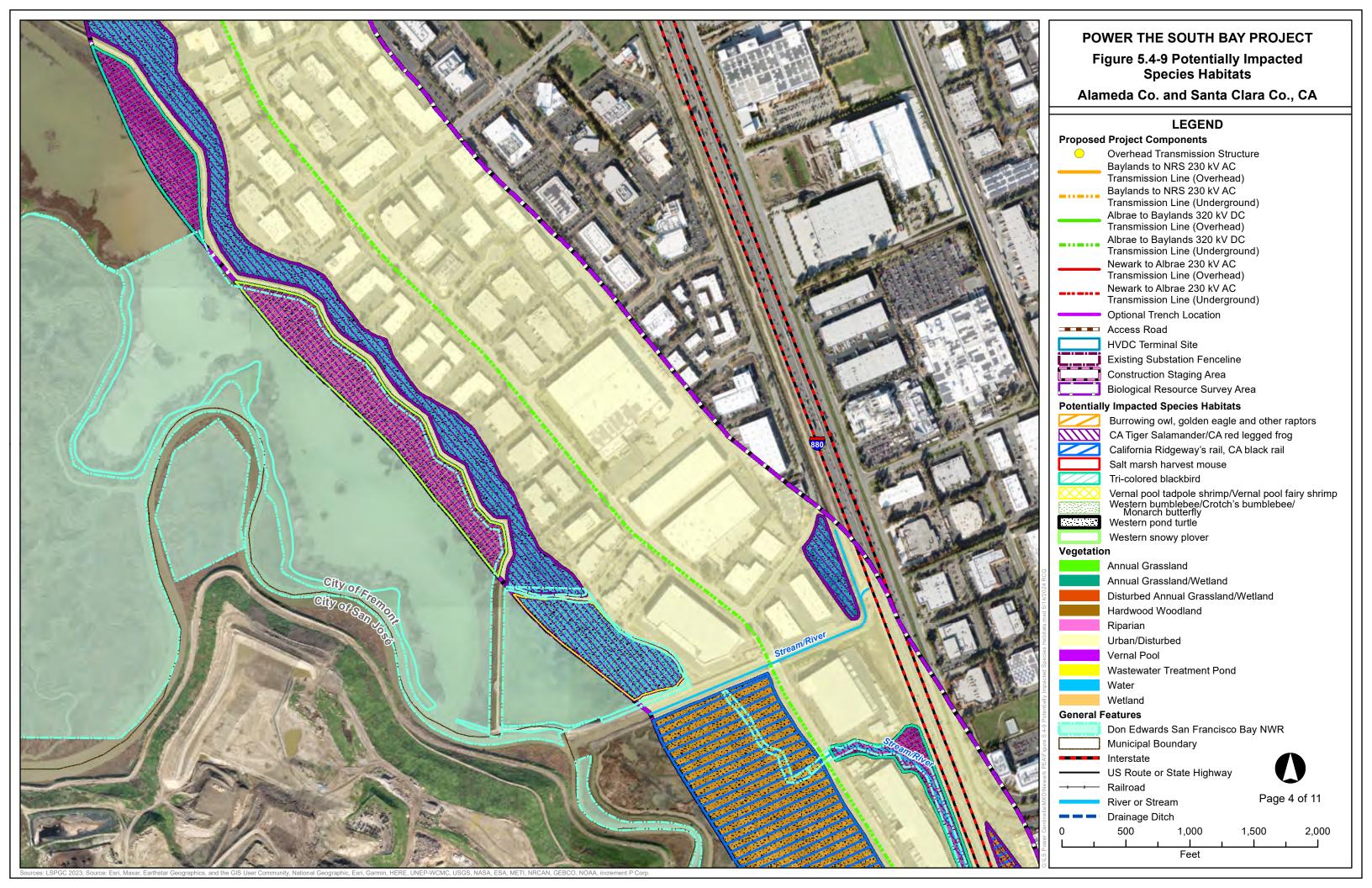


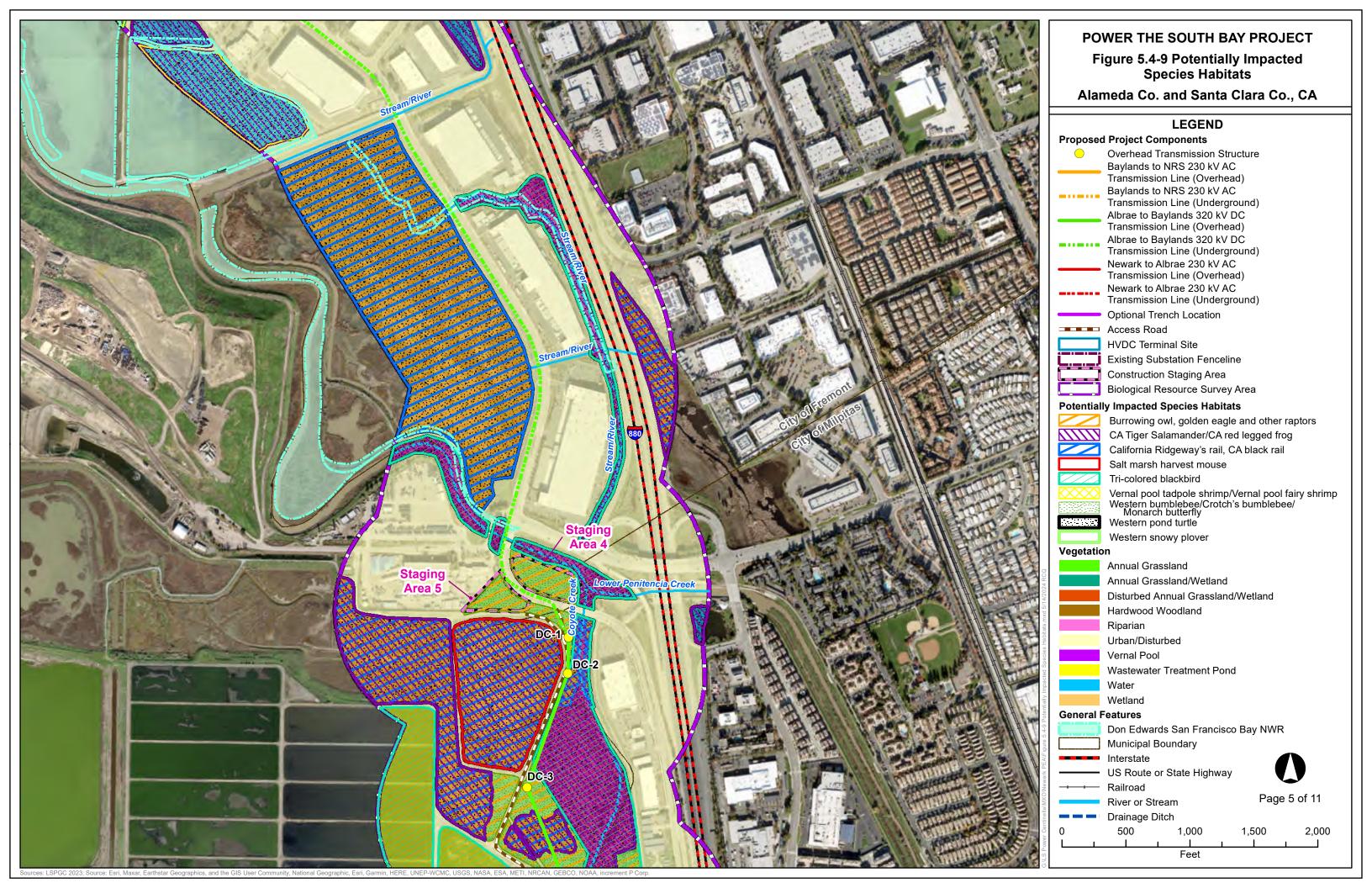


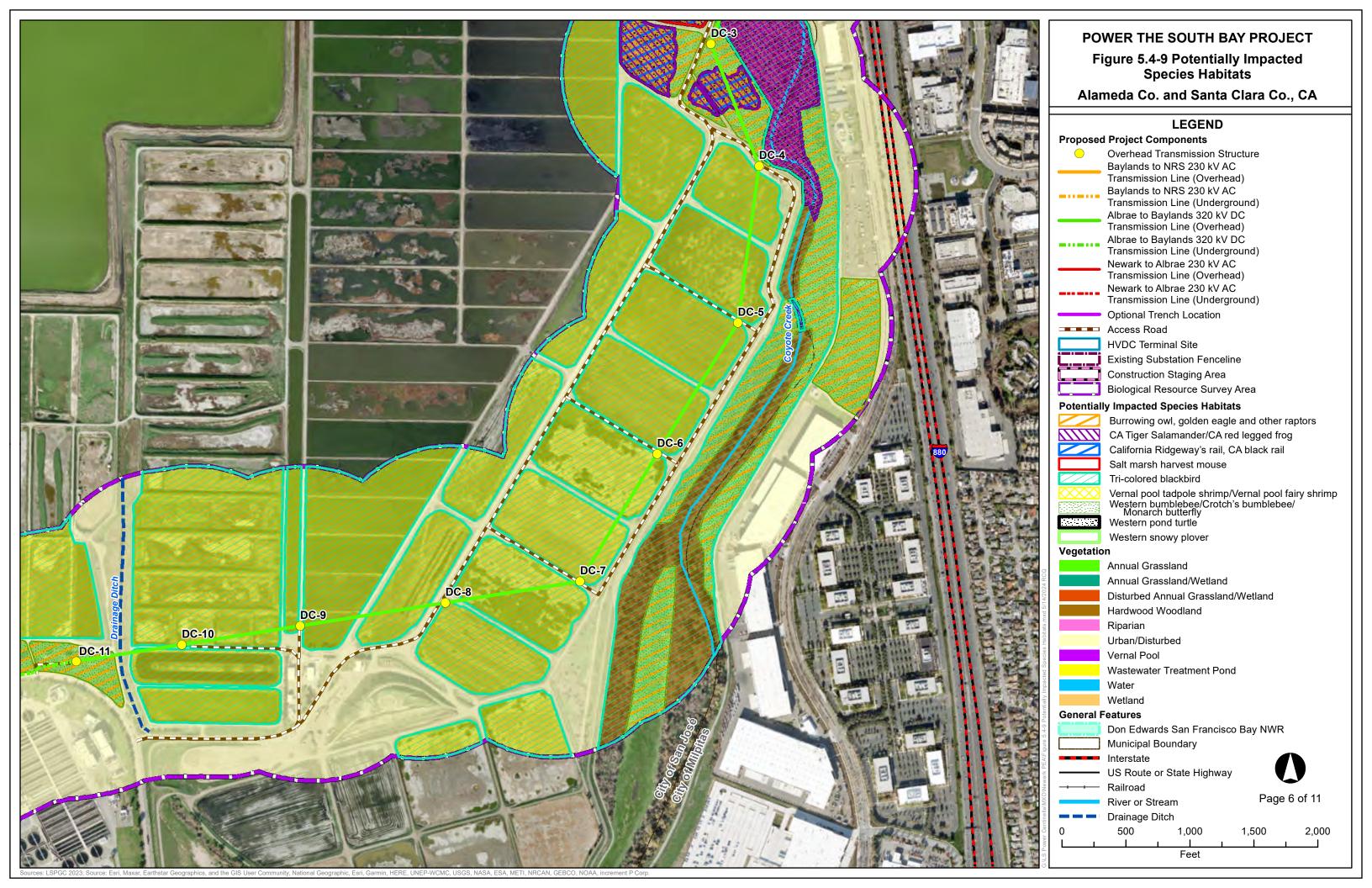


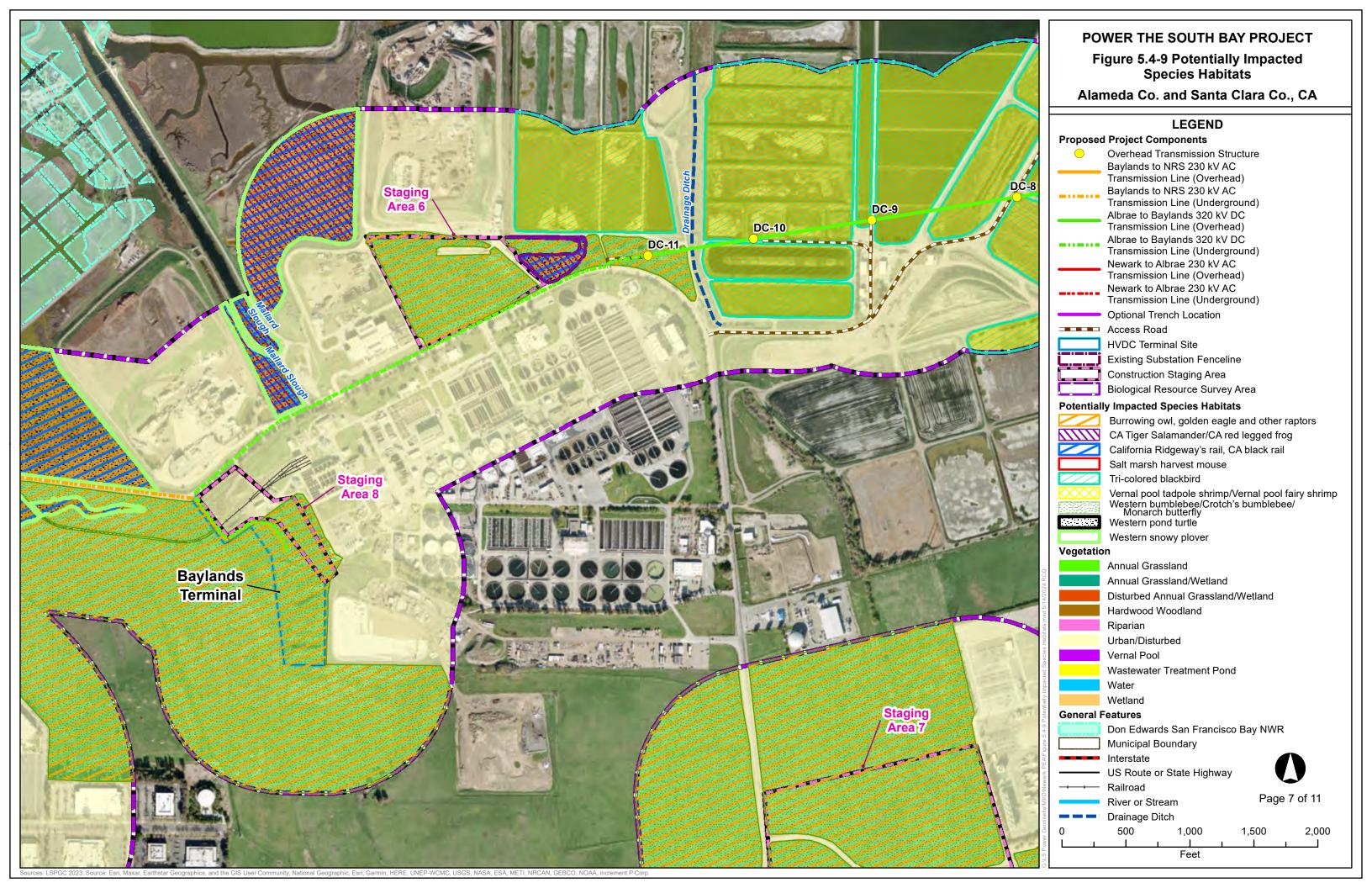




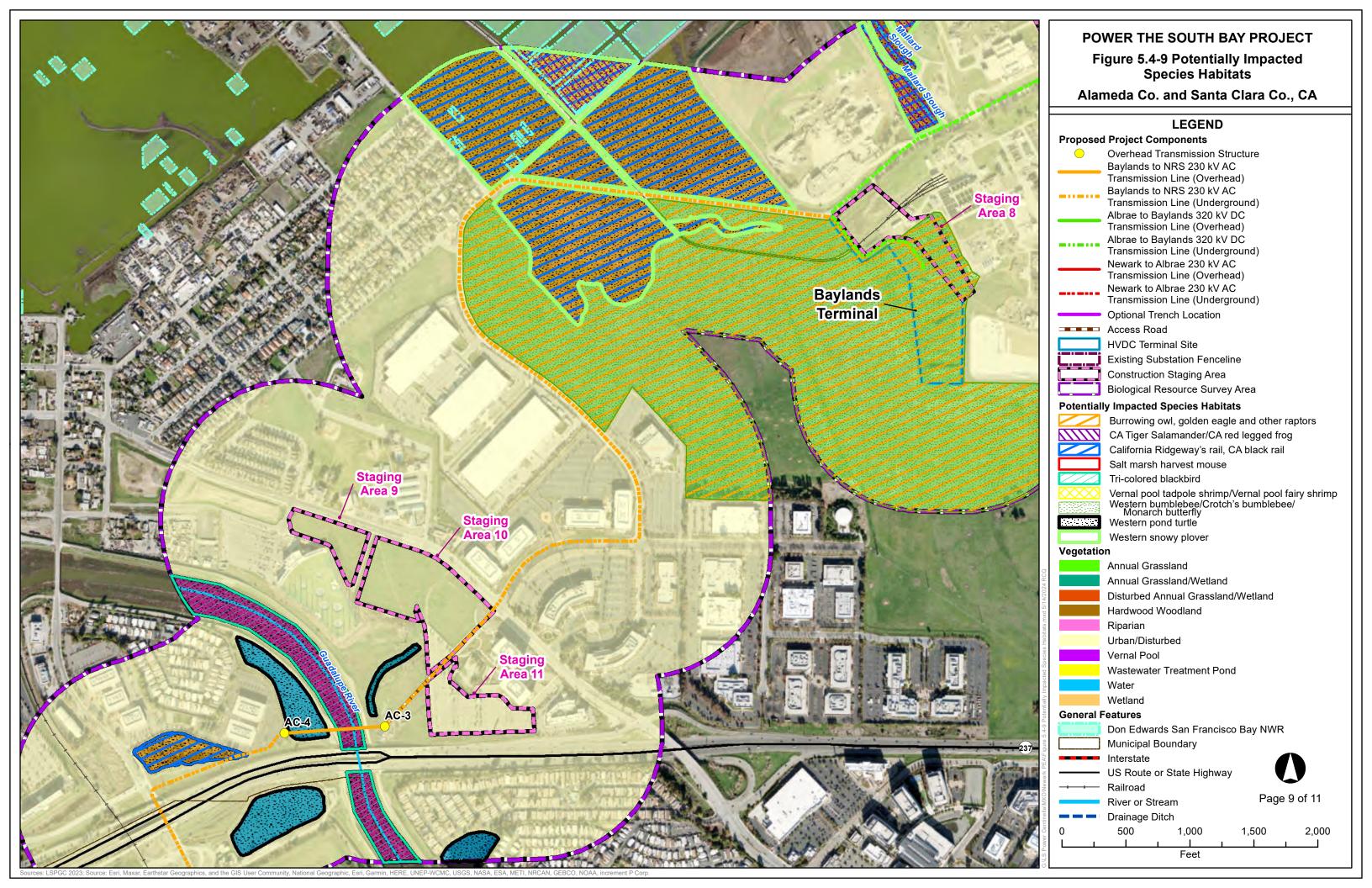


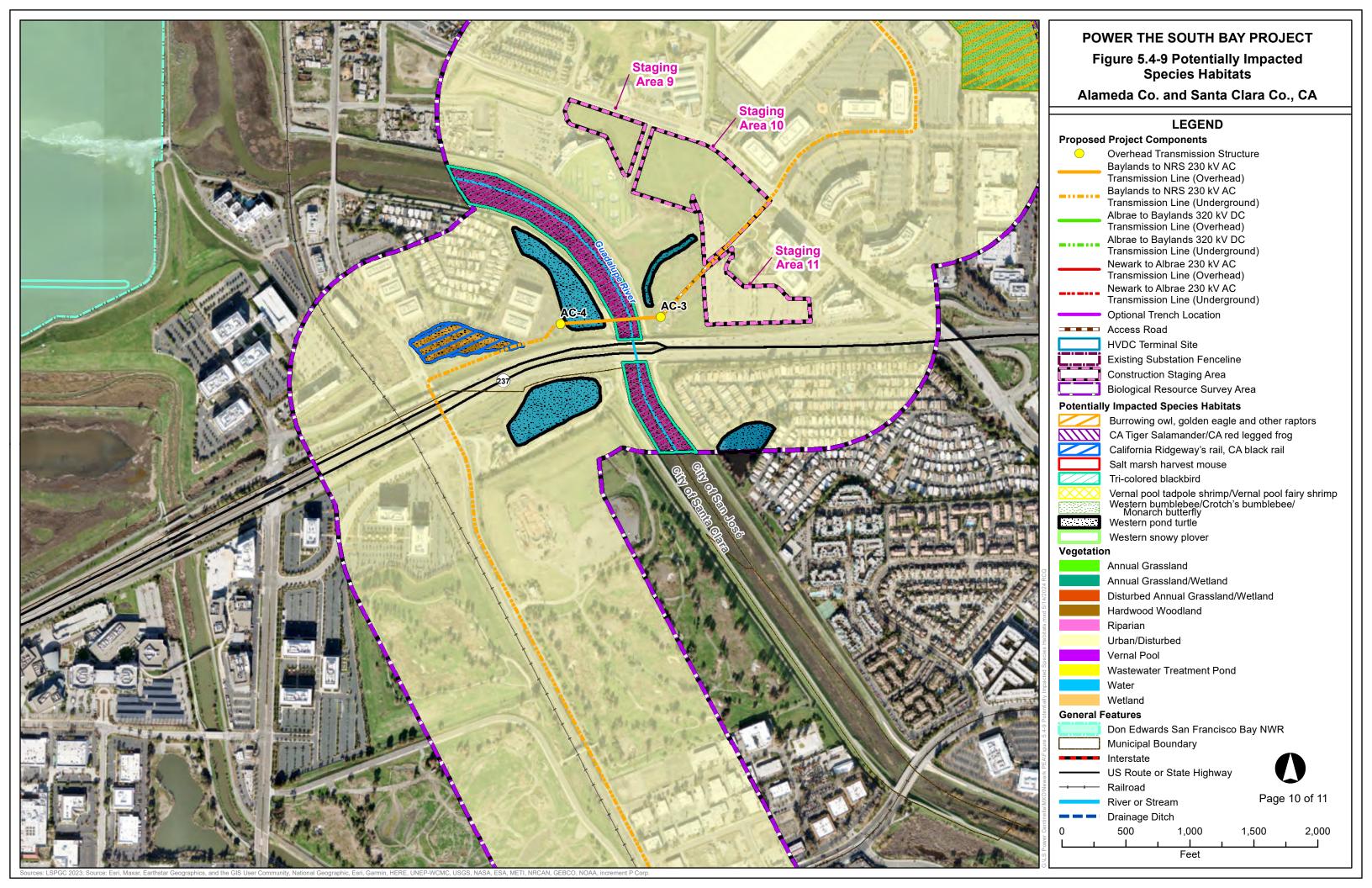


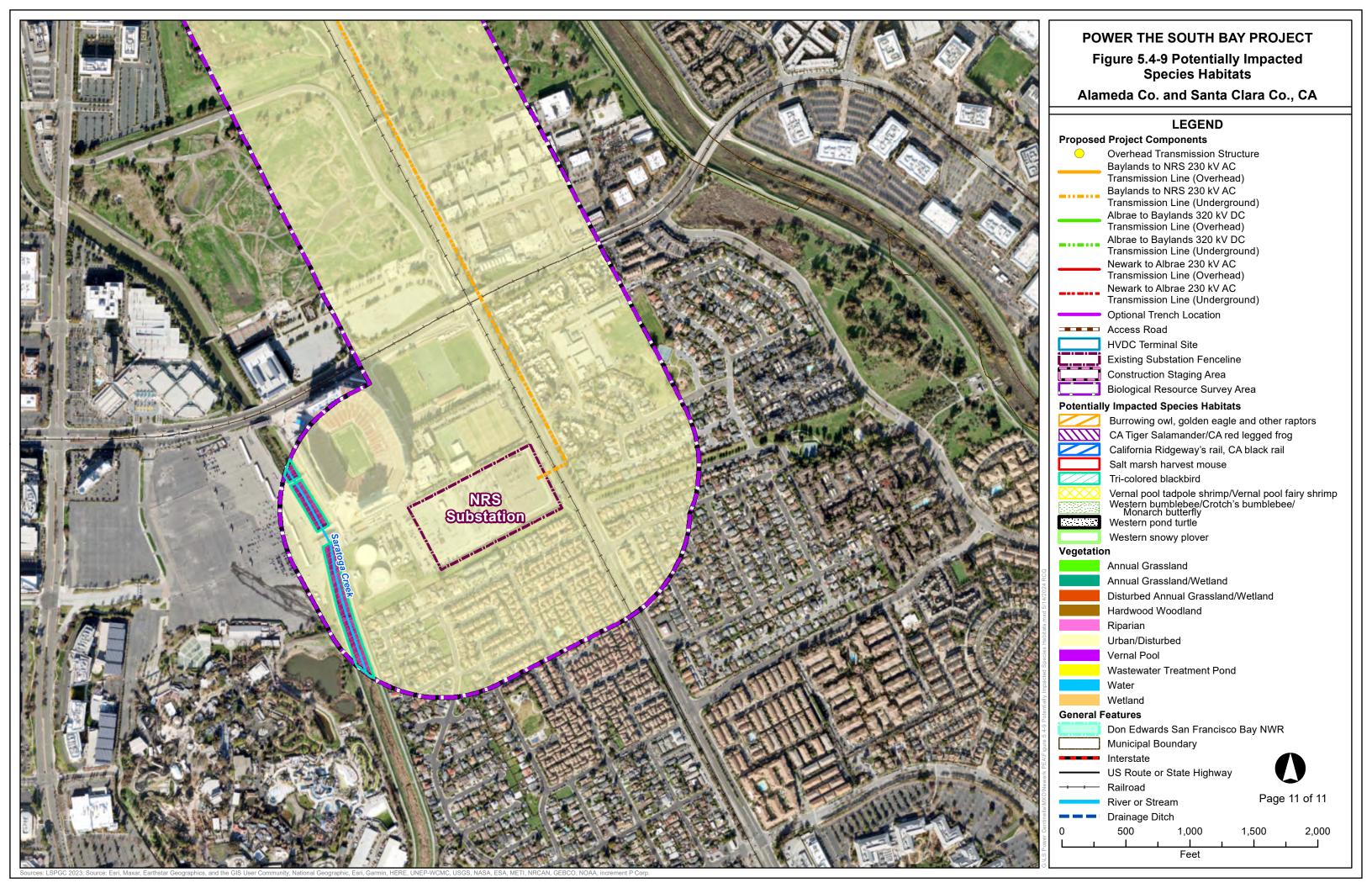


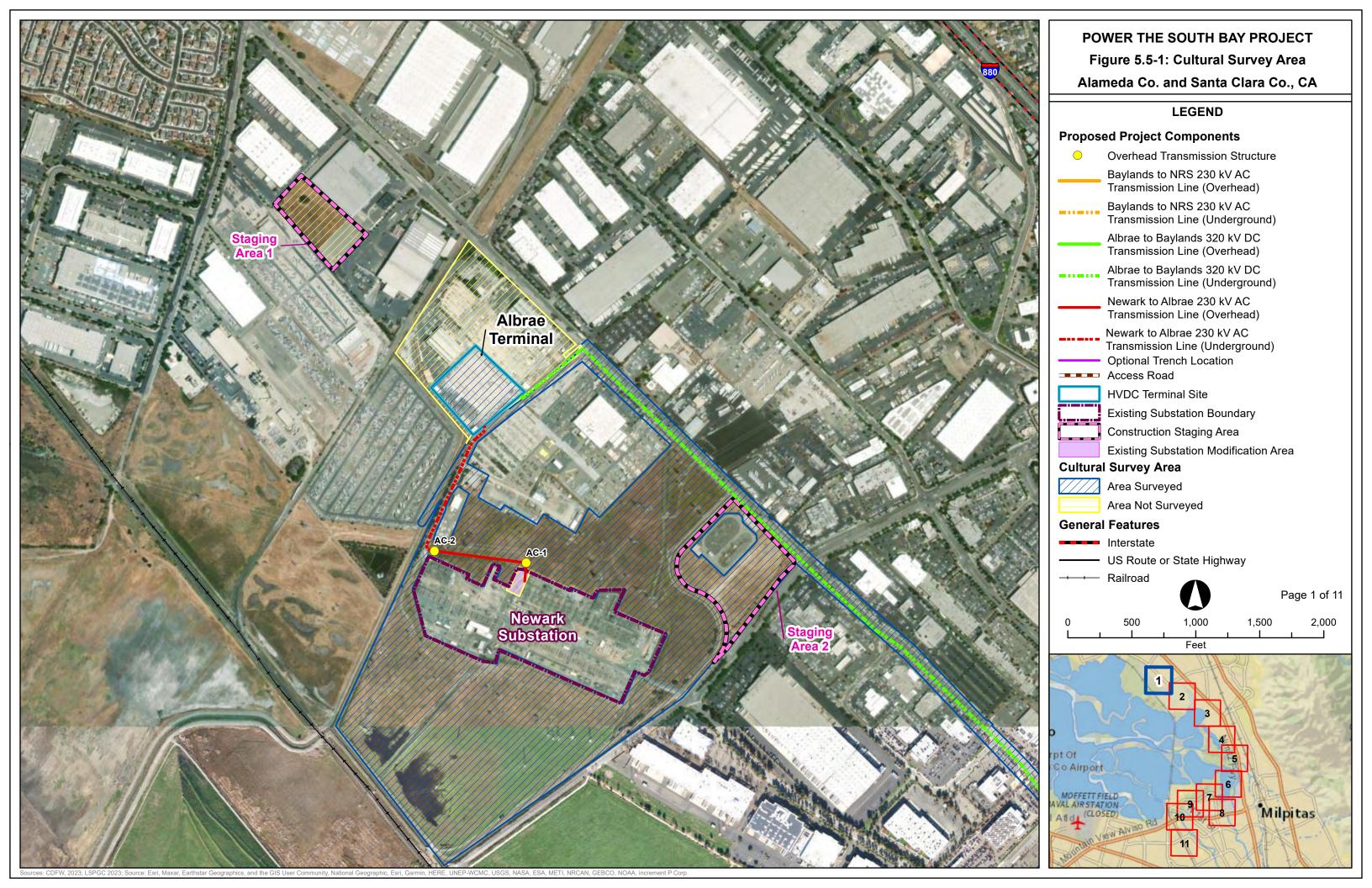


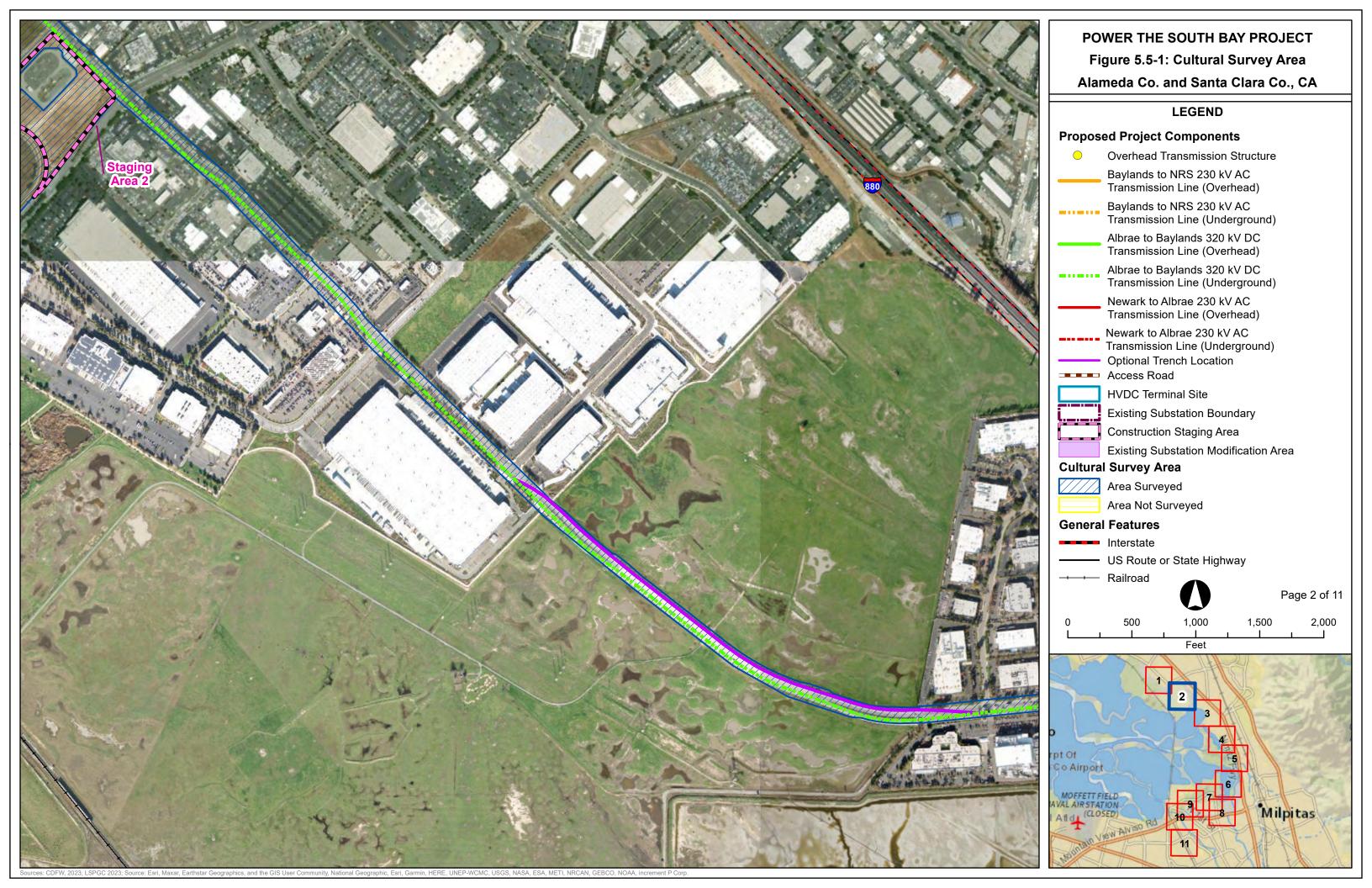


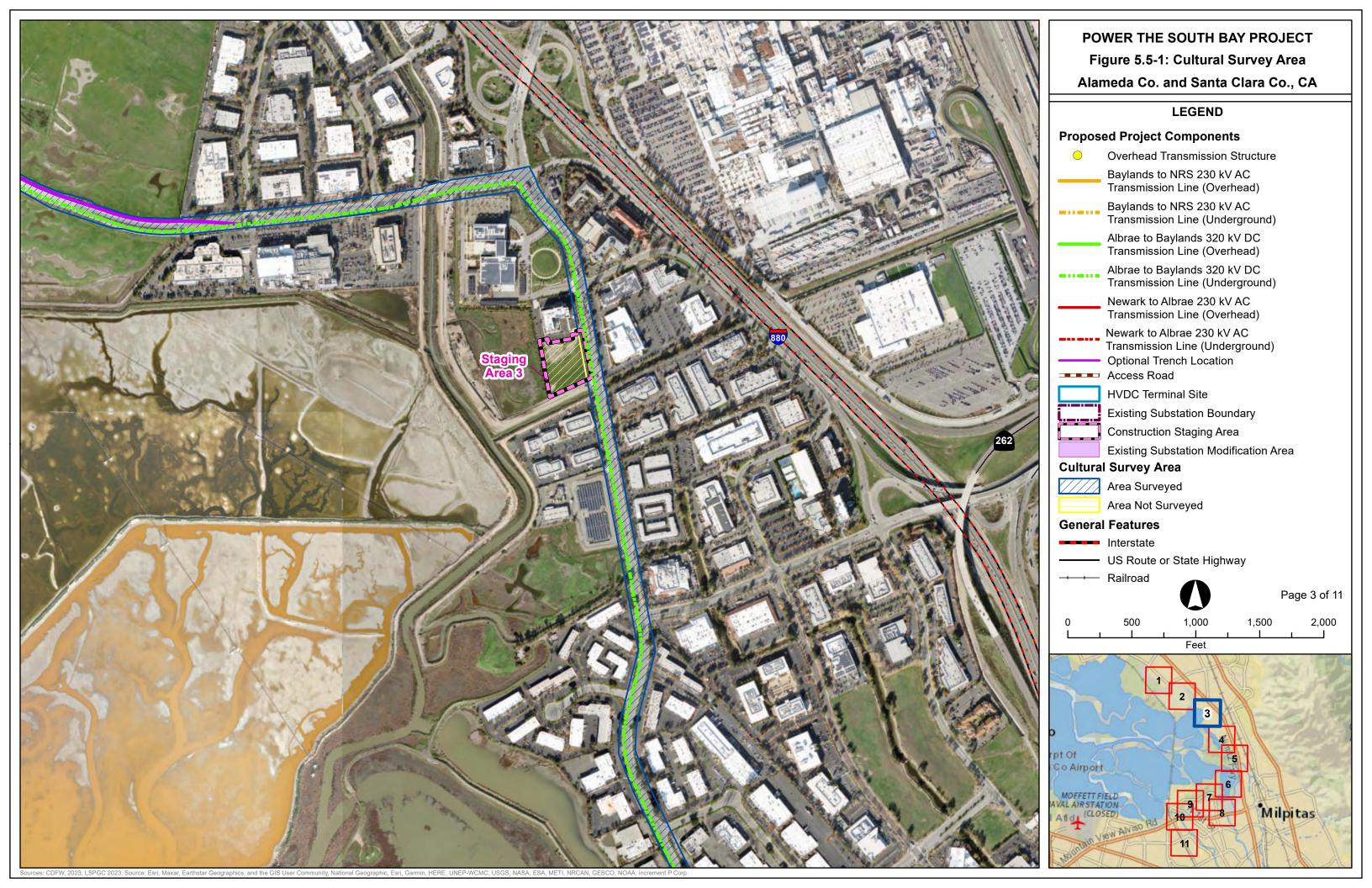


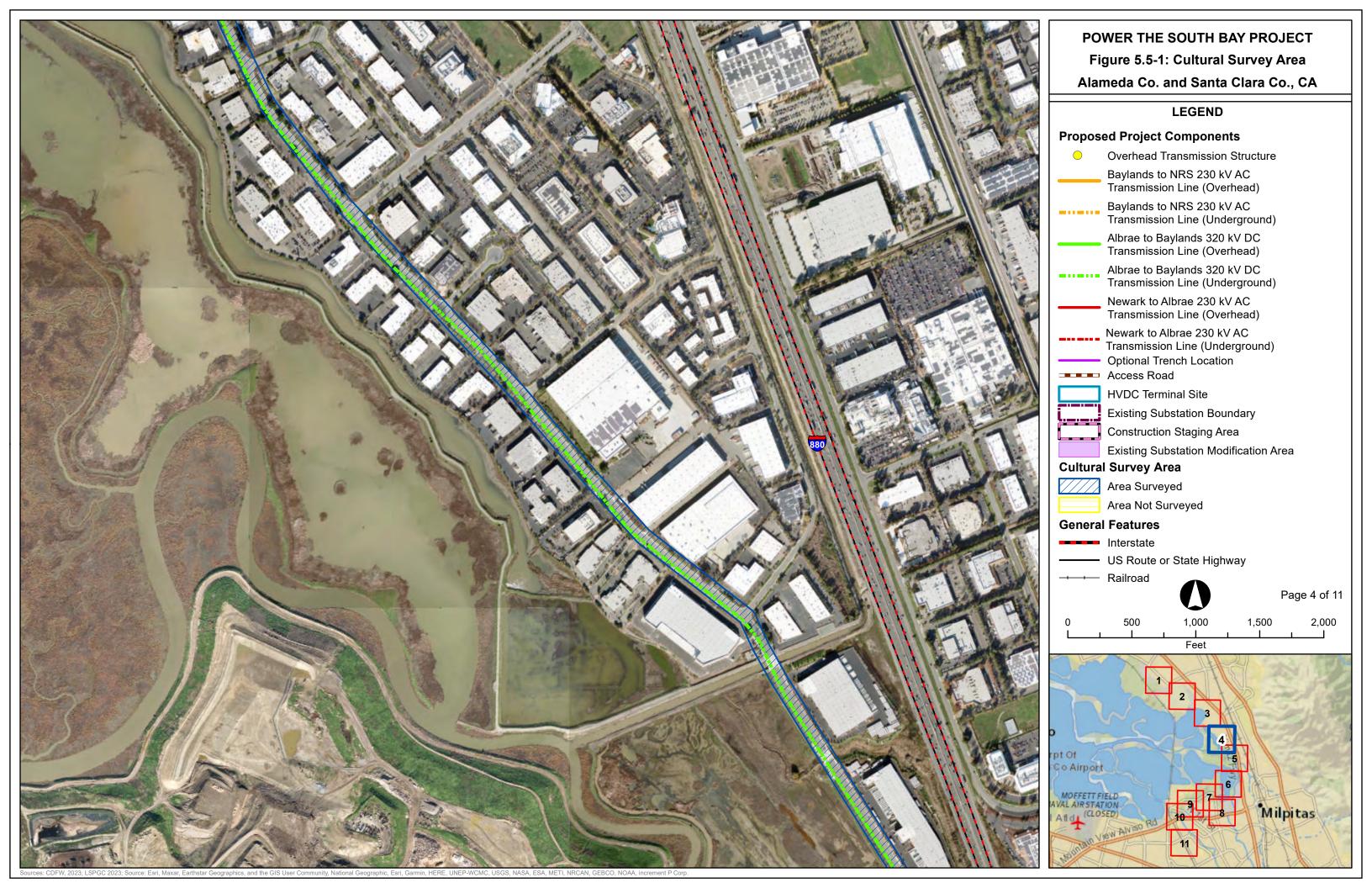


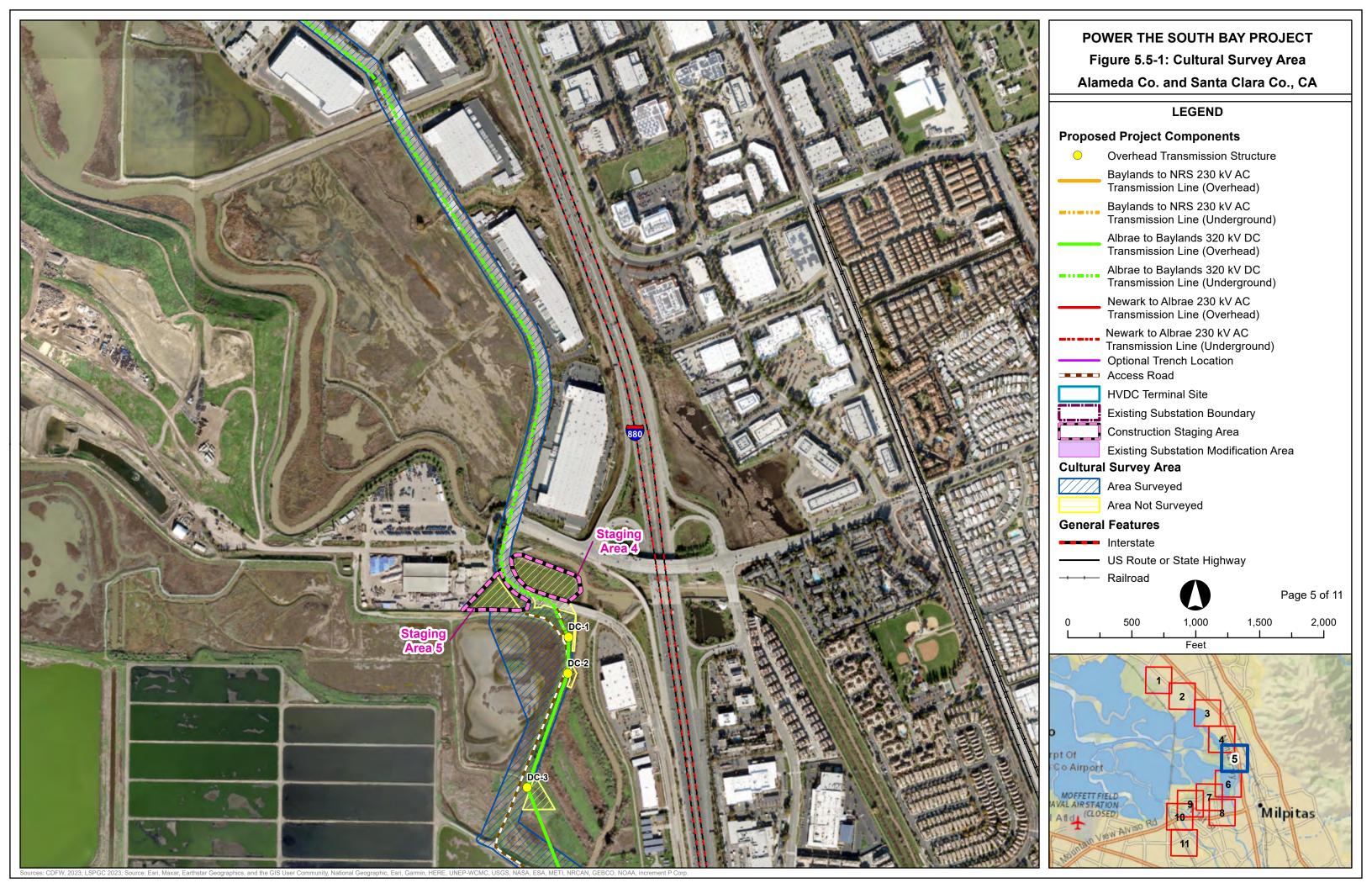


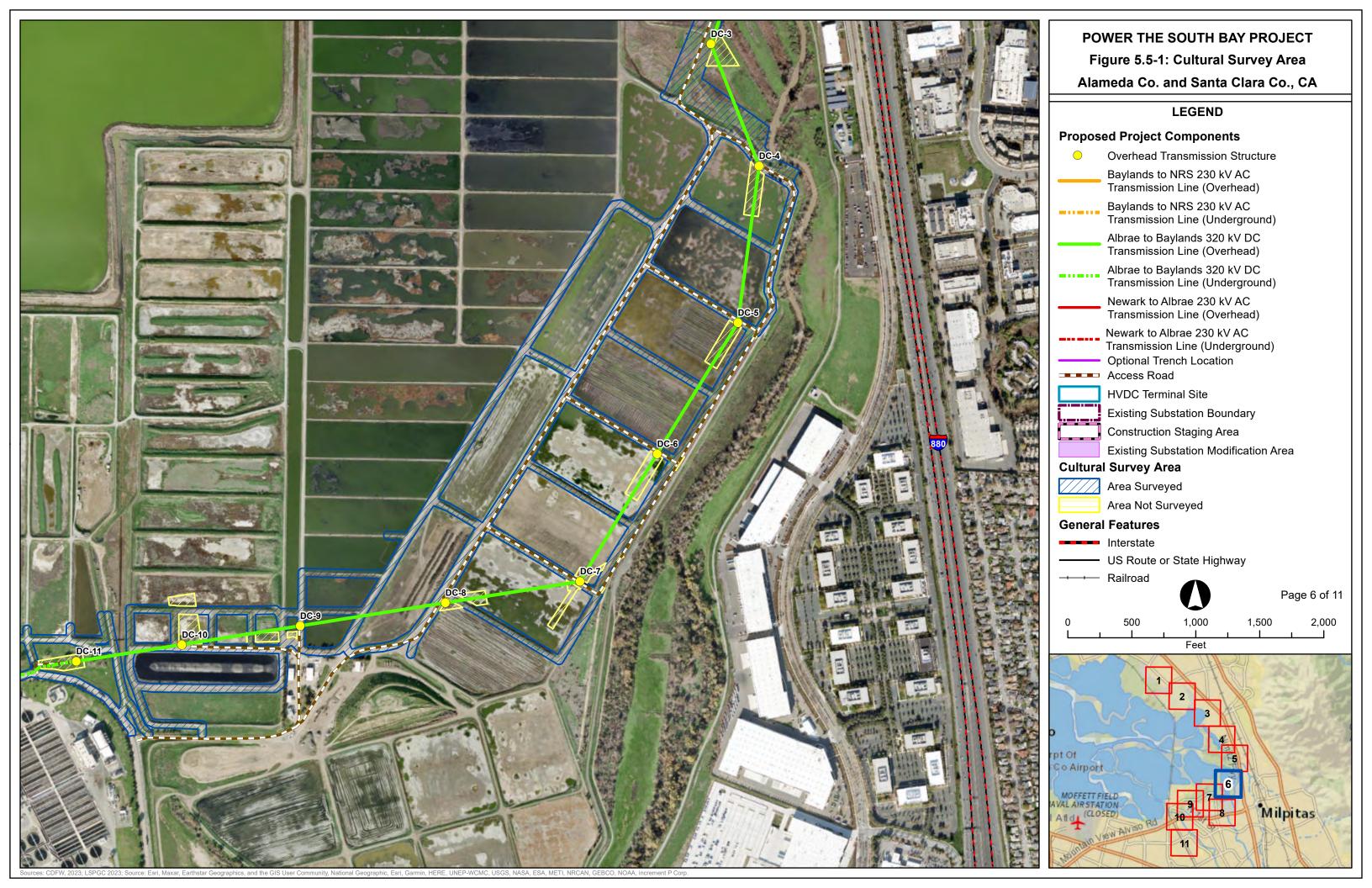


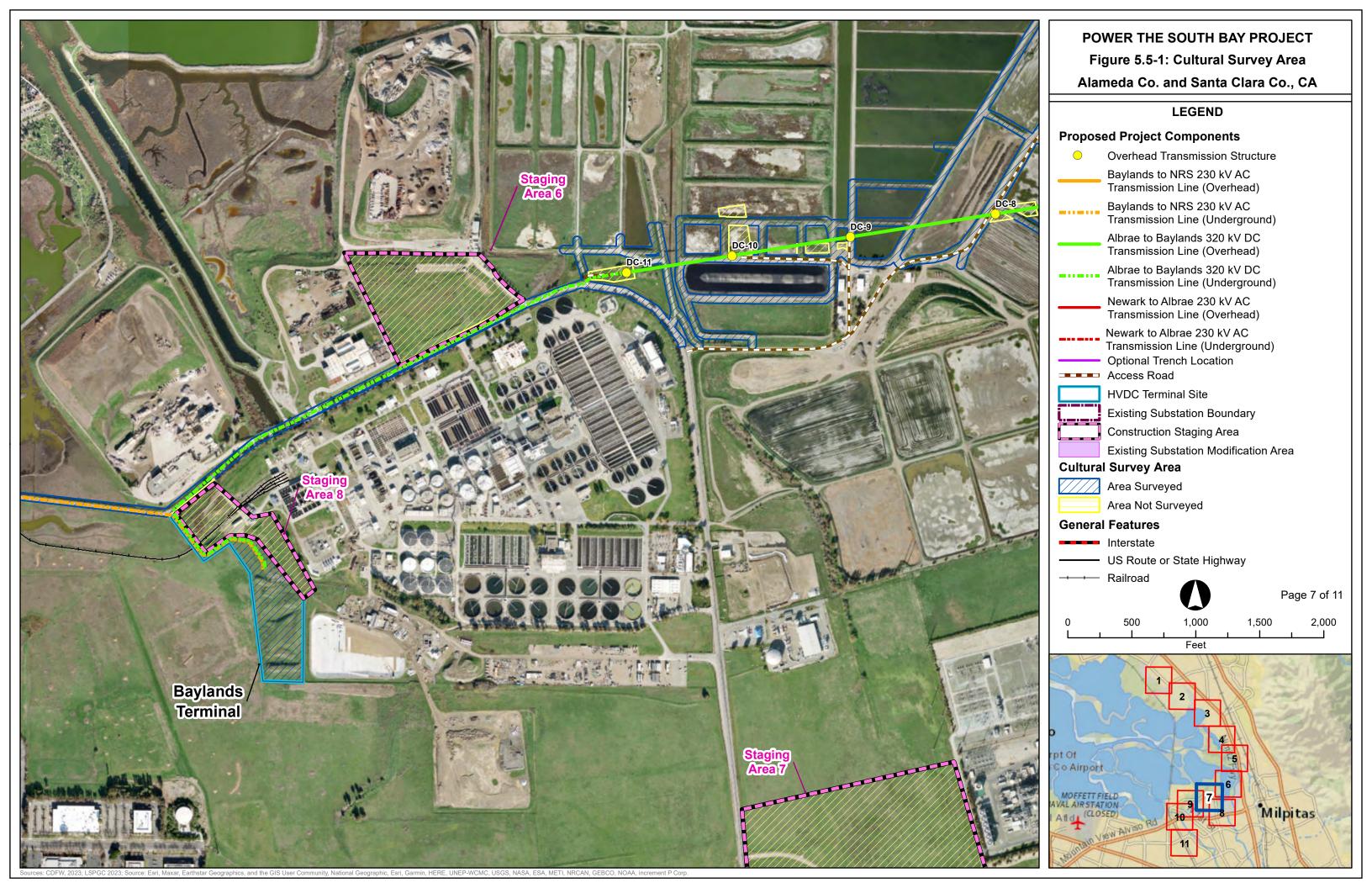




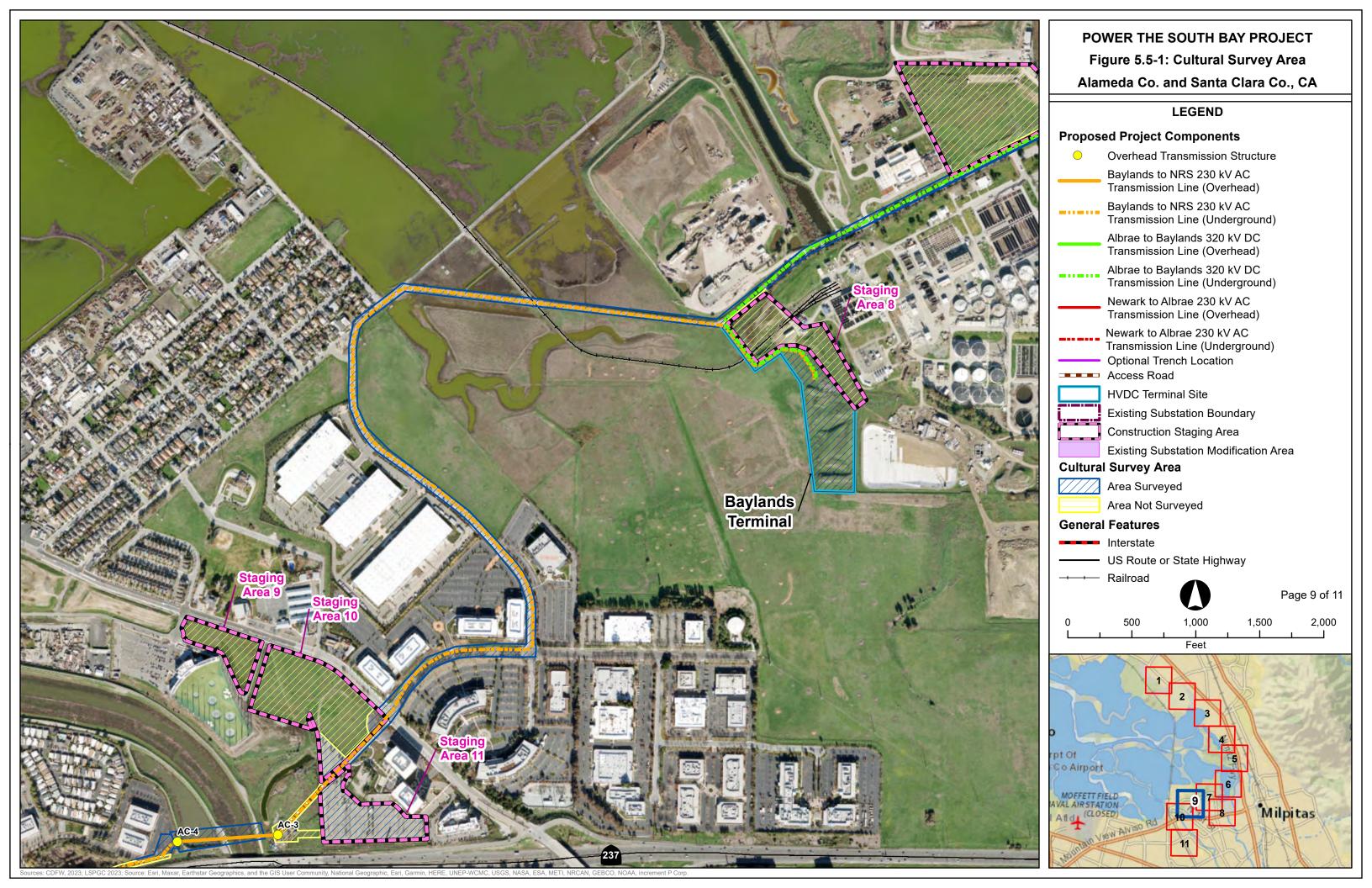


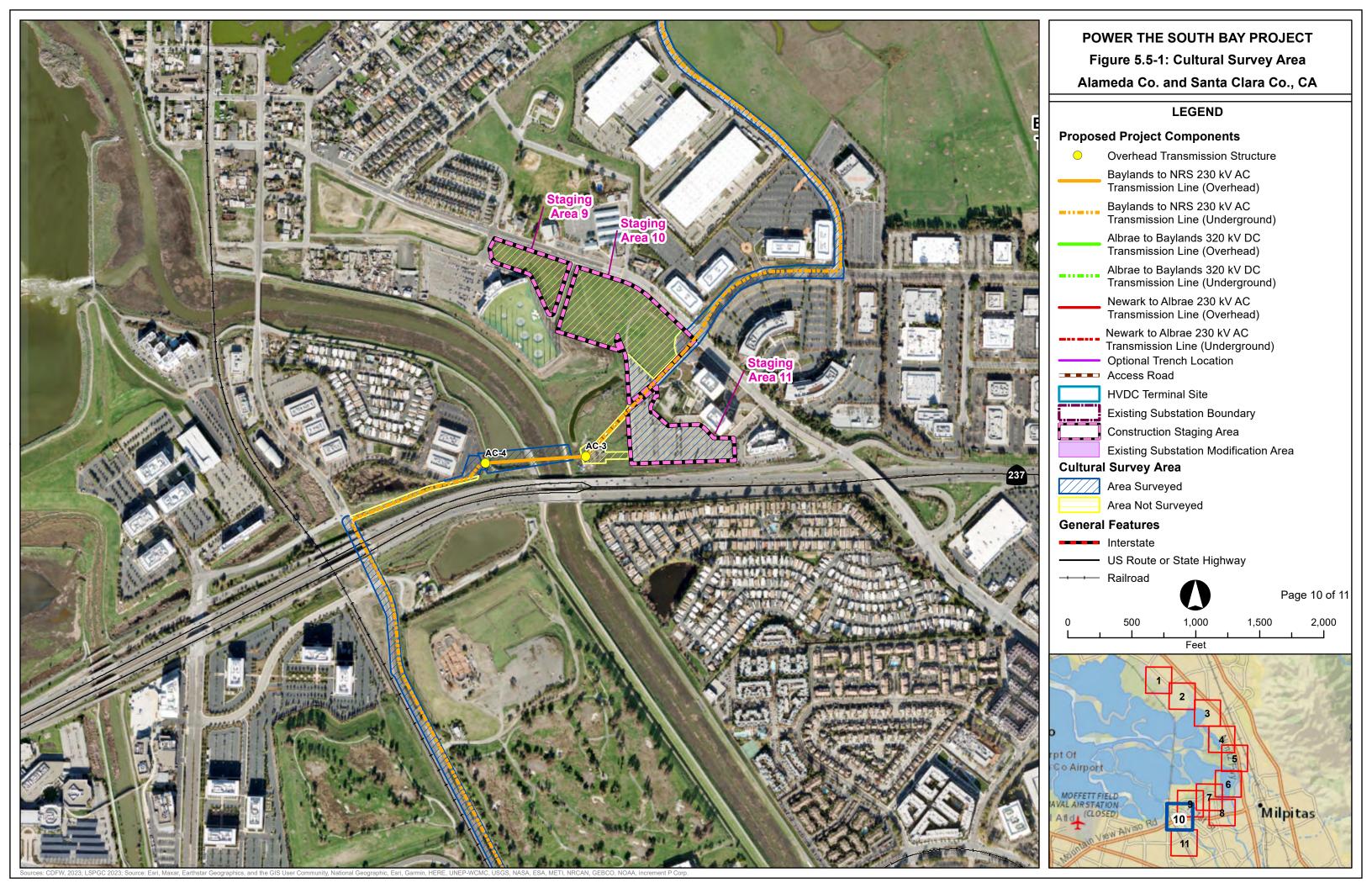


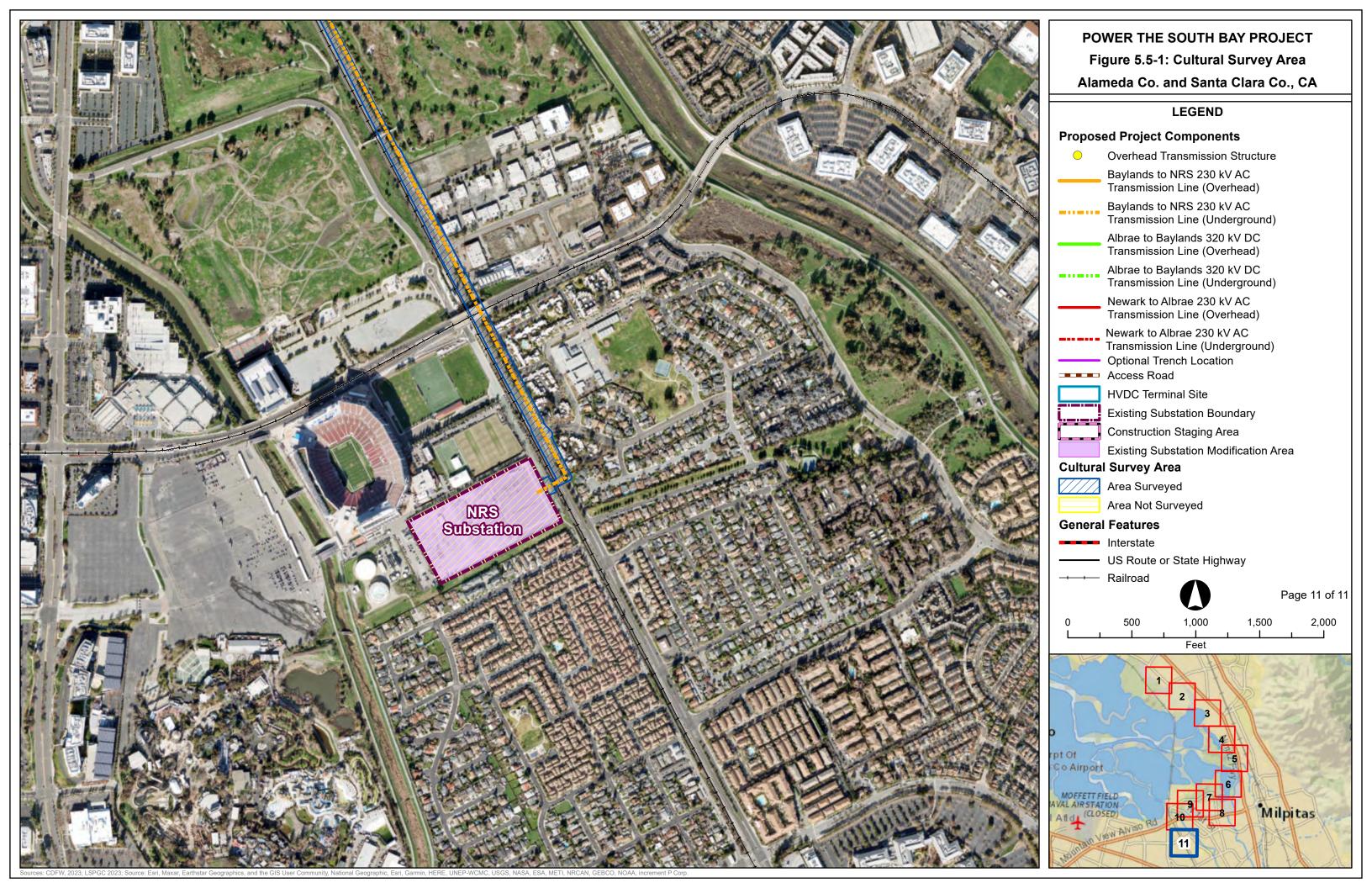


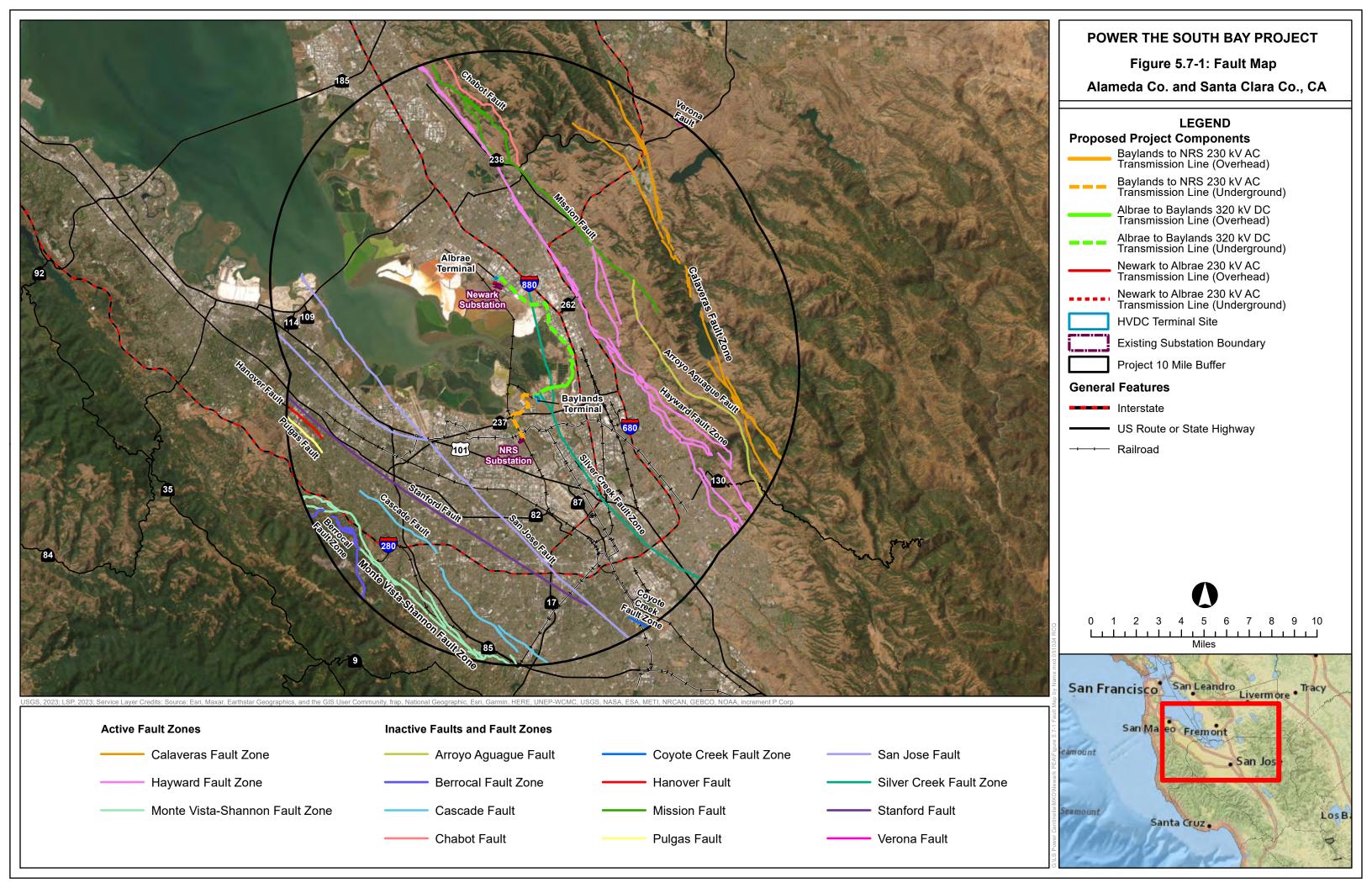


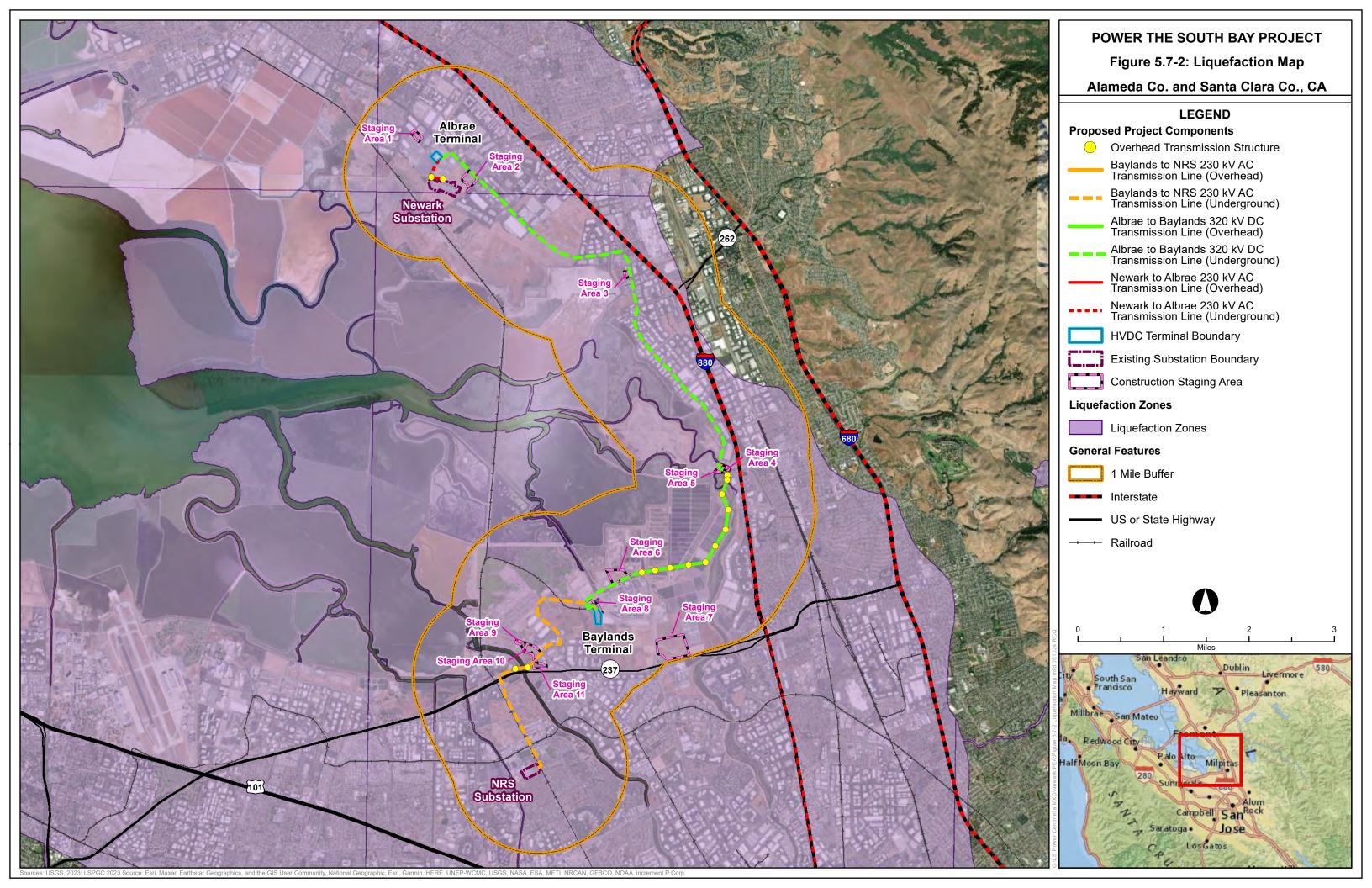


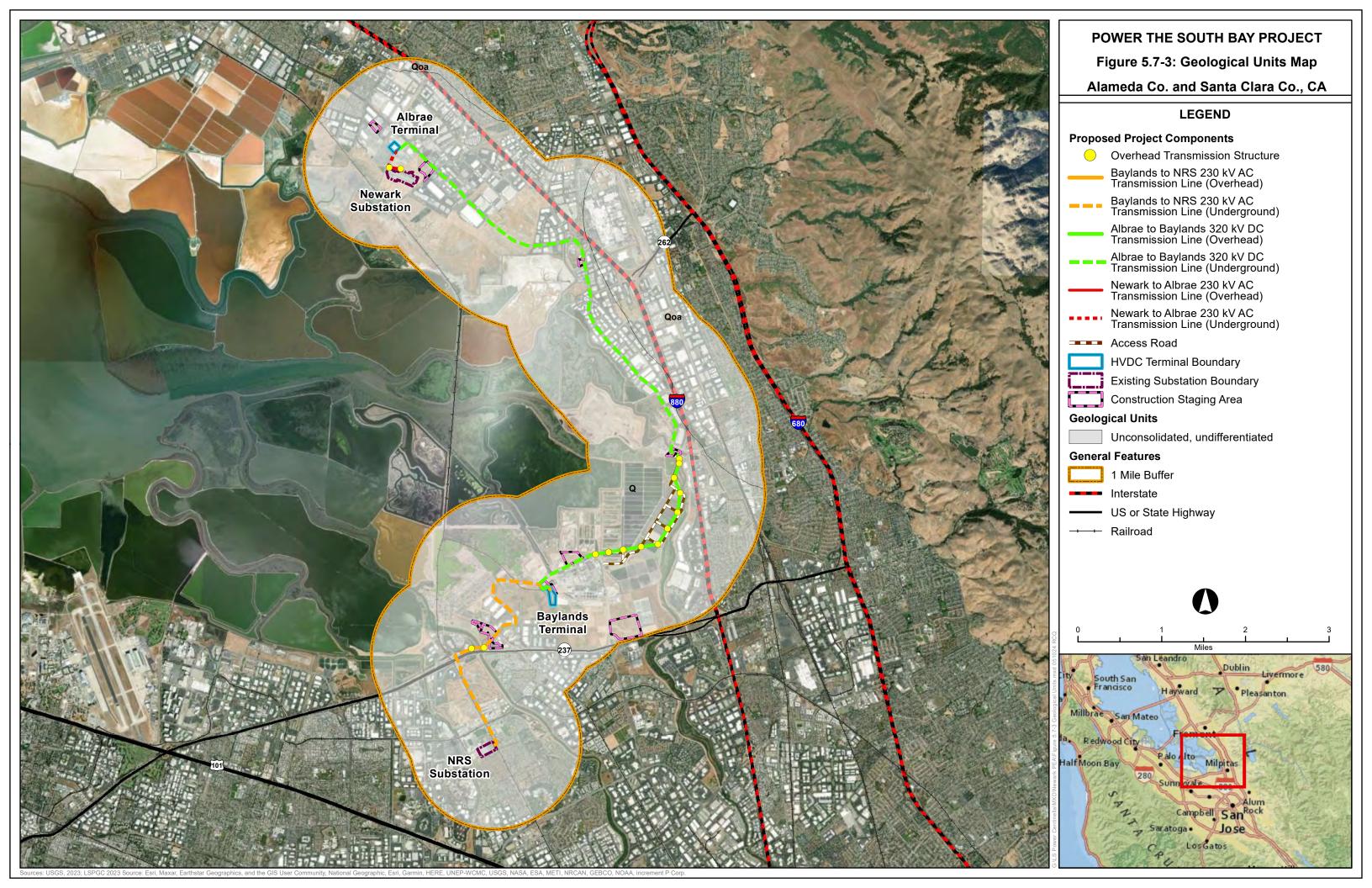








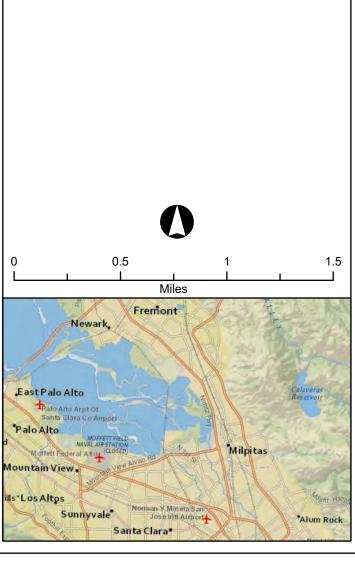


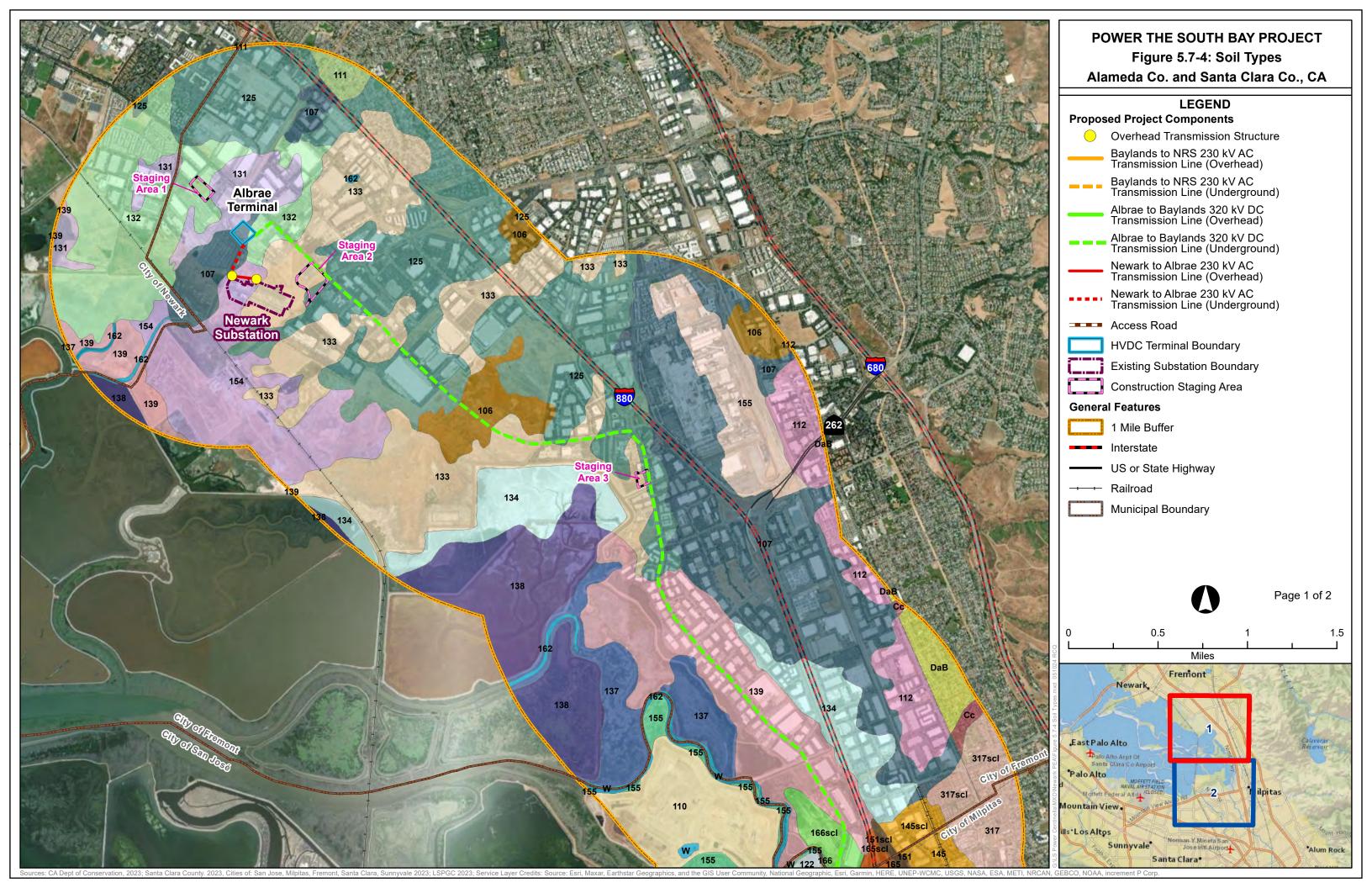


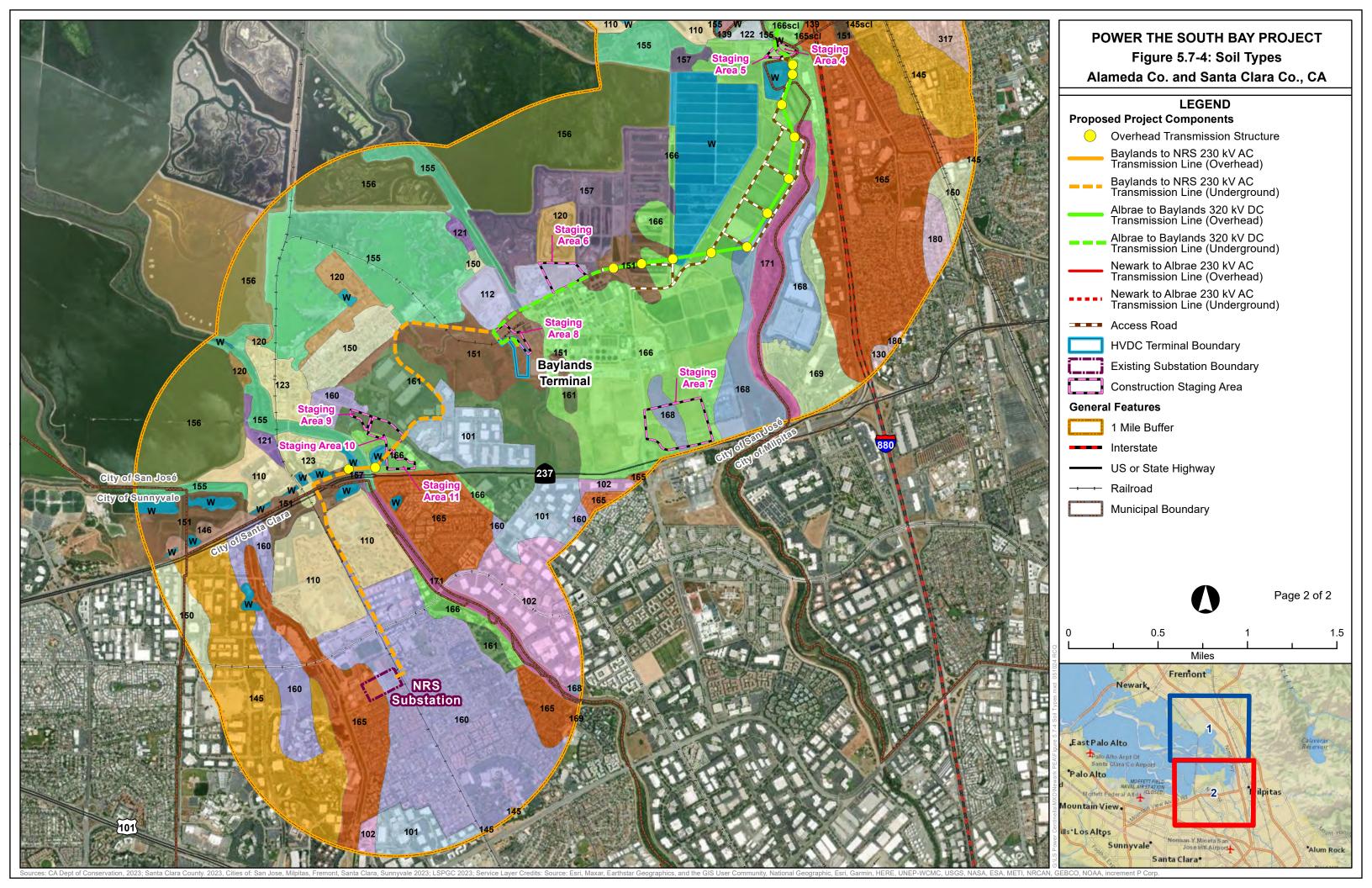
Soil Types

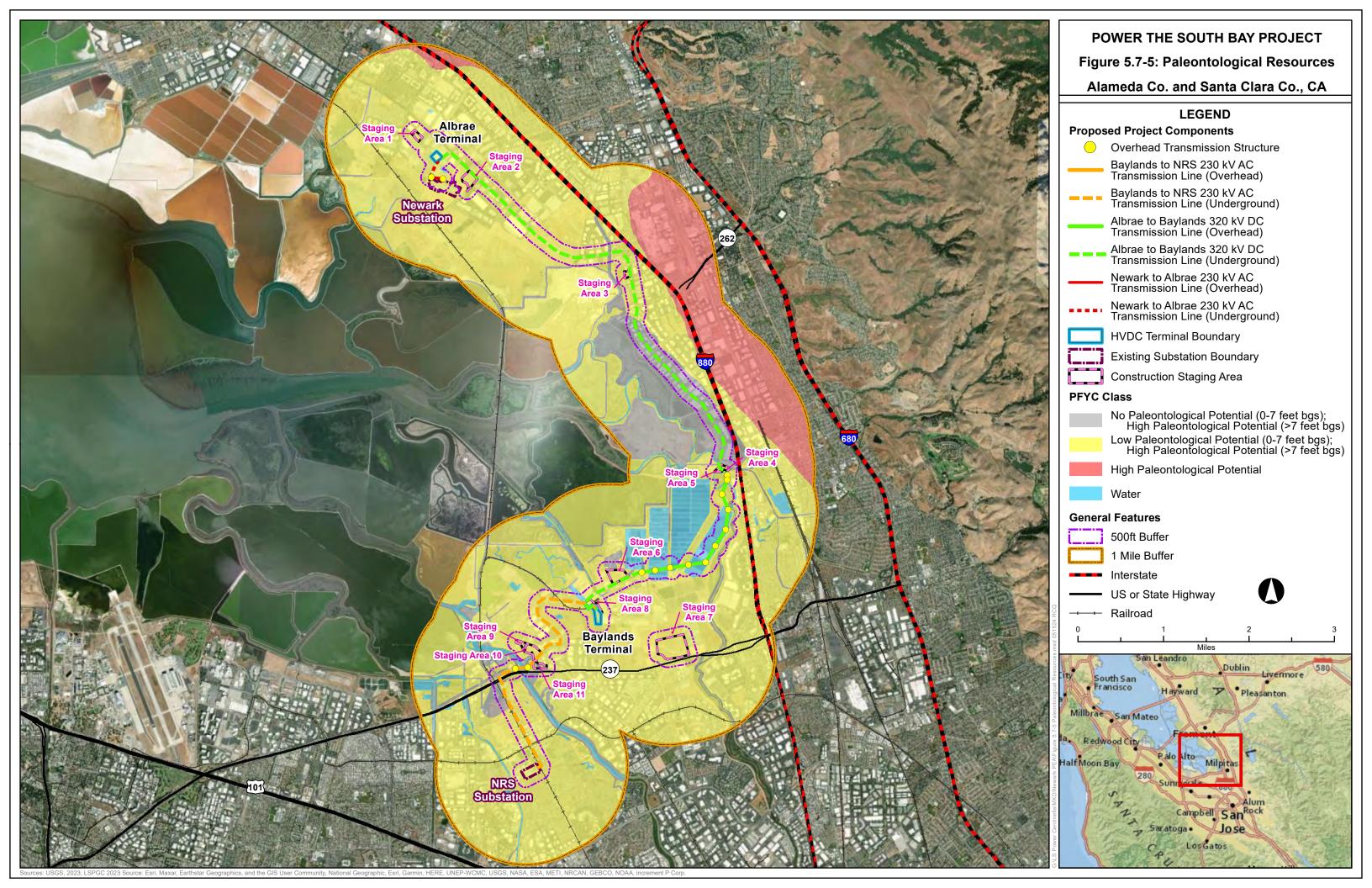


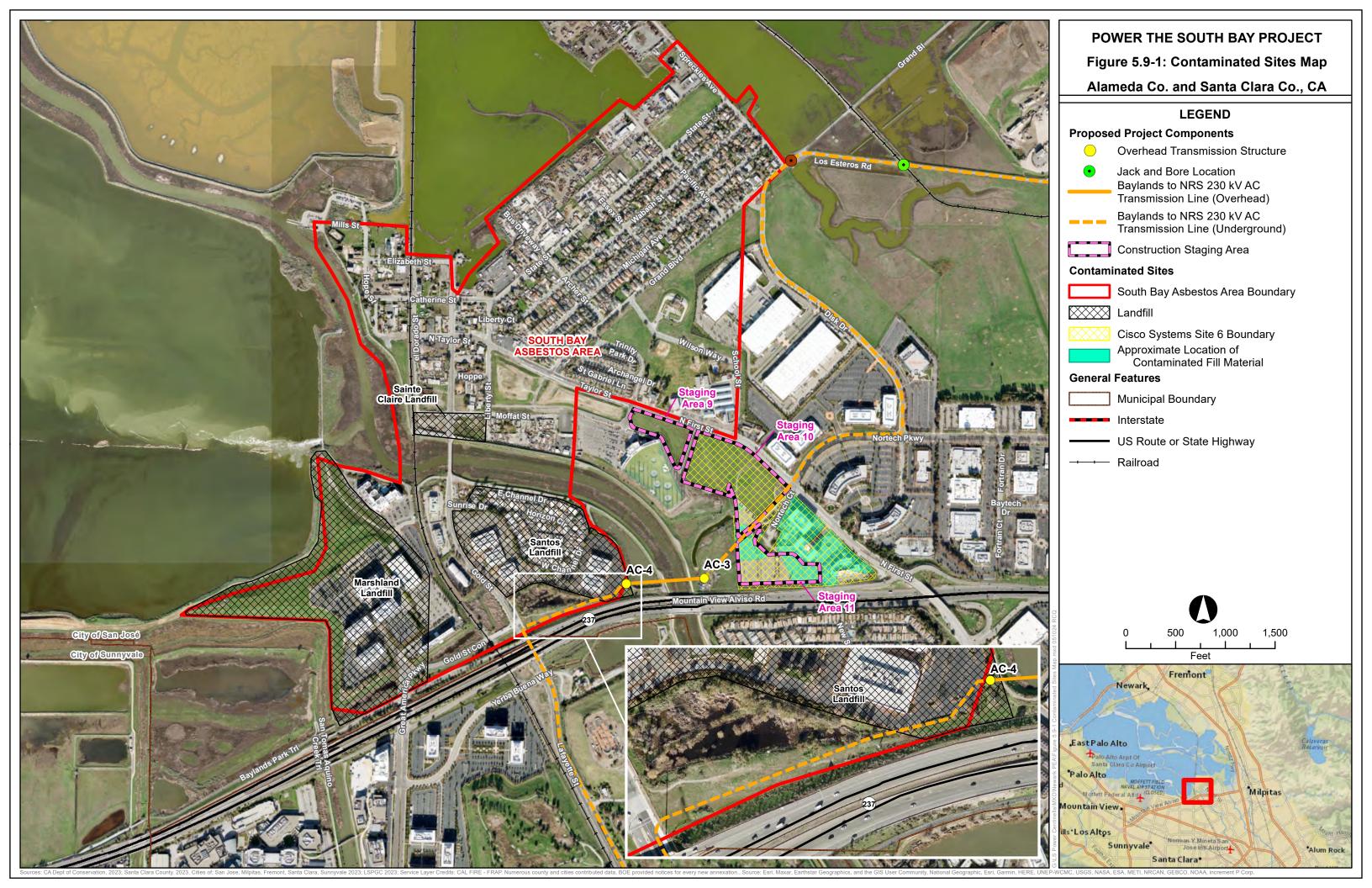
POWER THE SOUTH BAY PROJECT Figure 5.7-4: Soil Types Alameda Co. and Santa Clara Co., CA

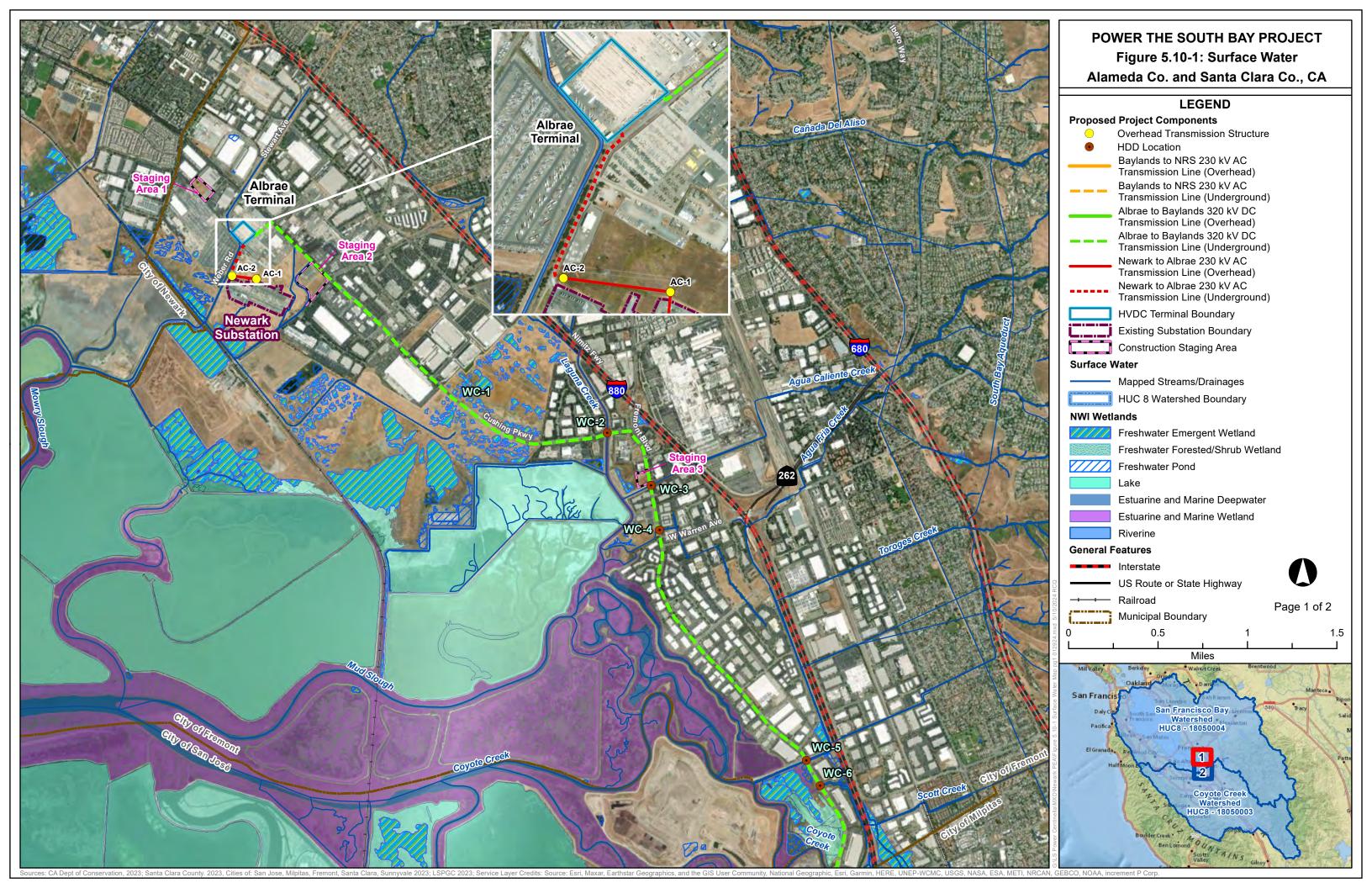


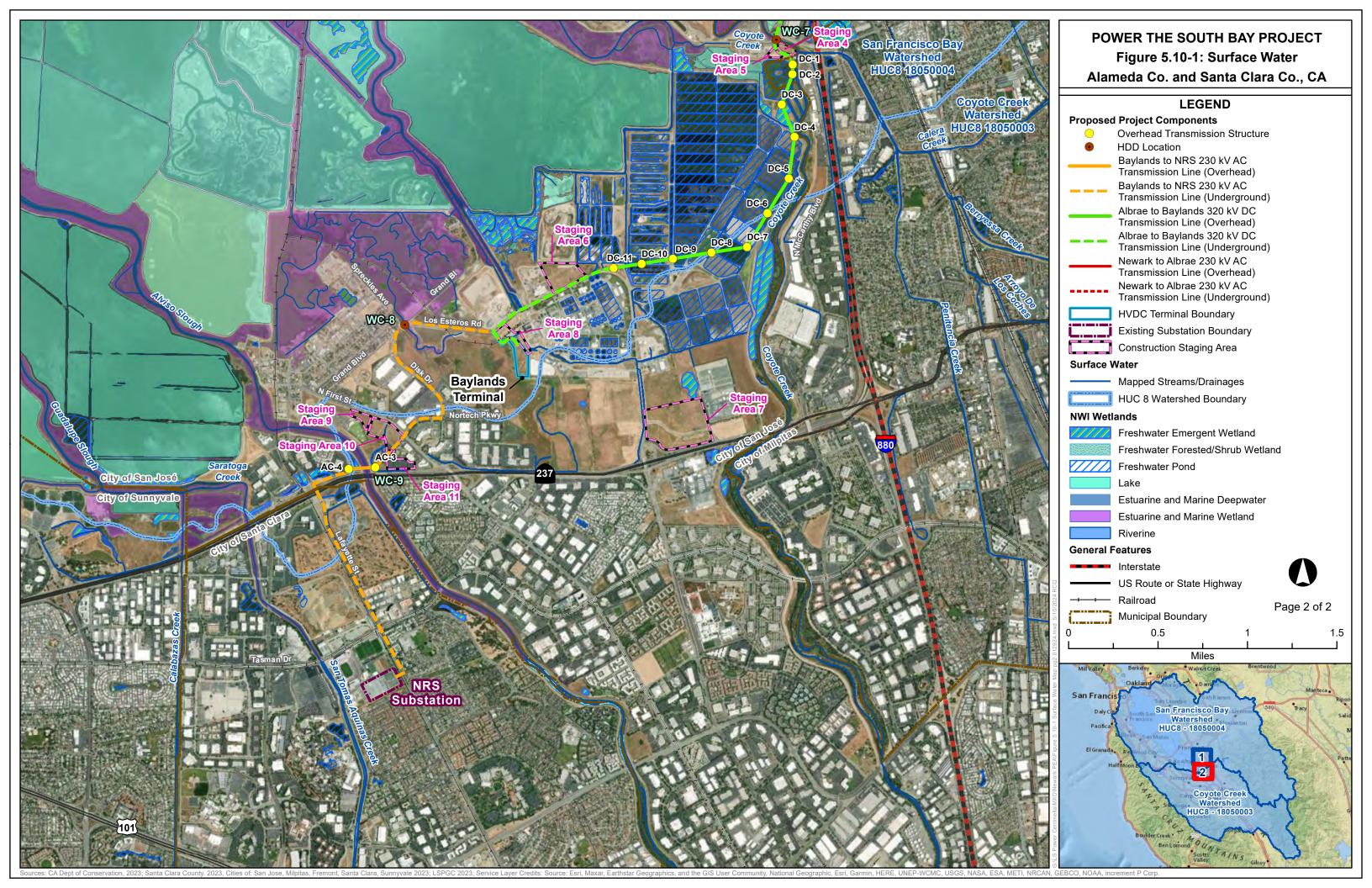


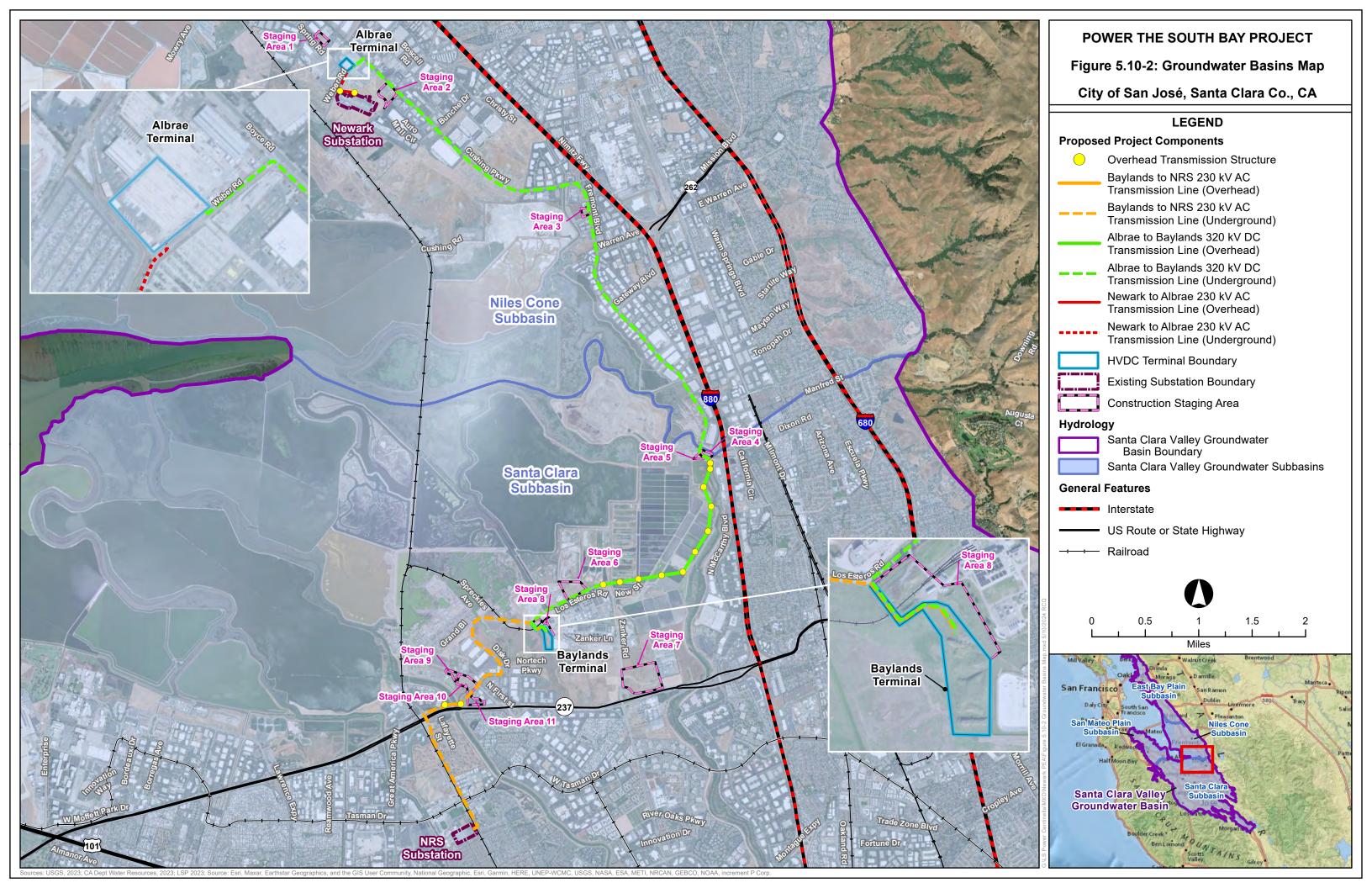


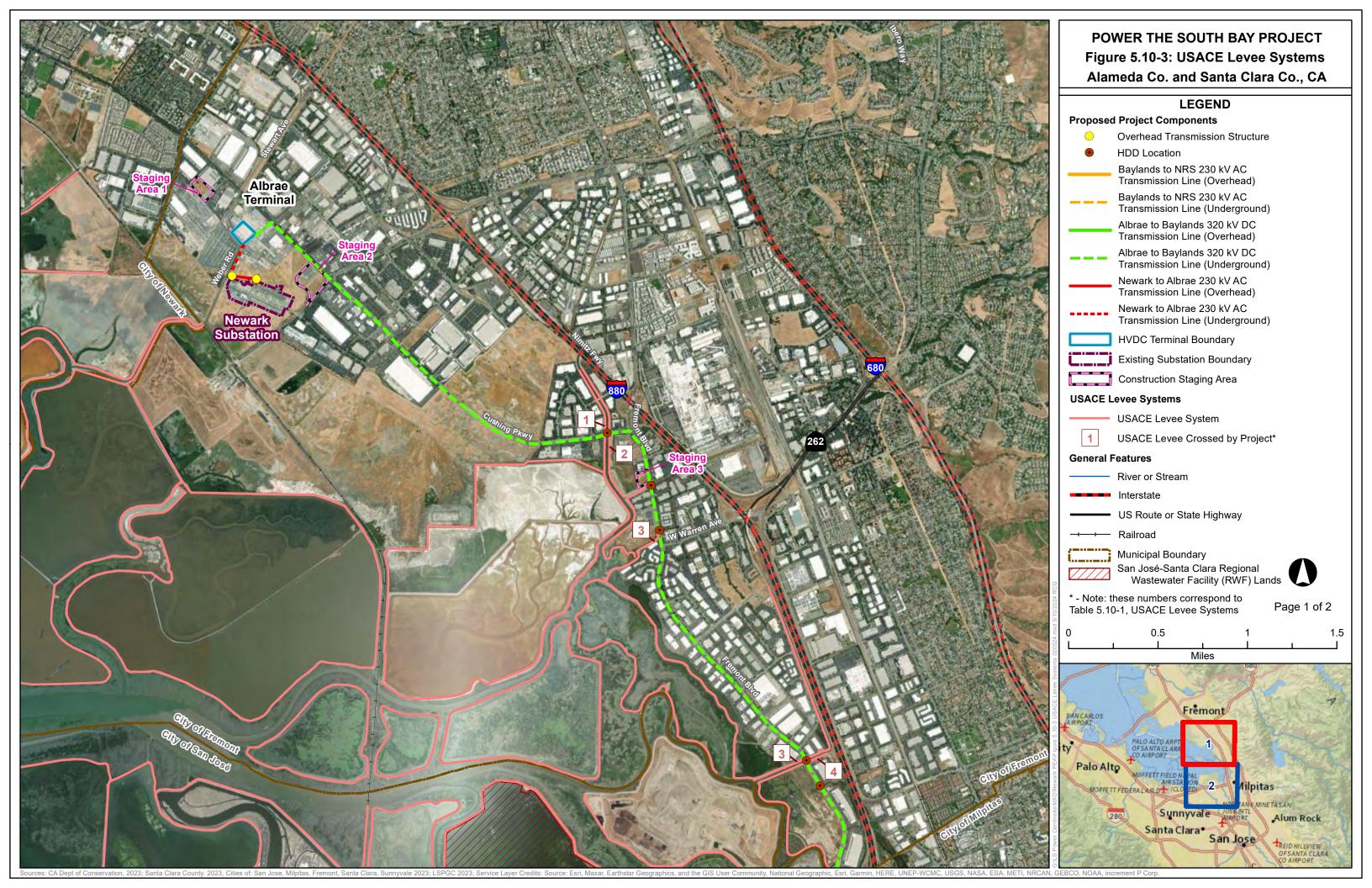


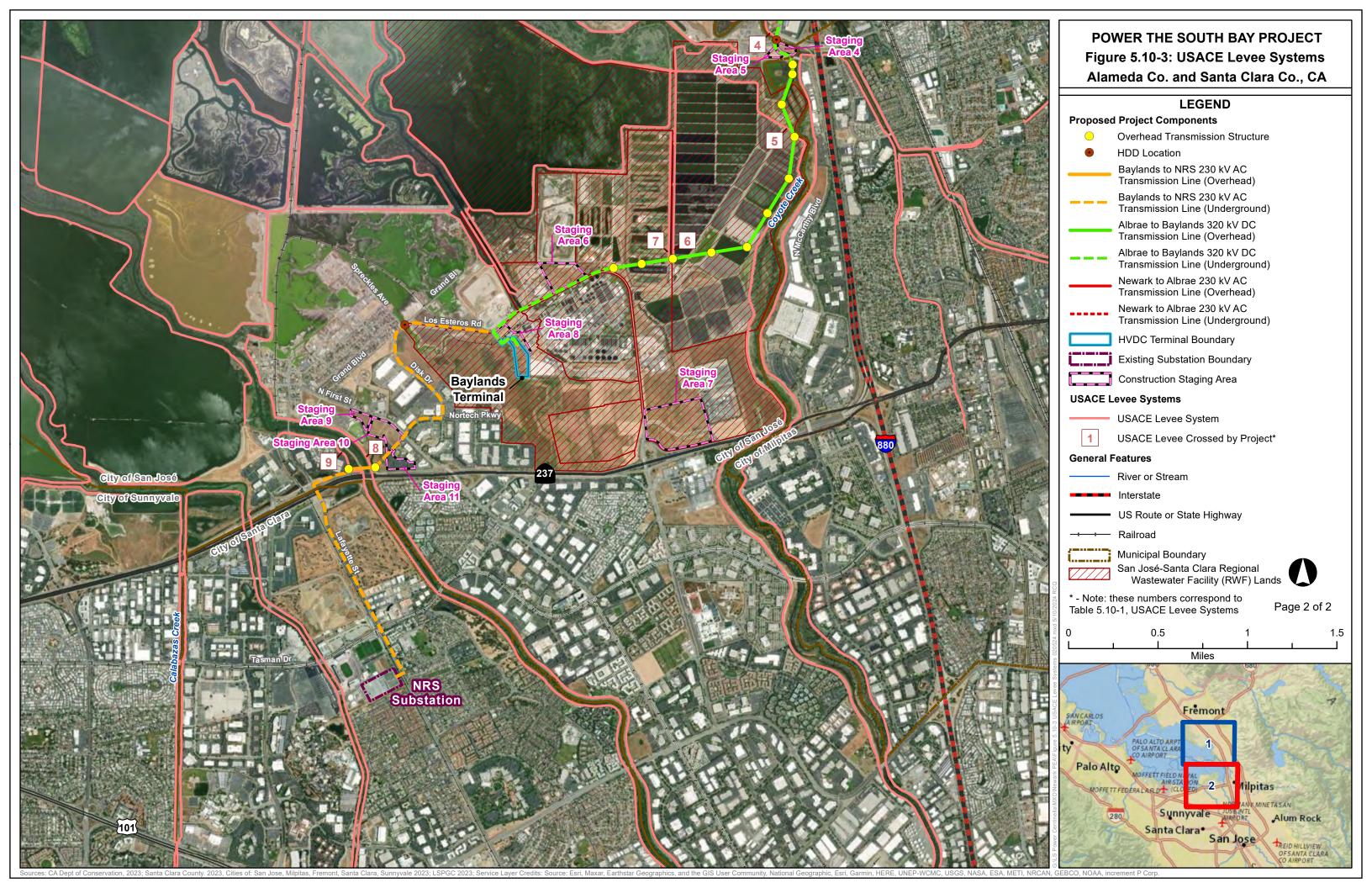


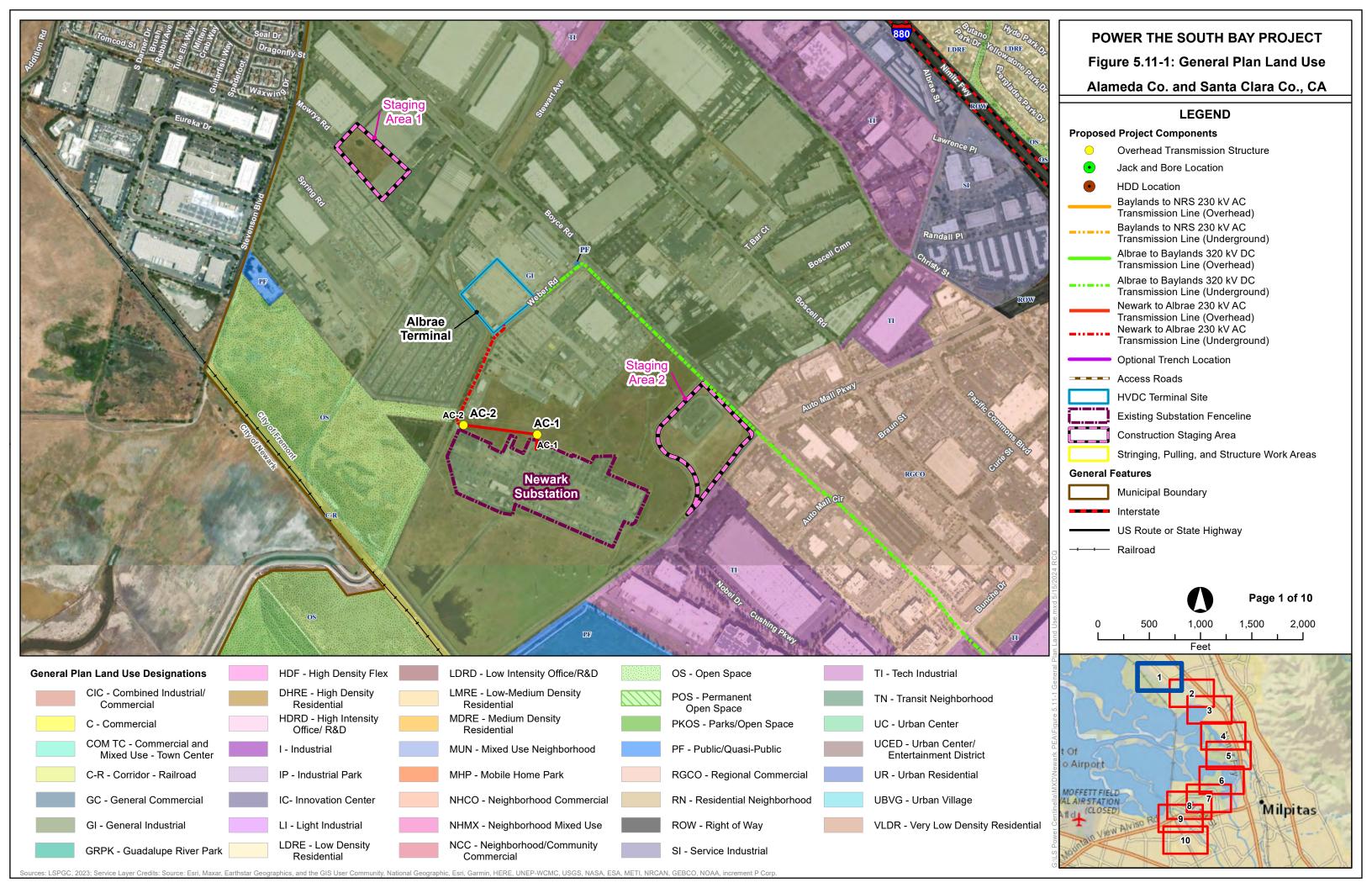


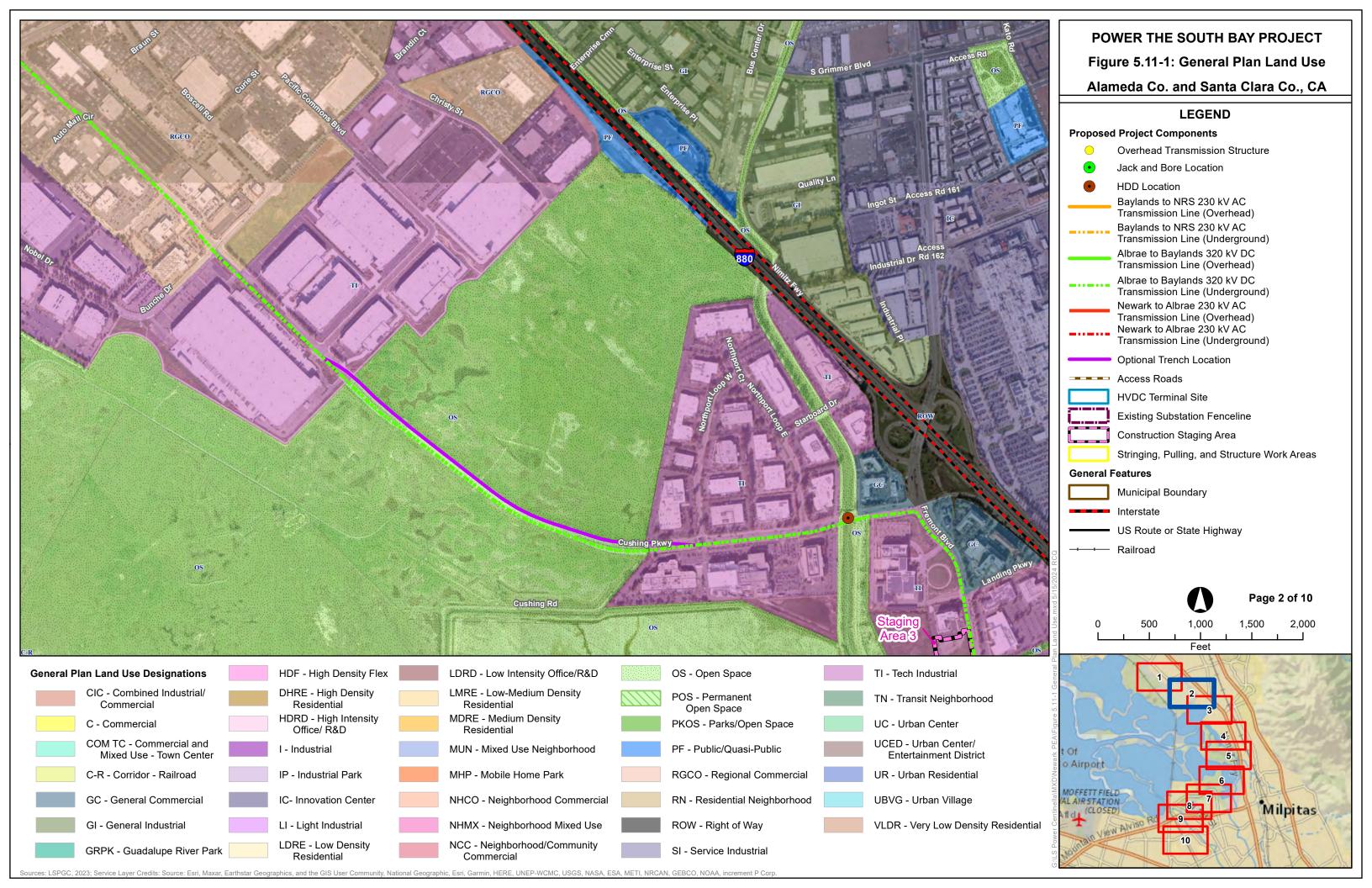


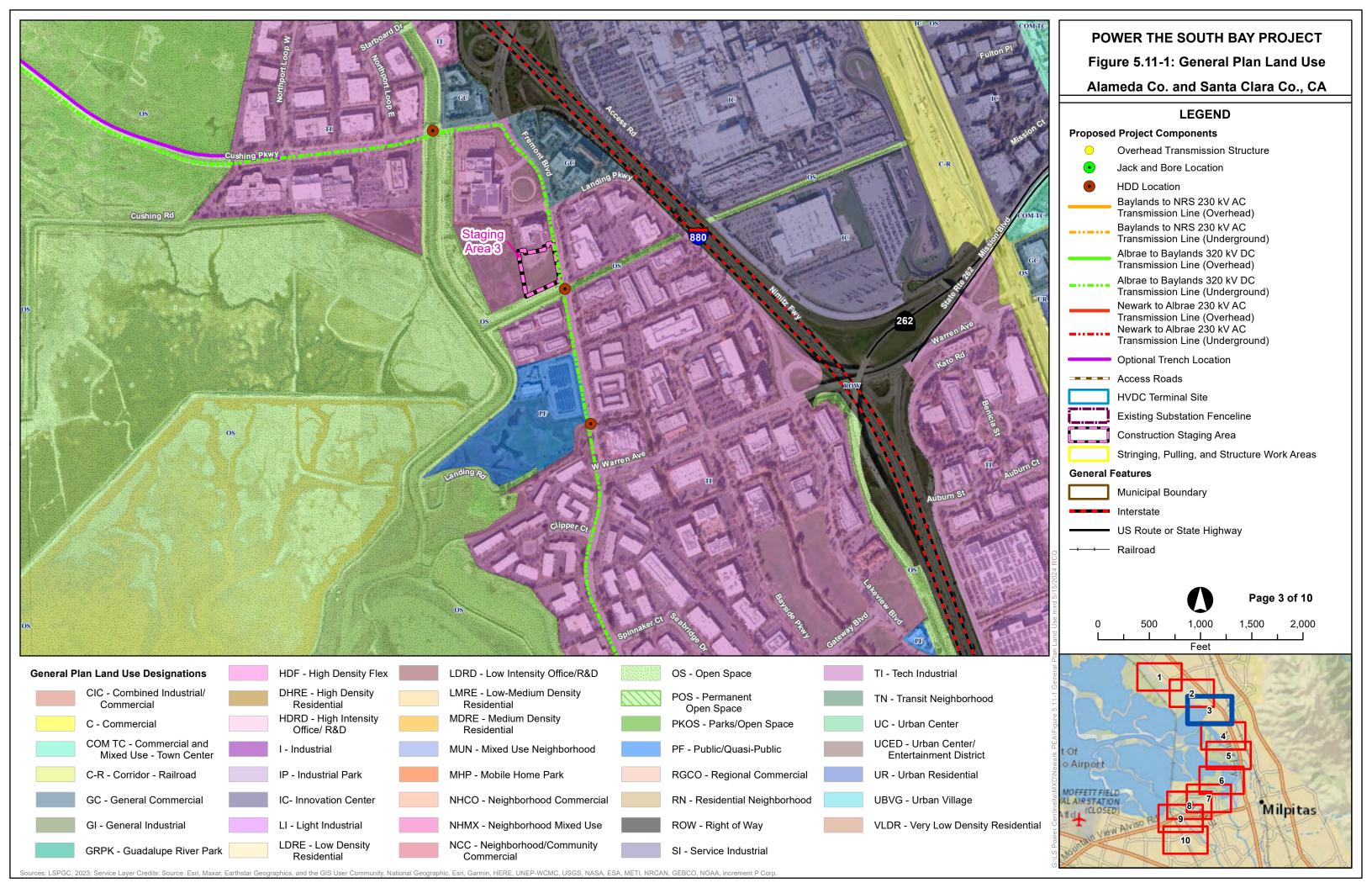


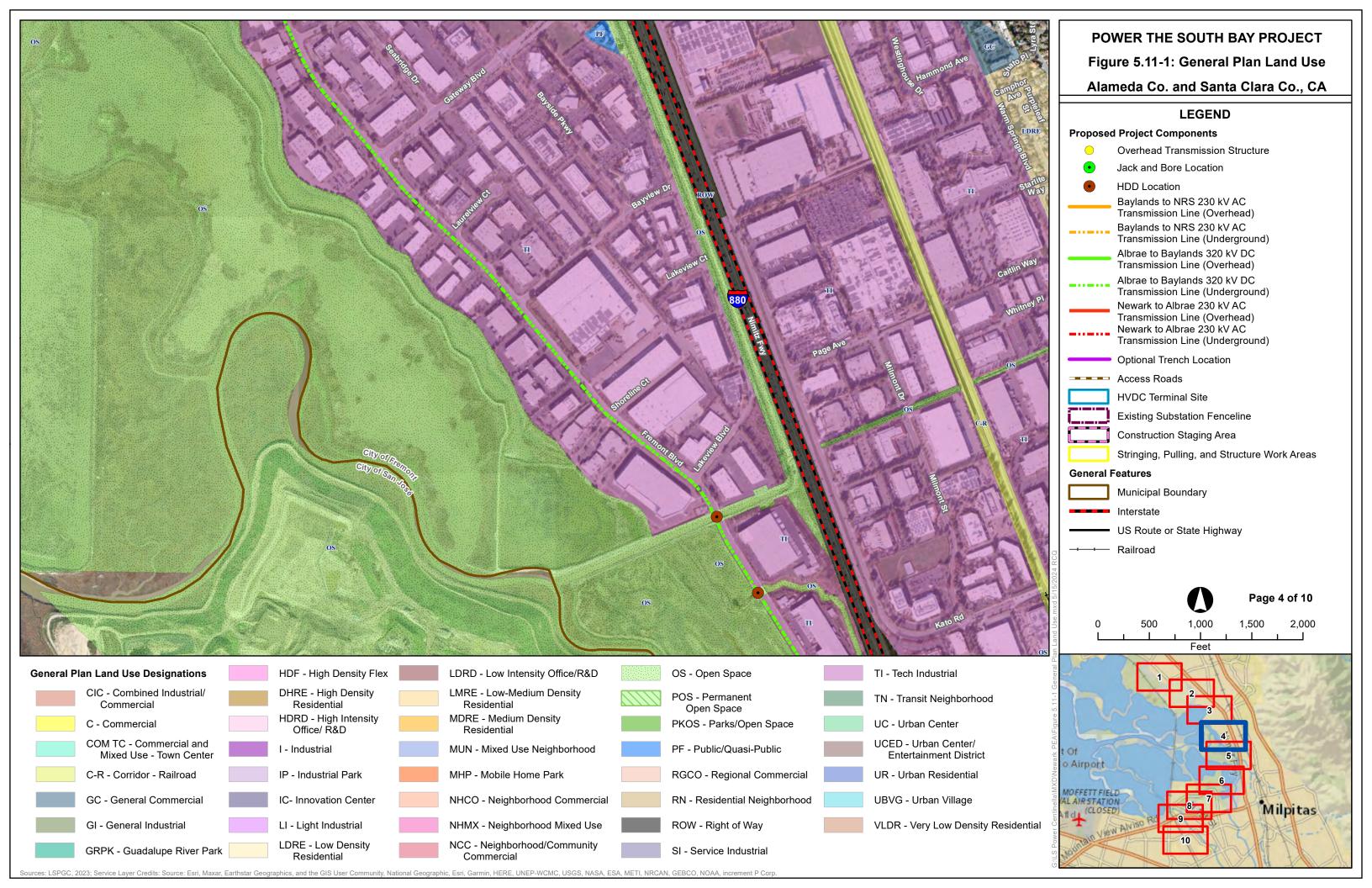


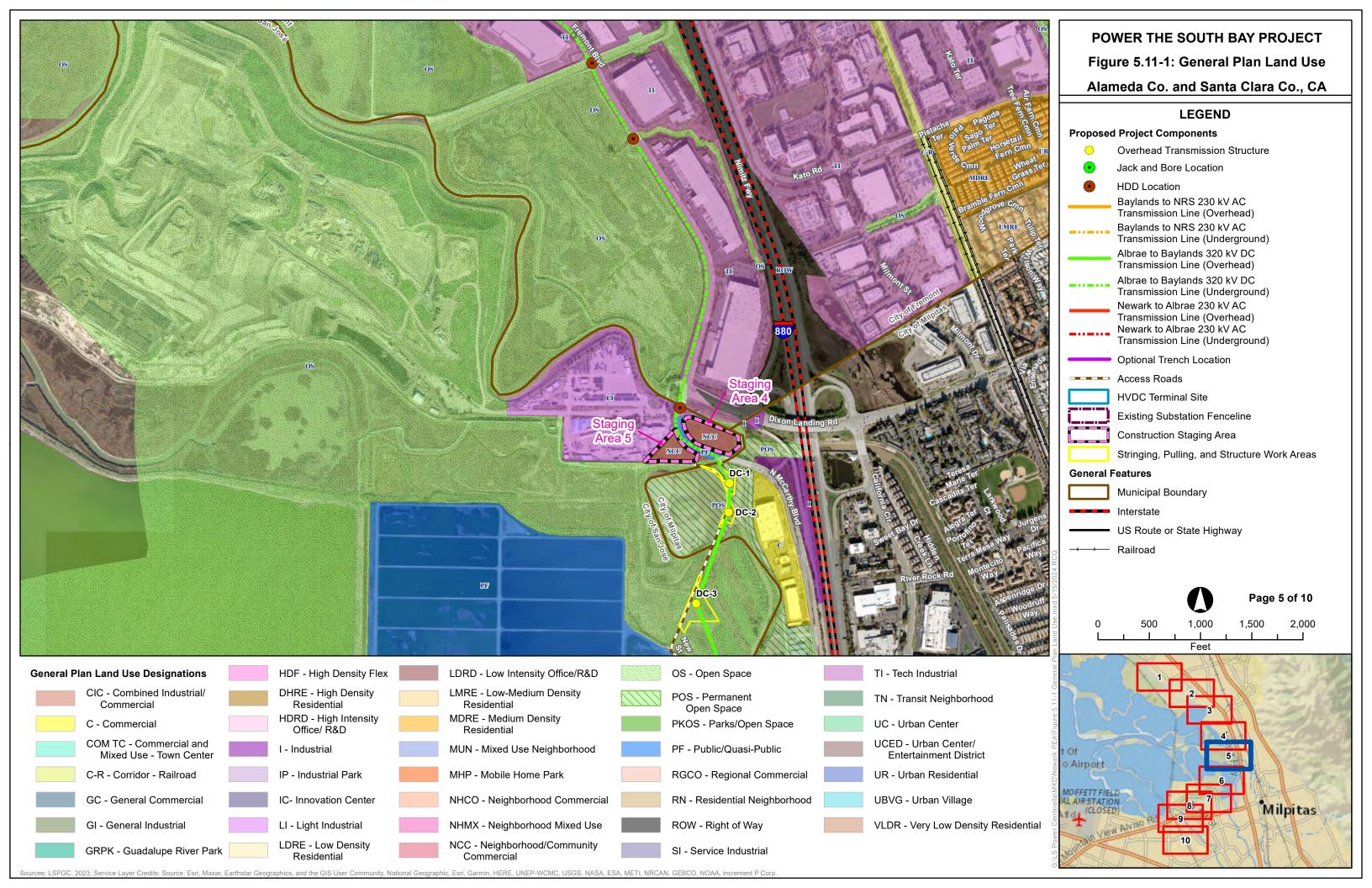


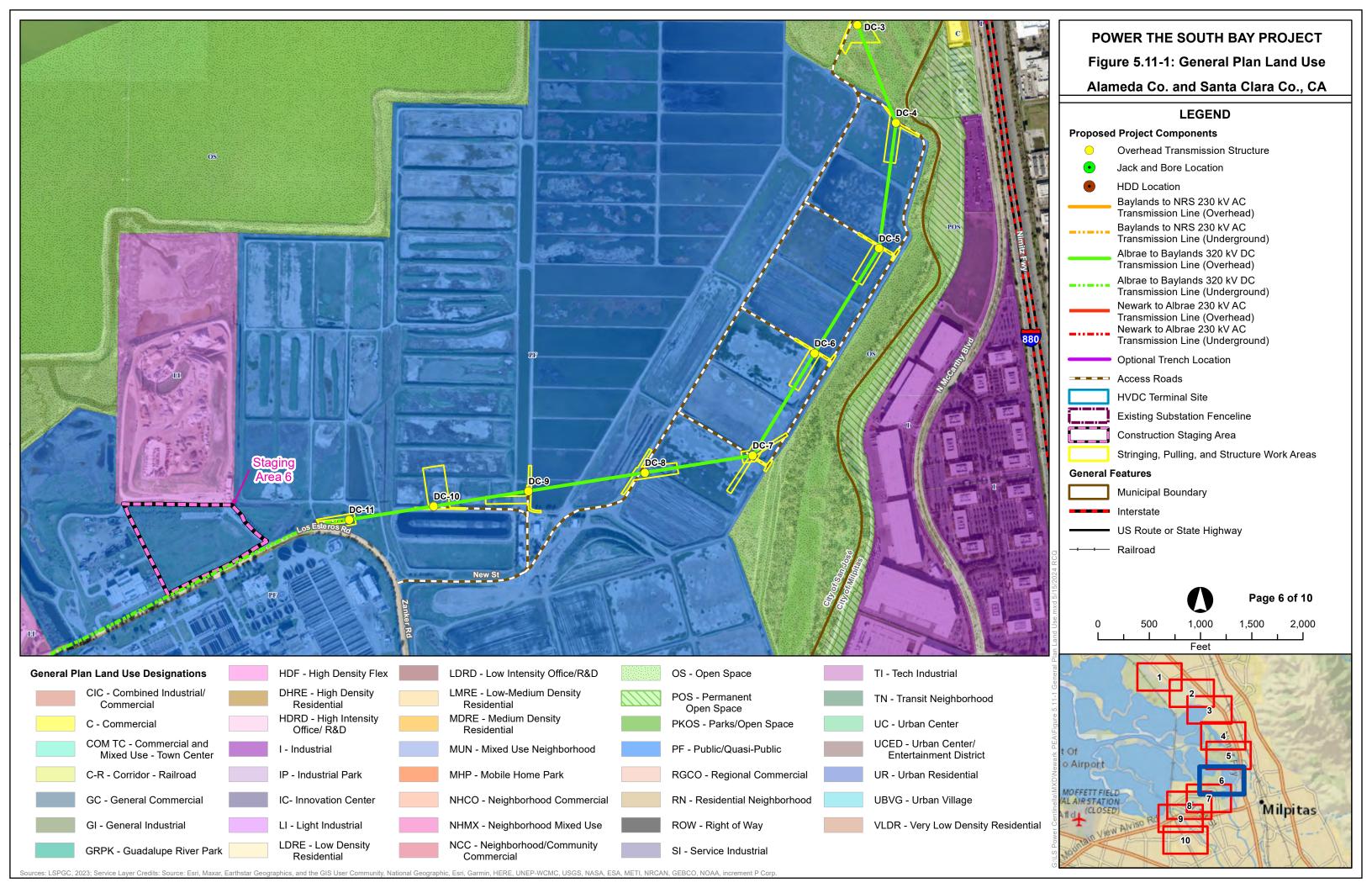


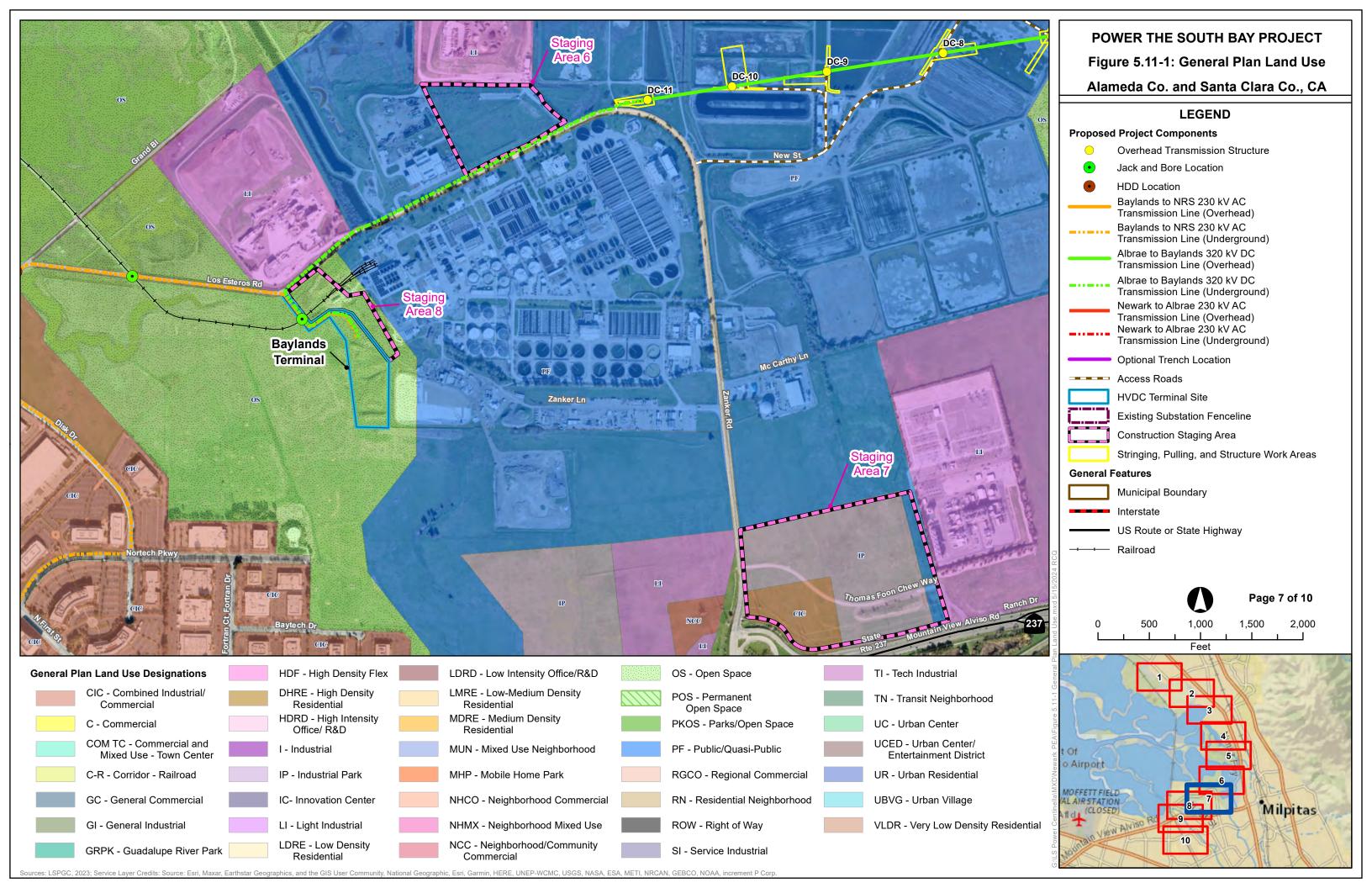


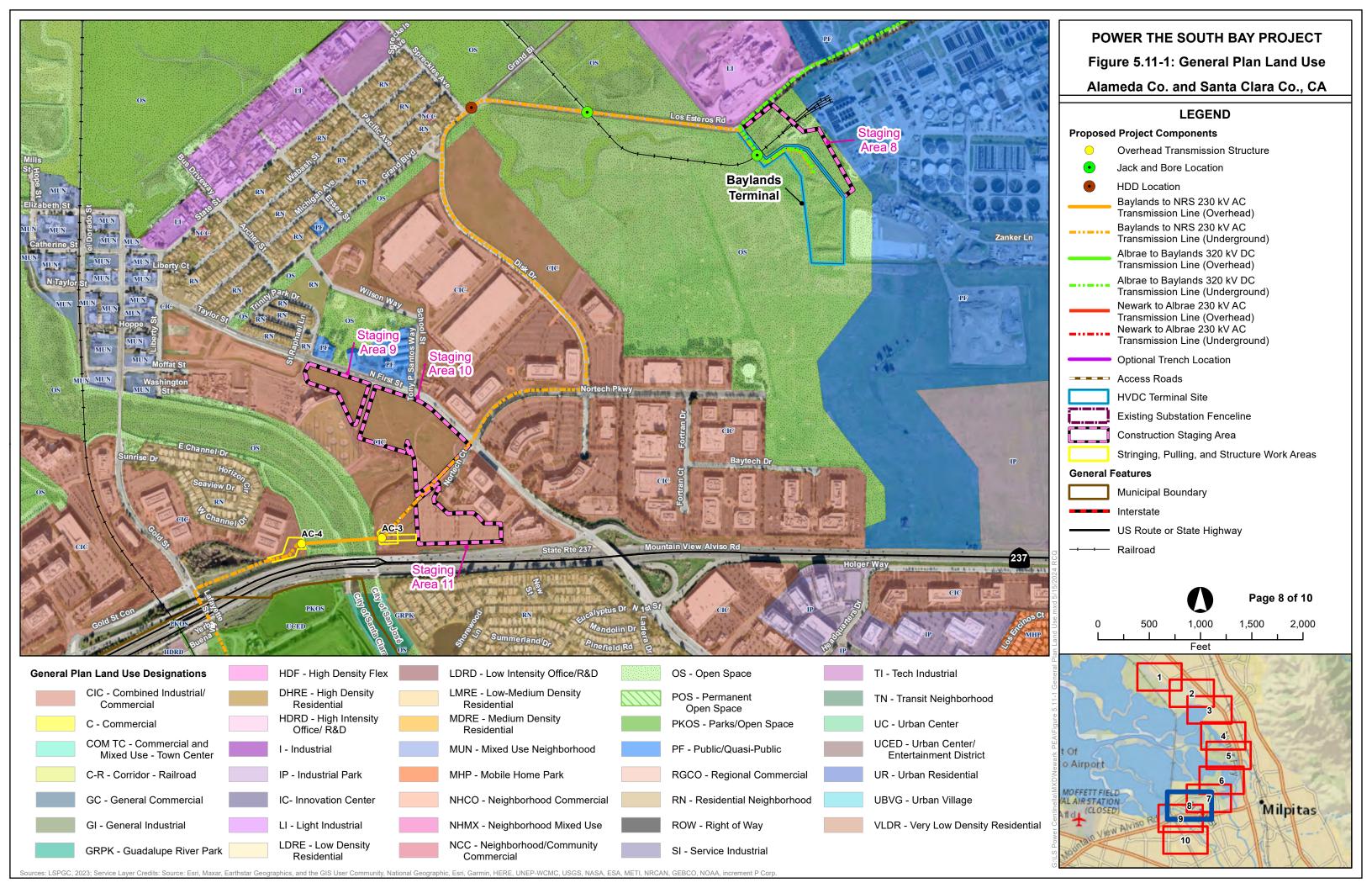


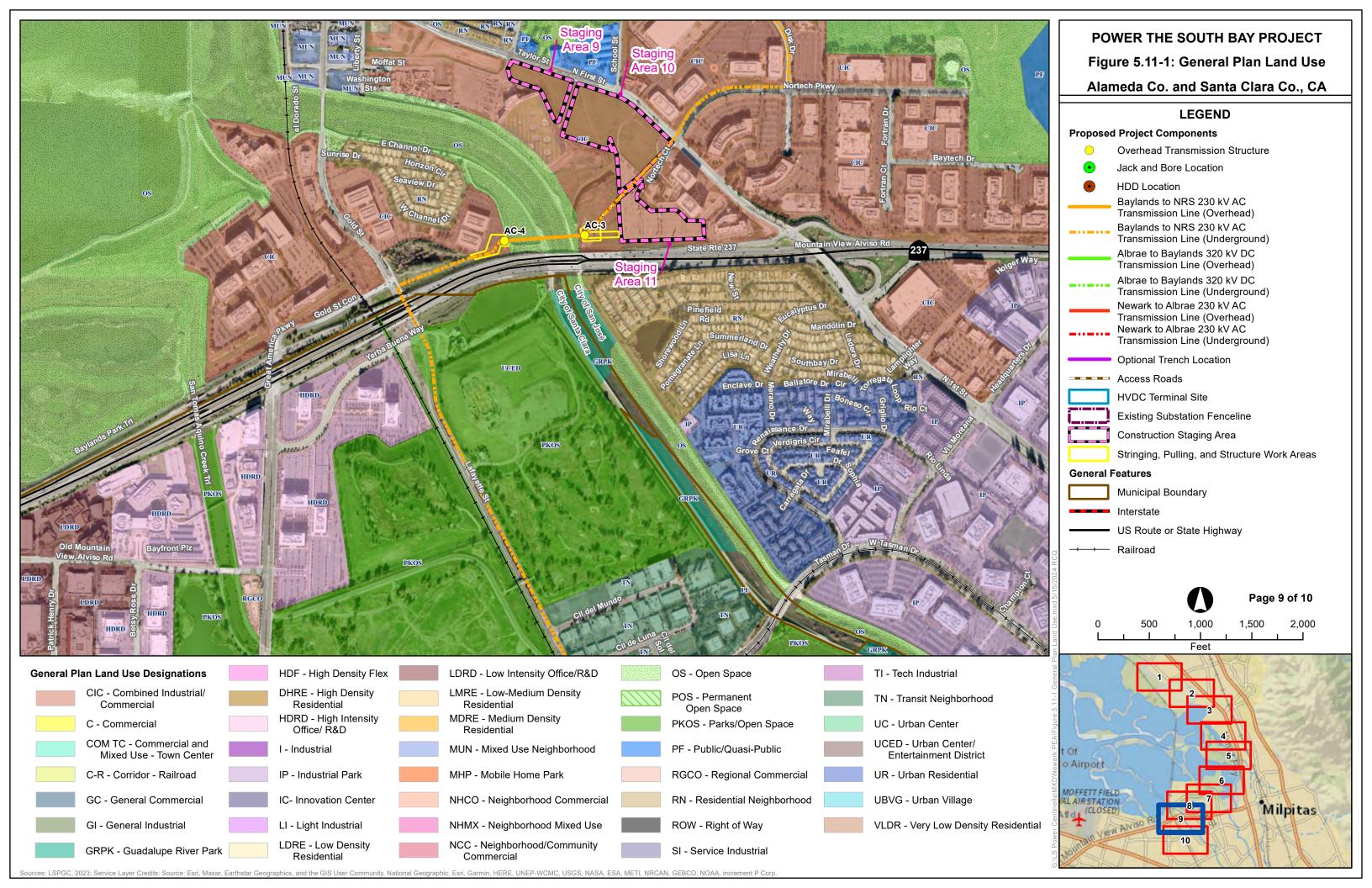


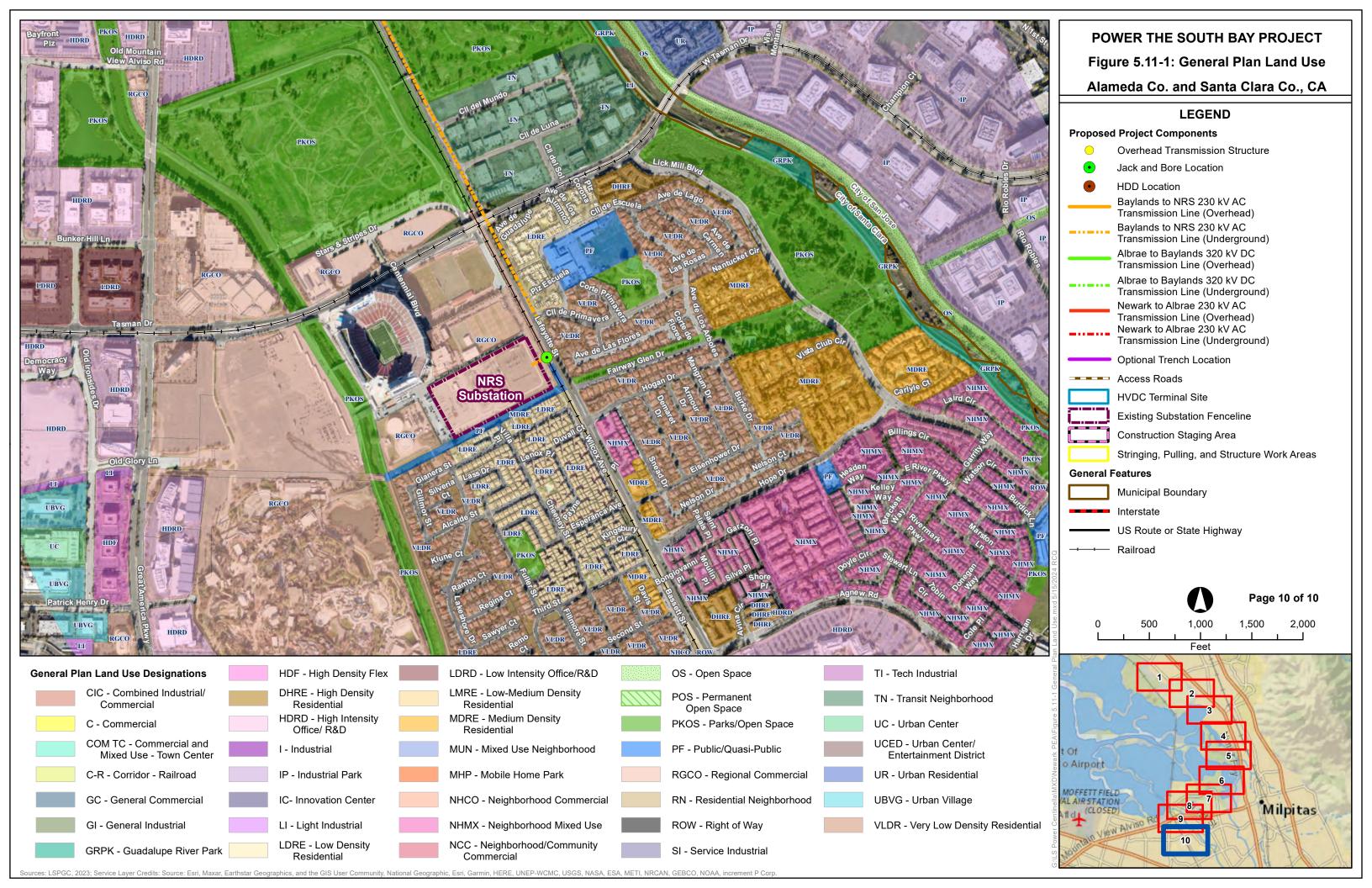


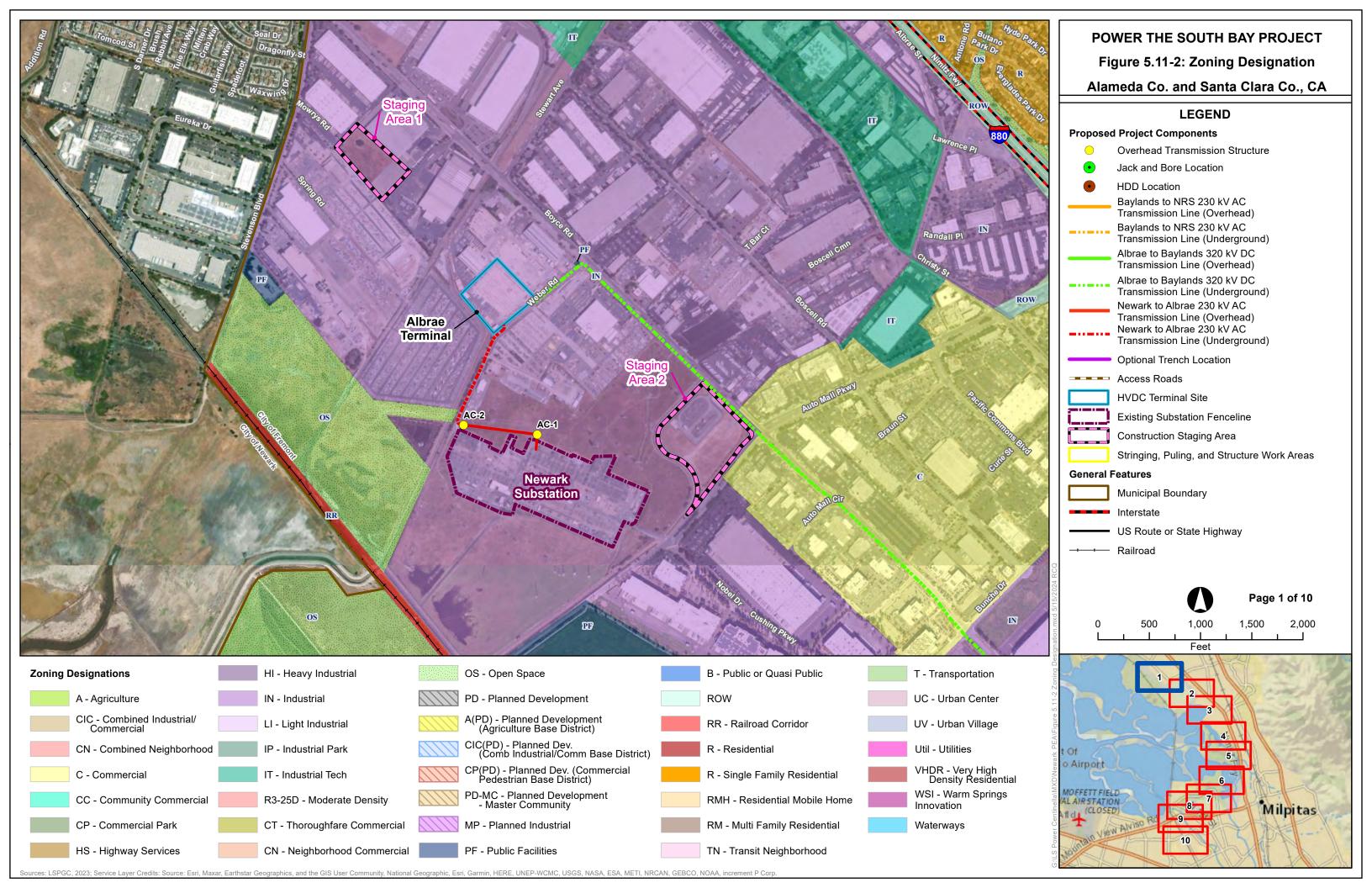


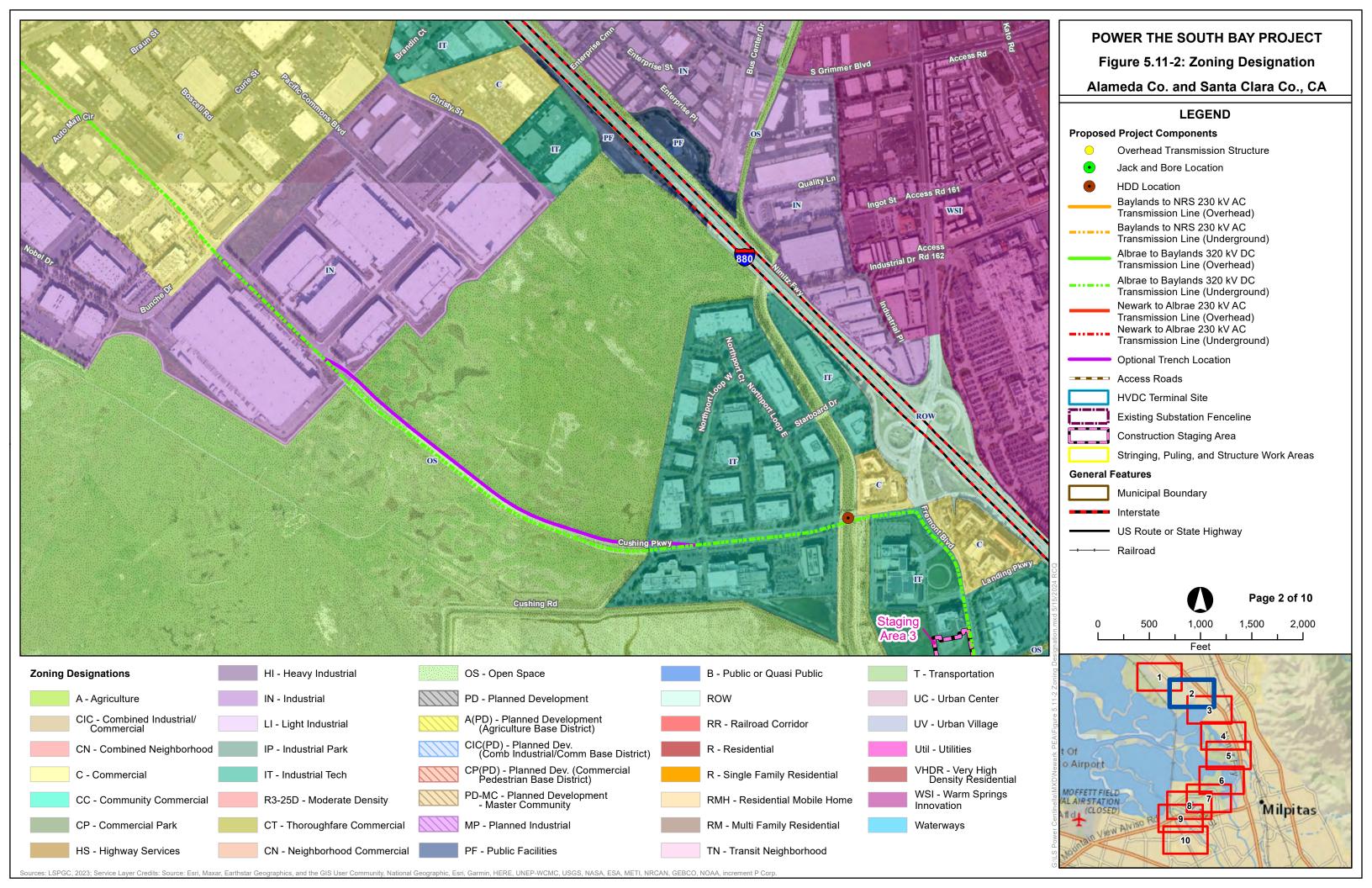


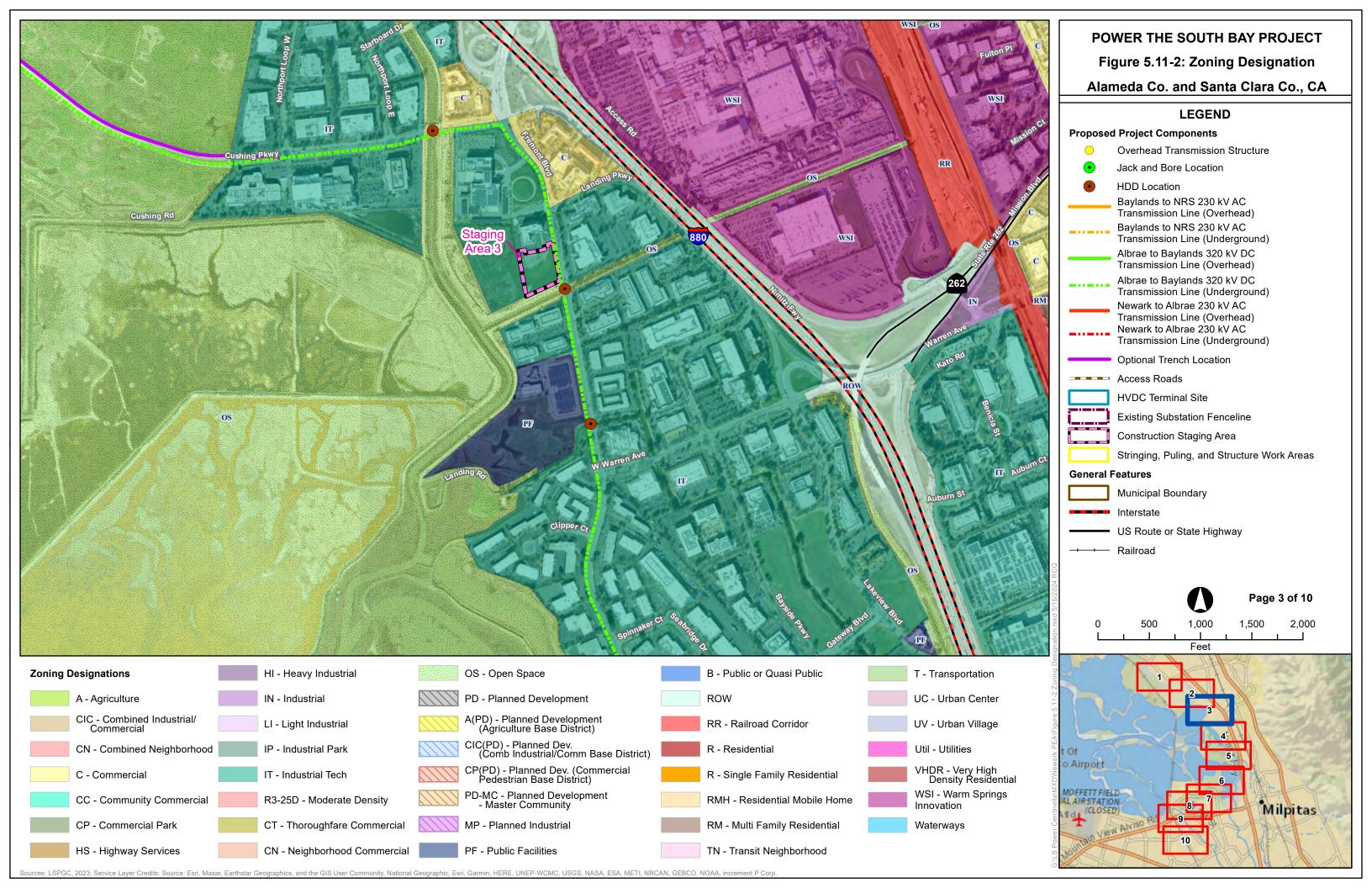


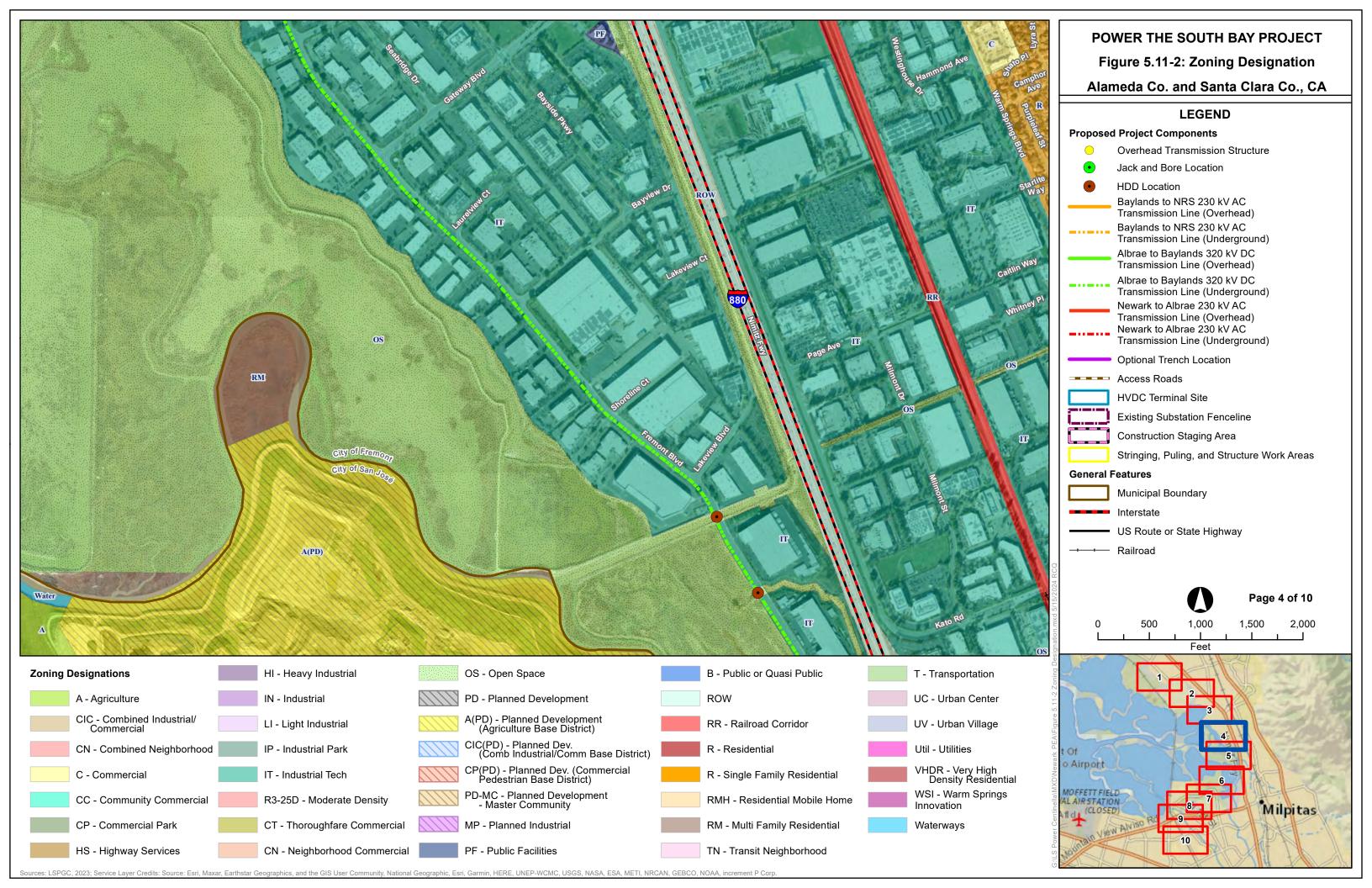


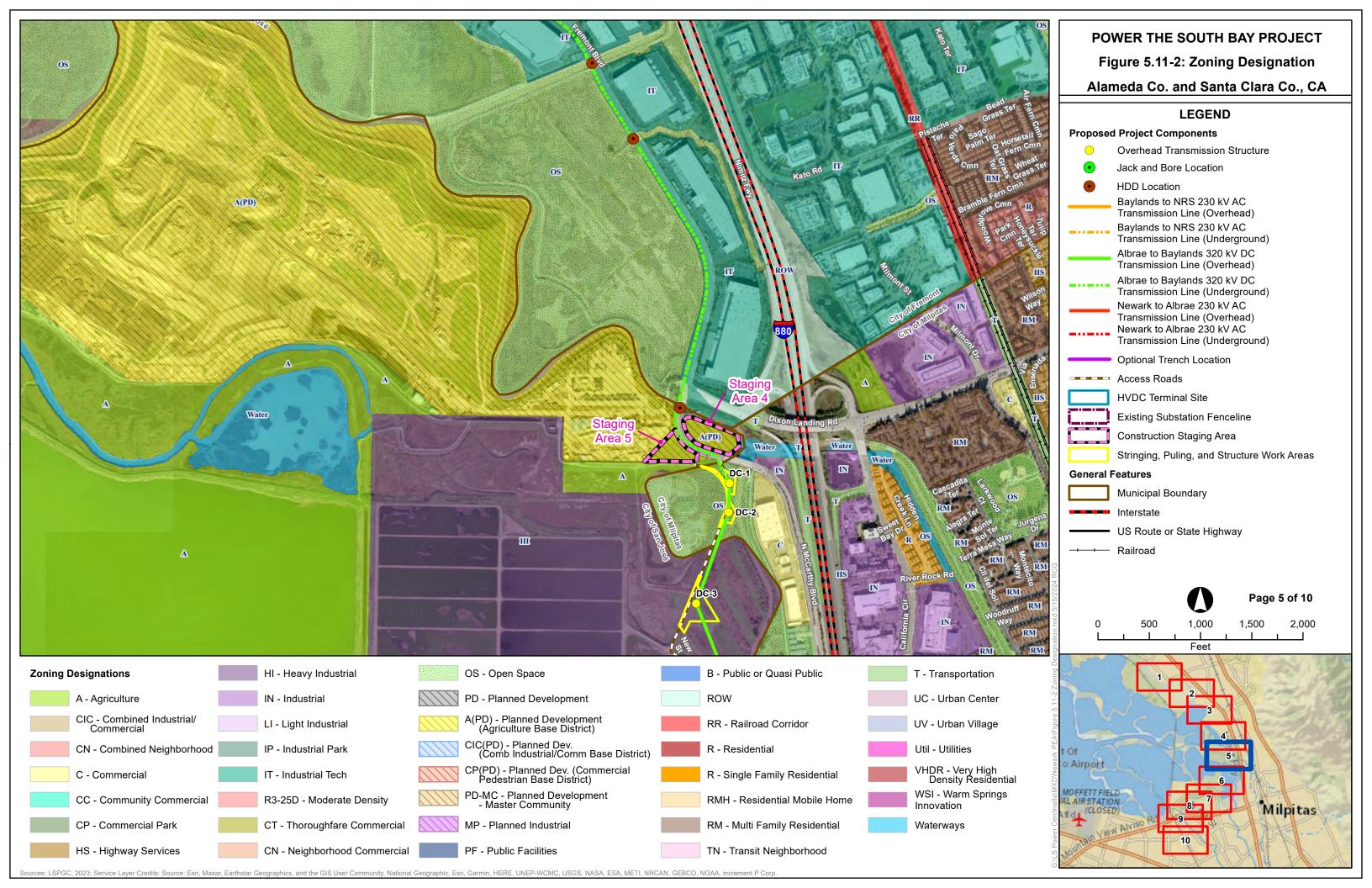


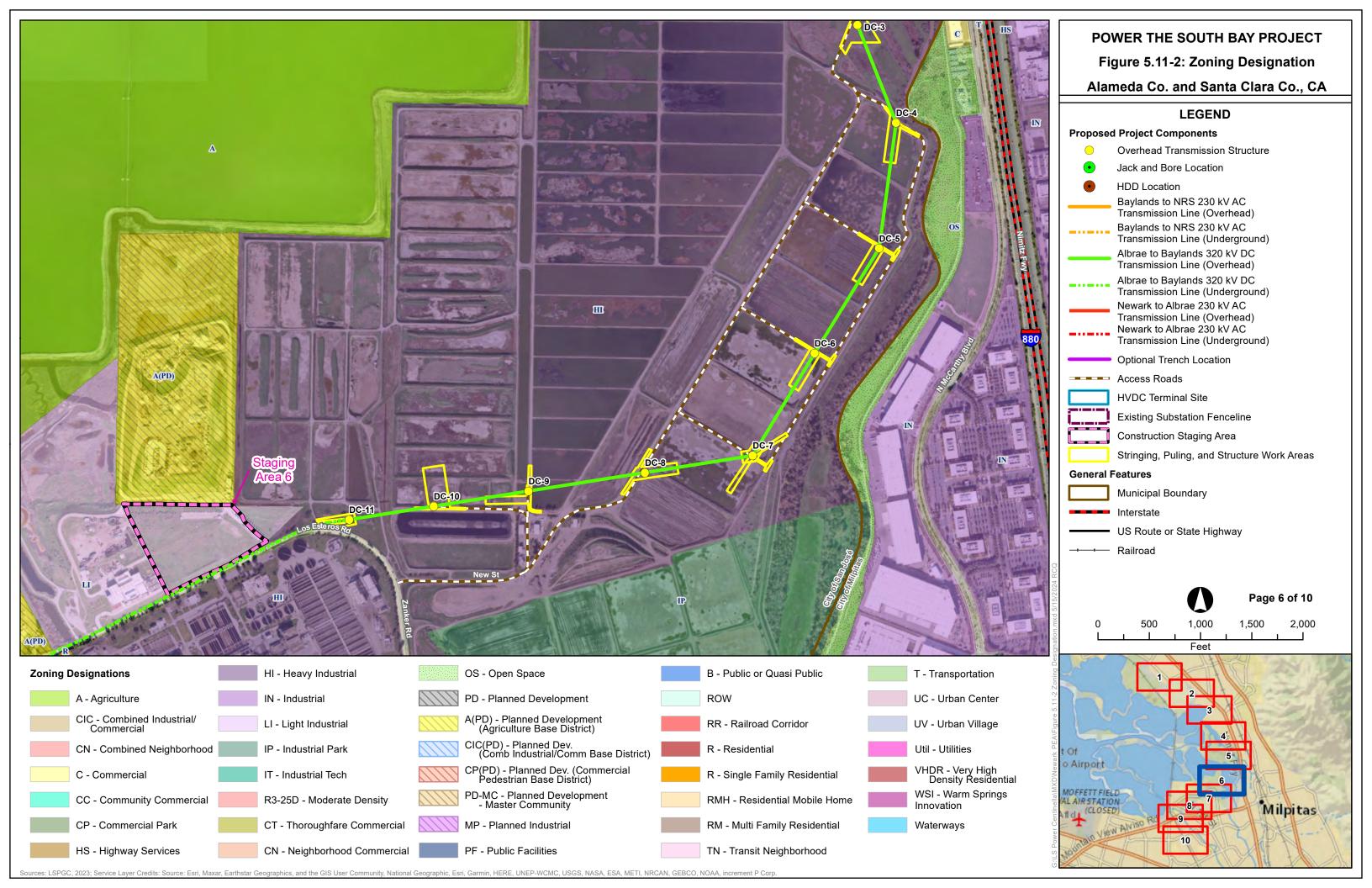


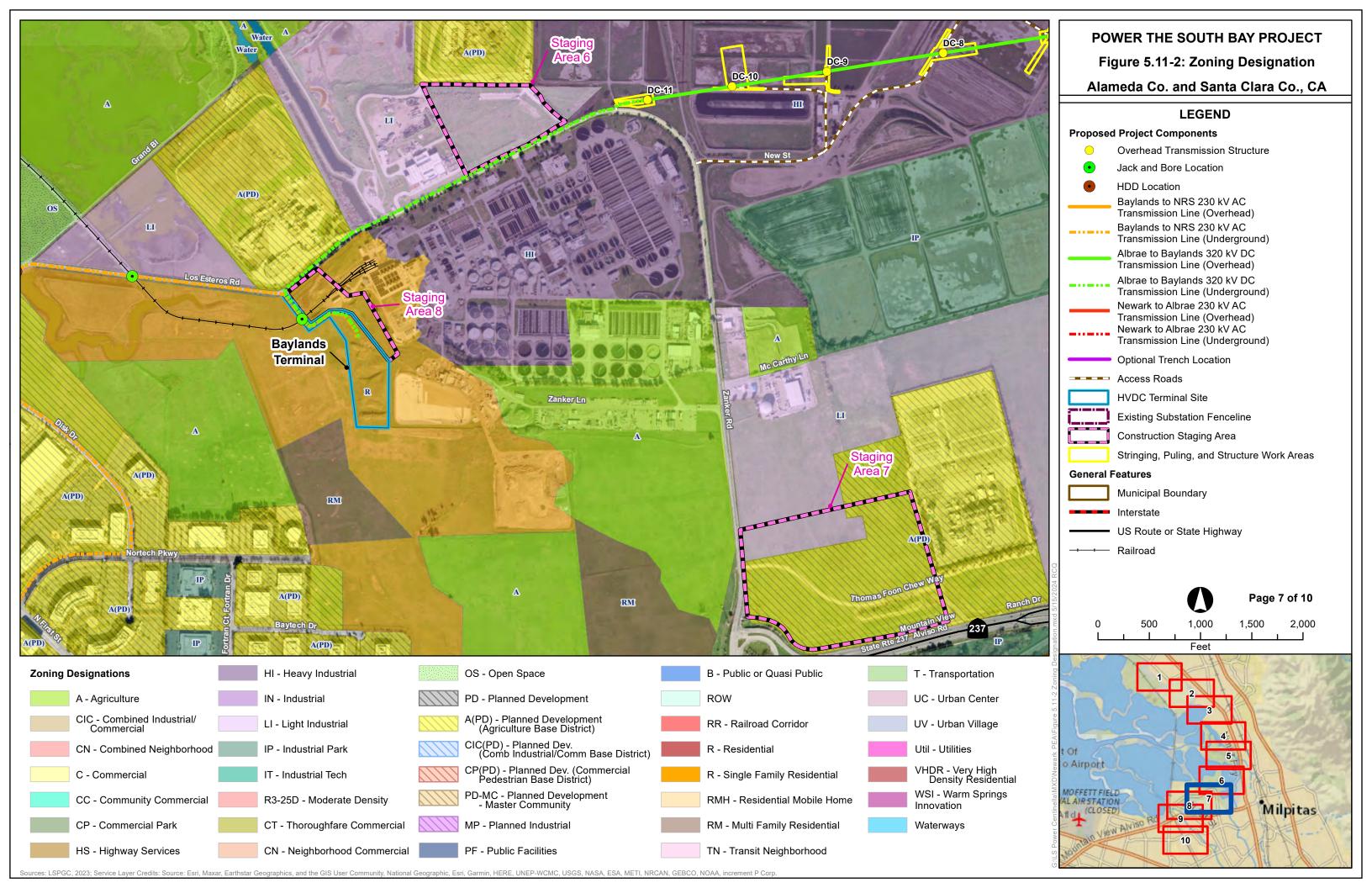


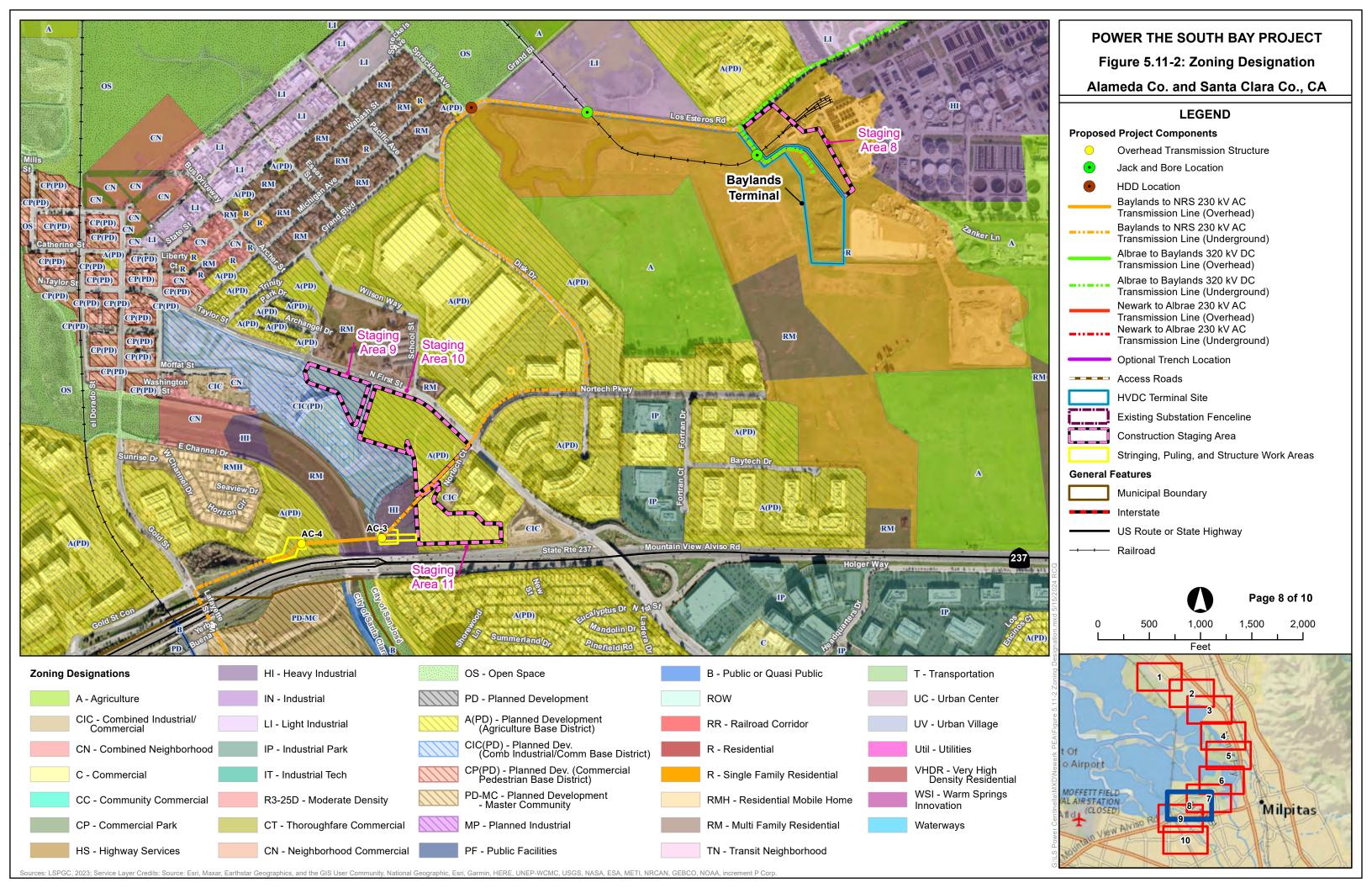


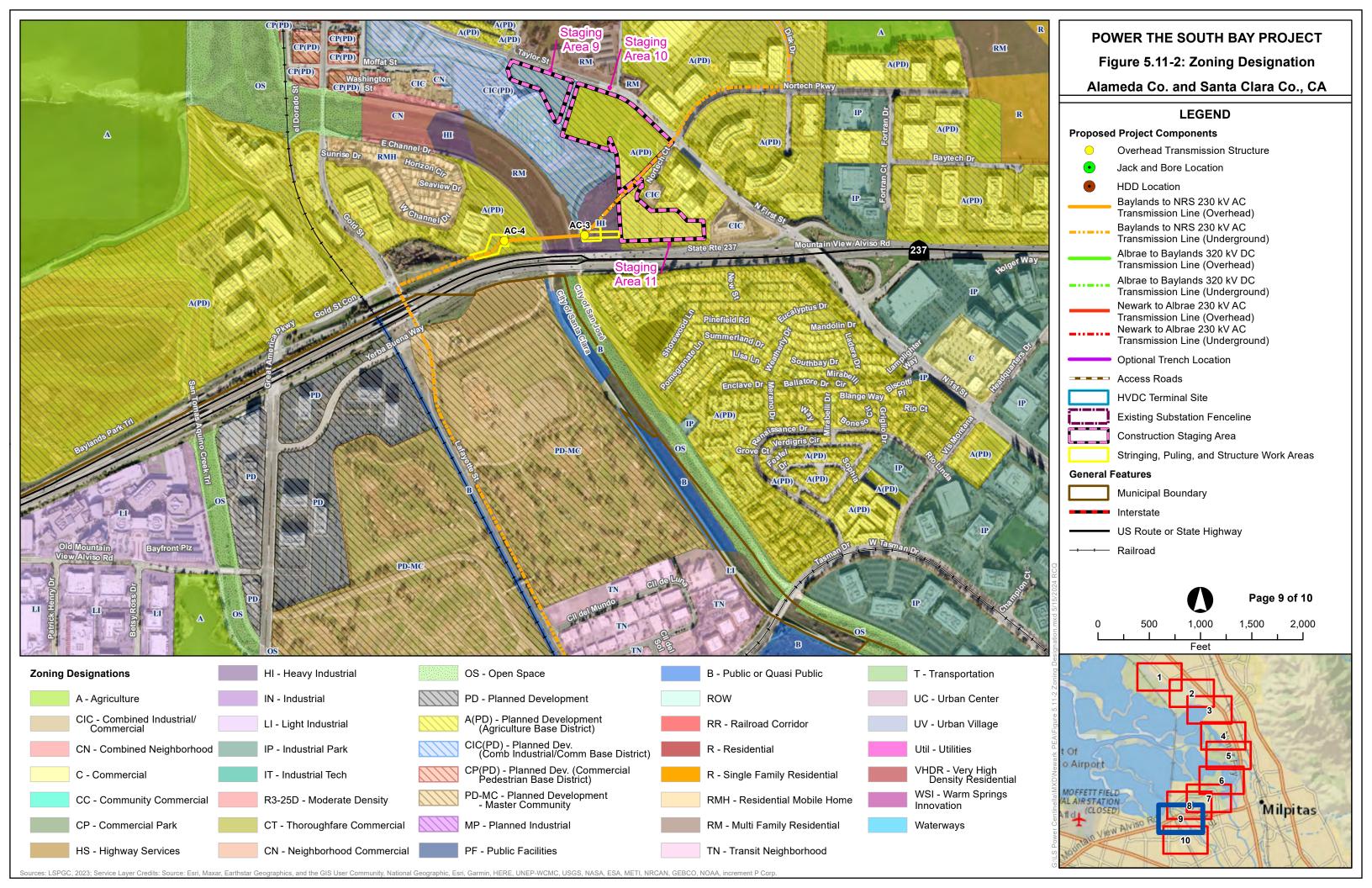


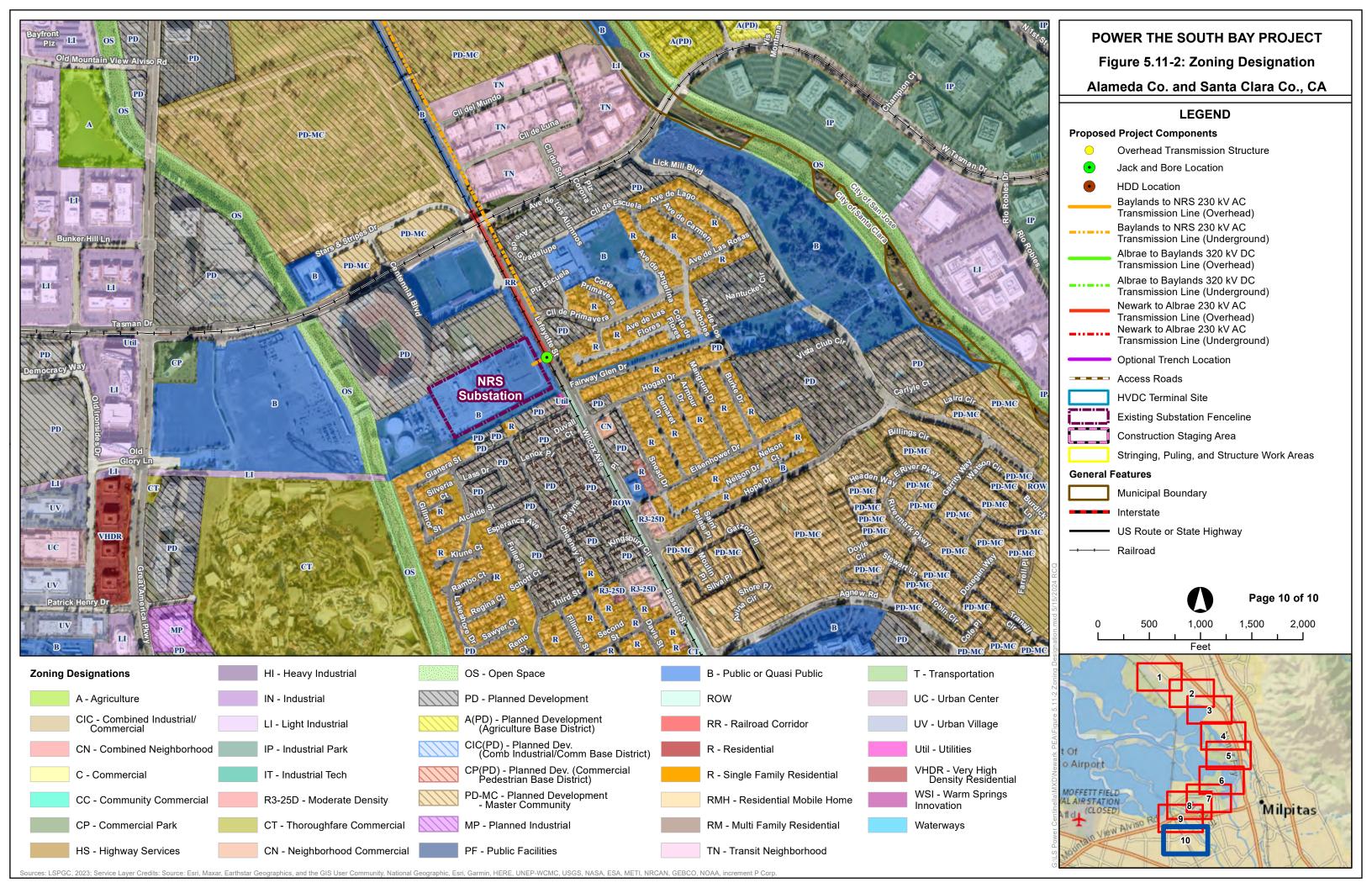


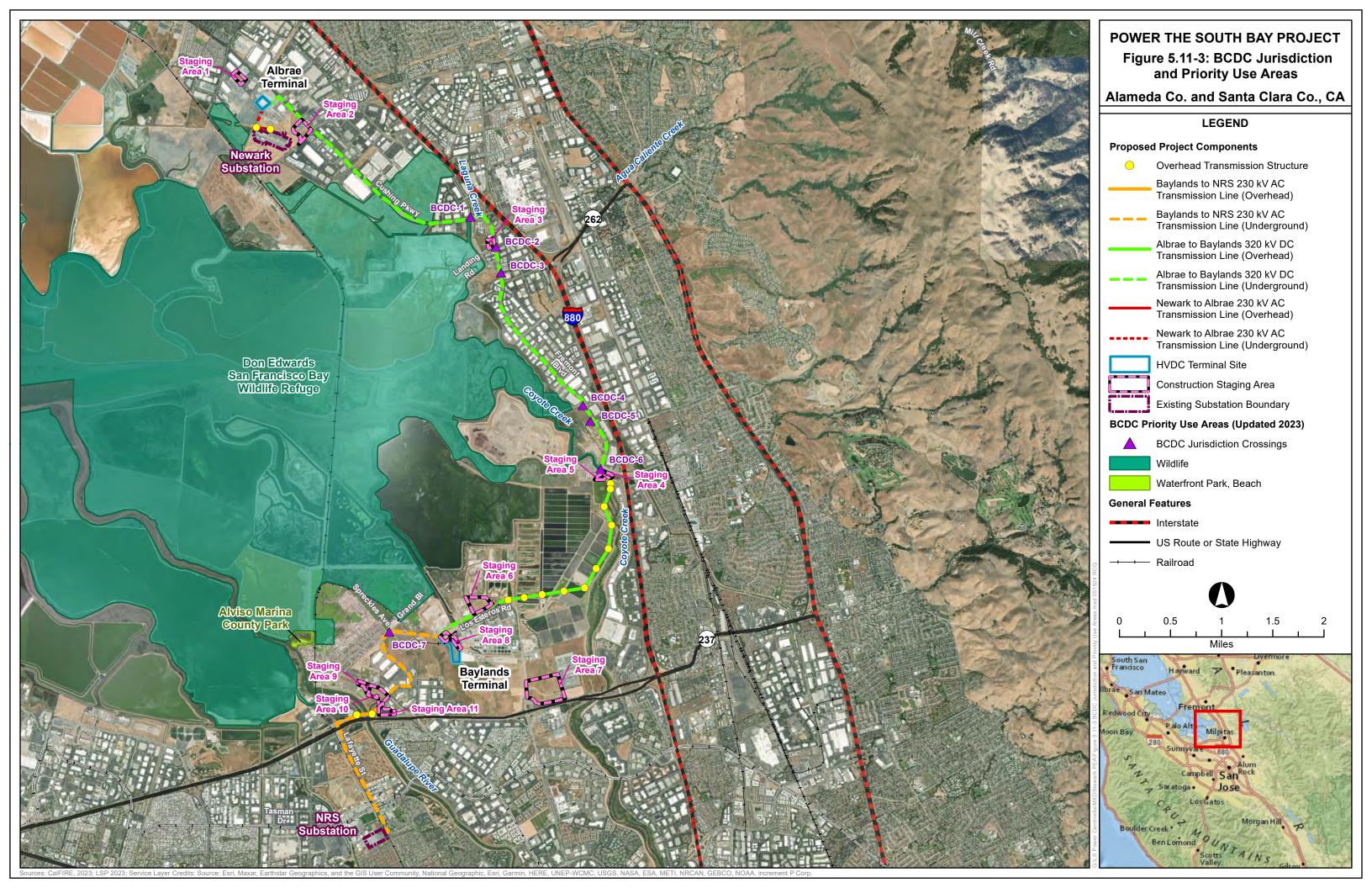


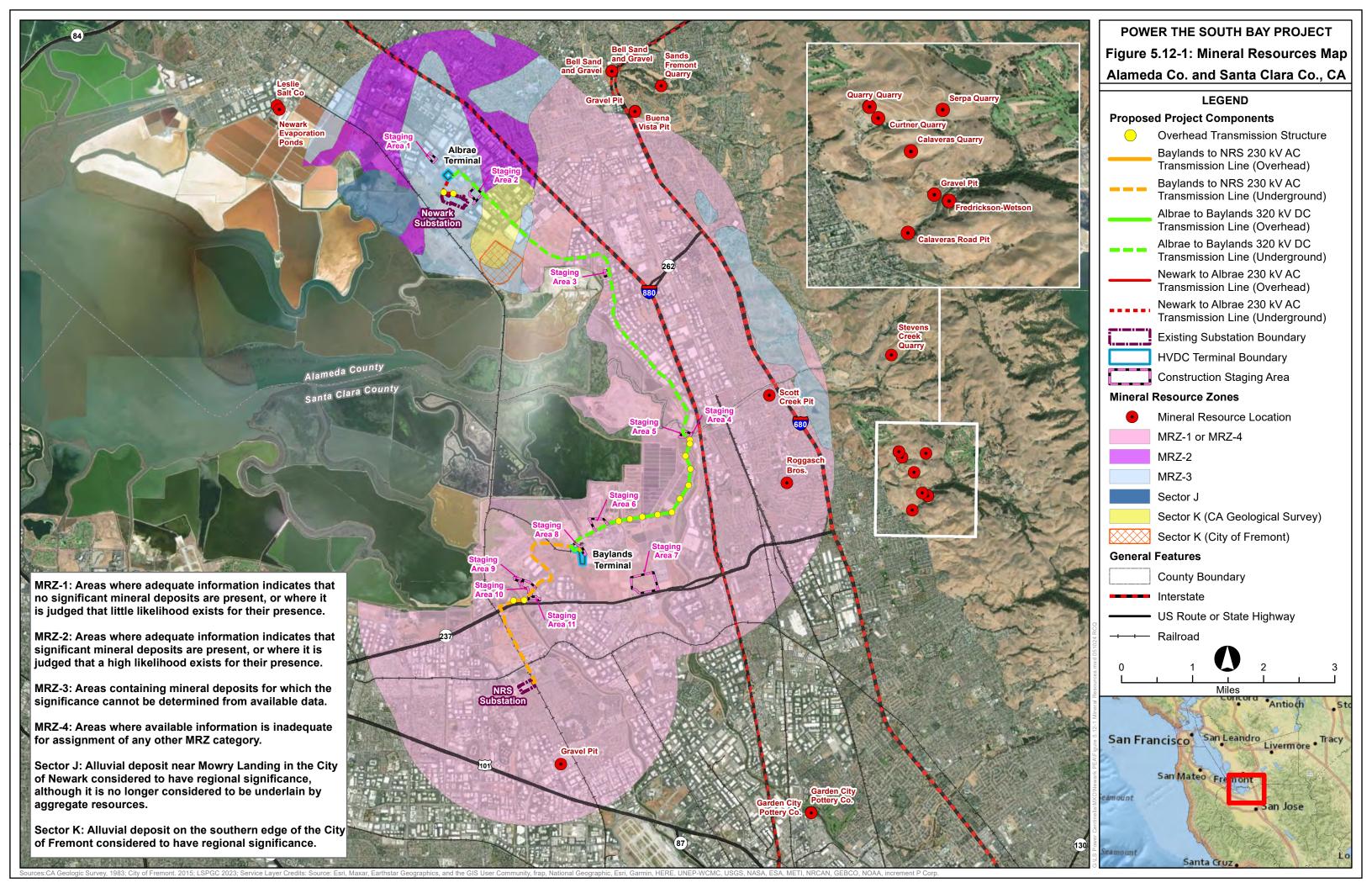


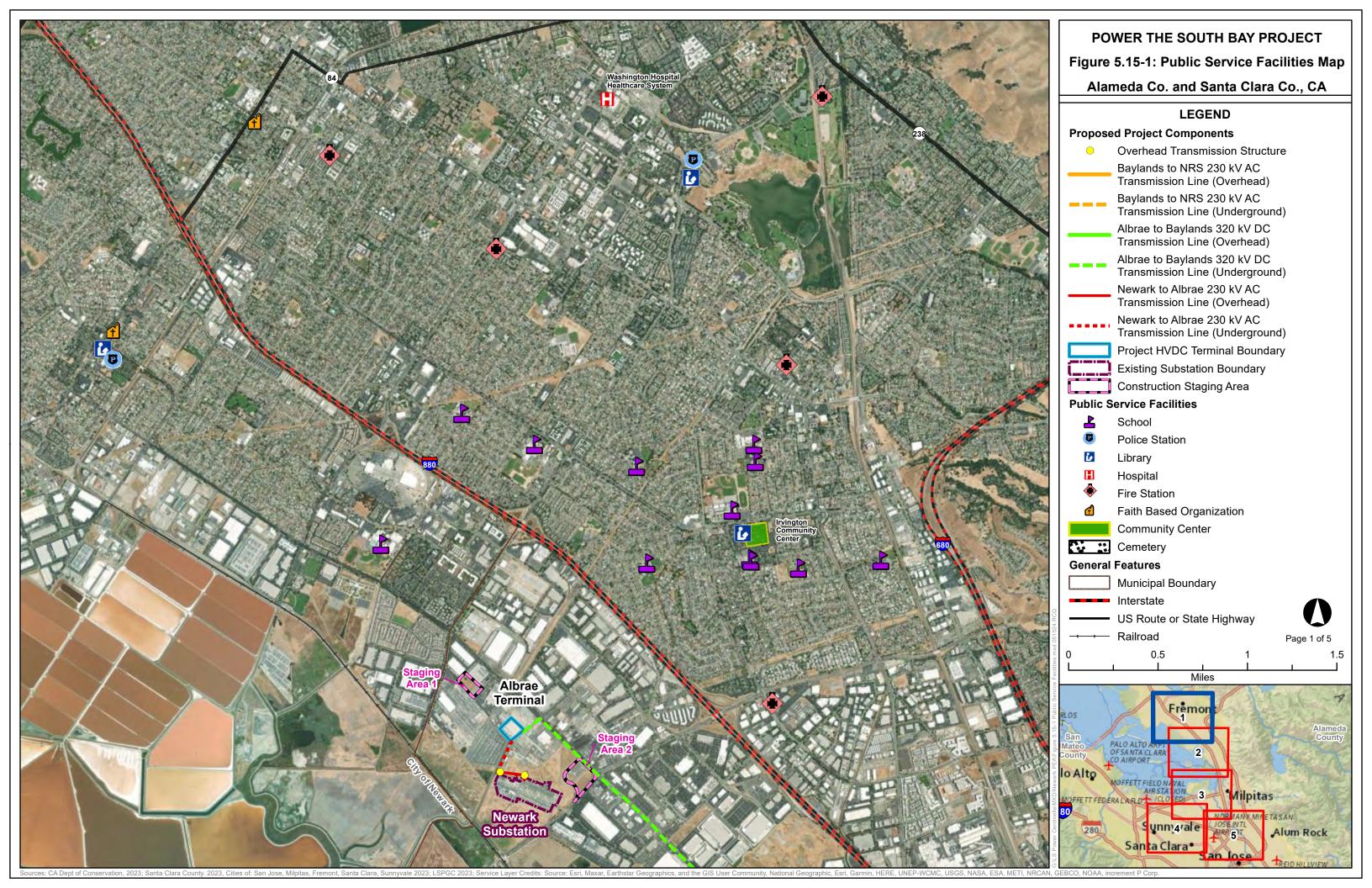


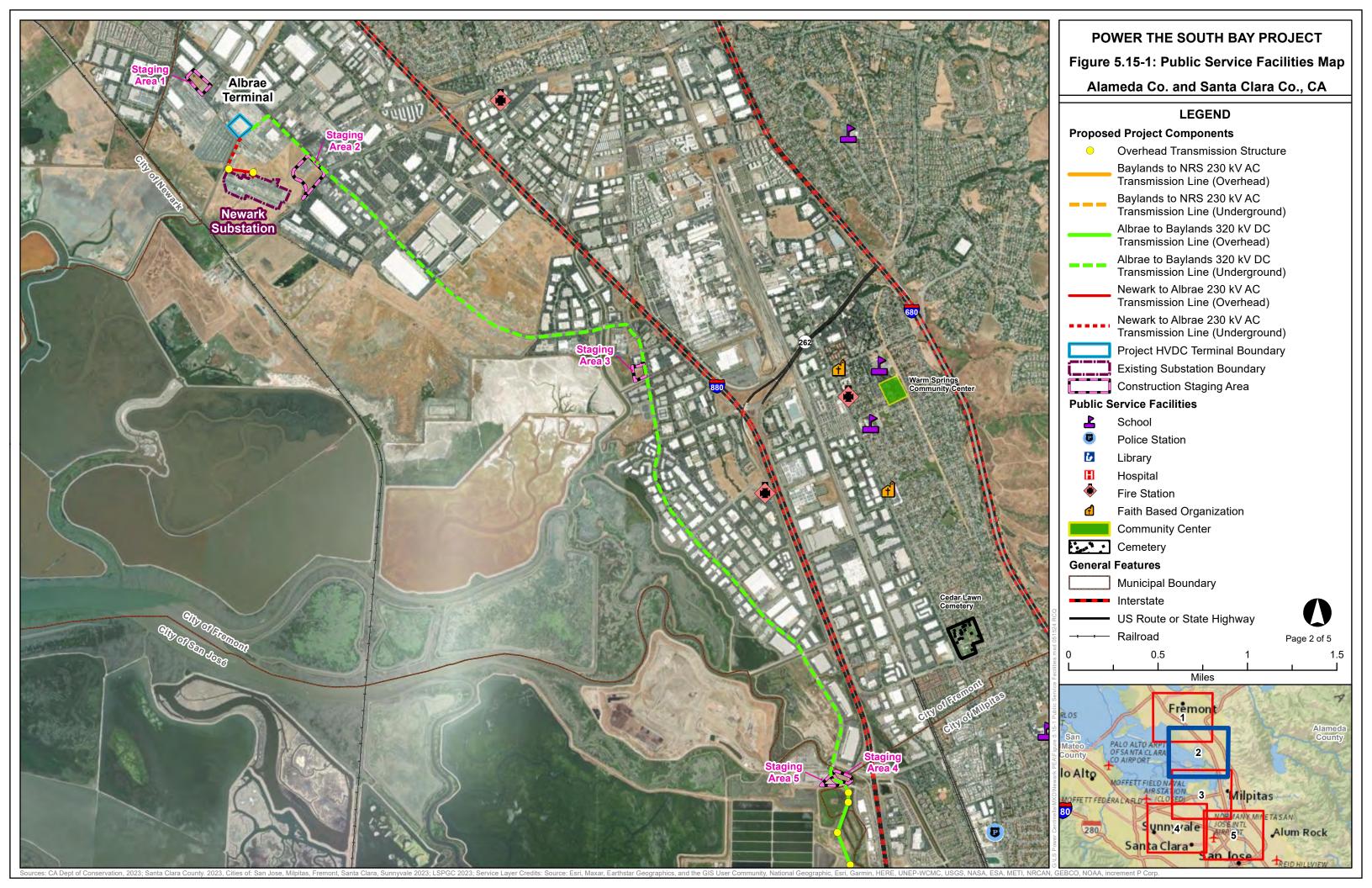


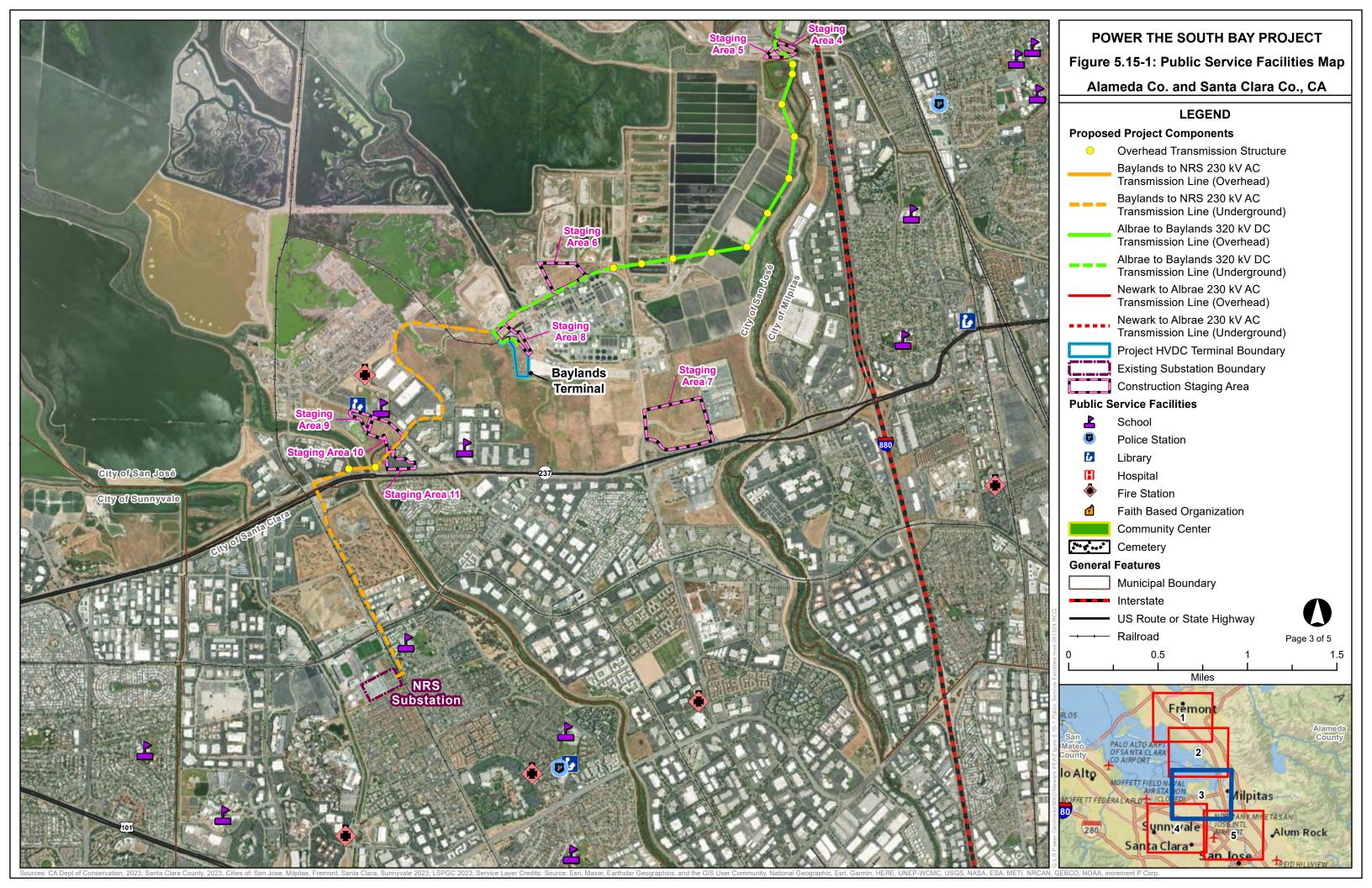


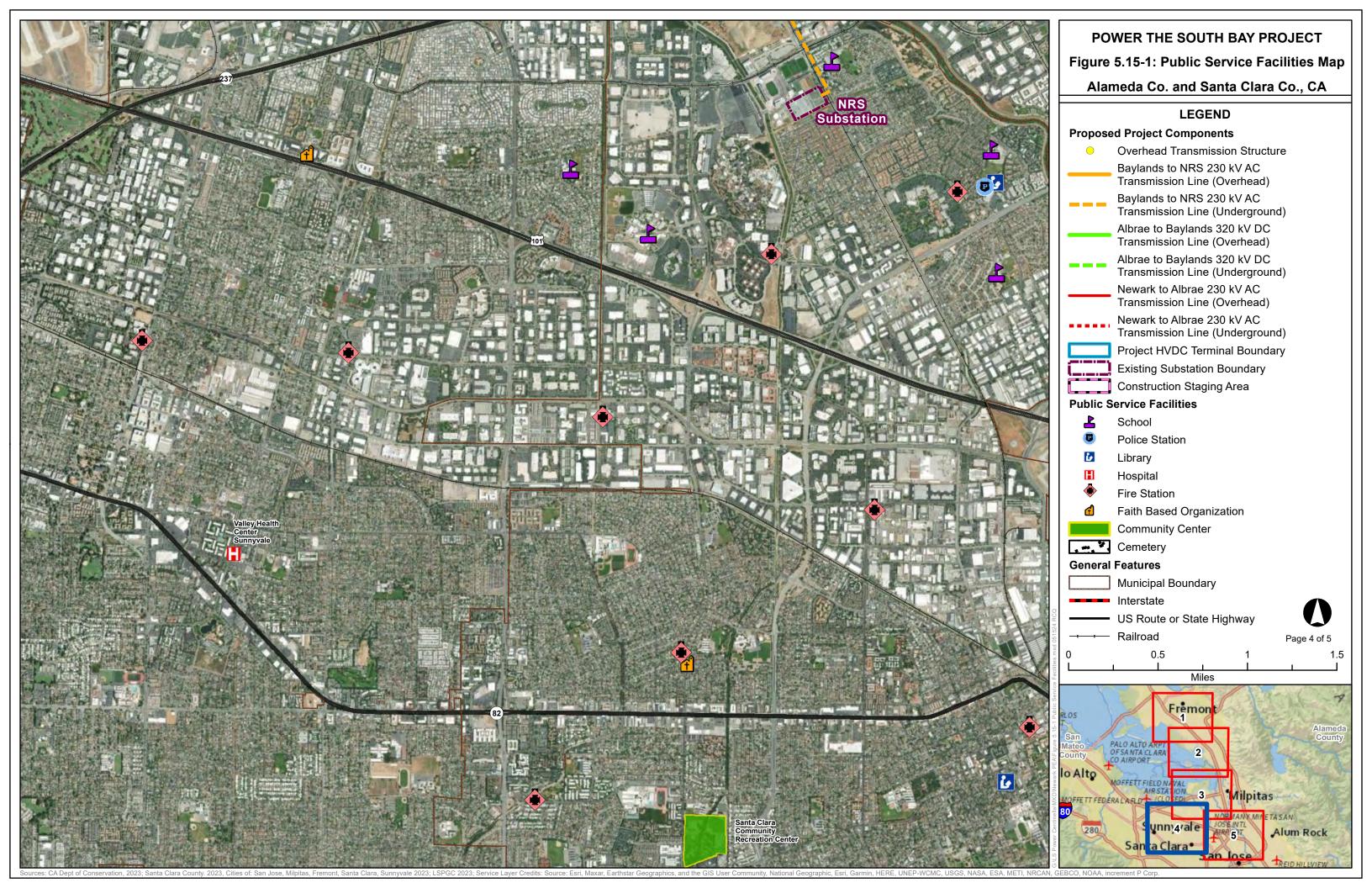


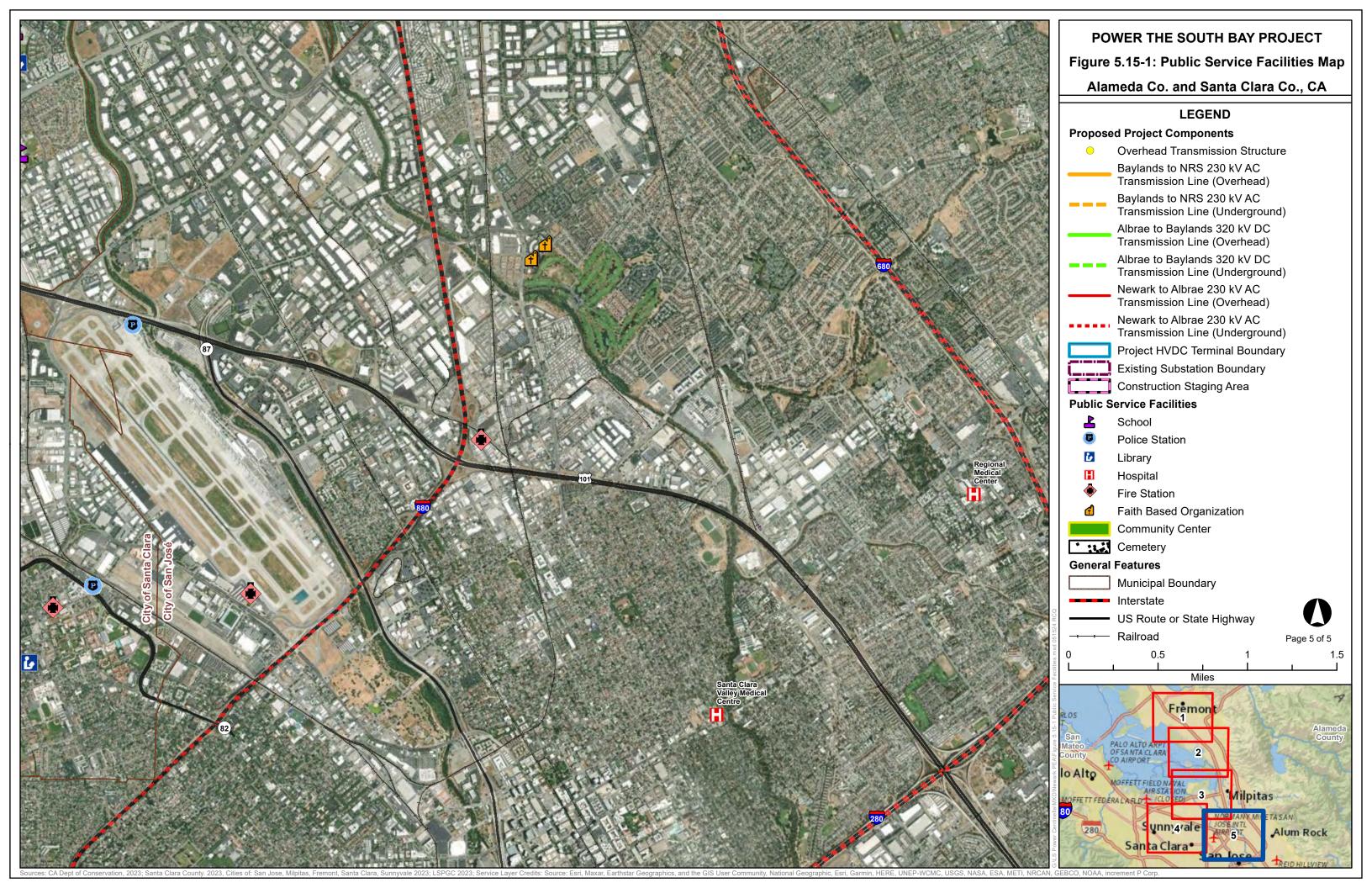


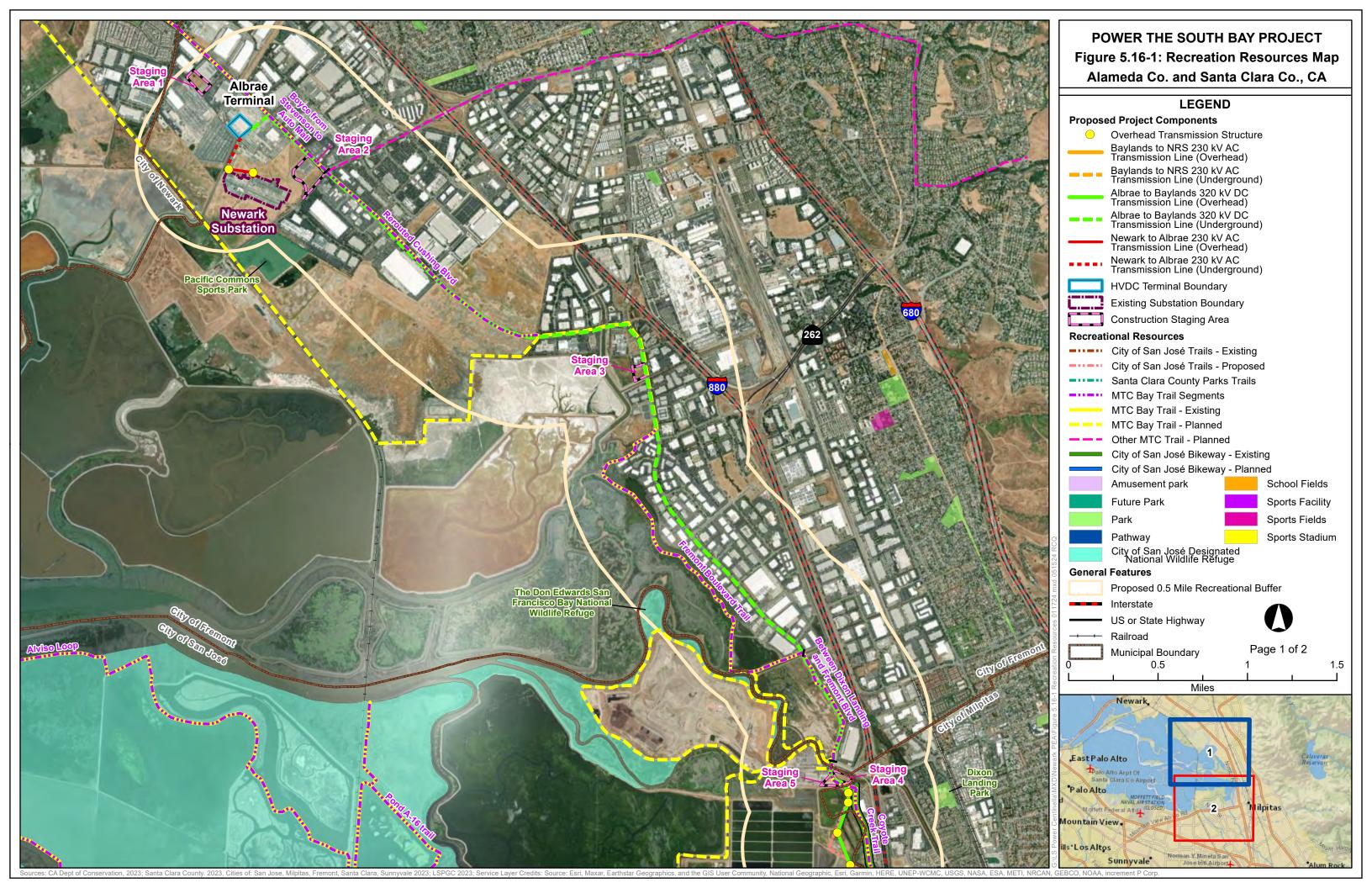


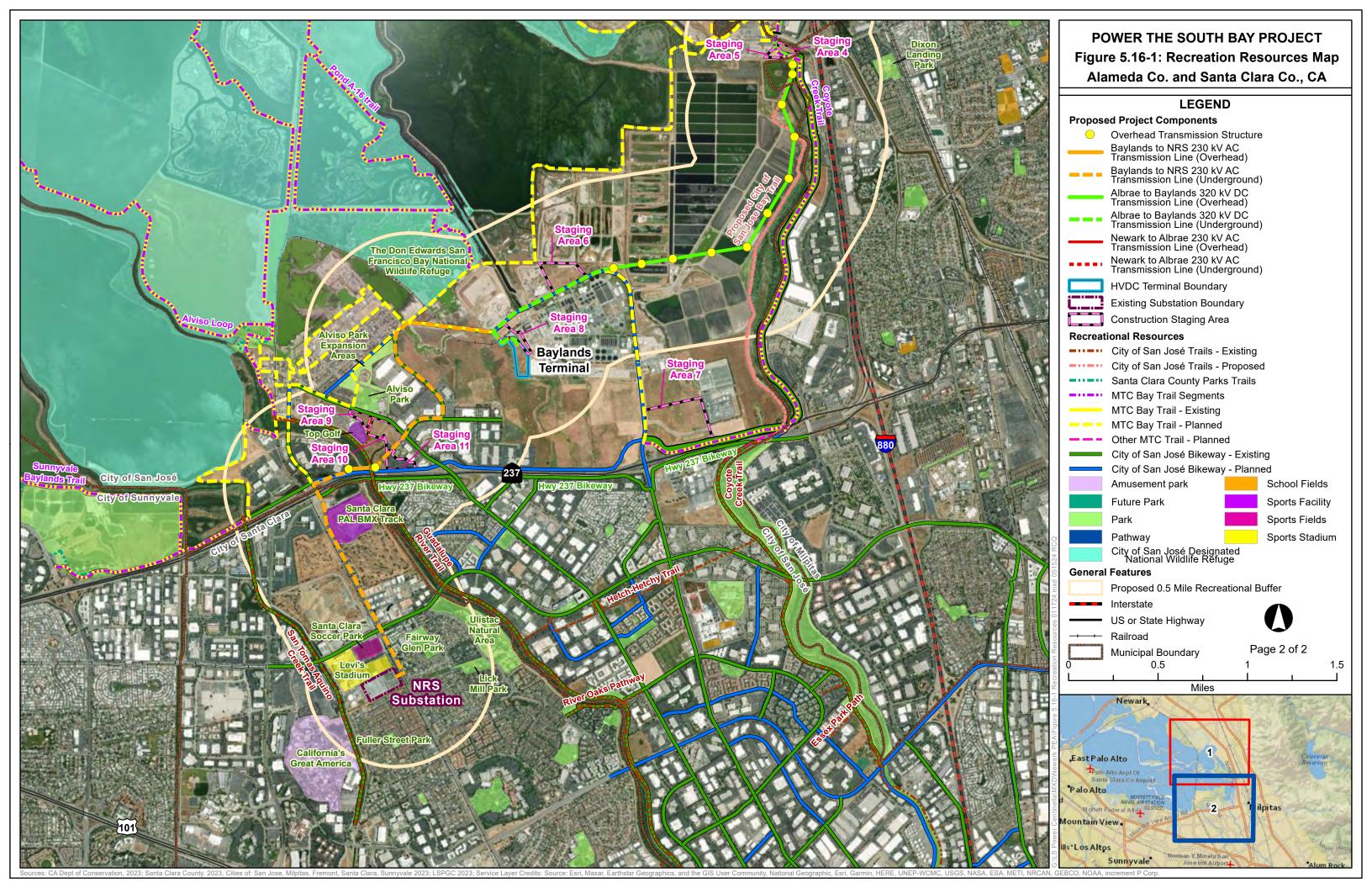


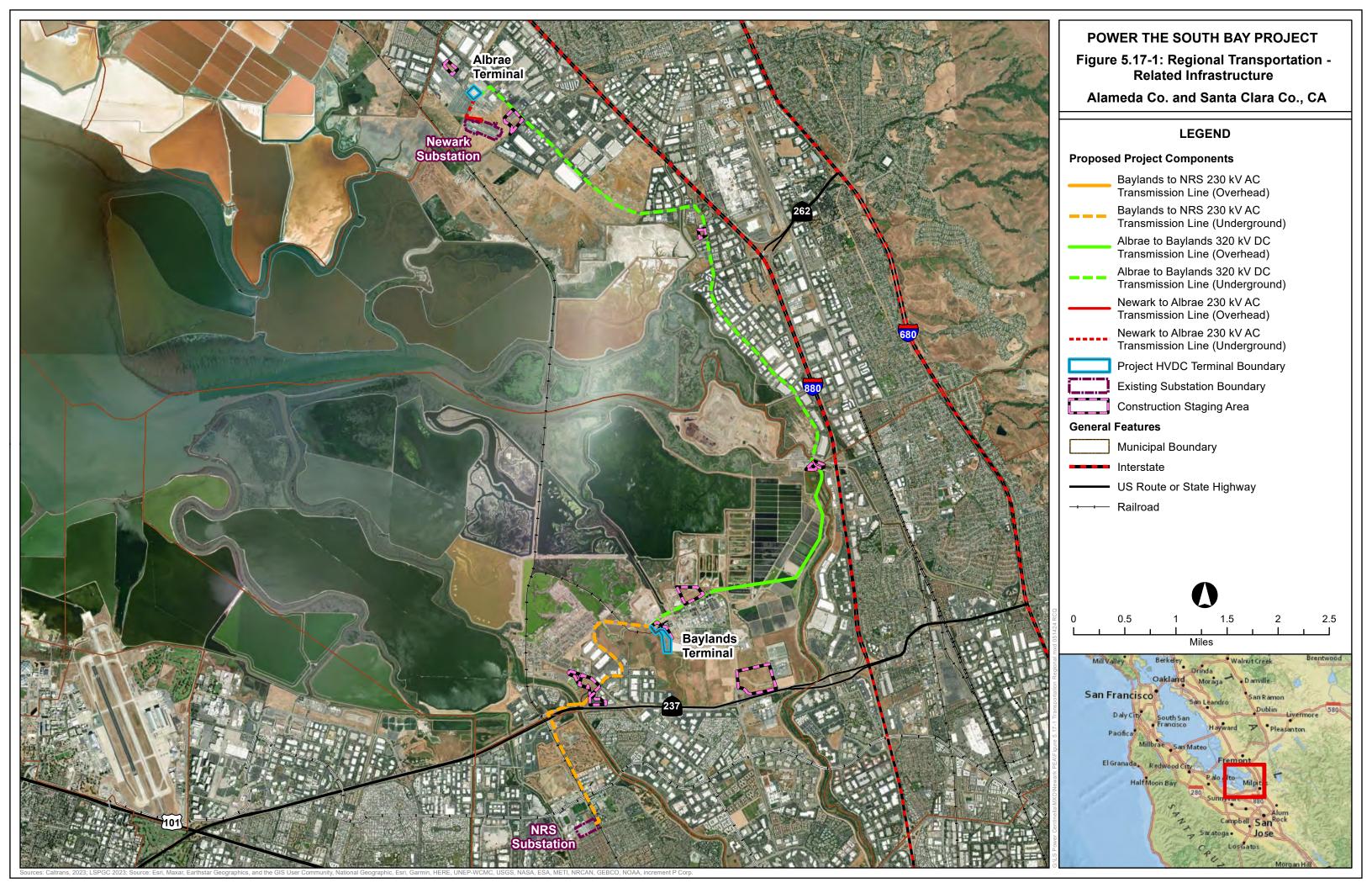


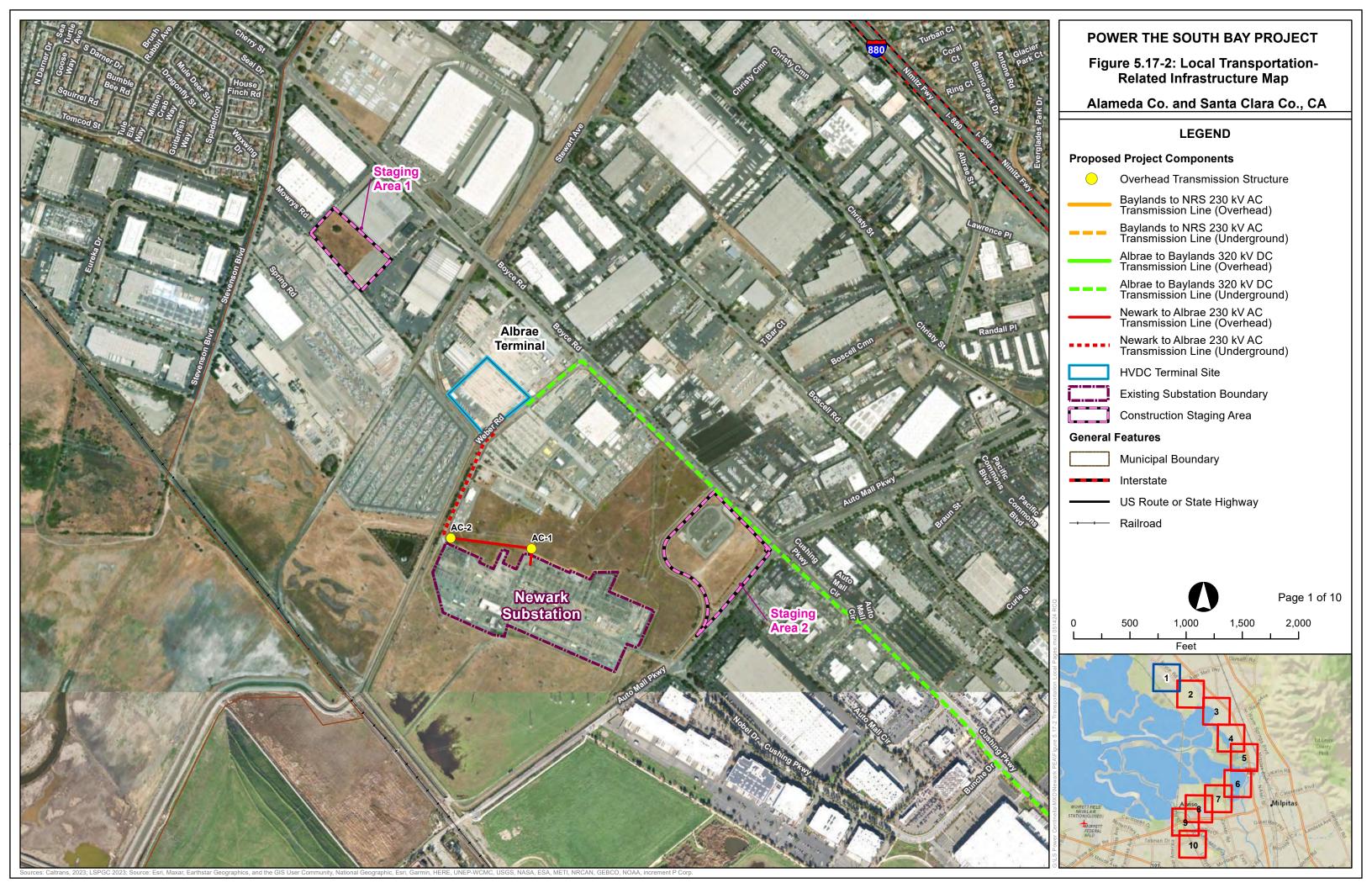


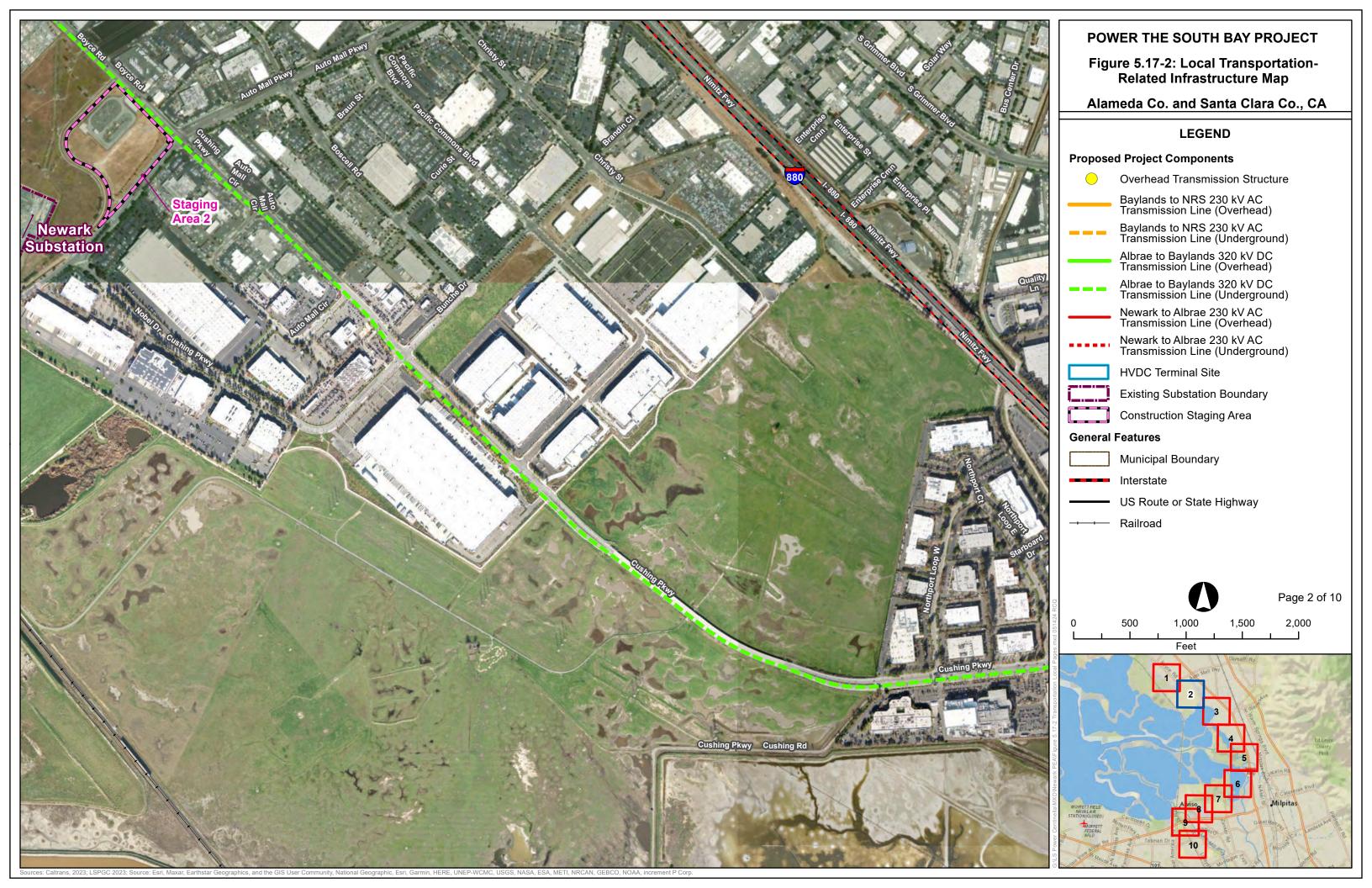


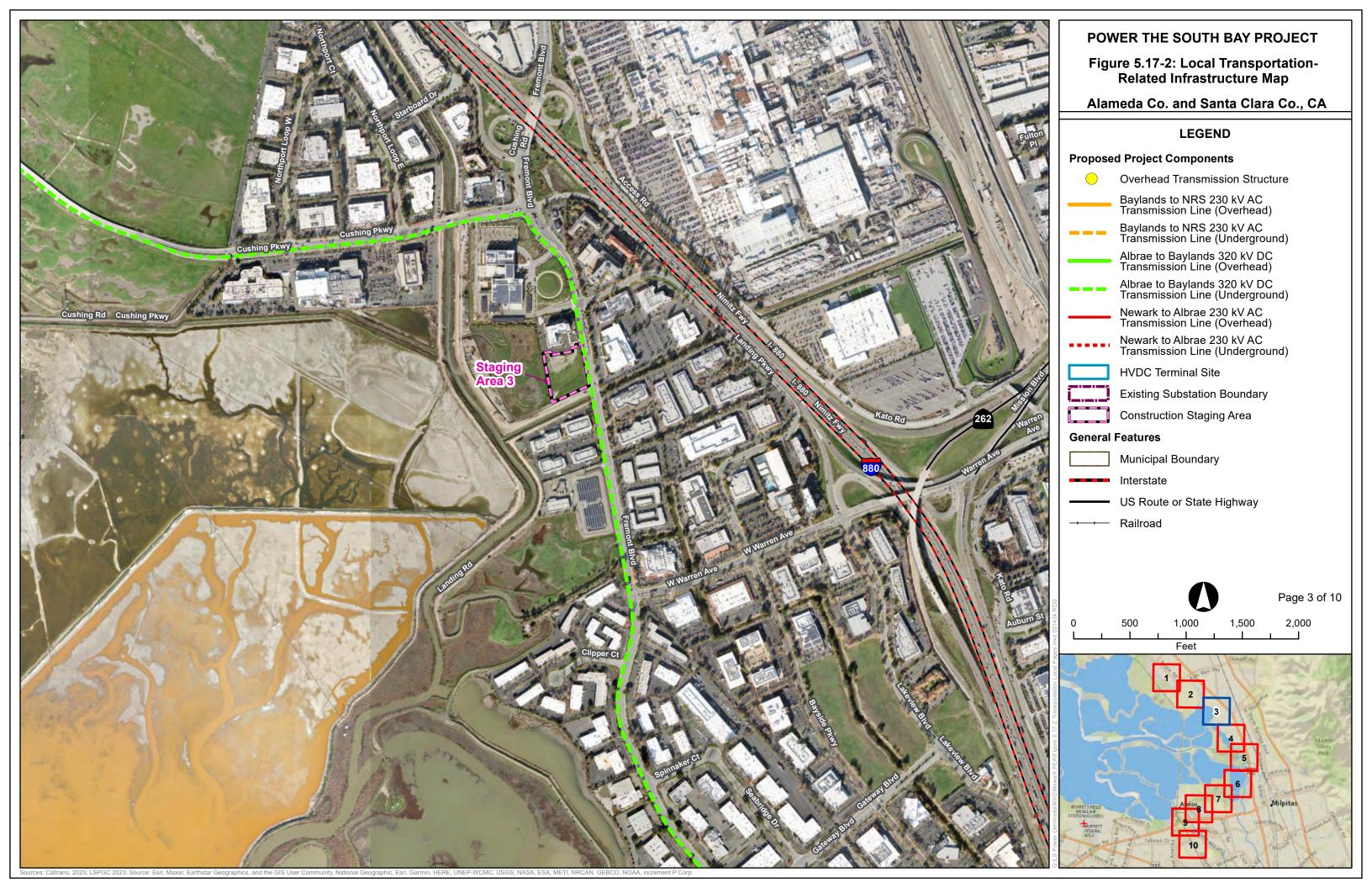


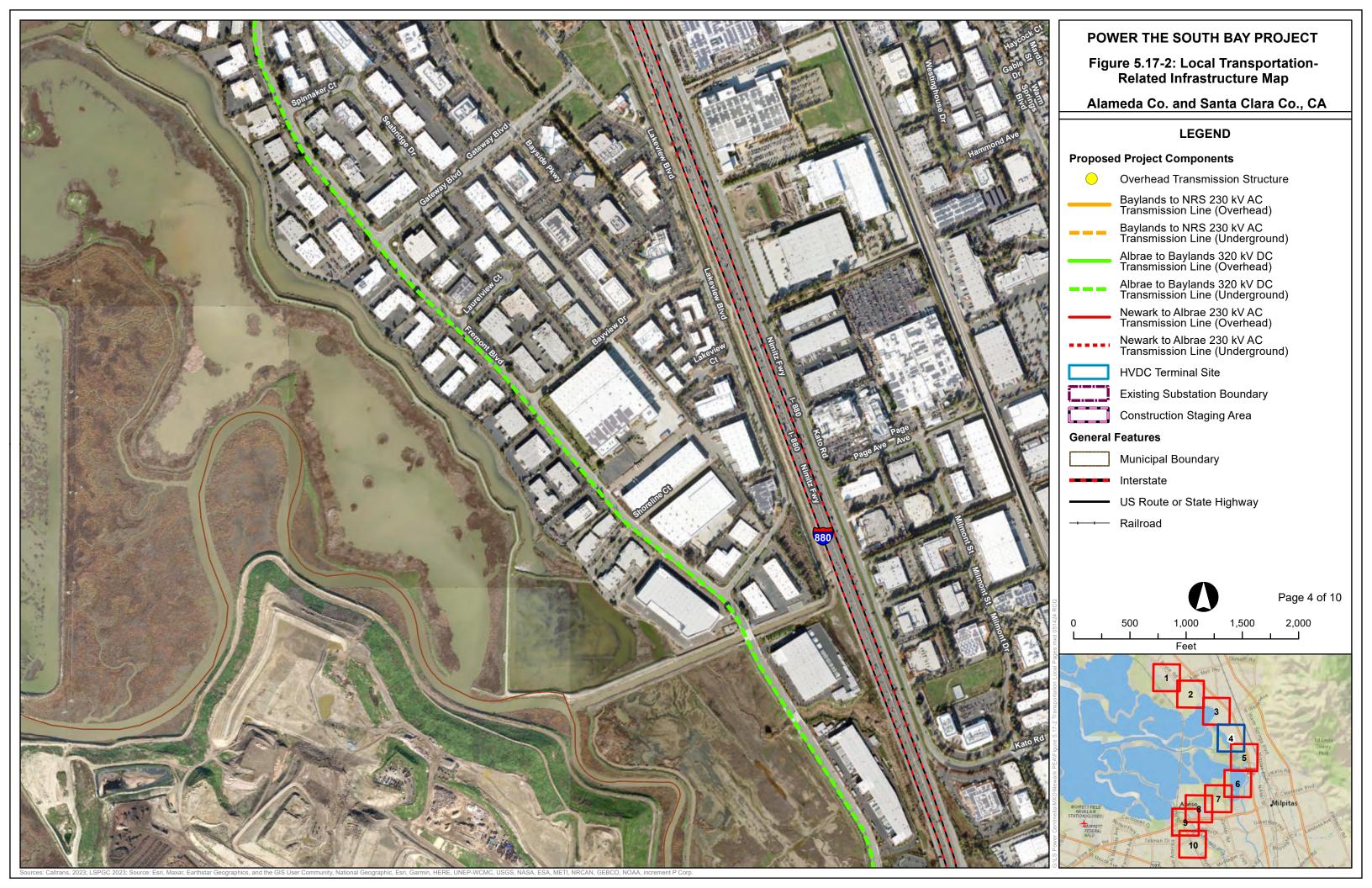


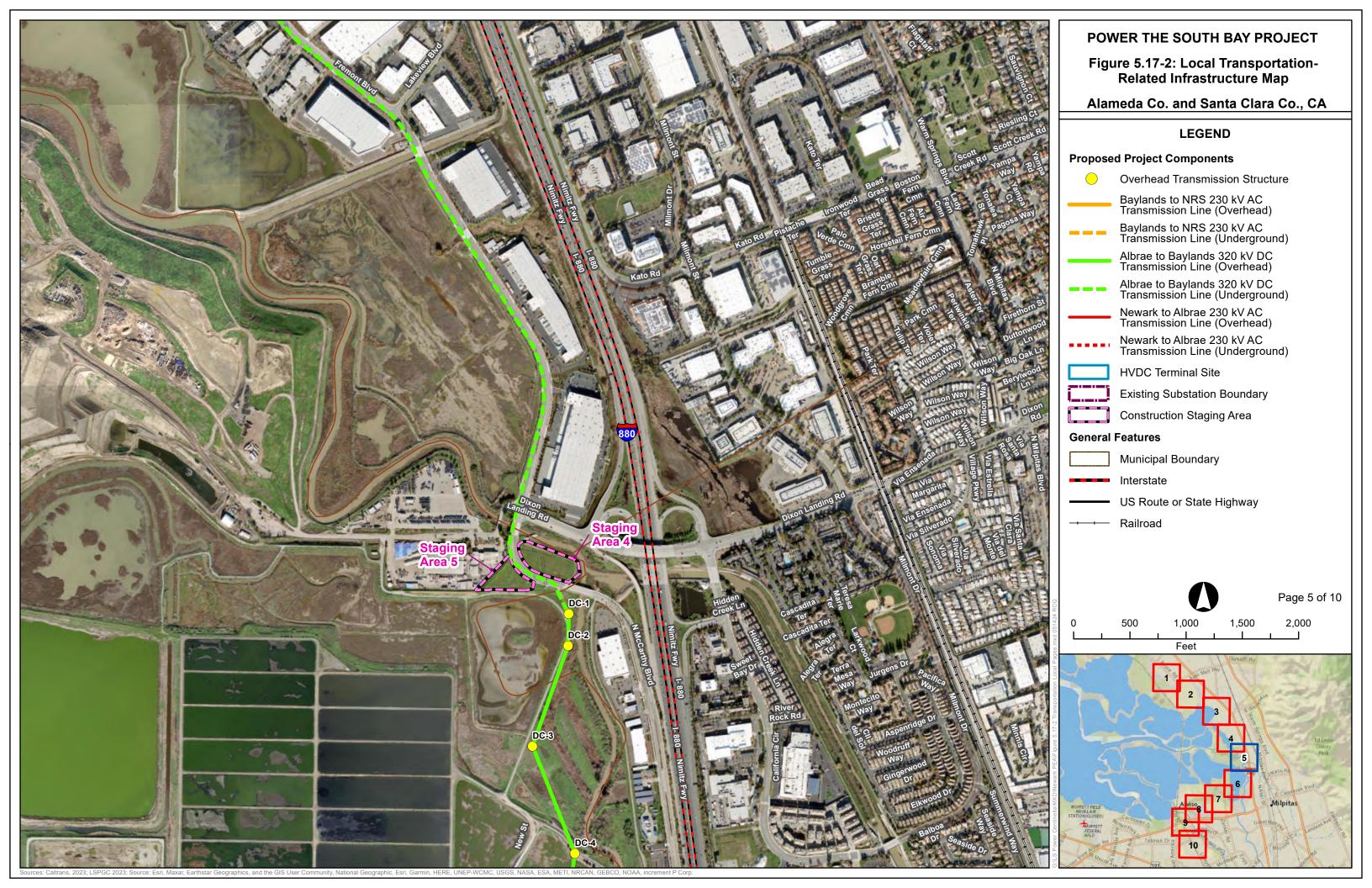


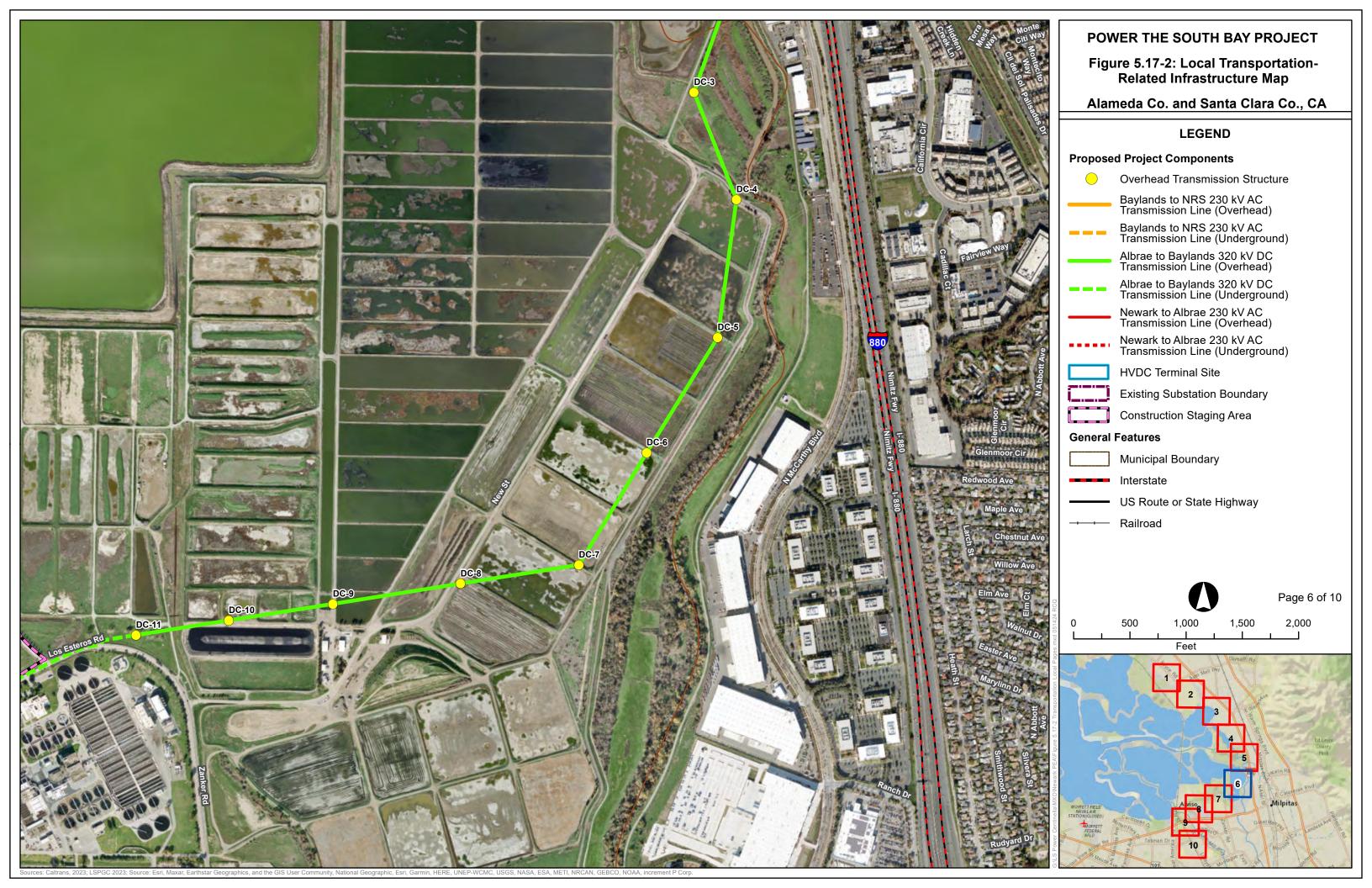


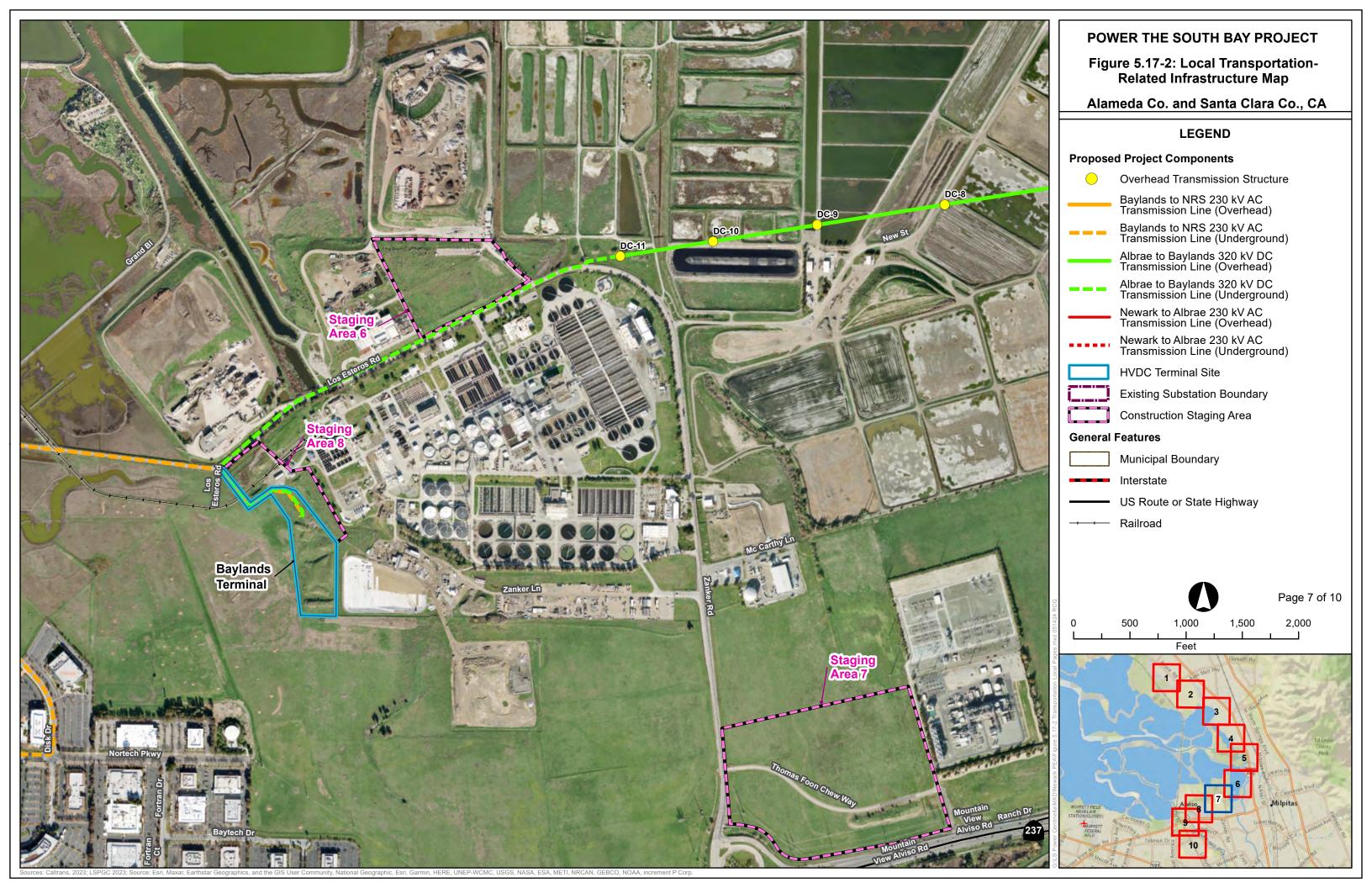


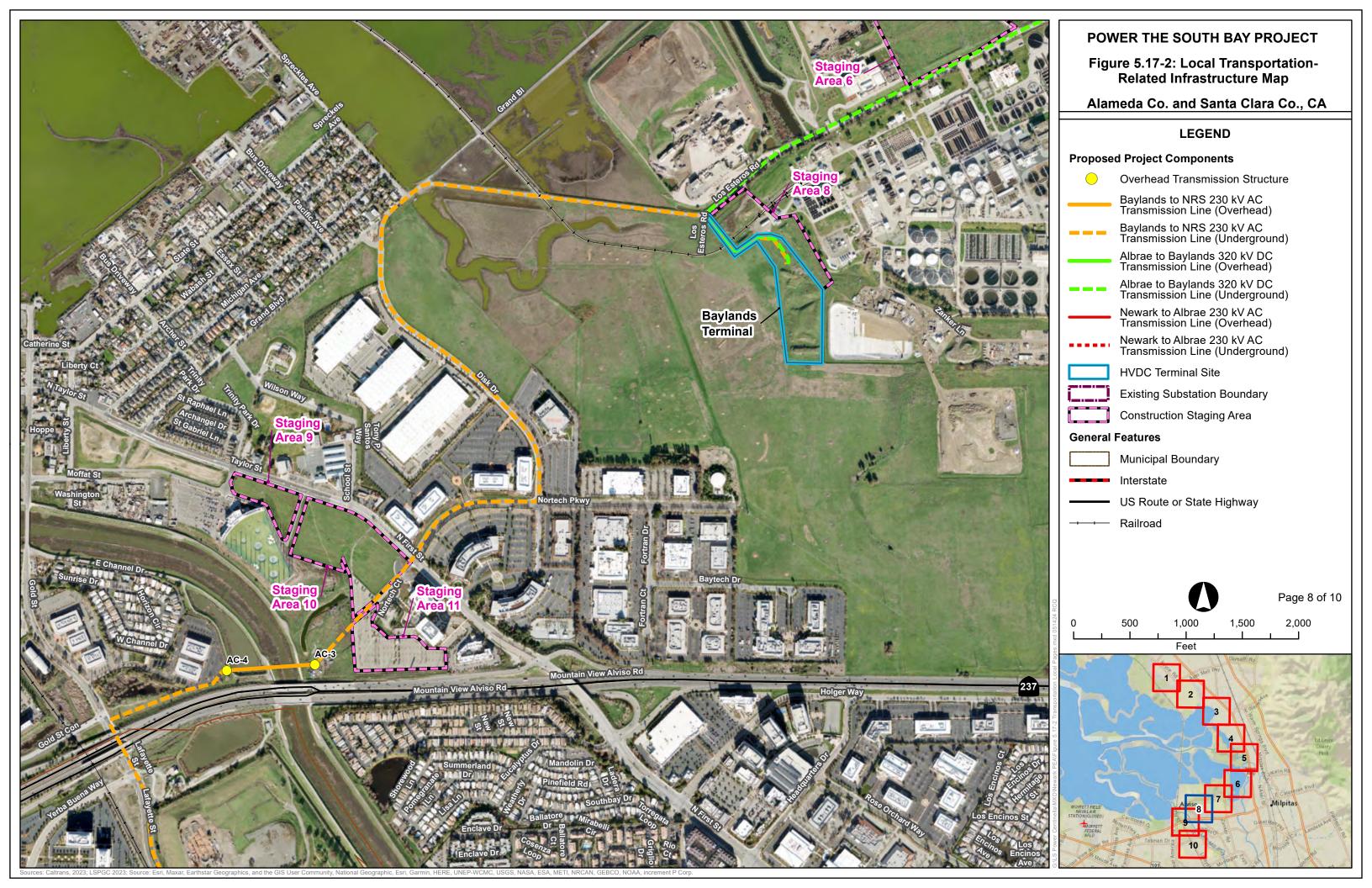


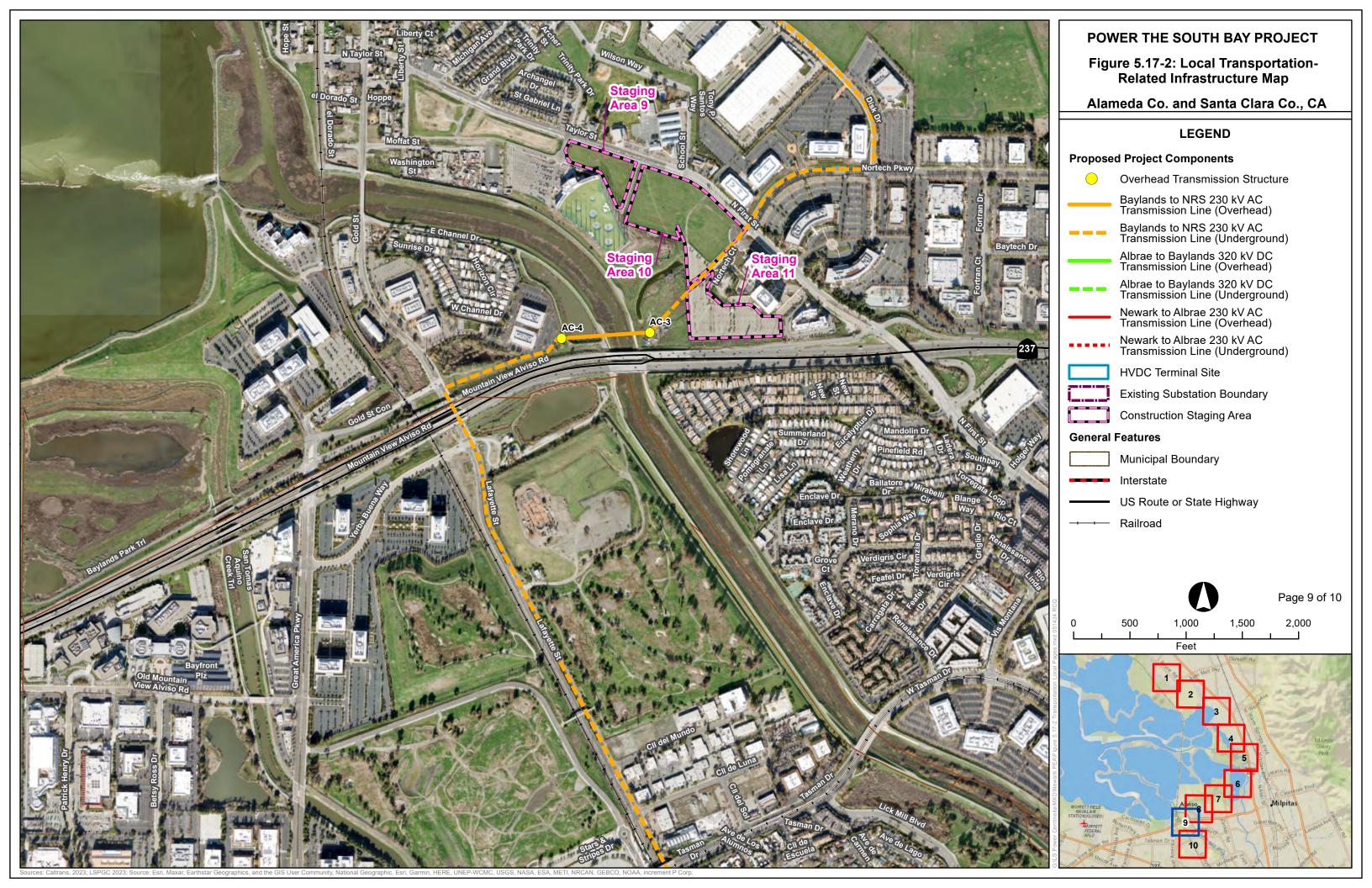


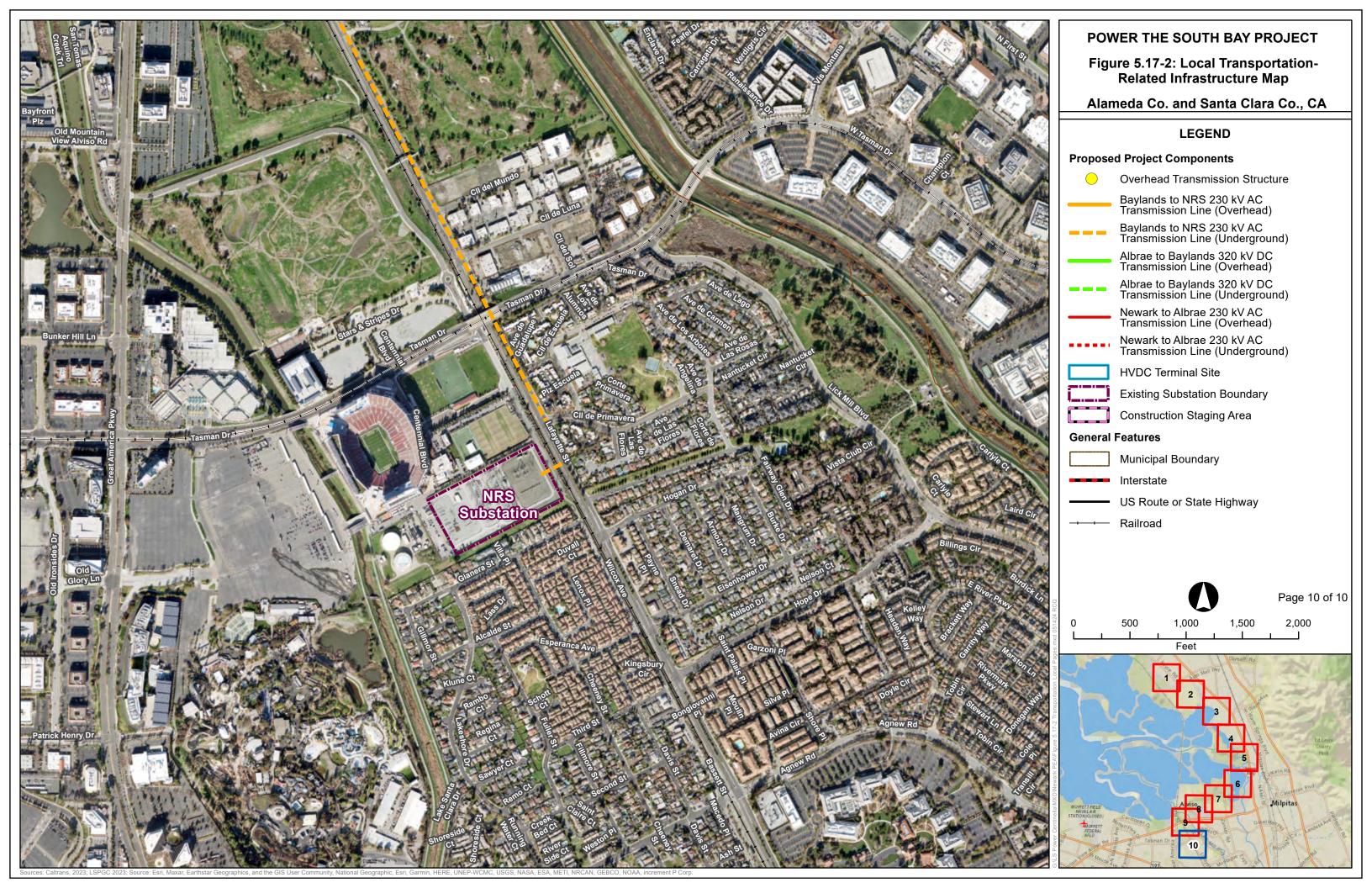


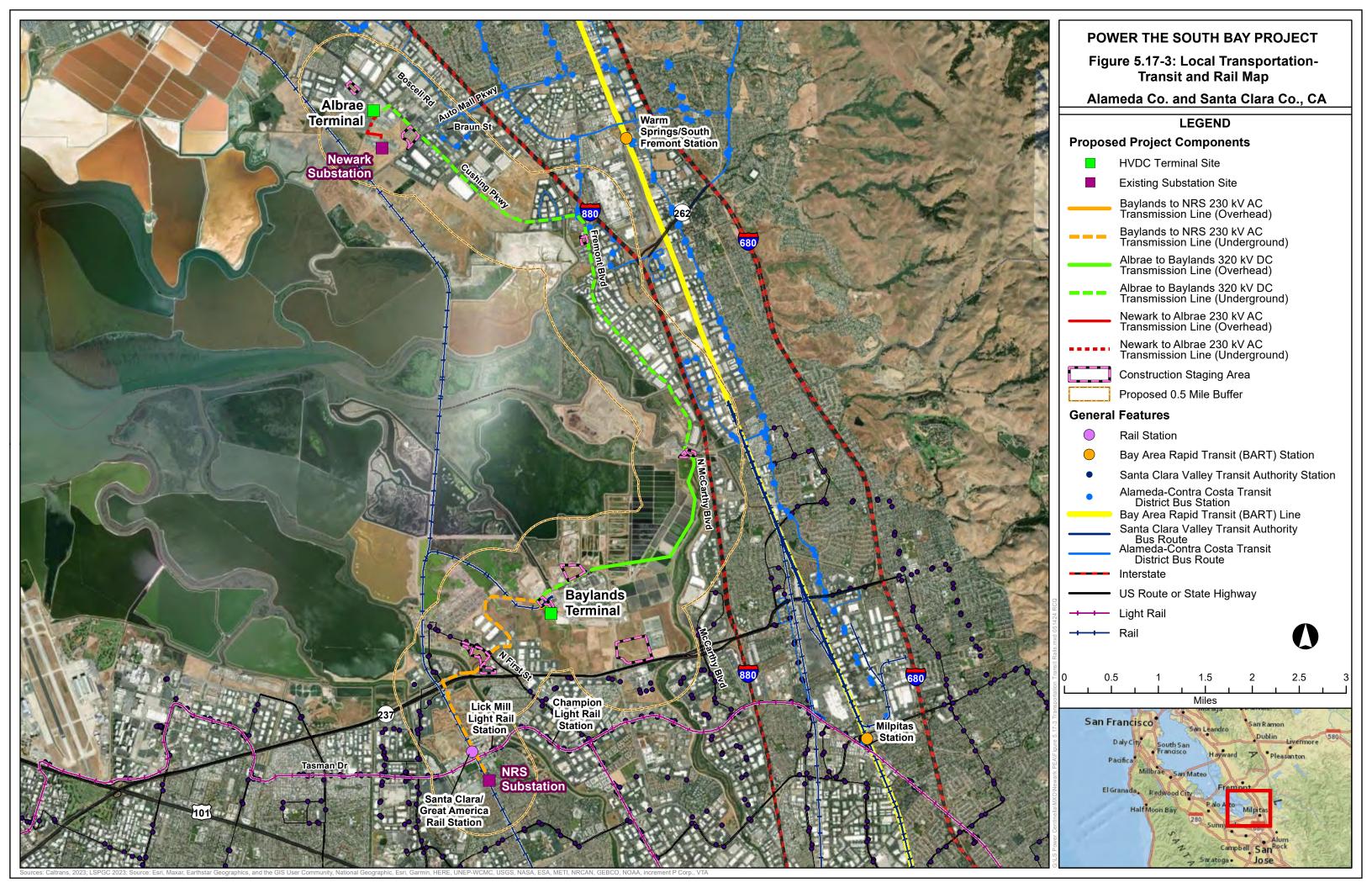


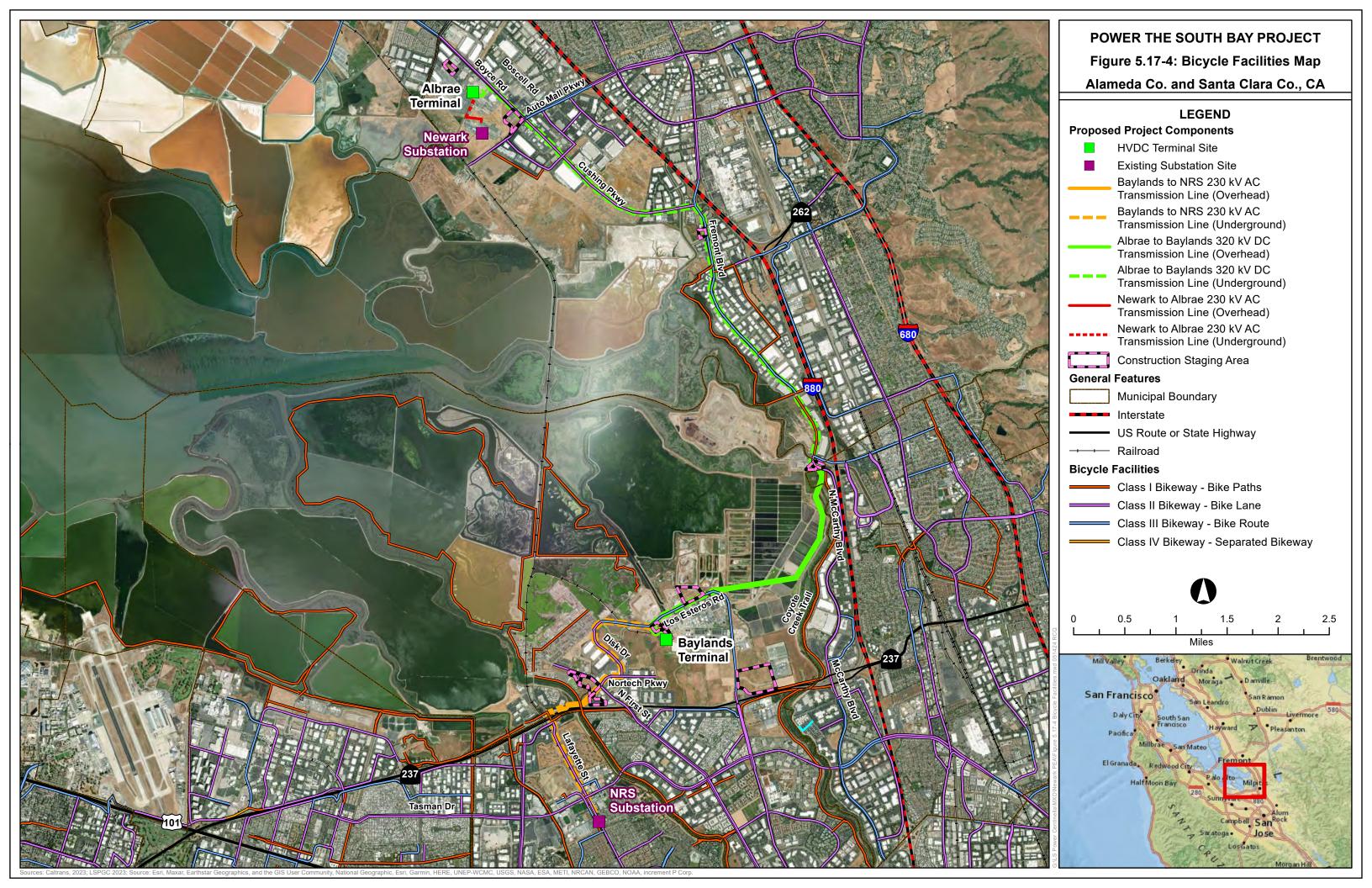


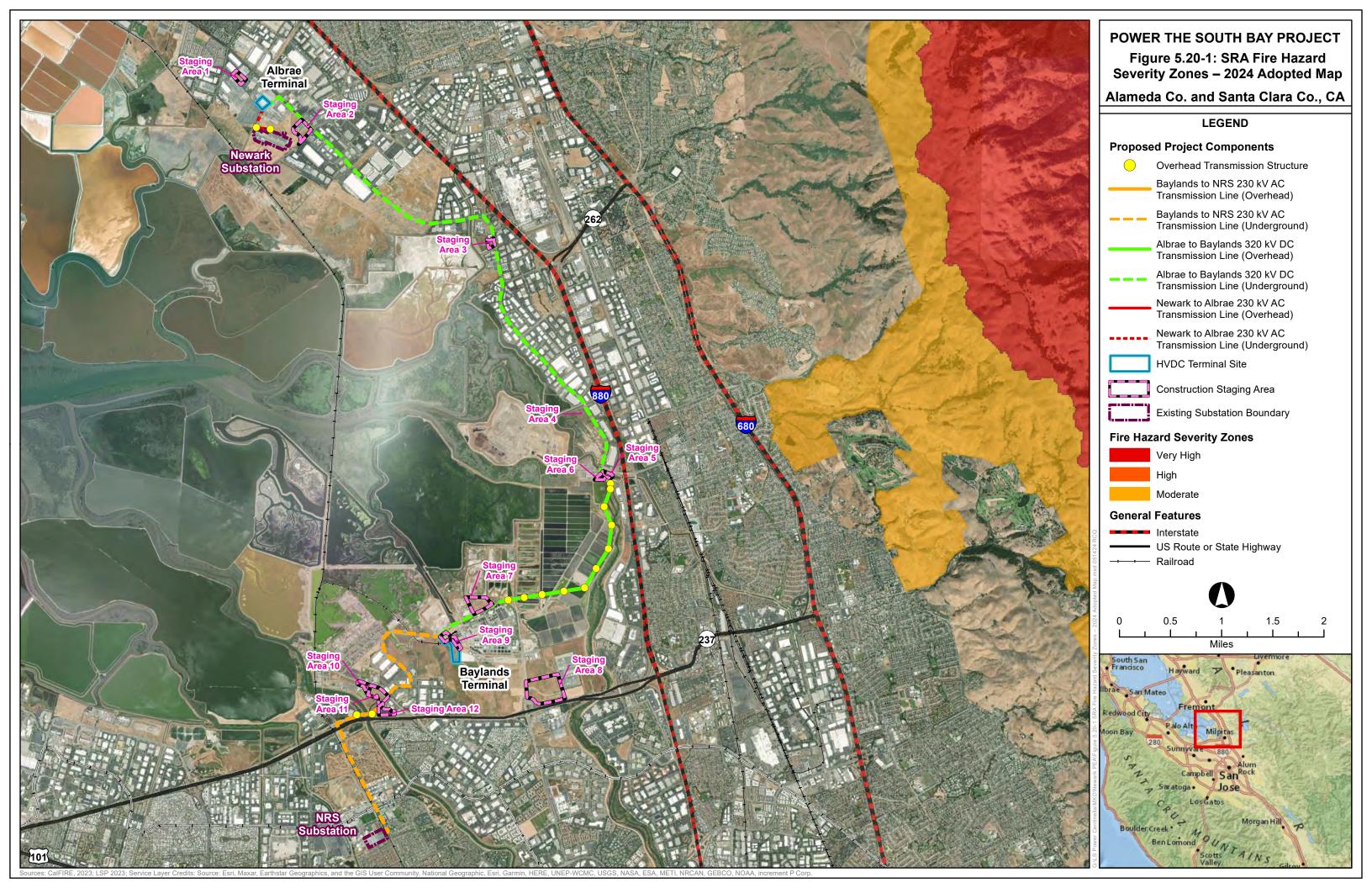


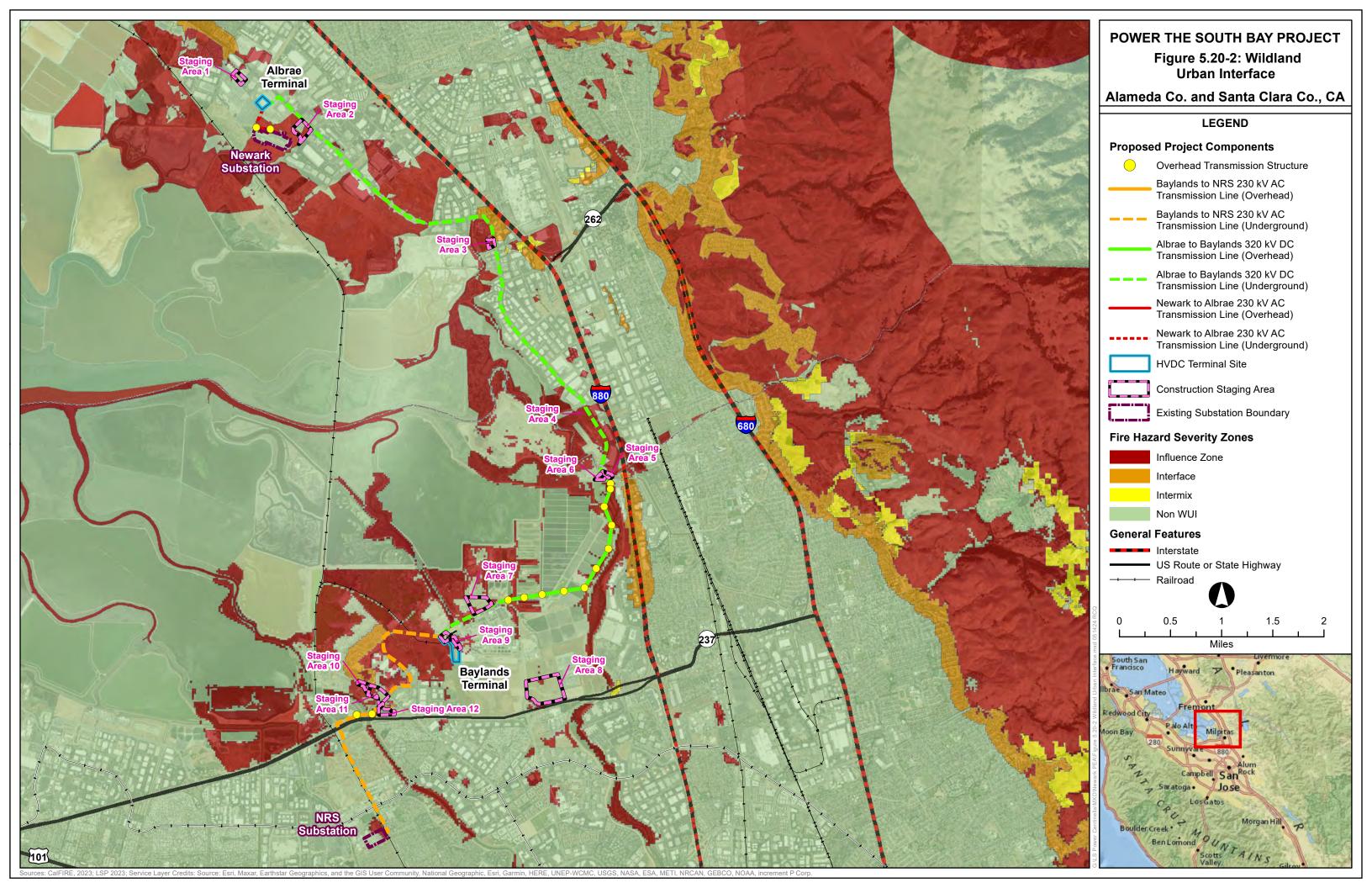


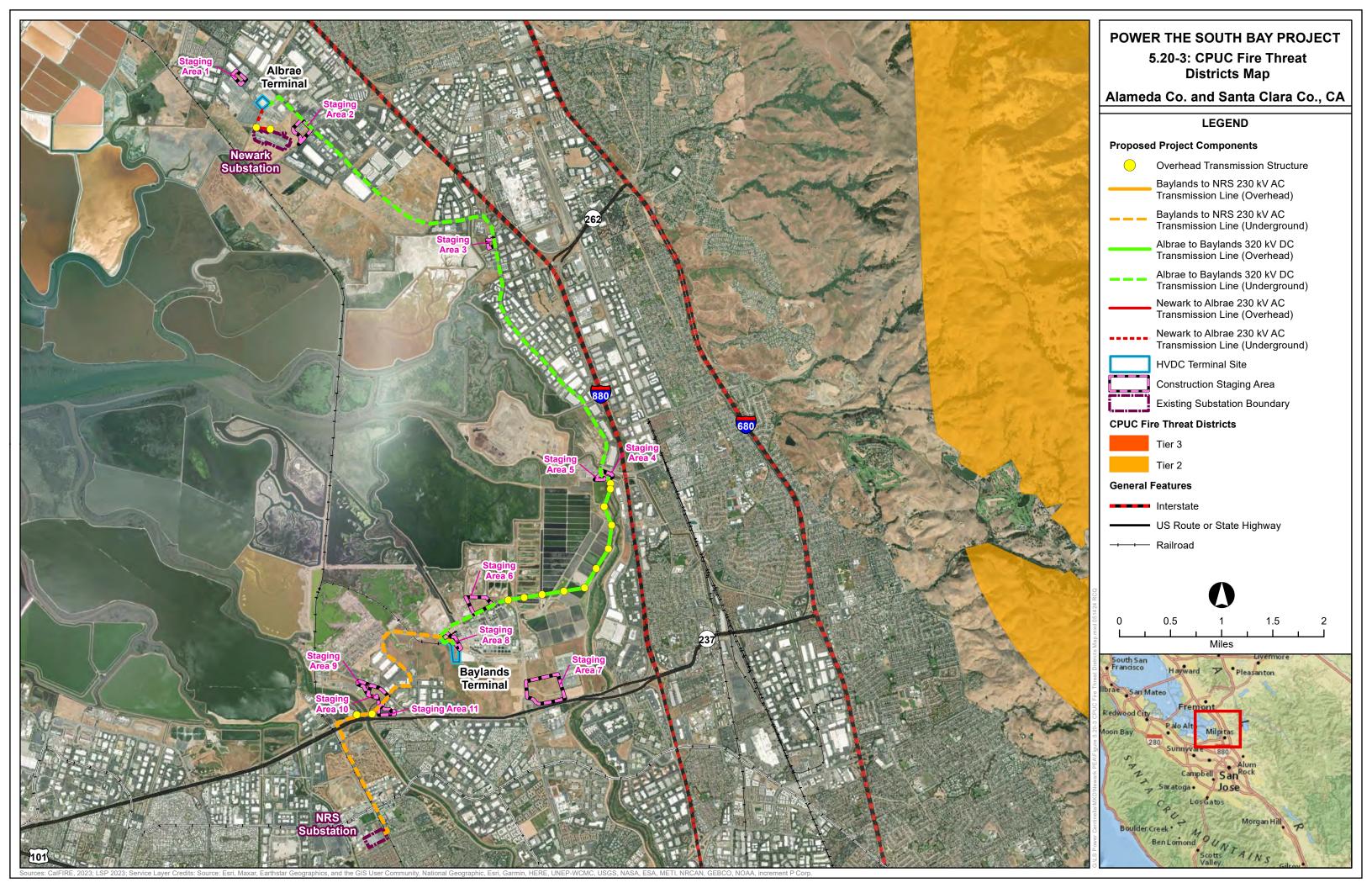


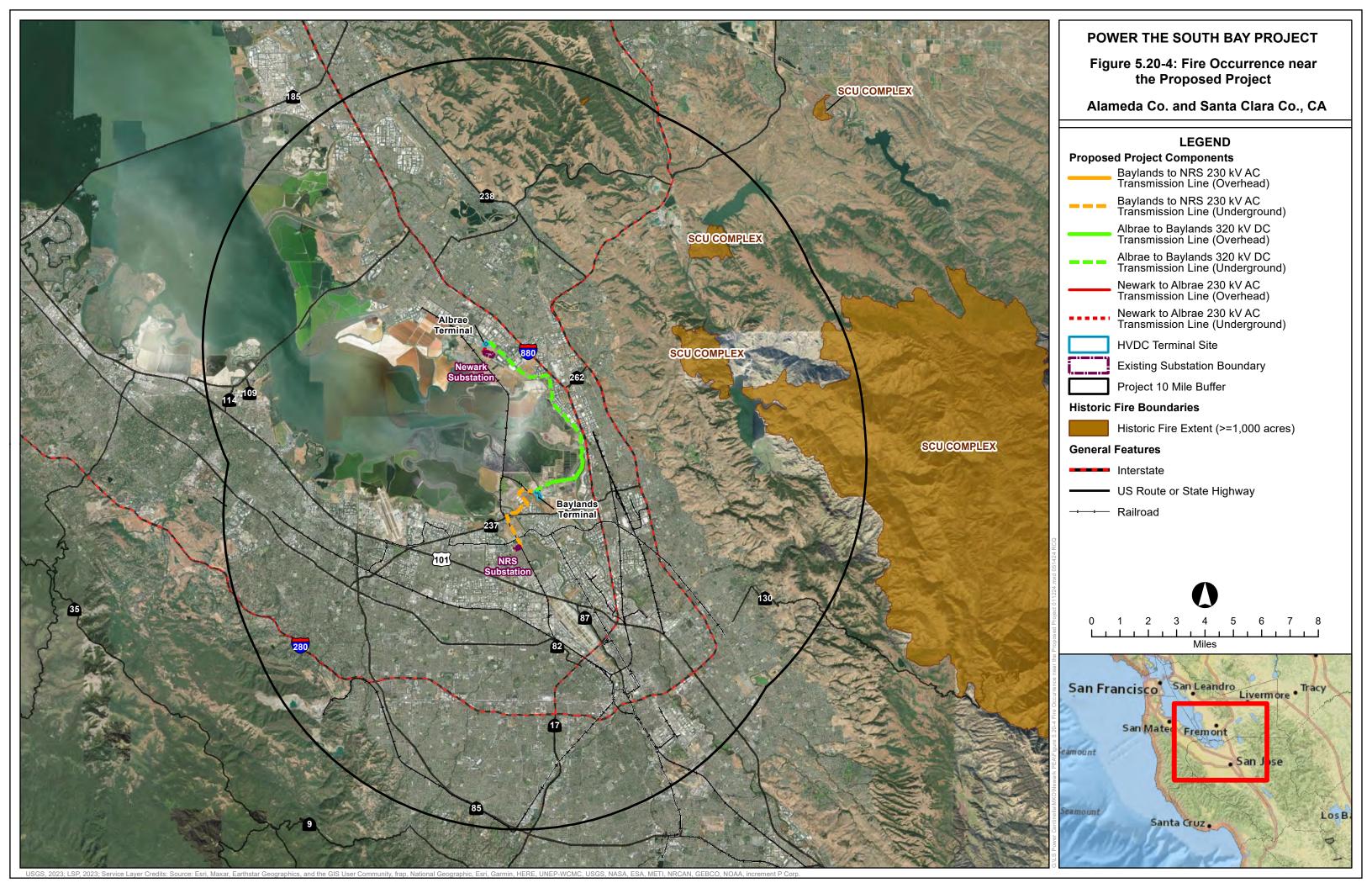












POWER THE SOUTH BAY PROJECT

Figure 5.20-5: Annual Summary of Wind Data from SJC Weather Station

Alameda Co. and Santa Clara Co., CA



Windrose Plot for [SJC] SAN JOSE INTL A Obs Between: 31 Dec 1969 11:00 PM - 24 Apr 2024 01:53 AM America/Los_Angeles

