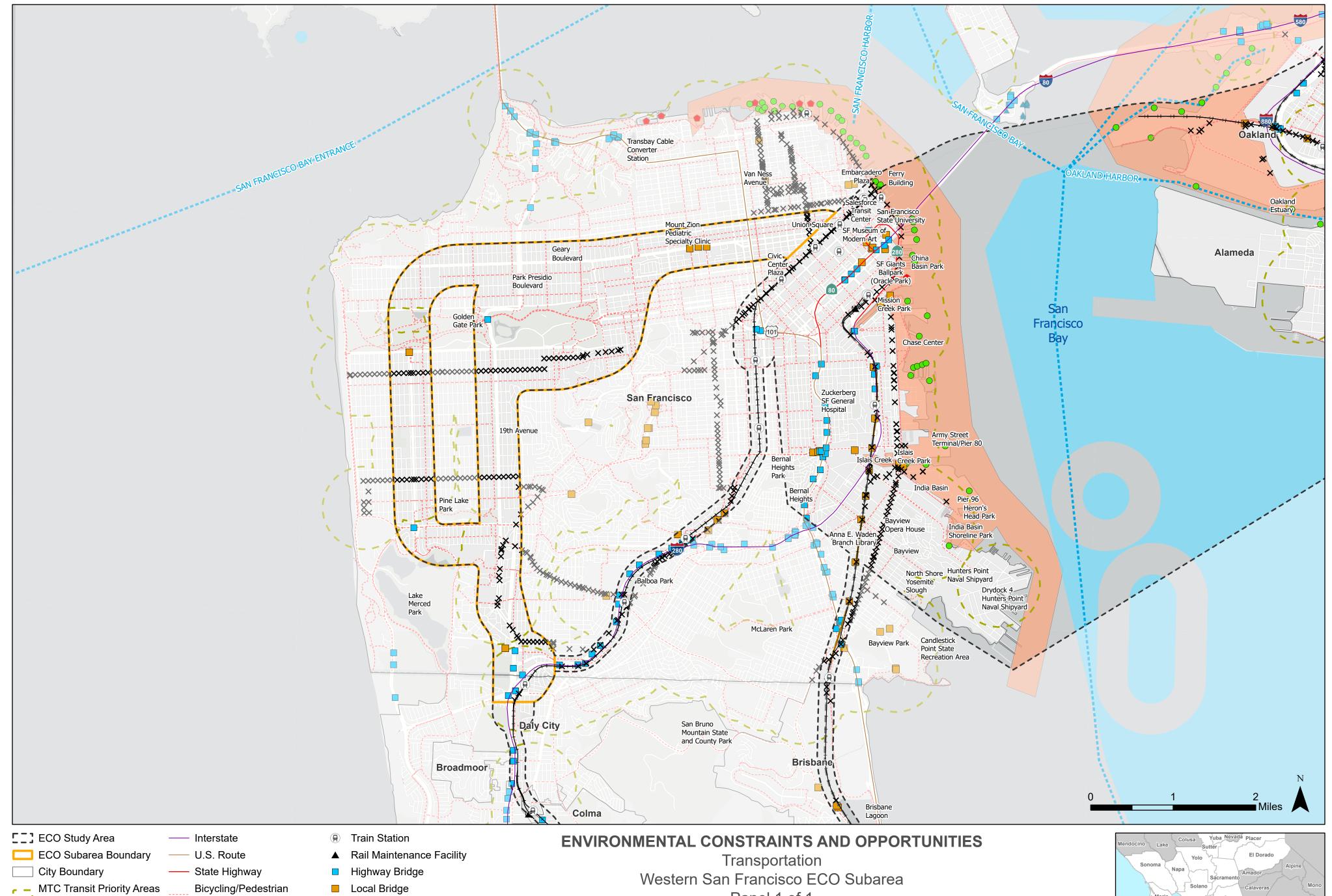


APPENDIX C. LINK21 ENVIRONMENTAL CONSTRAINTS AND OPPORTUNITIES MAP BOOK

Link21 is committed to ensuring that information is available in appropriate alternative formats to meet the requirements of persons with disabilities. If you require an alternative version of this file, please email link21dc@link21program.org.



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Mooring Point

Port - MTC × Rail Crossing

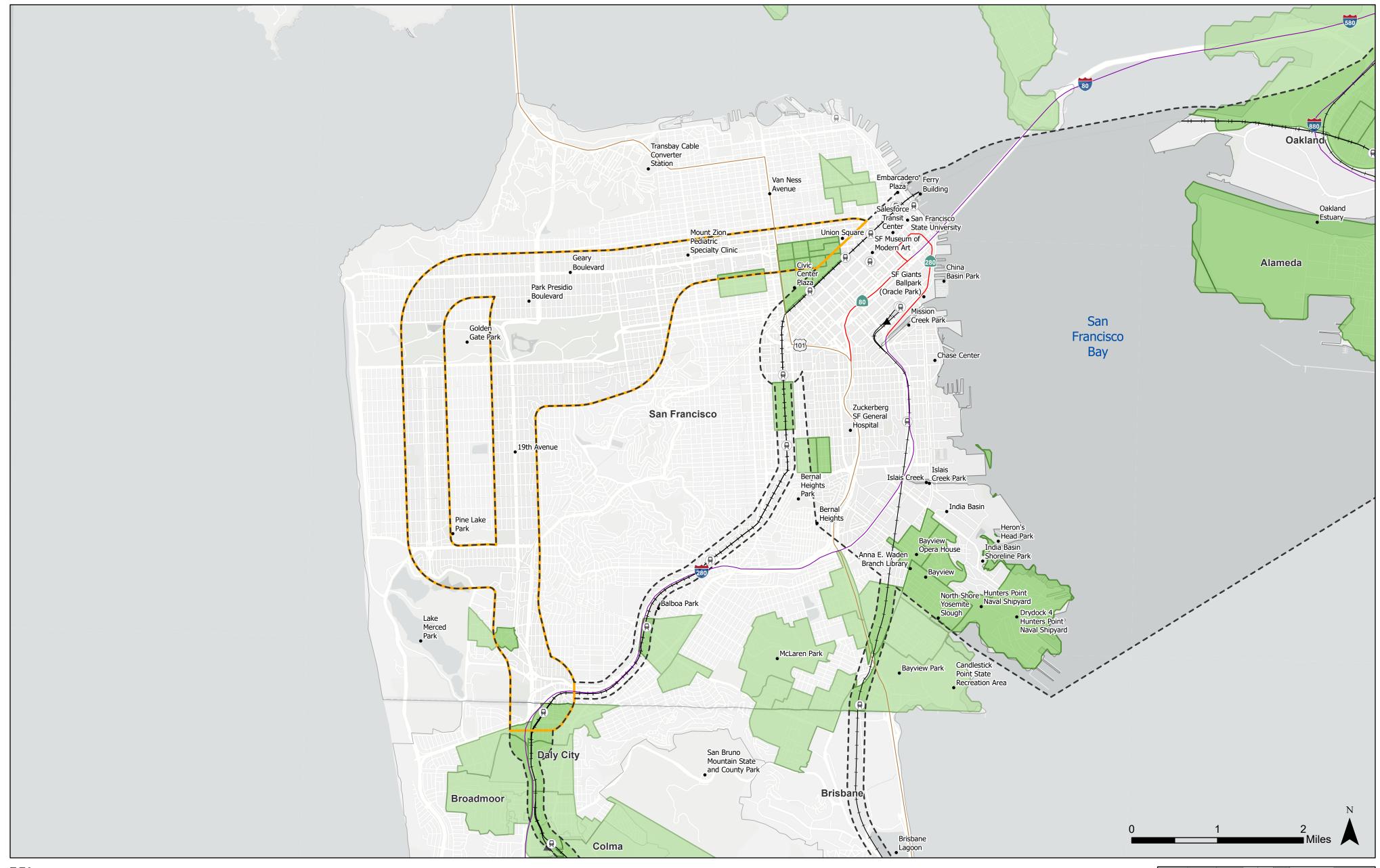
▲ US Coast Guard Units

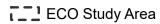
Panel 1 of 1



Note:
Resource data may not occur
within each map panel extent.
Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color







ECO Subarea Boundary

City Boundary

Priority Population

— Interstate

— U.S. Route

— State Highway

--- Existing Passenger Rail

▲ Rail Maintenance Facility

Train StationLandmark

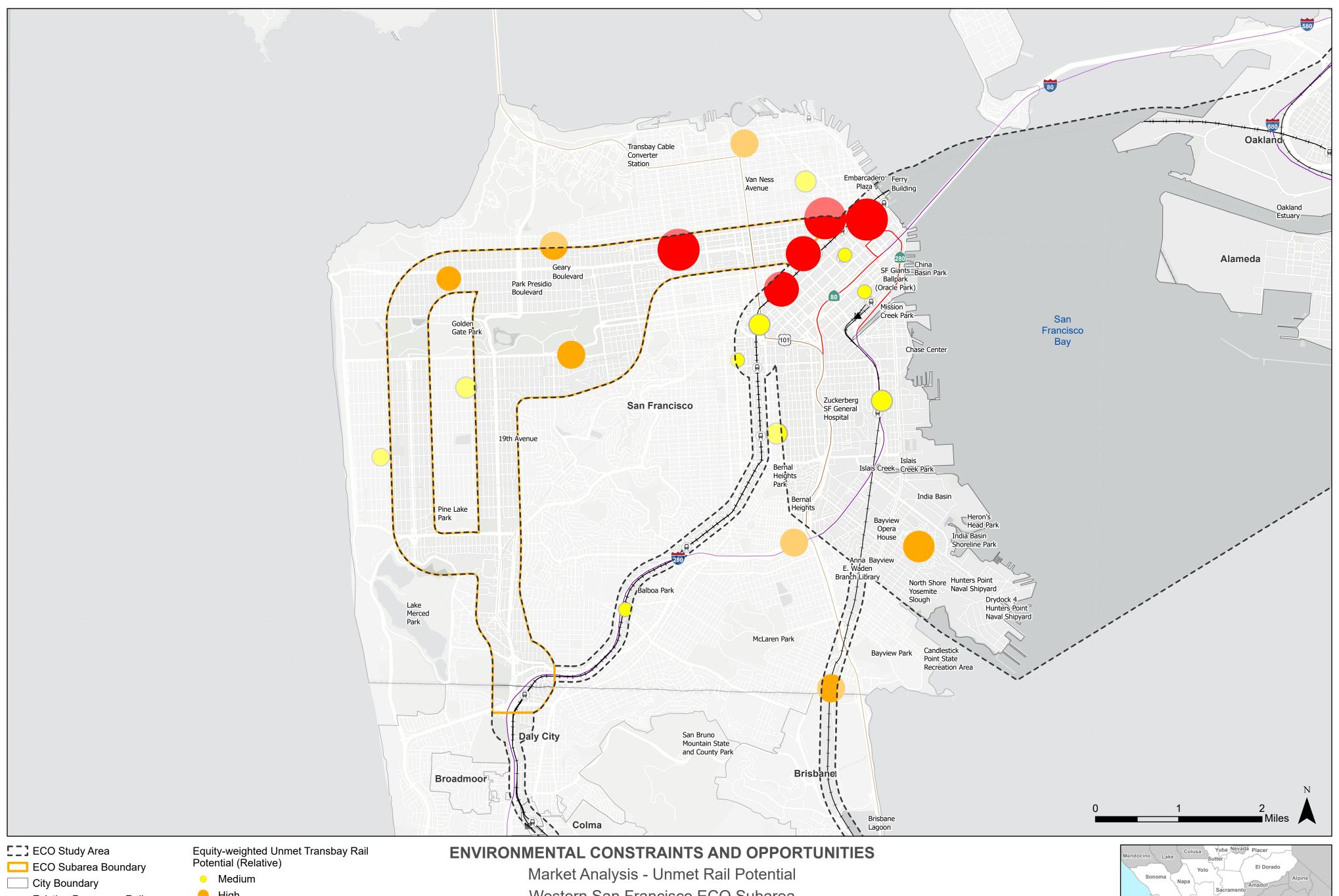
ENVIRONMENTAL CONSTRAINTS AND OPPORTUNITIES

Priority Populations
Western San Francisco ECO Subarea
Panel 1 of 1



Note: Resource data may not occur within each map panel extent, and map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.





--- Existing Passenger Rail

— Interstate — U.S. Route

— State Highway

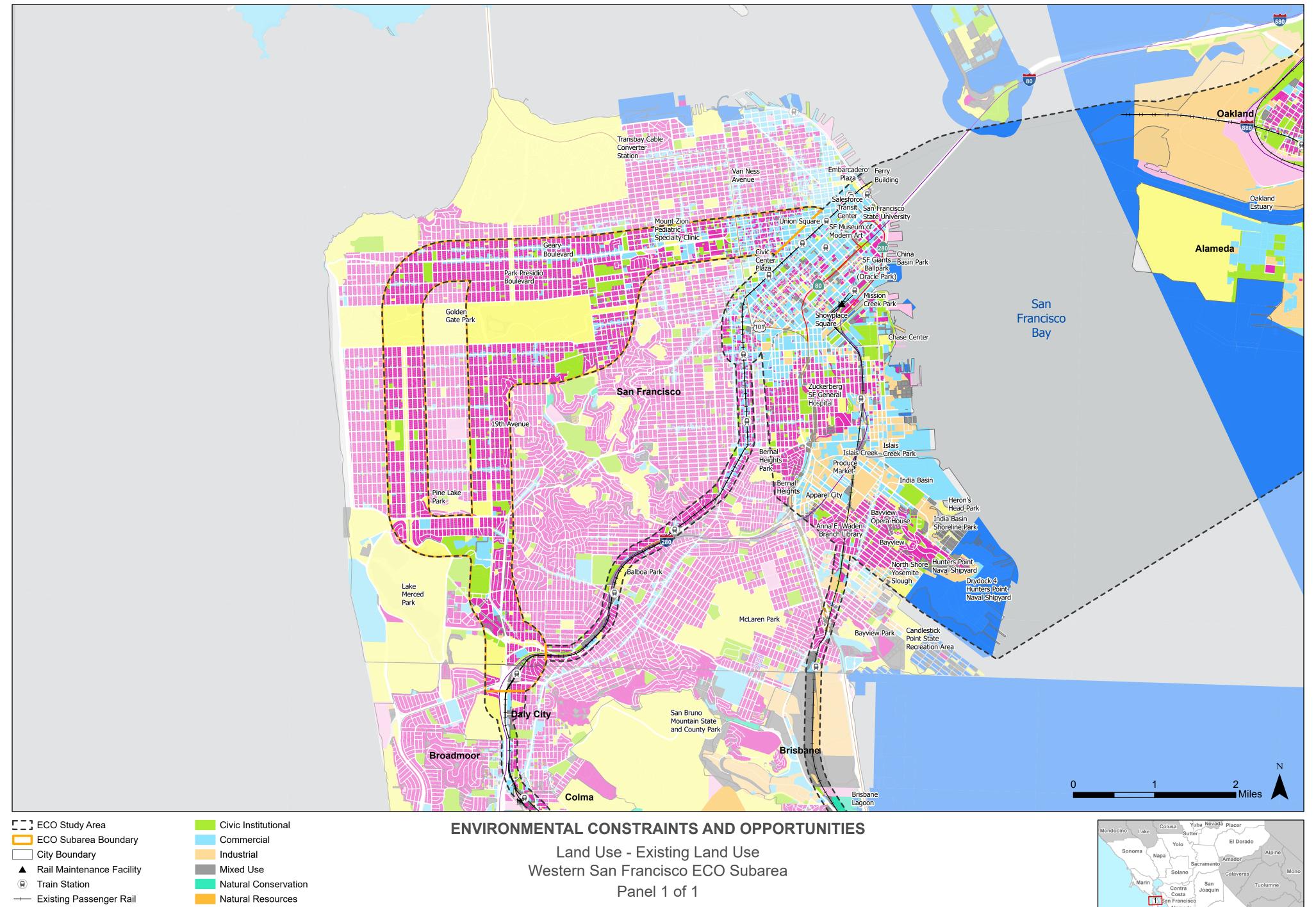
Train Station ▲ Rail Maintenance Facility High Higher Western San Francisco ECO Subarea Panel 1 of 1

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Note:

Resource data may not occur within each map panel extent.





— Interstate — U.S. Route — State Highway

Existing Land Use Agriculture

Open Space Residential

Transportation Utilities

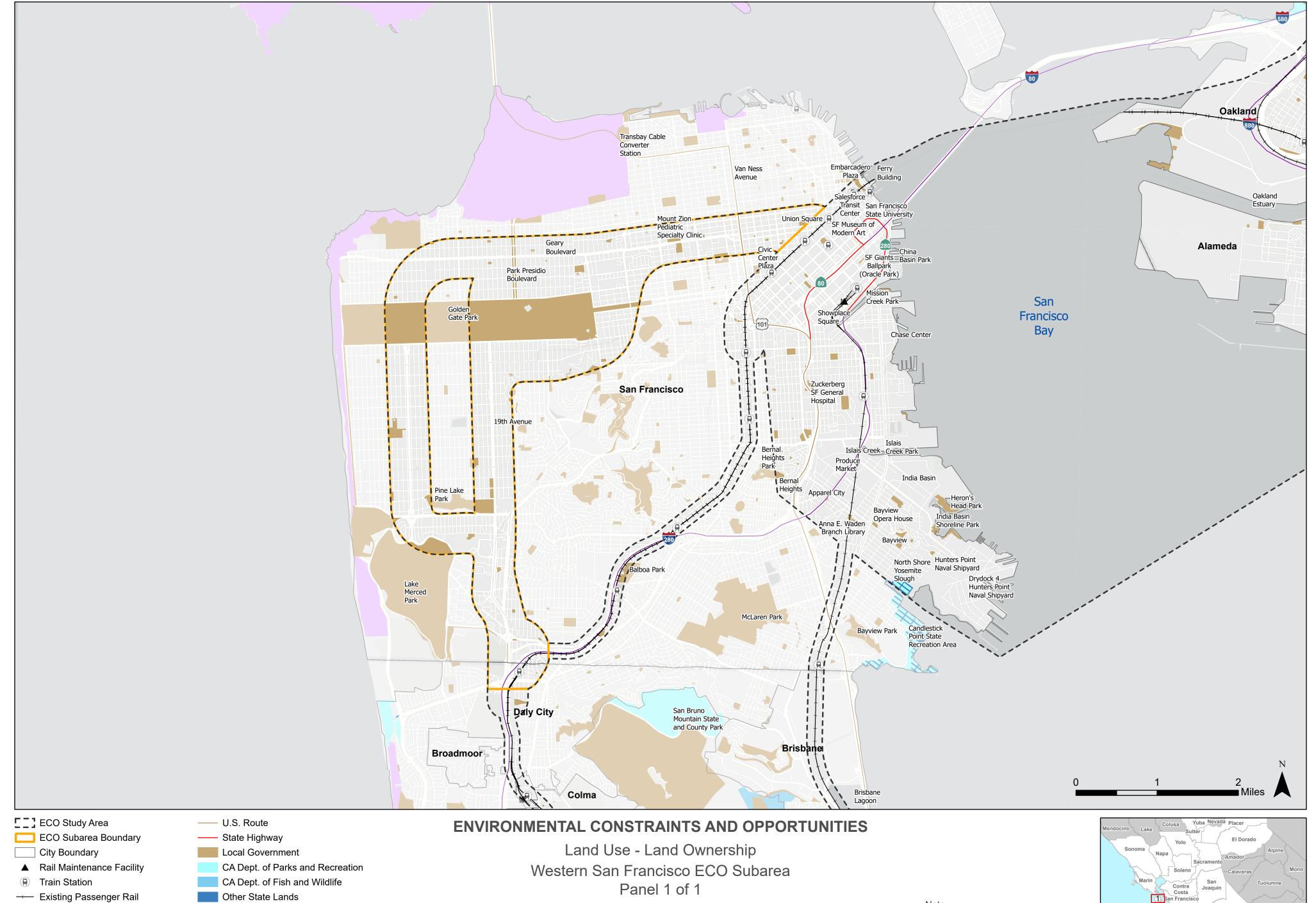
Other

Source: Urban Footprint 2021 Click here to comment



Note: Resource data may not occur within each map panel extent. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.





Source: CalFire 2018, BIA 2018

National Park Service

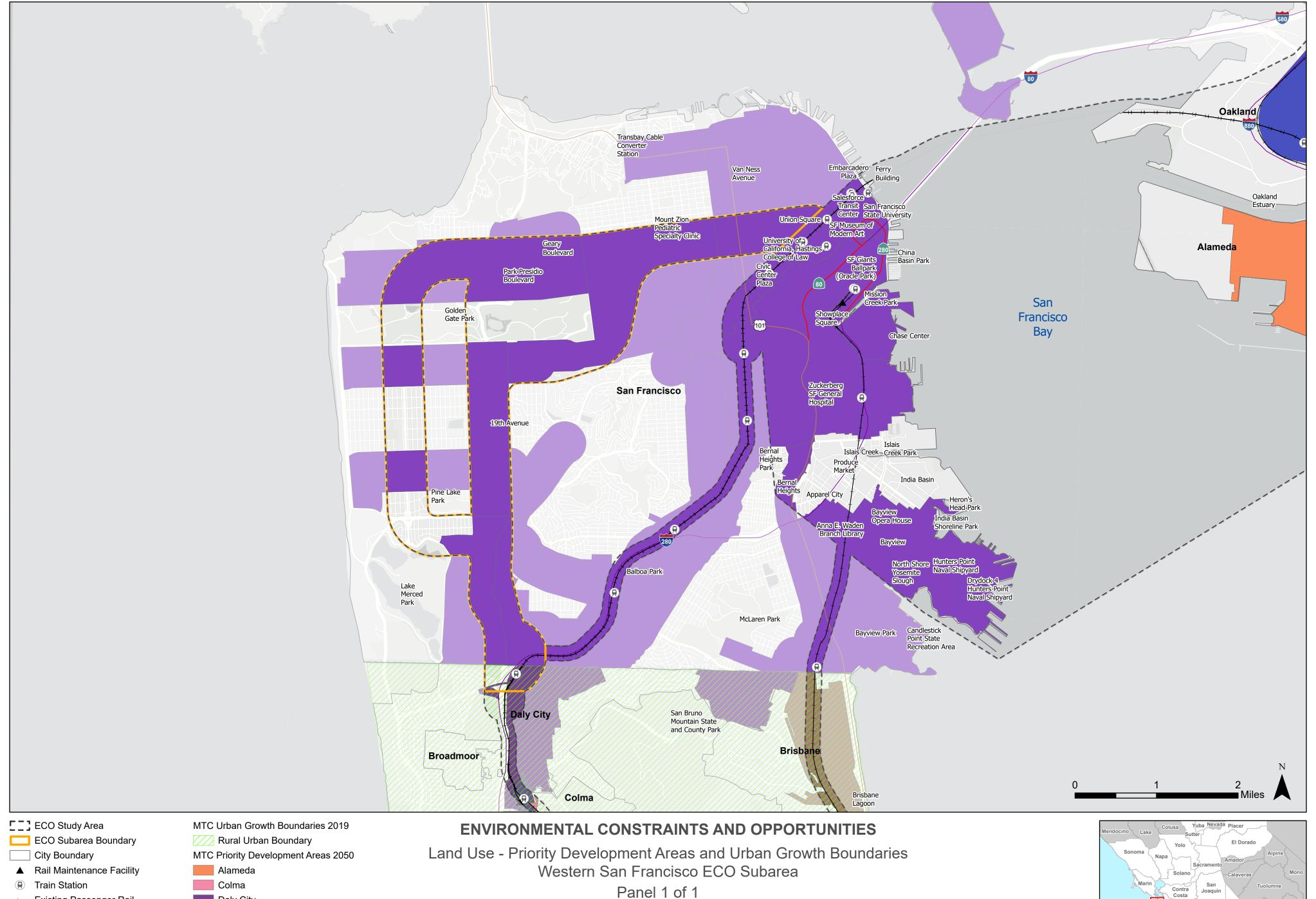
— Interstate

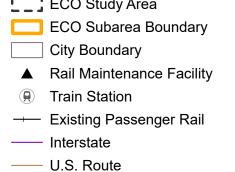
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Note: Resource data may not occur within each map panel extent. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.







— State Highway

Colma Daly City Oakland San Francisco San Francisco & Brisbane

Unincorporated San Mateo

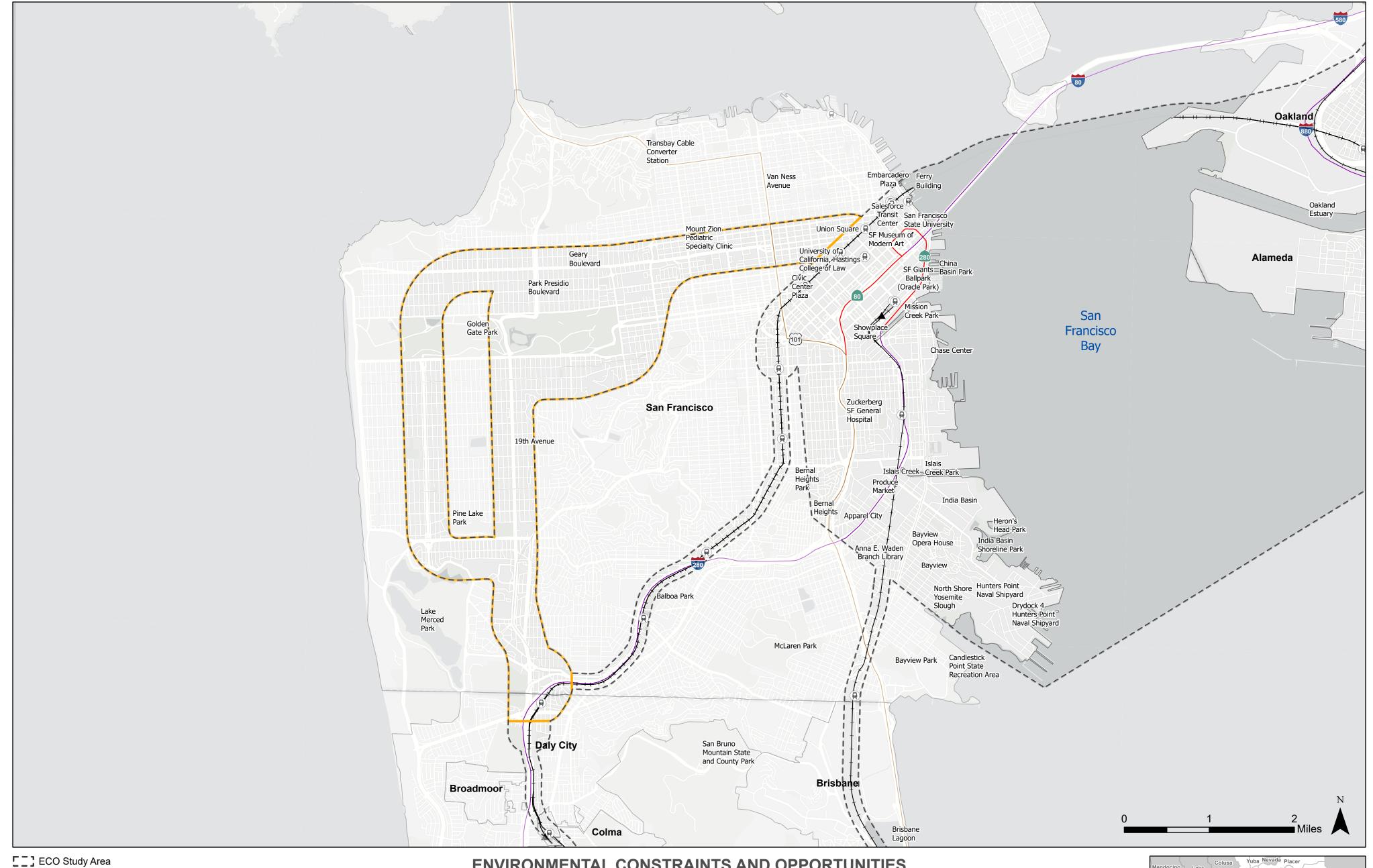
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Resource data may not occur within each map panel extent.

Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.





ECO Subarea Boundary

City Boundary

Train Station

▲ Rail Maintenance Facility

--- Existing Passenger Rail

— Interstate

— U.S. Route

— State Highway

ENVIRONMENTAL CONSTRAINTS AND OPPORTUNITIES

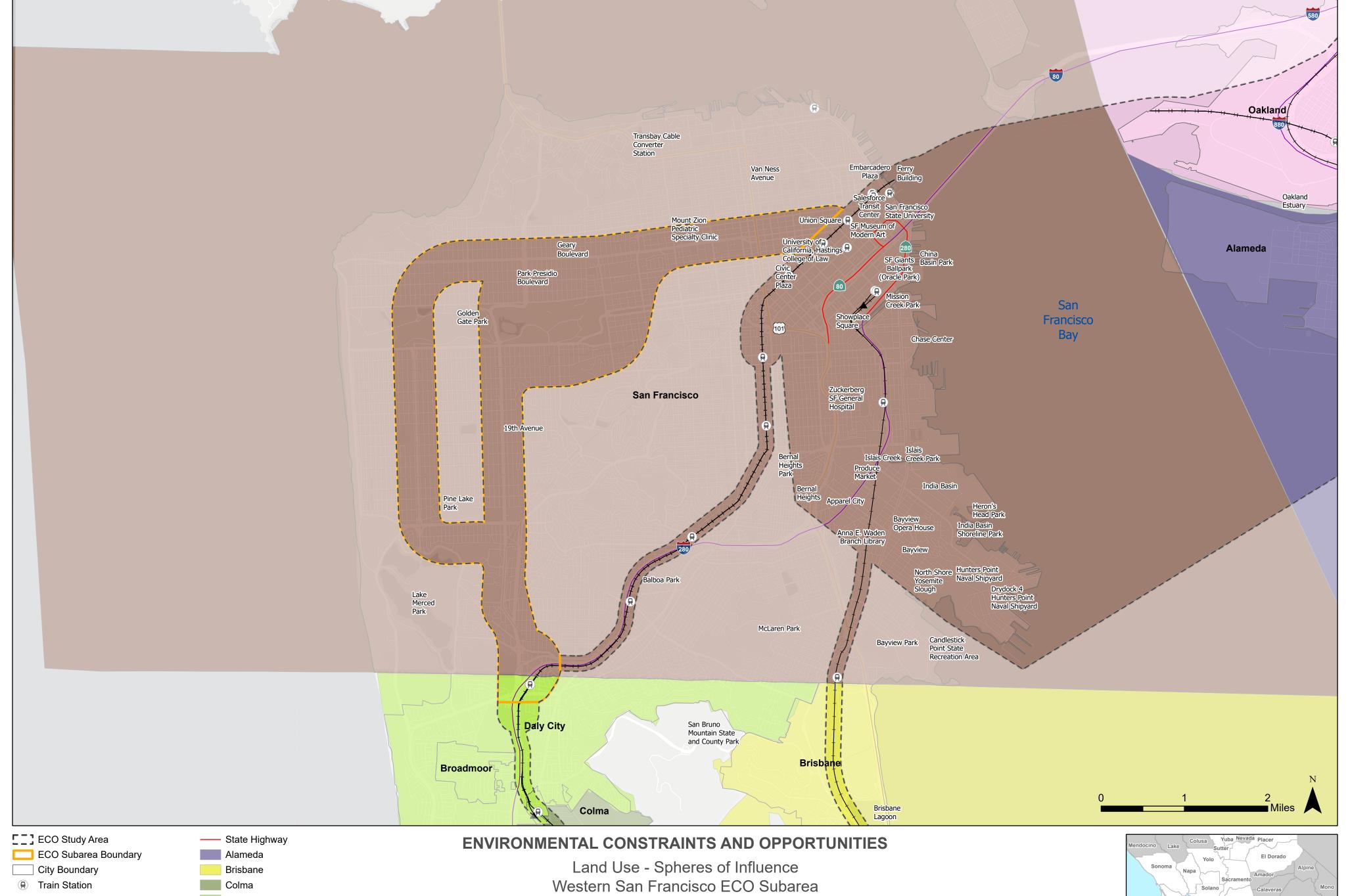
Land Use - Important Farmland Western San Francisco ECO Subarea Panel 1 of 1

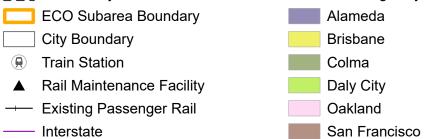


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Panel 1 of 1

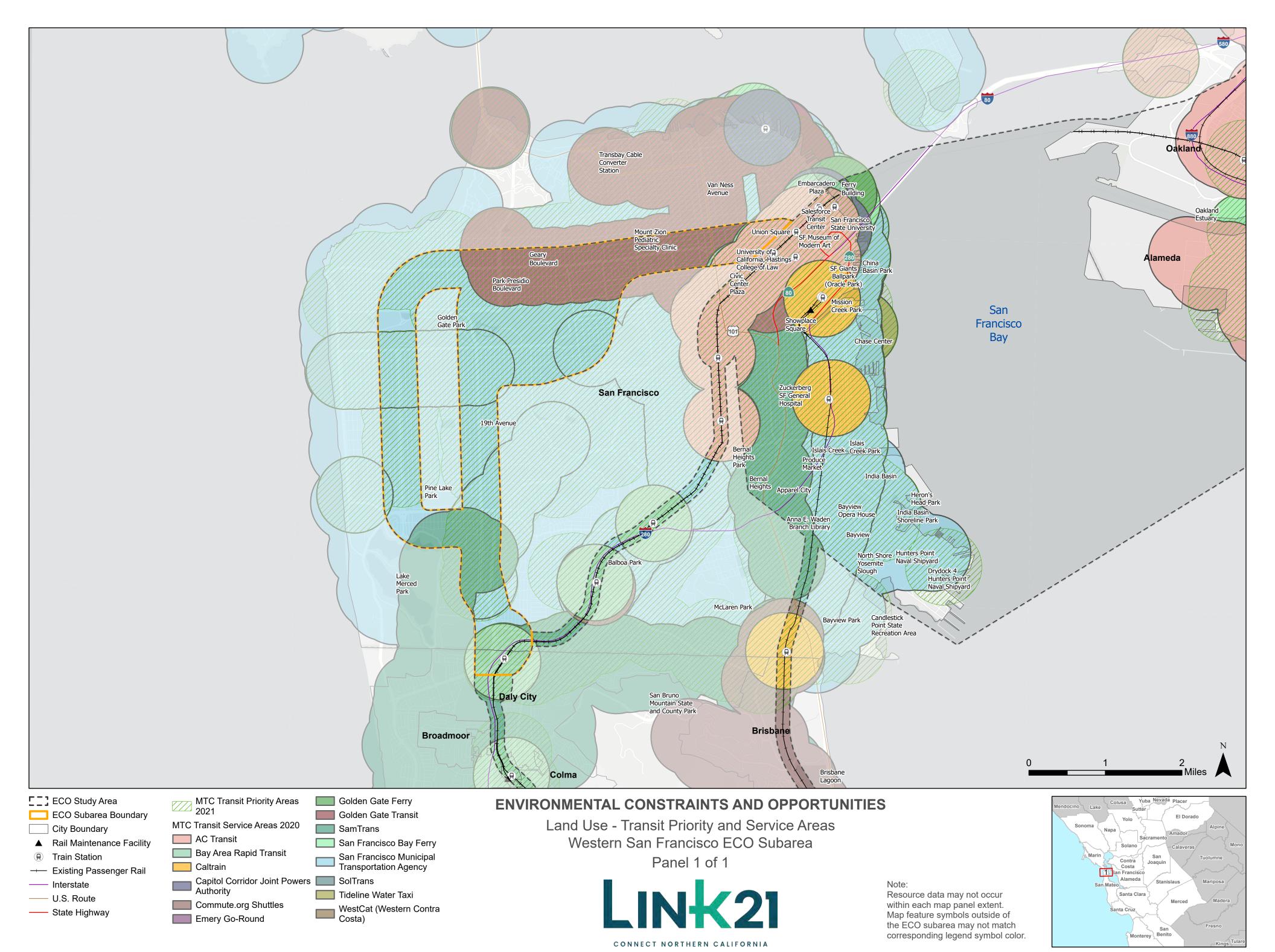


Click here to comment

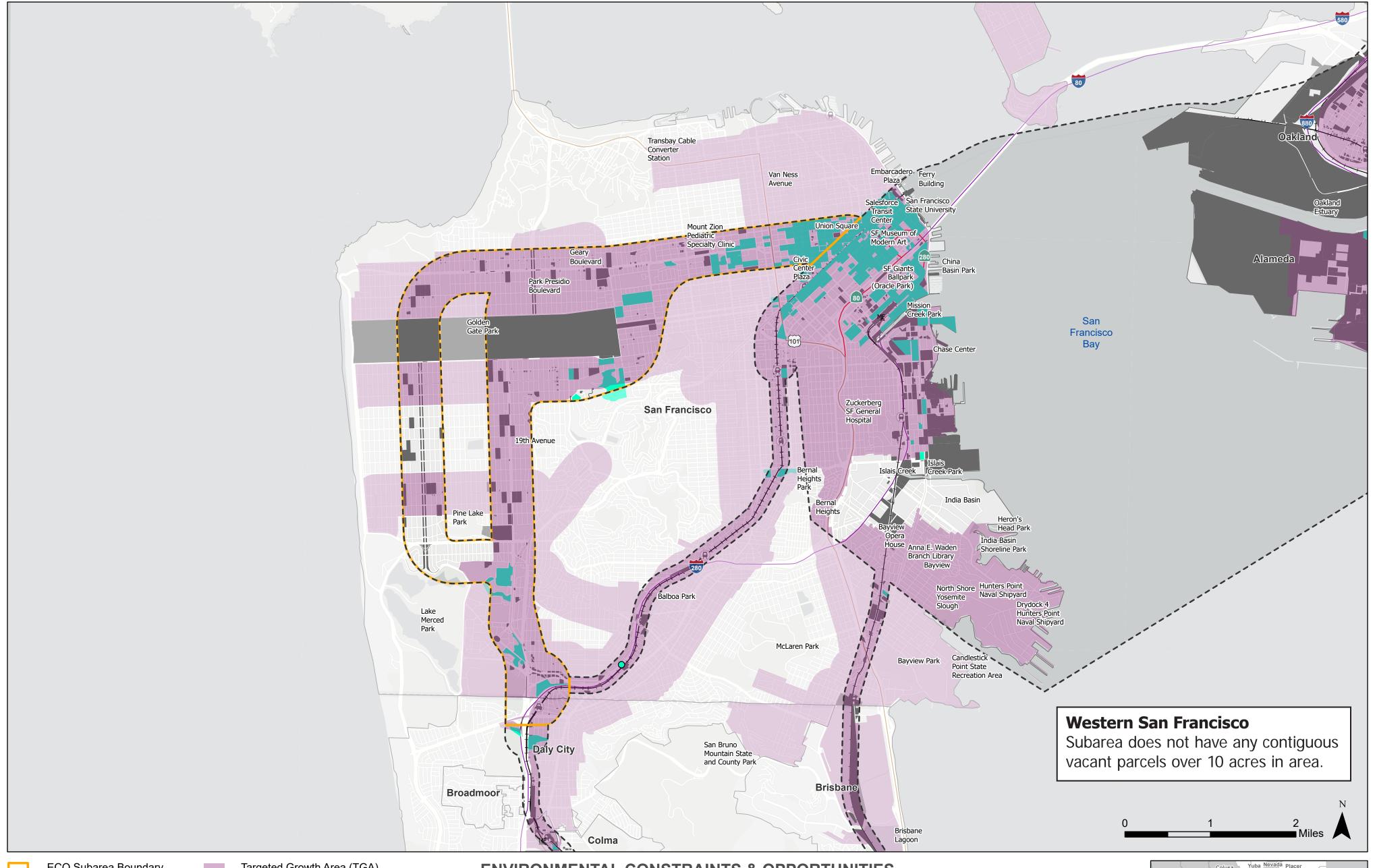
Note: Resource data may not occur within each map panel extent. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.

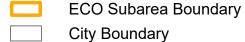


--- U.S. Route



Click here to comment





Existing Passenger Rail

Train Station Rail Maintenance Facility

Interstate

U.S. Route State Highway Targeted Growth Area (TGA)

Higher Density Areas (In TGA) Higher Density Areas (Outside TGA)

Lower Density Areas (In TGA)

Lower Density Areas (Outside TGA) Greater than 10 Acres of Vacant Land (Inside the Targeted Growth Area)

Greater than 10 Acres of Vacant Land (Outside the Targeted Growth Area)

*Targeted Growth Areas: Areas positioned for strategic development as determined by the local Municipal Planning Organization *Higher Density Areas: Areas that either house or employ over 500 people

*Low Density Areas: Areas with rural or low intensity land uses such as rural residential and warehouses (excludes open space, park, and cemetery uses) Source: UrbanFootprint Analyst, Land Use Parcel Data; Esri Data Atlas

ENVIRONMENTAL CONSTRAINTS & OPPORTUNITIES

Land Use Analysis Western San Francisco ECO Subarea Panel 1 of 1



Click here to comment

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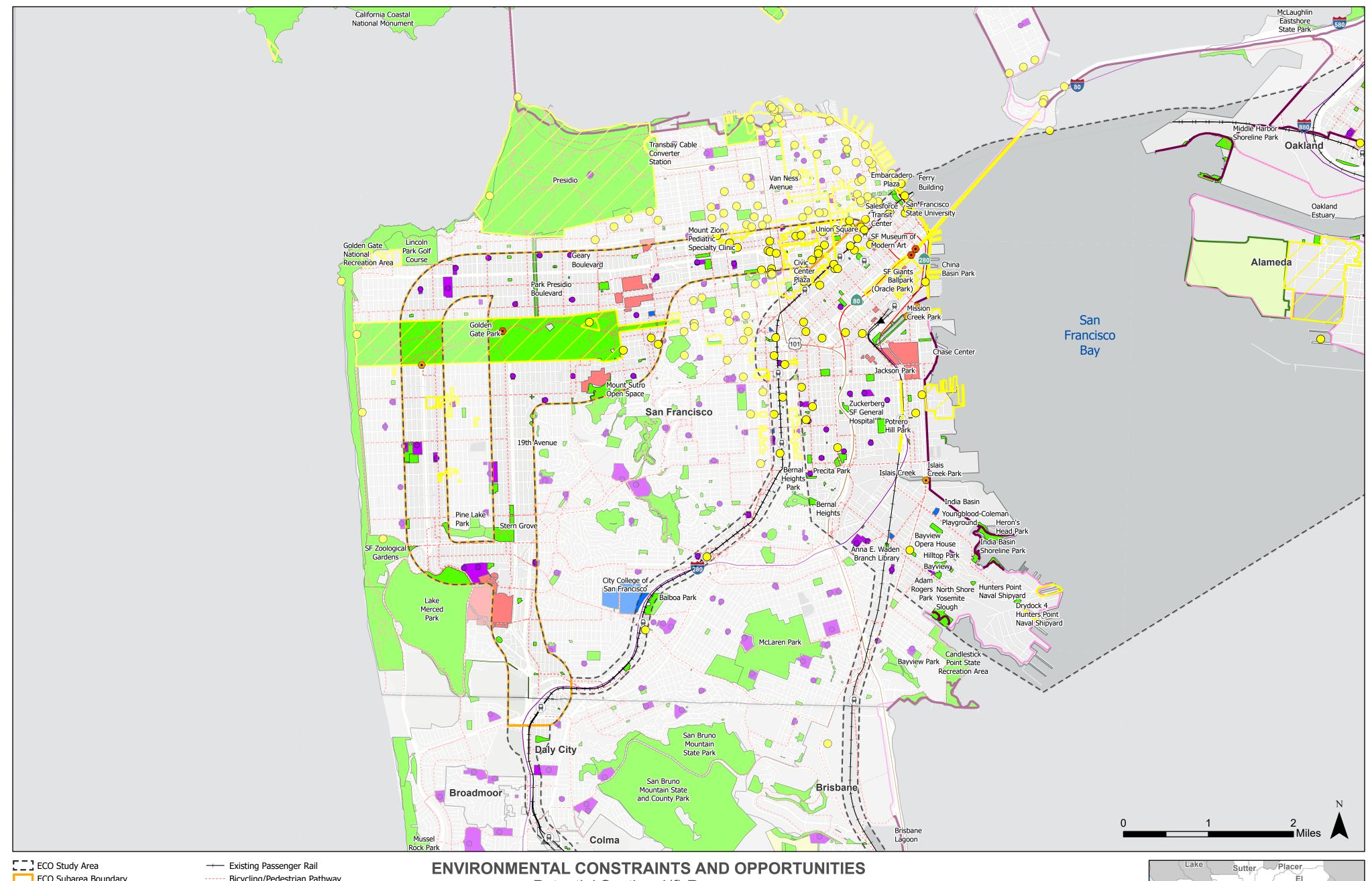
Source: GreenInfo Network 2021, CDFW 2021, MTC 2022, Sacramento, San Francisco, San Joaquin, San Mateo, Santa Clara, Solano, Yolo Counties 2021

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Resource data may not occur within each map panel extent. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.







— U.S. Route

State Highway

Existing Passenger Rail
 Bicycling/Pedestrian Pathway
 San Francisco Bay Trail - Existing
 San Francisco Bay Trail - Proposed
 State Bridge - Listed in the National Register
 Local Bridge - Eligible for National Register listing

Public School K-12 Location
 Individual NRHP - Eligible or Listed Built Environment Properties

Rail Maintenance FacilityTrain Station

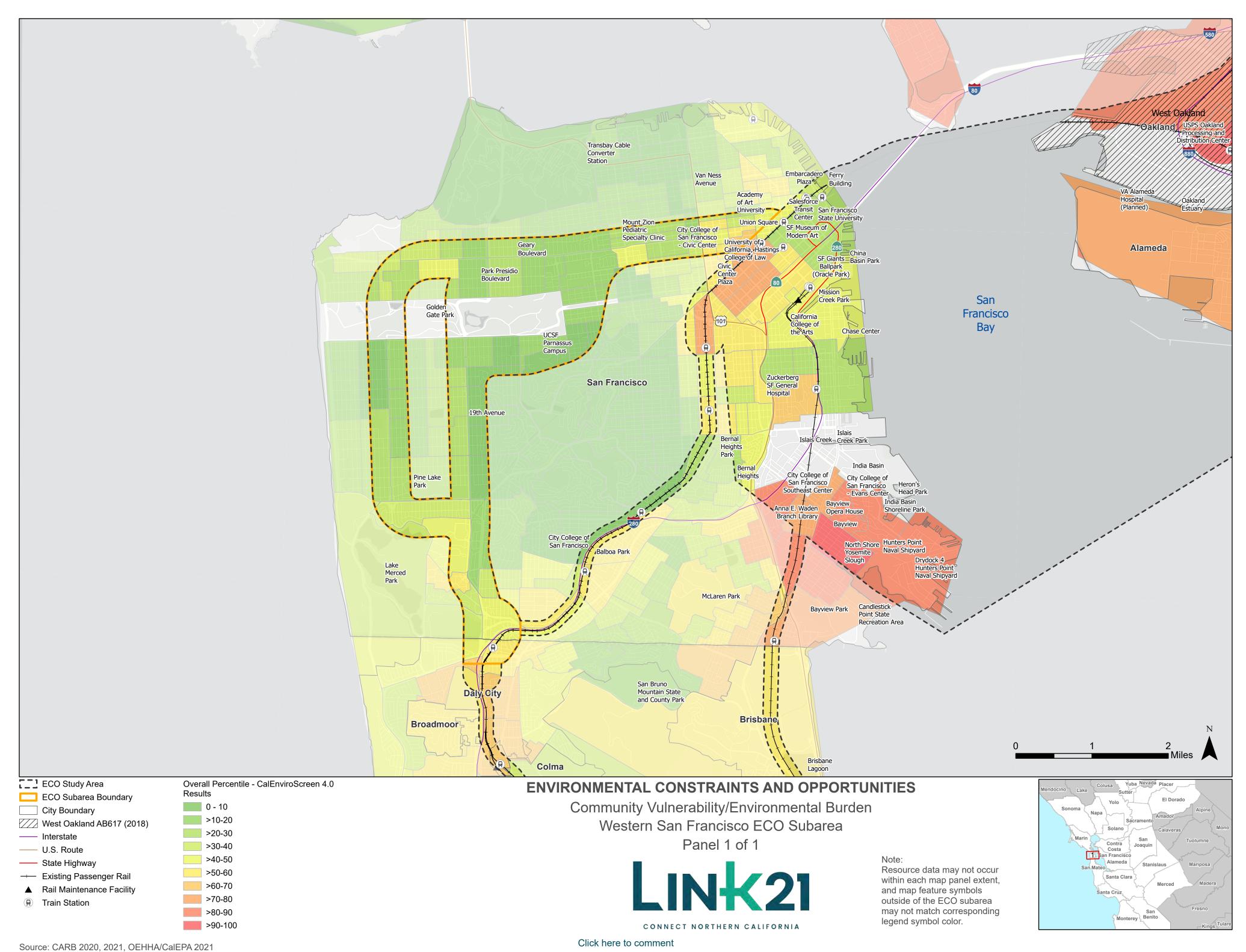
Potential Section 4(f) Resources
Western San Francisco ECO Subarea
Panel 1 of 1

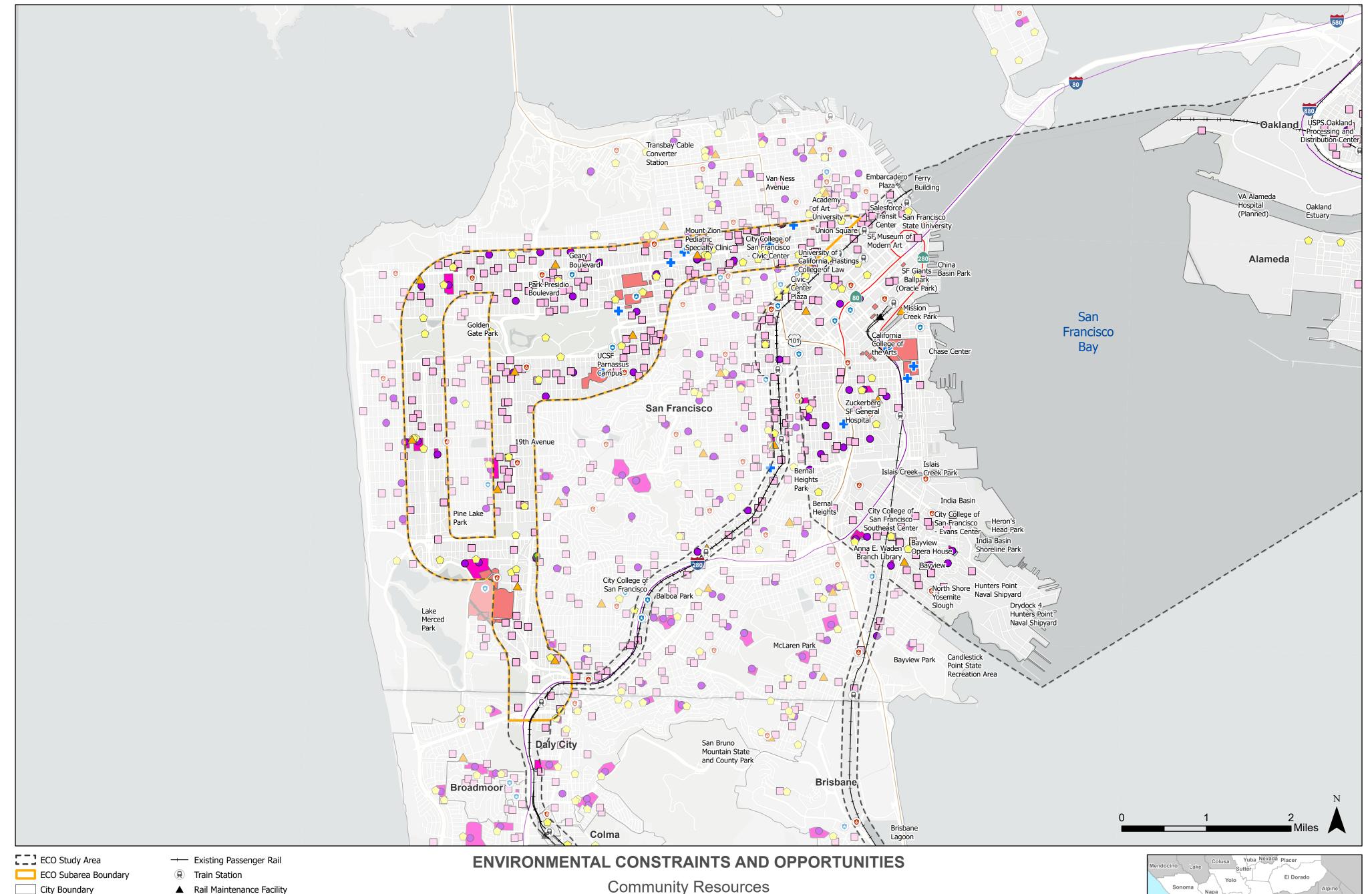


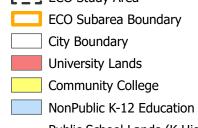
Click here to comment

Note: Resource data may not occur within each map panel extent. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color. NRHP-eligible built environment resources depicted on this map reflect publicly available datasets as described in the ECO report. The California Historical Resource Information System contains additional NRHP-eligible built environment resources that will be identified during subsequent phases of program development.









NonPublic K-12 Education Lands Public School Lands (K-Higher Education) — Interstate — U.S. Route ---- State Highway

Public School K-12 Location

Medical Facilities Library

■ Faith-based Facilities

Research Facilities Emergency Shelter (FEMA) Local Law Enforcement

Fire Stations

Community Resources Western San Francisco ECO Subarea

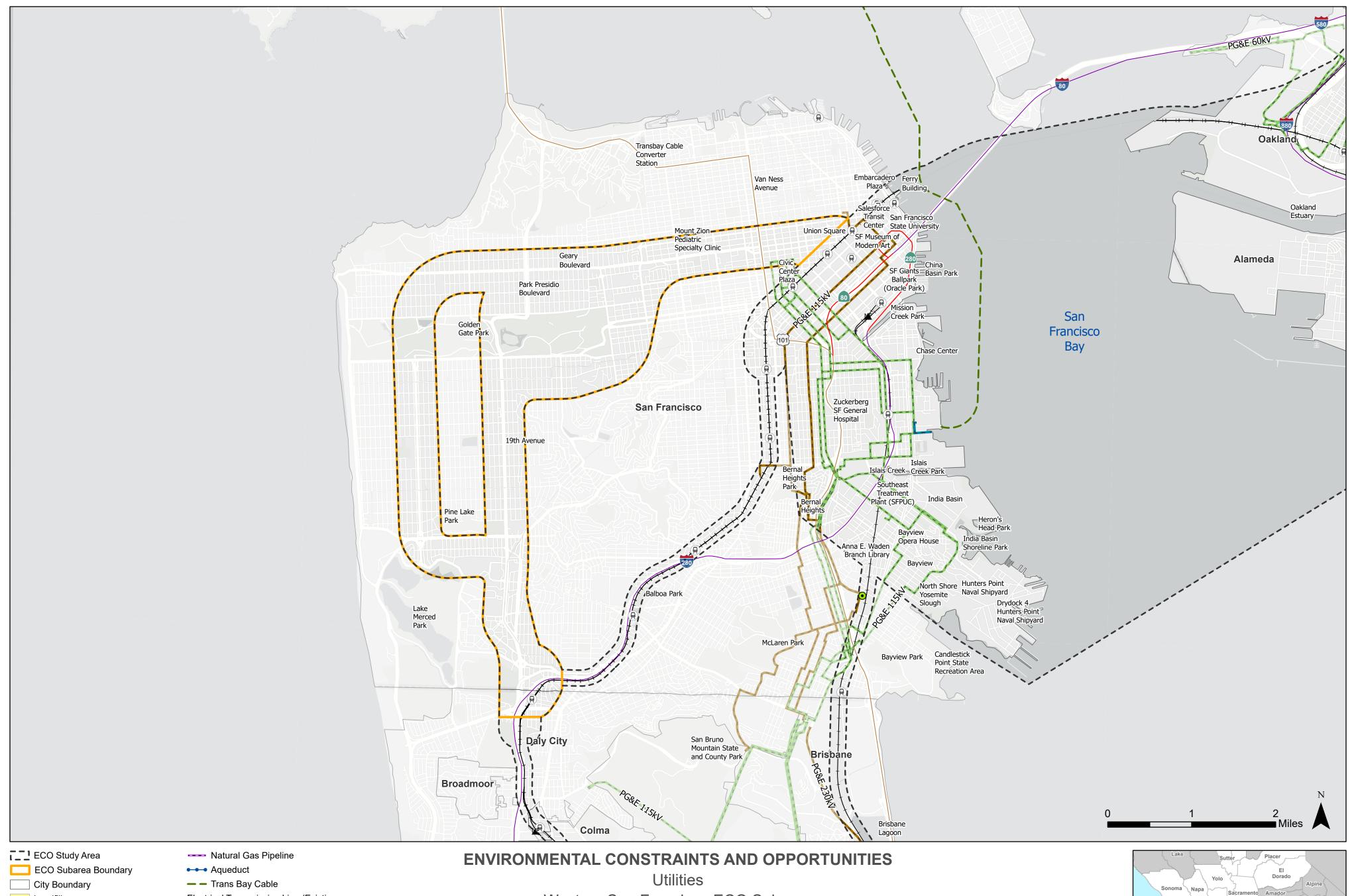
Panel 1 of 1



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Note: Resource data may not occur within each map panel extent. For faith-based facilities the dataset includes all registered facilities which may not necessarily be a place-of-worship. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color





Landfill — Interstate

U.S. Route

— State Highway Train Station

▲ Rail Maintenance Facility --- Existing Passenger Rail

Electrical Transmission Line (Existing or Planned)

--- Overhead

--- Underground --- Underwater

• Wastewater Treatment Plant

Power Plant • Egbert Switching Station (Planned)

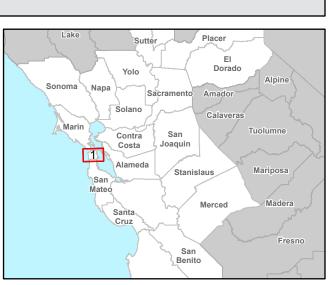
Western San Francisco ECO Subarea

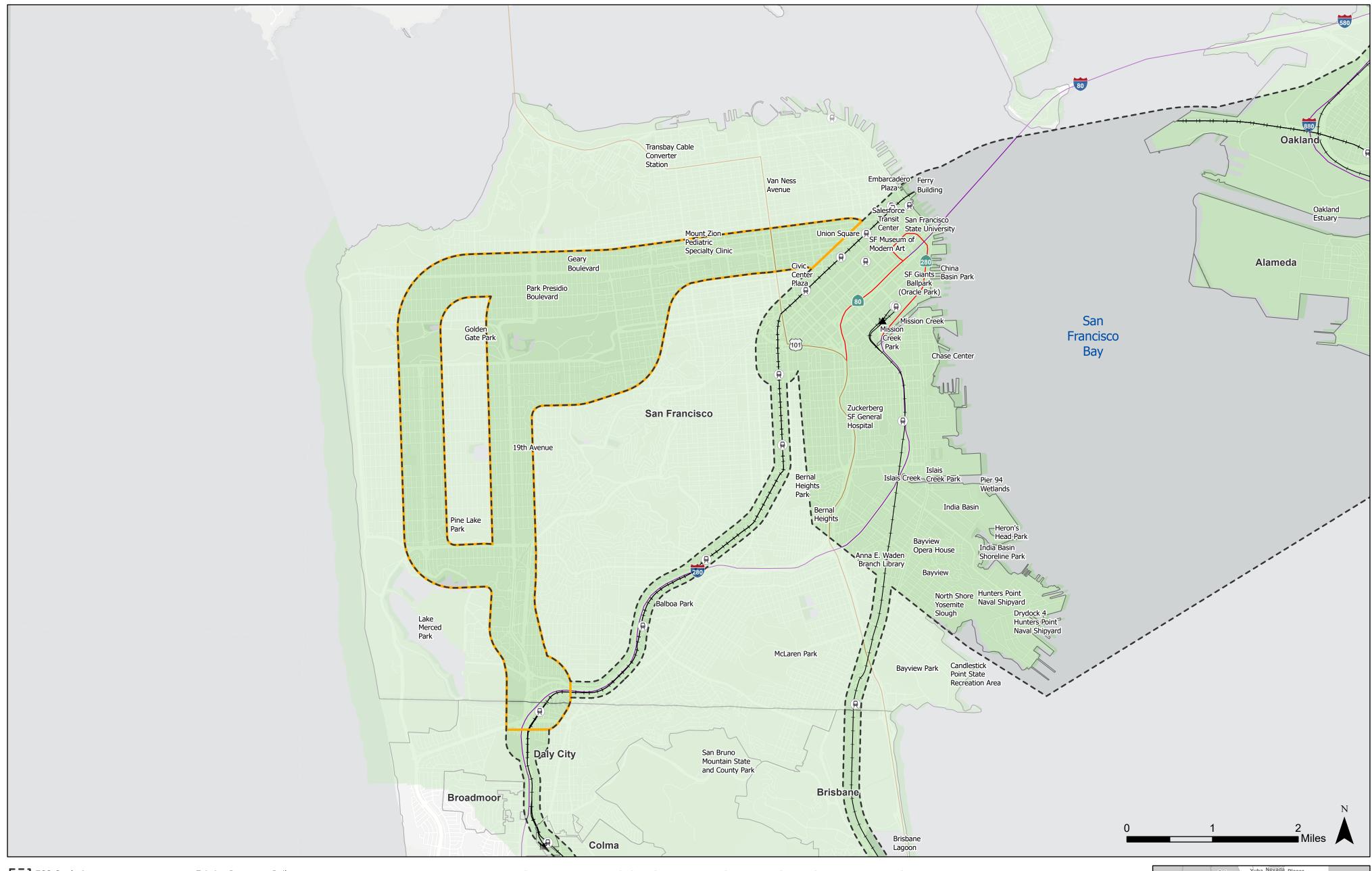
Panel 1 of 1

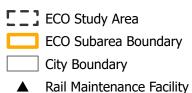
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Note: Resource data may not occur within each map panel extent.
Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.







Train Station

Existing Passenger Rail
 Interstate
 U.S. Route
 State Highway
 California Coastal Chaparral Forest and Shrub

ENVIRONMENTAL CONSTRAINTS AND OPPORTUNITIES

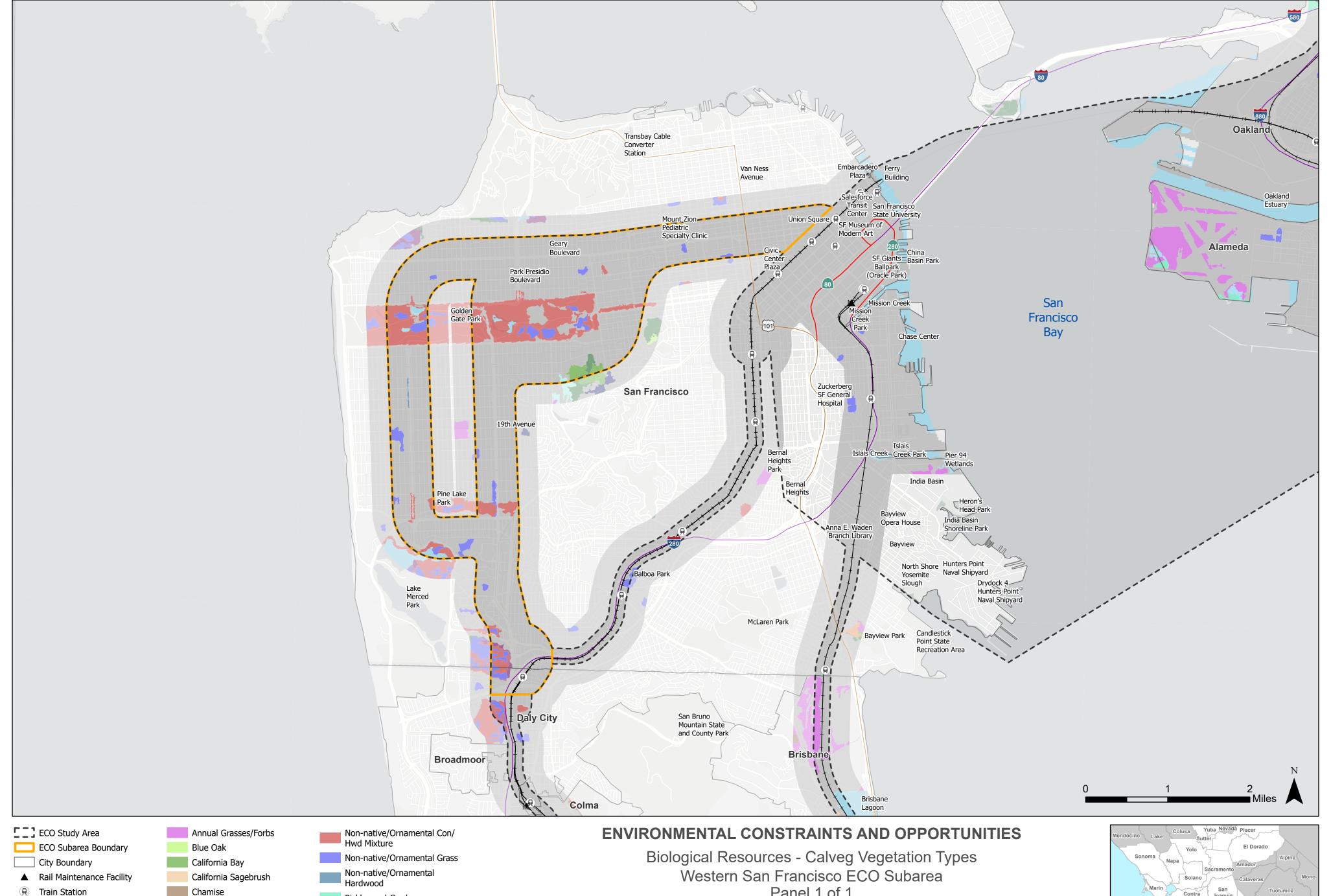
Biological Resources - Calveg Ecoregions Western San Francisco ECO Subarea Panel 1 of 1



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Note:
Map feature symbols outside
of the ECO subarea may not
match corresponding legend
symbol colors. Resource data
may not occur within each map
panel extent.





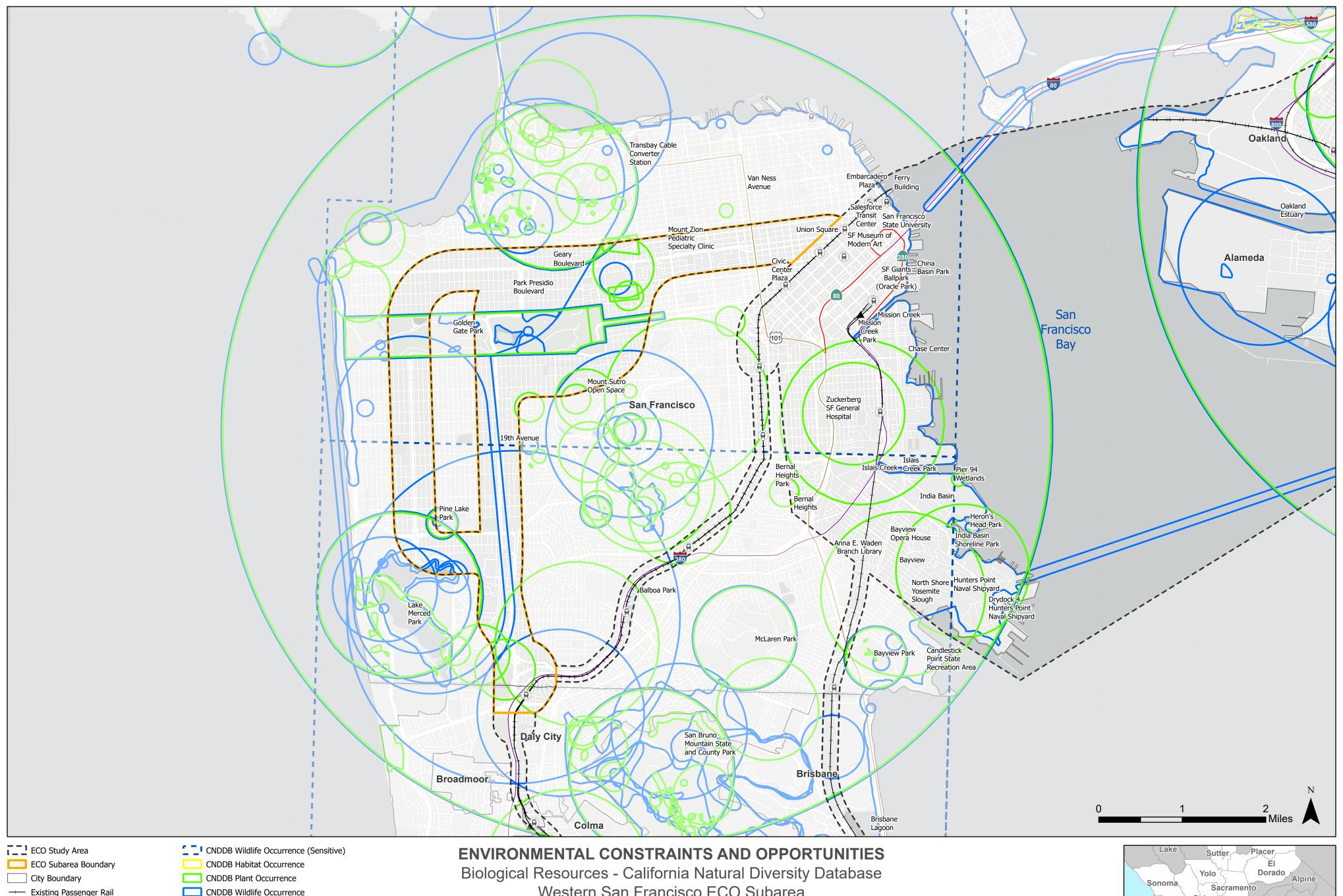


Panel 1 of 1



Map feature symbols outside of the ECO subarea may not match corresponding legend symbol colors. Resource data may not occur within each map panel extent.





--- Existing Passenger Rail ---- Interstate — U.S. Route

State Highway ▲ Rail Maintenance Facility

Train Station

Western San Francisco ECO Subarea Panel 1 of 1



Click here to comment

corresponding legend symbol colors Resource data may not occur within

Solano

Contra San

Costa Joaquin Alameda Stanislaus

Marin

Mateo

Santa

Cruz

Calaveras

Merced

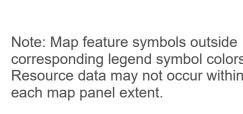
San

Benito

Mariposa

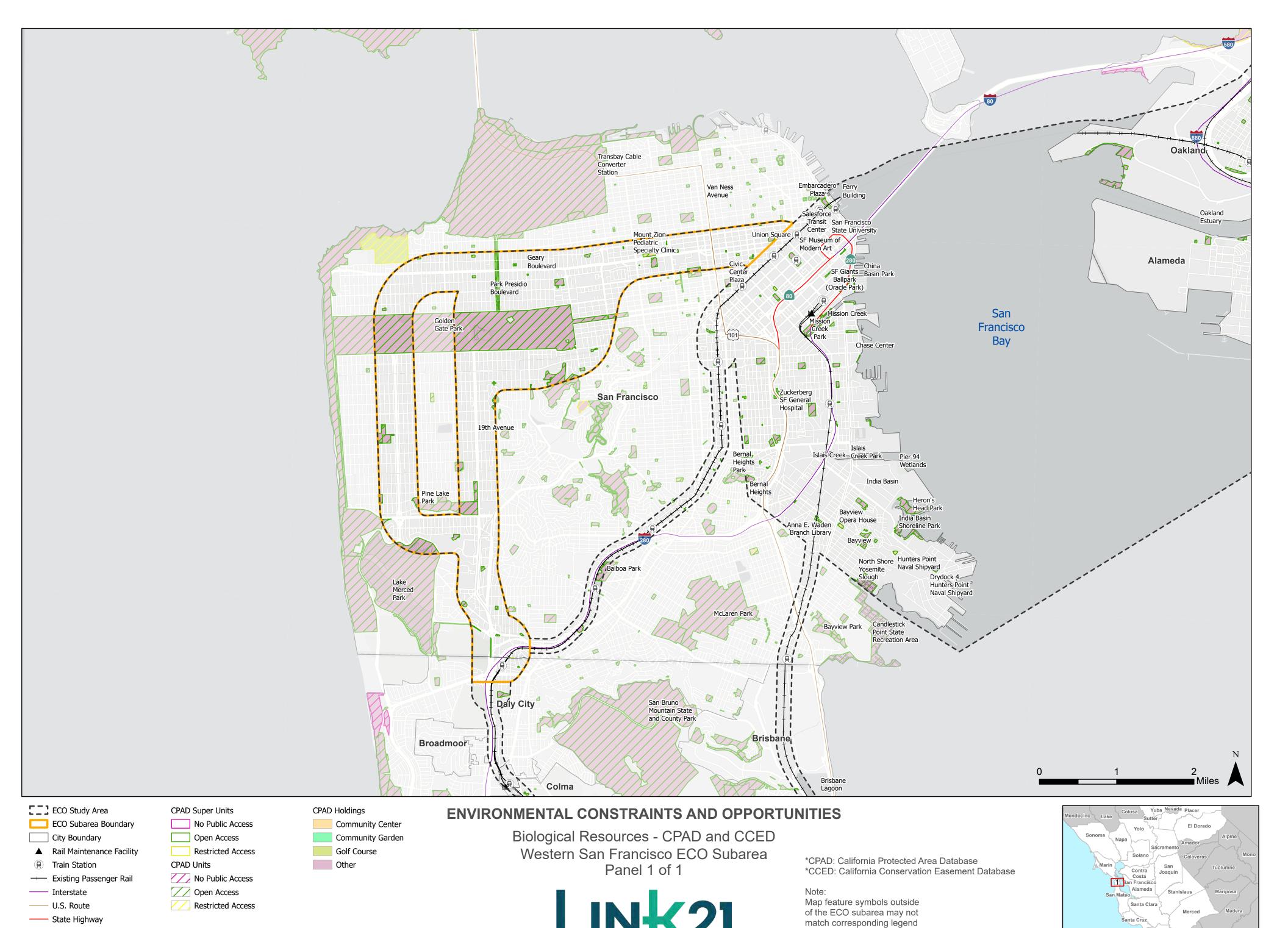
Madera

Fresno



Note: Element Occurrences (EO's) flagged as 'Sensitive' have restricted/suppressed location-specific data and are therefore shown at USGS Quad level.

Source: California Department of Fish & Wildlife 2021



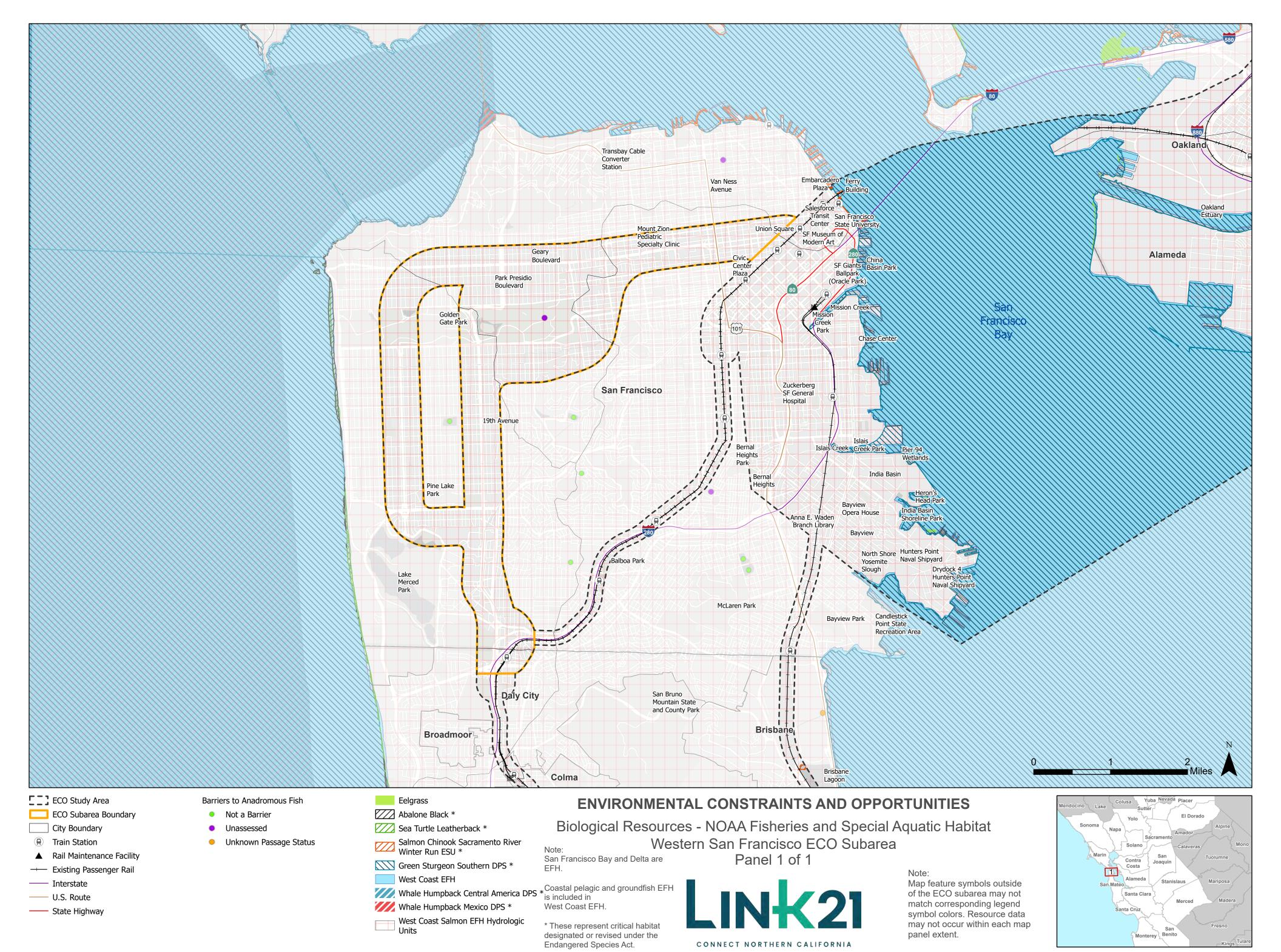
CONNECT NORTHERN CALIFORNIA

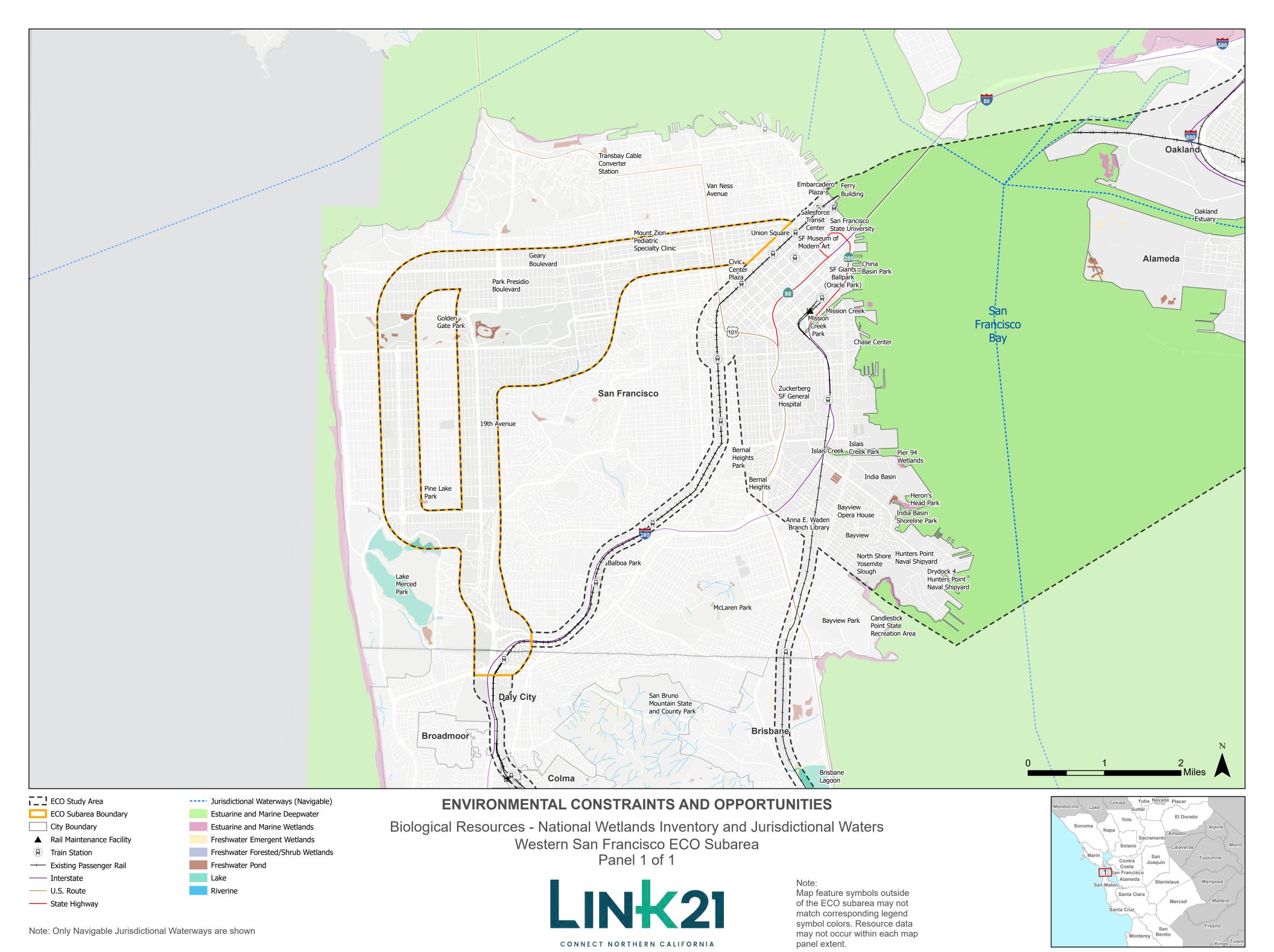
Click here to comment

symbol colors. Resource data may not occur within each map

panel extent.

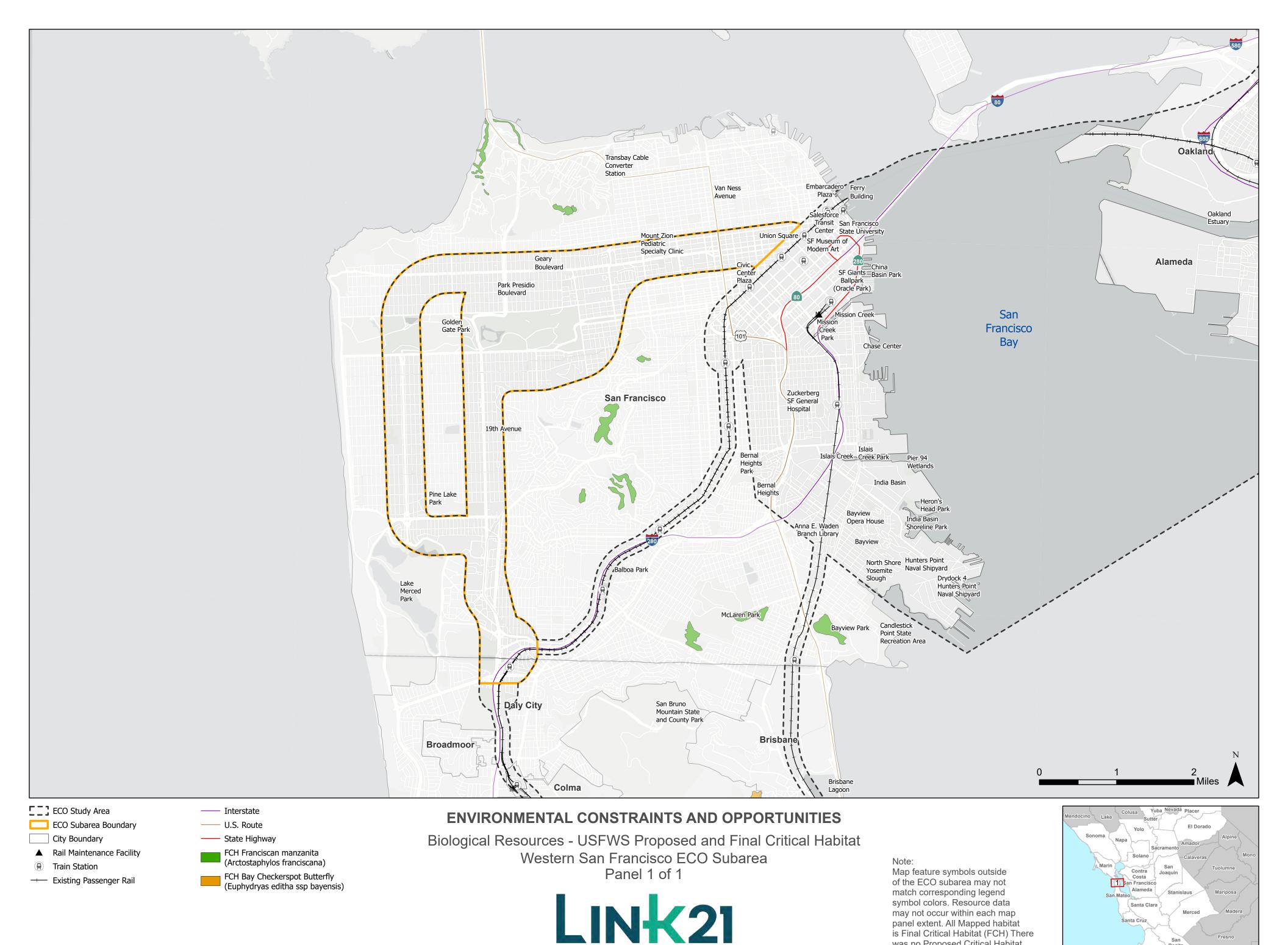
Source: GreenInfo Network 2021





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Source: U.S. Fish and Wildlife Service 2020

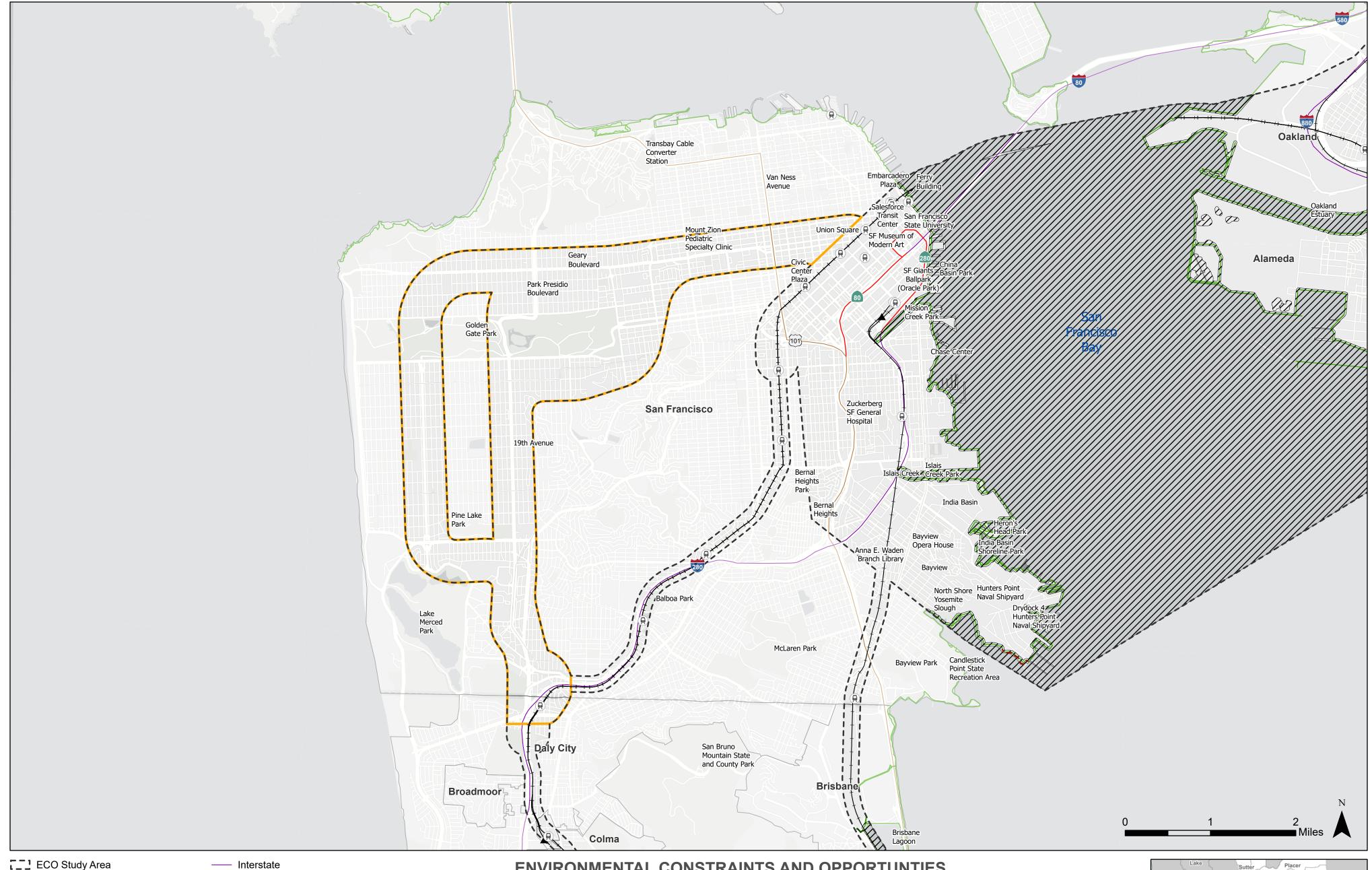


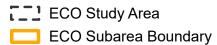
Click here to comment

panel extent. All Mapped habitat is Final Critical Habitat (FCH) There was no Proposed Critical Habitat mapped within the study area.



Source: U.S. Fish and Wildlife Service 2021





City Boundary

— State Highway San Francisco Bay Conservation and — Existing Passenger Rail

Development Commission Estimated — Train Station Train Station Jurisdiction ▲ Rail Maintenance Facility

— U.S. Route

— San Francisco Bay Shoreline

--- Levee System

ENVIRONMENTAL CONSTRAINTS AND OPPORTUNTIES

Permitting - BCDC Jurisdiction Western San Francisco ECO Subarea Panel 1 of 1

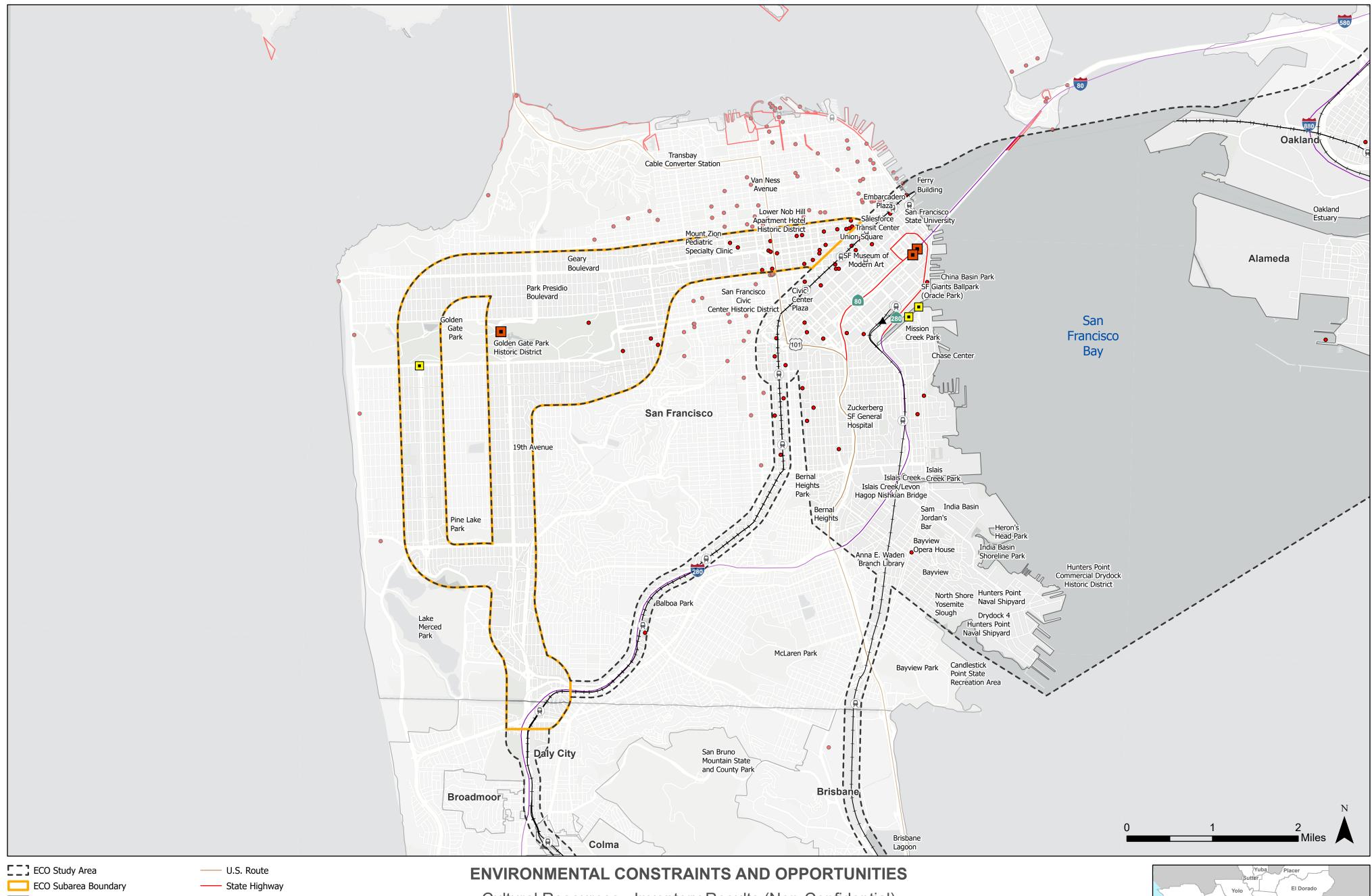


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Resource data may not occur within each map panel extent.

Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.





City Boundary

▲ Rail Maintenance Facility

Train Station

--- Existing Passenger Rail

— Interstate

Individual NRHP - Eligible or Listed Built Environment Properties

Note:

methods text.

Map feature symbols outside of the

corresponding legend symbol colors.

Resource data may not occur within

each map panel extent. Record search

ECO subarea may not match

data is currently incomplete per

NRHP - Eligible or Listed Districts

Caltrans Historic Bridge Inventory

Listed in the National Register Eligible for National Register Listing Cultural Resources - Inventory Results (Non-Confidential) Western San Francisco ECO Subarea

Panel 1 of 1

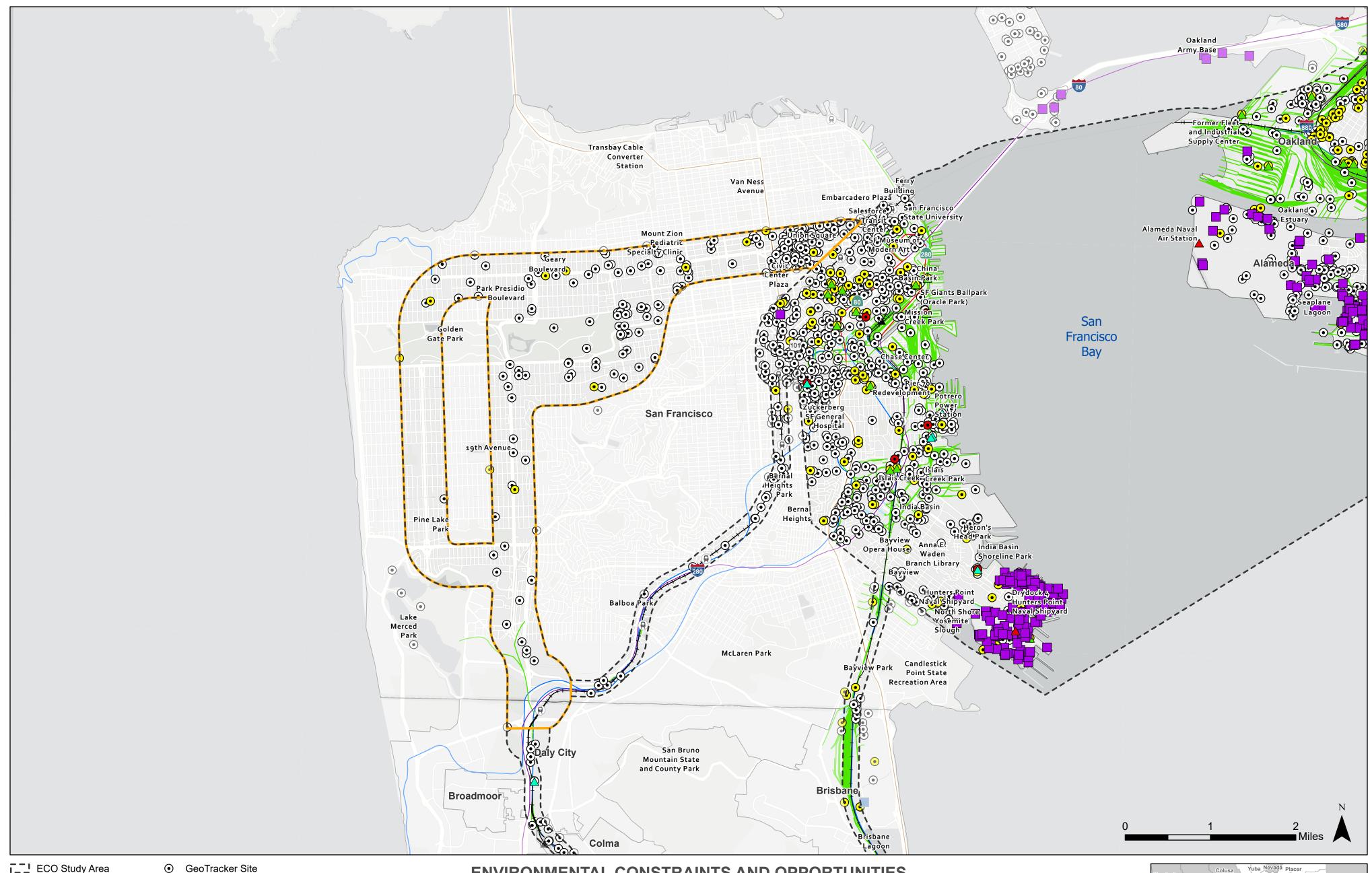
CONNECT NORTHERN CALIFORNIA

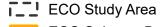
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Note:

The NRHP-listed and NRHP-eligible built environment resources depicted on this map reflect publicly available datasets as described in the ECO report. The California Historical Resource Information System contains additional NRHP-eligible built environment resources that will be identified during subsequent phases of program development.







ECO Subarea Boundary City Boundary

--- Interstate

— U.S. Route

— State Highway

— Existing Passenger Rail Existing and Abandoned Rail

Main Line

Other

Yard

EnviroStor Site Corrective Action Site

Brownfield Site

Land Use Restriction Oil Refinery

National Priority List Sites Military Cleanup Site

▲ Rail Maintenance Facility Train Station

ENVIRONMENTAL CONSTRAINTS AND OPPORTUNITIES

Hazardous Materials and Hazardous Waste Western San Francisco ECO Subarea Panel 1 of 1

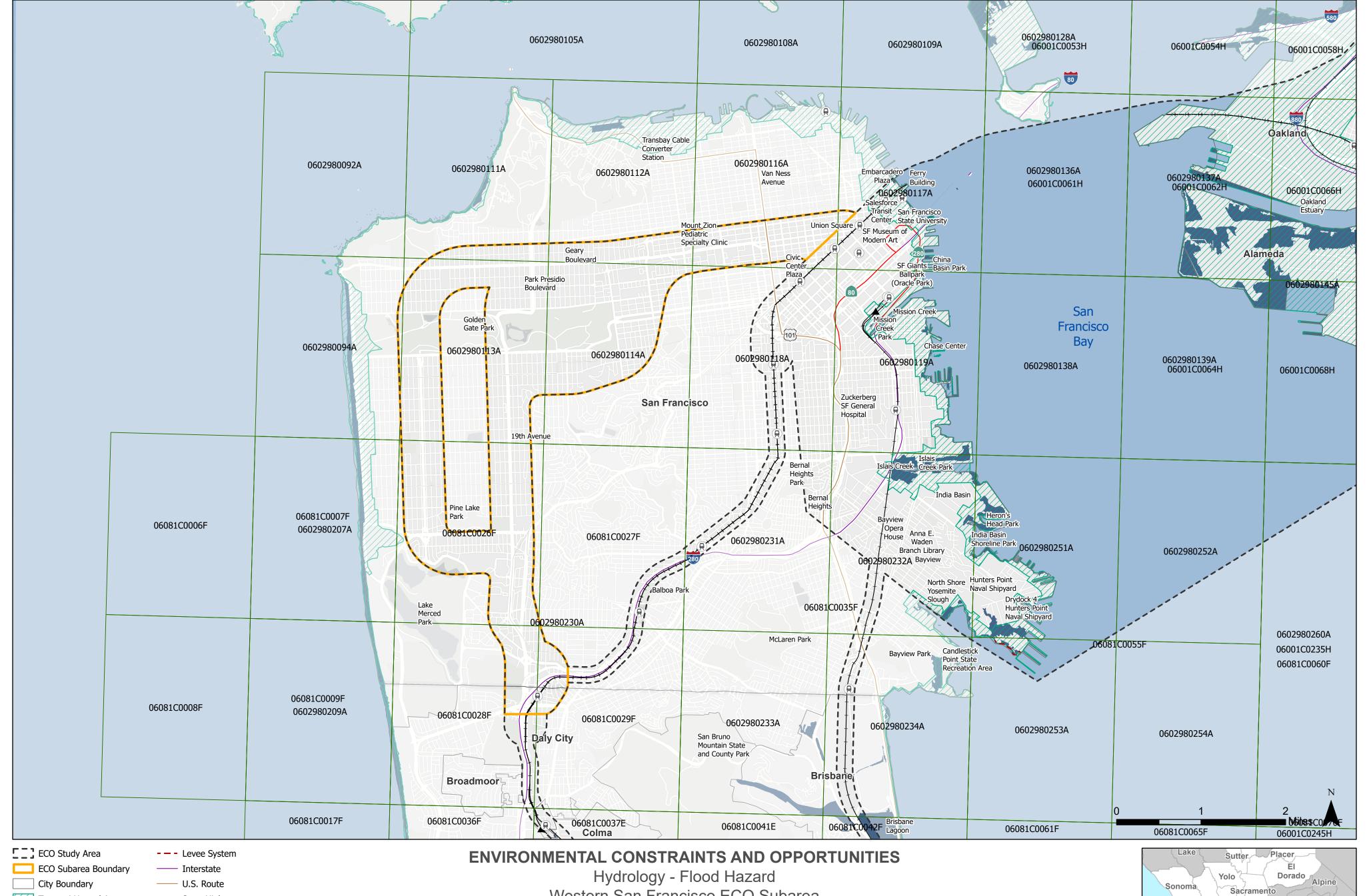


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Note:

Resource data may not occur within each map panel extent, and map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.







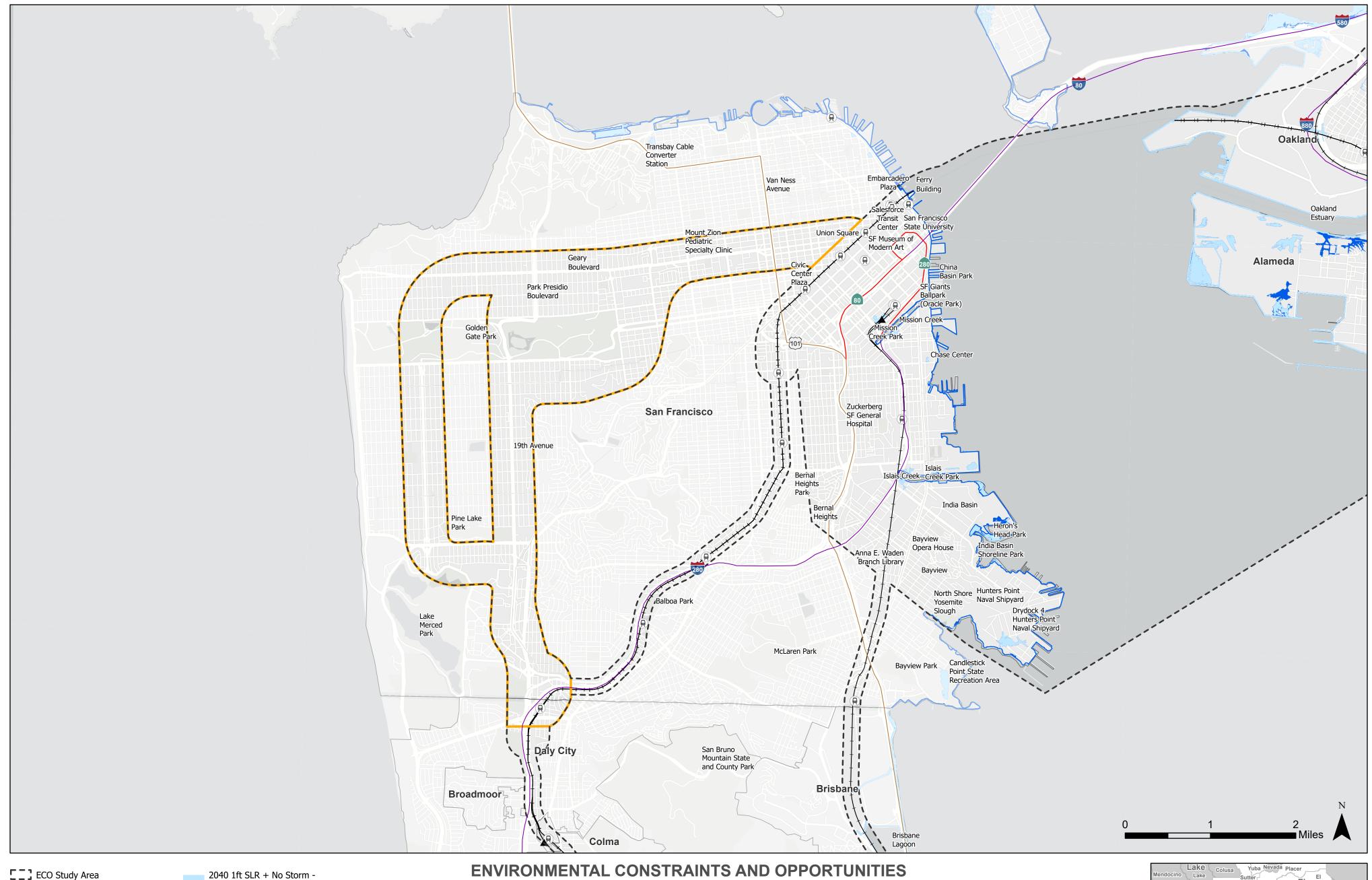
Western San Francisco ECO Subarea Panel 1 of 1



Notes:

Resource data may not occur within each map panel extent. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.







ECO Subarea Boundary

City Boundary — Interstate

— U.S. Route

— State Highway ▲ Rail Maintenance Facility

Train Station

--- Existing Passenger Rail

Medium-High (1.3ft)* 2040 2ft SLR + No Storm - H++

Sea Level Rise - Approximate 2040 Scenarios Western San Francisco ECO Subarea Panel 1 of 1

*Closest ART scenario to the calculated SLR projection.

SLR Label Key (2040 A ft SLR + B - C (D ft))

A = Mapped SLR elevation B = Storm or no storm

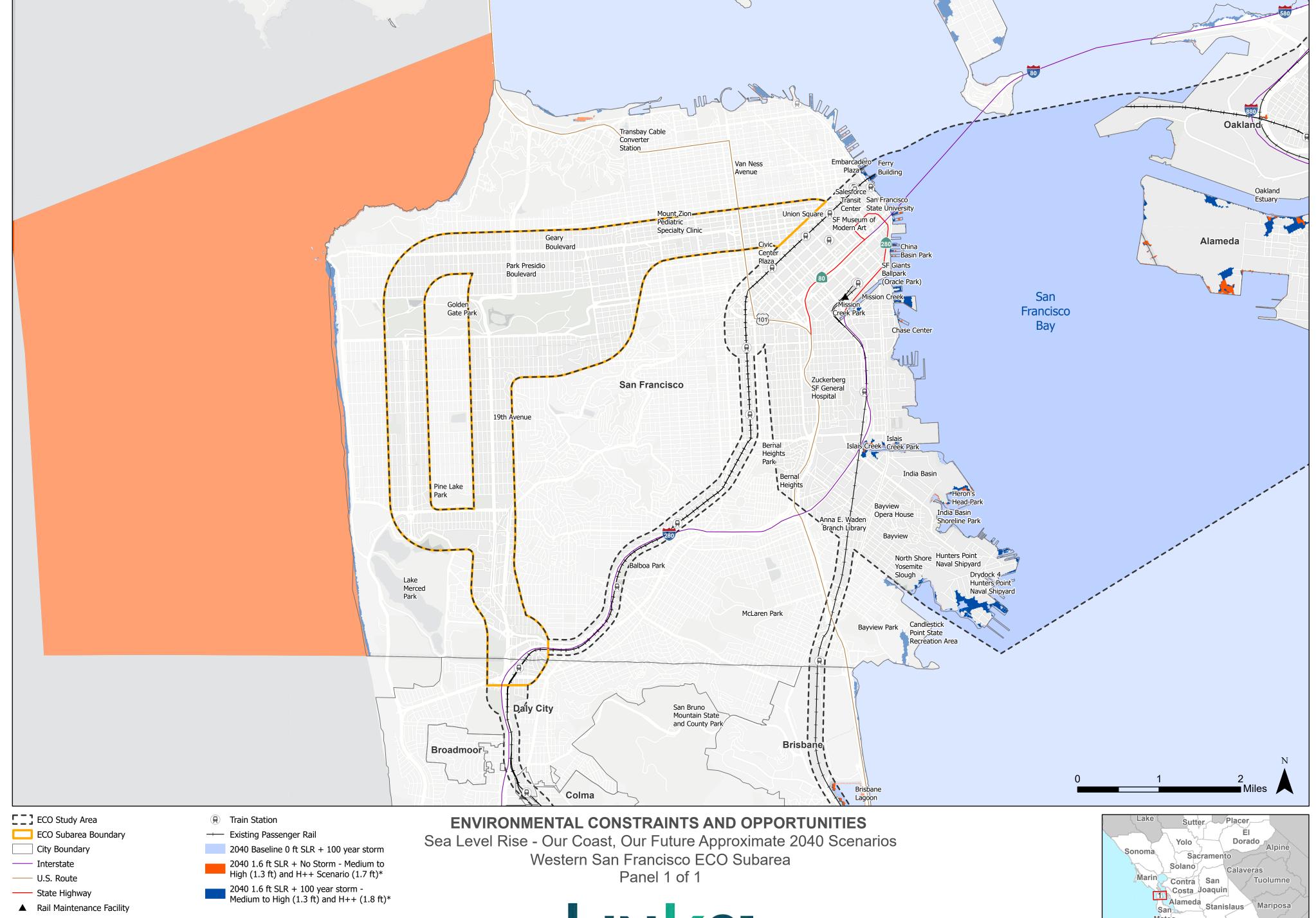
C = SLR scenario D = State guidance projections for scenario



Click here to comment

Note: Resource data may not occur within each map panel extent. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.





SLR Label Key (2040 A ft SLR + B - C (D ft) and C (D ft))

A = Mapped SLR elevation C = SLR scenario

B = Storm or no storm D = State guidance projections for scenario

LINK21 CONNECT NORTHERN CALIFORNIA

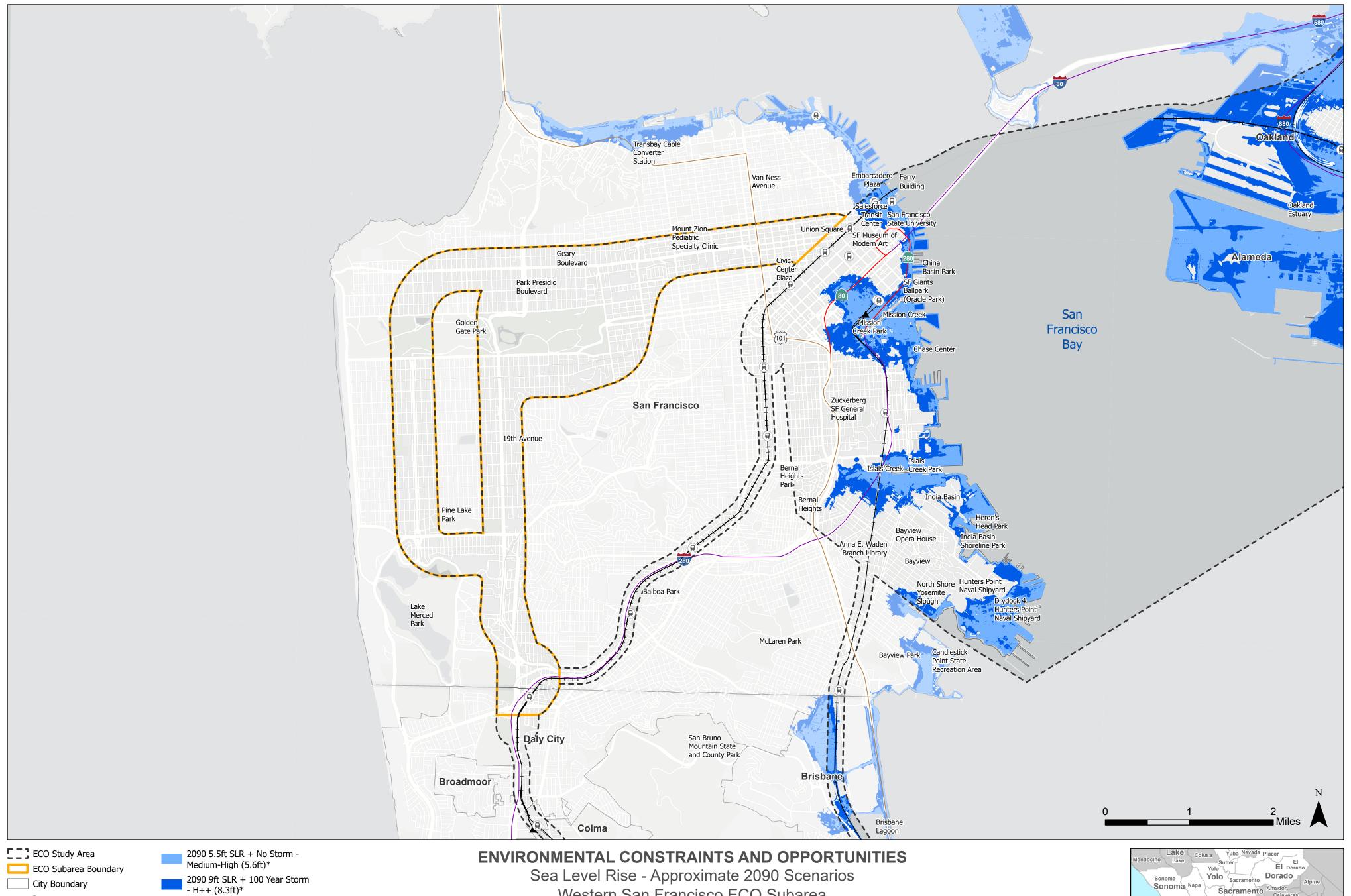
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Note: Resource data may not occur within each map panel extent. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color



*Closest OCOF scenario to the calculated

SLR projection.



---- Interstate — U.S. Route

— State Highway

--- Existing Passenger Rail

Train Station

▲ Rail Maintenance Facility

Western San Francisco ECO Subarea Panel 1 of 1

*Closest ART scenario to the calculated SLR projection.

SLR Label Key (2090 A ft SLR + B - C (D ft))

A = Mapped SLR elevation

B = Storm or no storm

C = SLR scenario D = State guidance projections for scenario

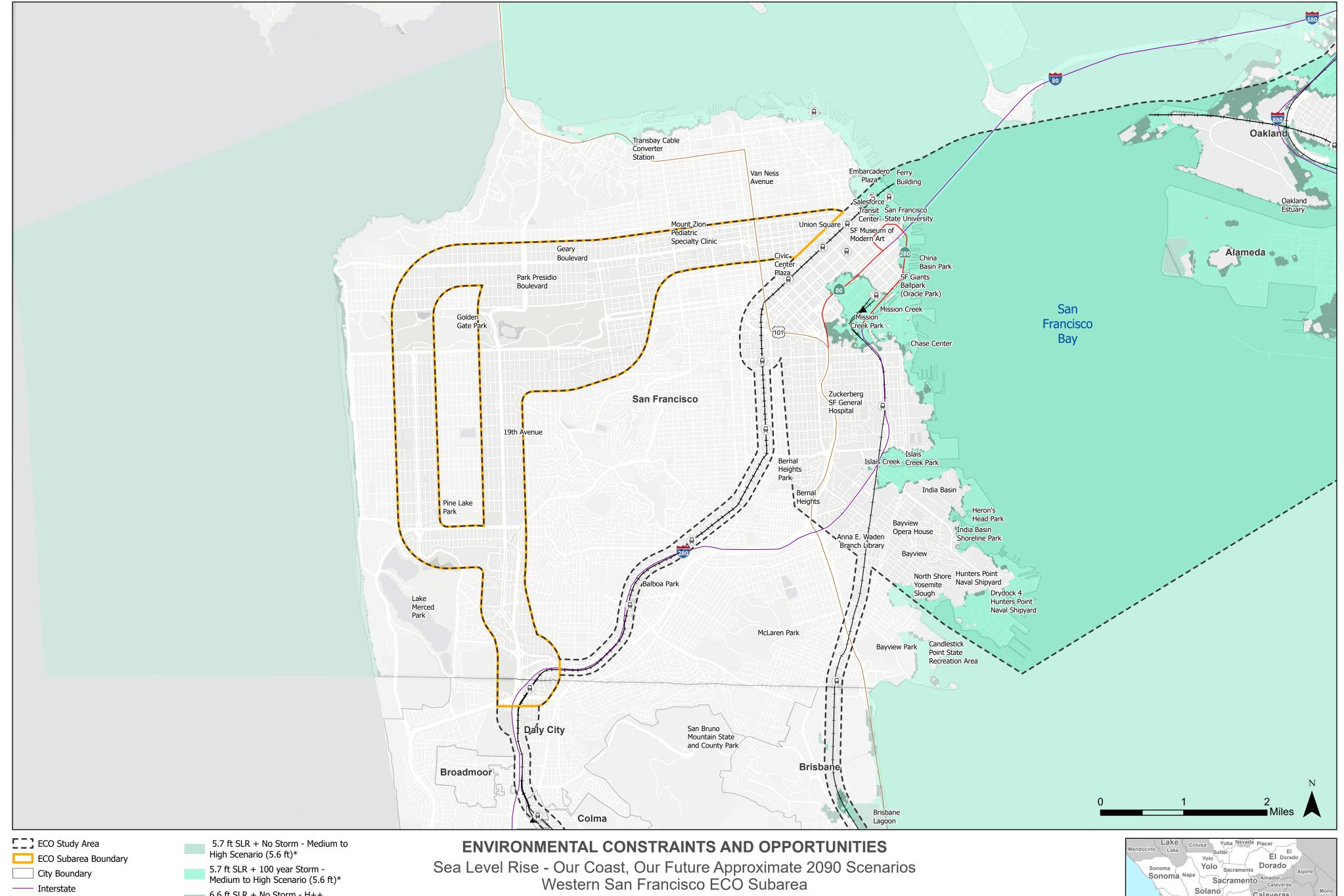


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Note: Resource data may not occur within each map panel extent.

Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.





— U.S. Route

— State Highway Train Station

--- Existing Passenger Rail

▲ Rail Maintenance Facility

6.6 ft SLR + No Storm - H++ Scenario (8.3 ft)*

6.6 ft SLR + 100yr Storm - H++ Scenario (8.3 ft)*

Panel 1 of 1

*Closest OCOF scenario to the calculated SLR projection.

SLR Label Key (2090 A ft SLR + B - C (D ft))

A = Mapped SLR elevation B = Storm or no storm

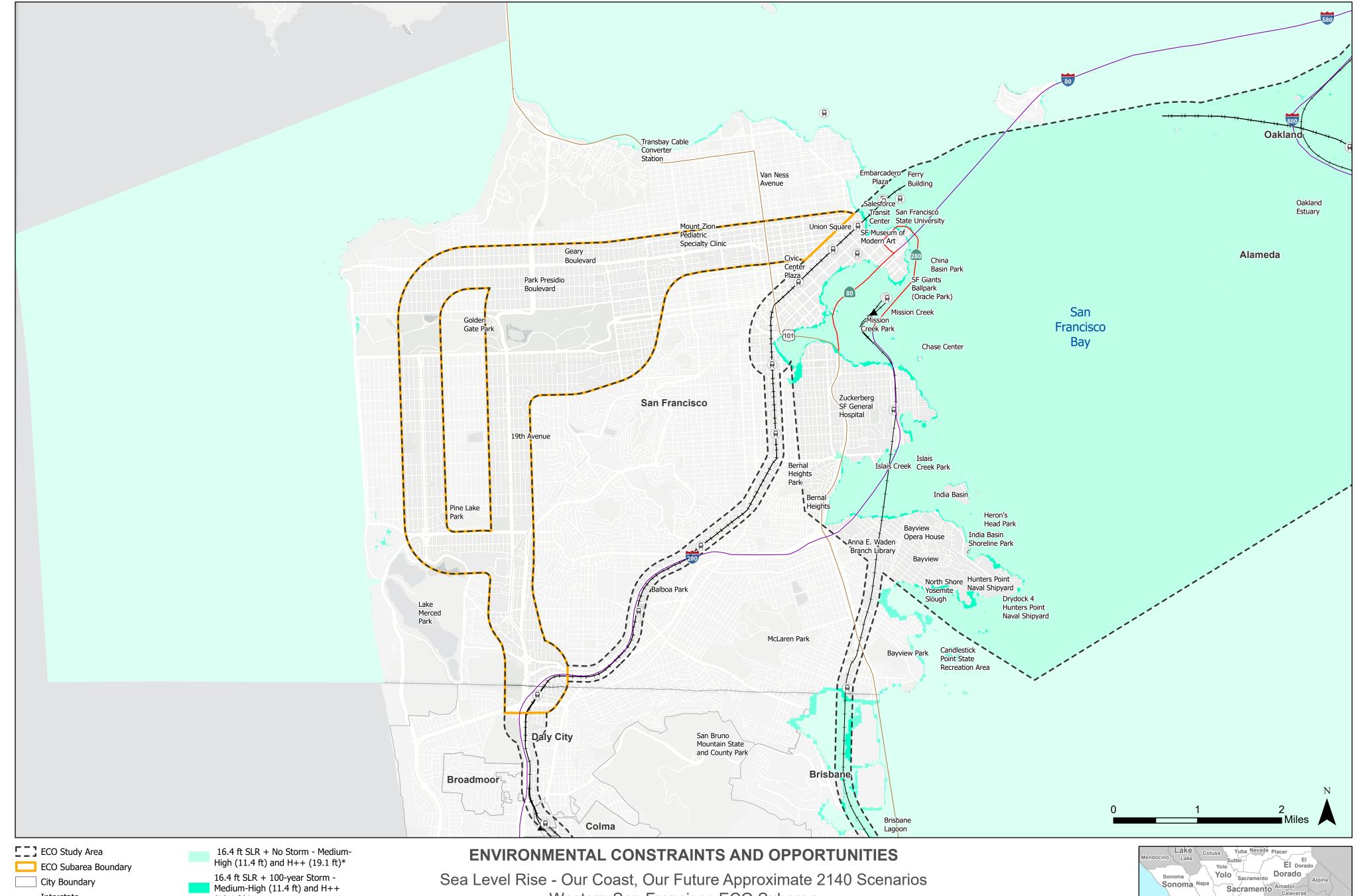
C = SLR scenario D = State guidance projections for scenario



Click here to comment

Note: Resource data may not occur within each map panel extent. Map feature symbols outside of the ECO subarea may not match corresponding legend symbol color.





---- Interstate — U.S. Route

—— State Highway

--- Existing Passenger Rail

Train Station

▲ Rail Maintenance Facility

(19.1 ft)*

Western San Francisco ECO Subarea Panel 1 of 1

*Closest OCOF scenario to the calculated SLR projection.

SLR Label Key (2140 **A** ft SLR + **B** - **C** (**D** ft))

A = Mapped SLR elevation

C = SLR scenario D = State guidance projections for scenario CONNECT NORTHERN CALIFORNIA

Resource data may not occur within each map panel extent.
Map feature symbols outside of the ECO subarea may not match

corresponding legend symbol color.



Source: Our Coast, Our Future 2019 Click here to comment