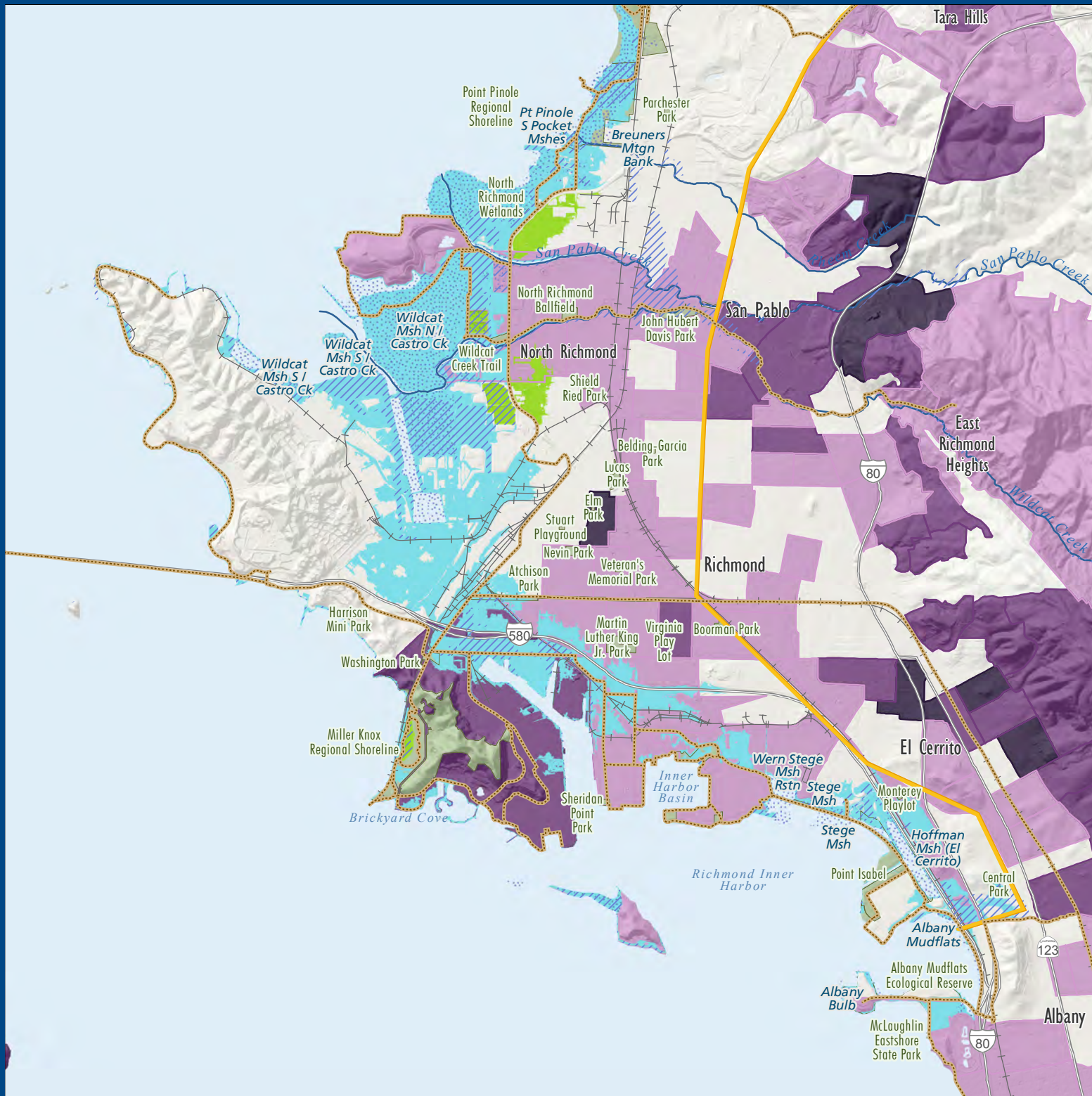
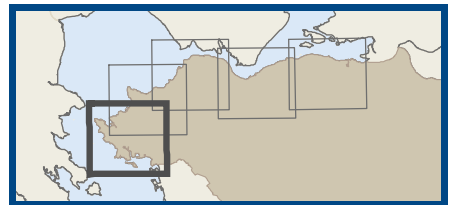


Community Indicators: Age Contra Costa ART Project



- Project Area
- Equivalent Water Levels:
100 - yr tide + 36" SLR
50 - yr tide + 48" SLR
MHW + 77" SLR
- FEMA 100 - yr Flood Zone
- Disconnected Areas > 1 Acre
- Major Wetlands and Water Bodies
- Existing Bay Trail
- Railroad
- Highway
- Parks and Open Spaces

- ### Community Indicators
- Concentration population under 5
 - Concentration population 75 and over
 - Concentration population both under 5 and 75 and over















Disclaimer: These maps are intended as planning-level tools to illustrate the potential for coastal flooding as sea levels rise and do not represent the exact location or depth of flooding or shoreline overtopping. The maps are based on model outputs and do not account for all of the complex and dynamic Bay processes or future conditions. For more context, including a description of the data and methods used, please see *Adapting to Rising Tides: Contra Costa County Sea Level Rise Vulnerability Assessment Final Report February, 2016* (http://www.adaptingtorisingtides.org/wp-content/uploads/2015/04/Contra-Costa_ART_Final_Report_web_2016.03.08.pdf)

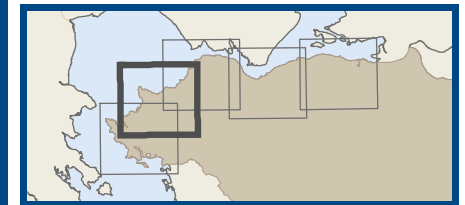
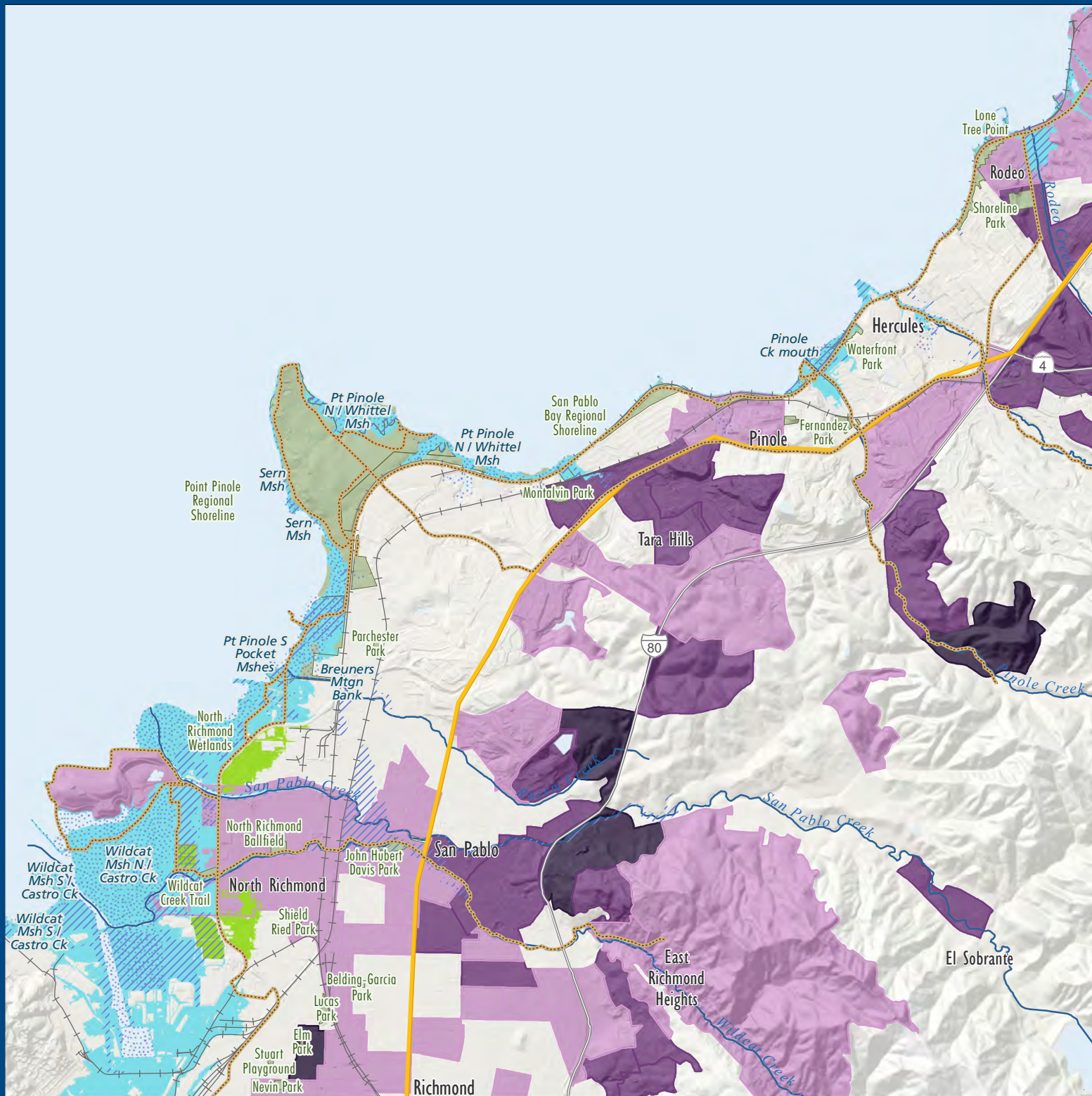
Methods: Block groups were identified if they met a triggering level for each indicator, based on the regional mean plus half a standard deviation. These maps are intended as planning level tools.

Data Source: 2010-2014 ACS, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

Community Indicators: Age

Contra Costa ART Project

-  Project Area
 -  Equivalent Water Levels:
100 - yr tide + 36" SLR
50 - yr tide + 48" SLR
MHHW + 77" SLR
 -  FEMA 100 - yr Flood Zone
 -  Disconnected Areas > 1 Acre
 -  Major Wetlands and Water Bodies
 -  Existing Bay Trail
 -  Railroad
 -  Highway
 -  Parks and Open Spaces
-
- ### Community Indicators
-  Concentration population under 5
 -  Concentration population 75 and over
 -  Concentration population both under 5 and 75 and over

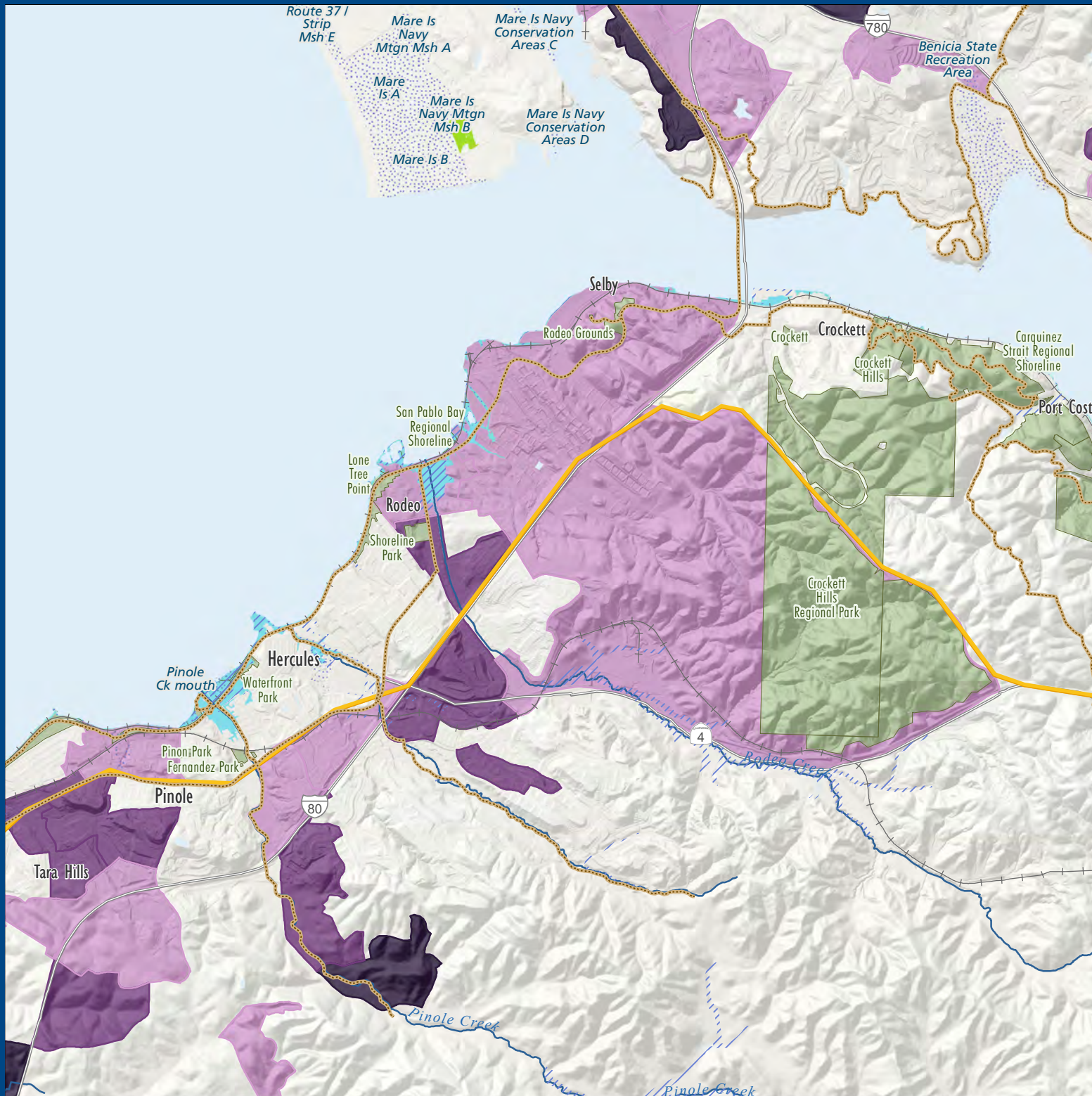


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Data Source: 2010-2014 ACS, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

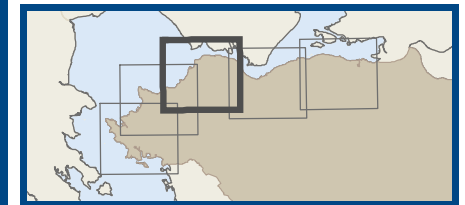
Community Indicators: Age Contra Costa ART Project



- Project Area
- Equivalent Water Levels:
100 - yr tide + 36" SLR
50 - yr tide + 48" SLR
MHW + 77" SLR
- FEMA 100 - yr Flood Zone
- Disconnected Areas > 1 Acre
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Community Indicators

- Concentration population under 5
- Concentration population 75 and over
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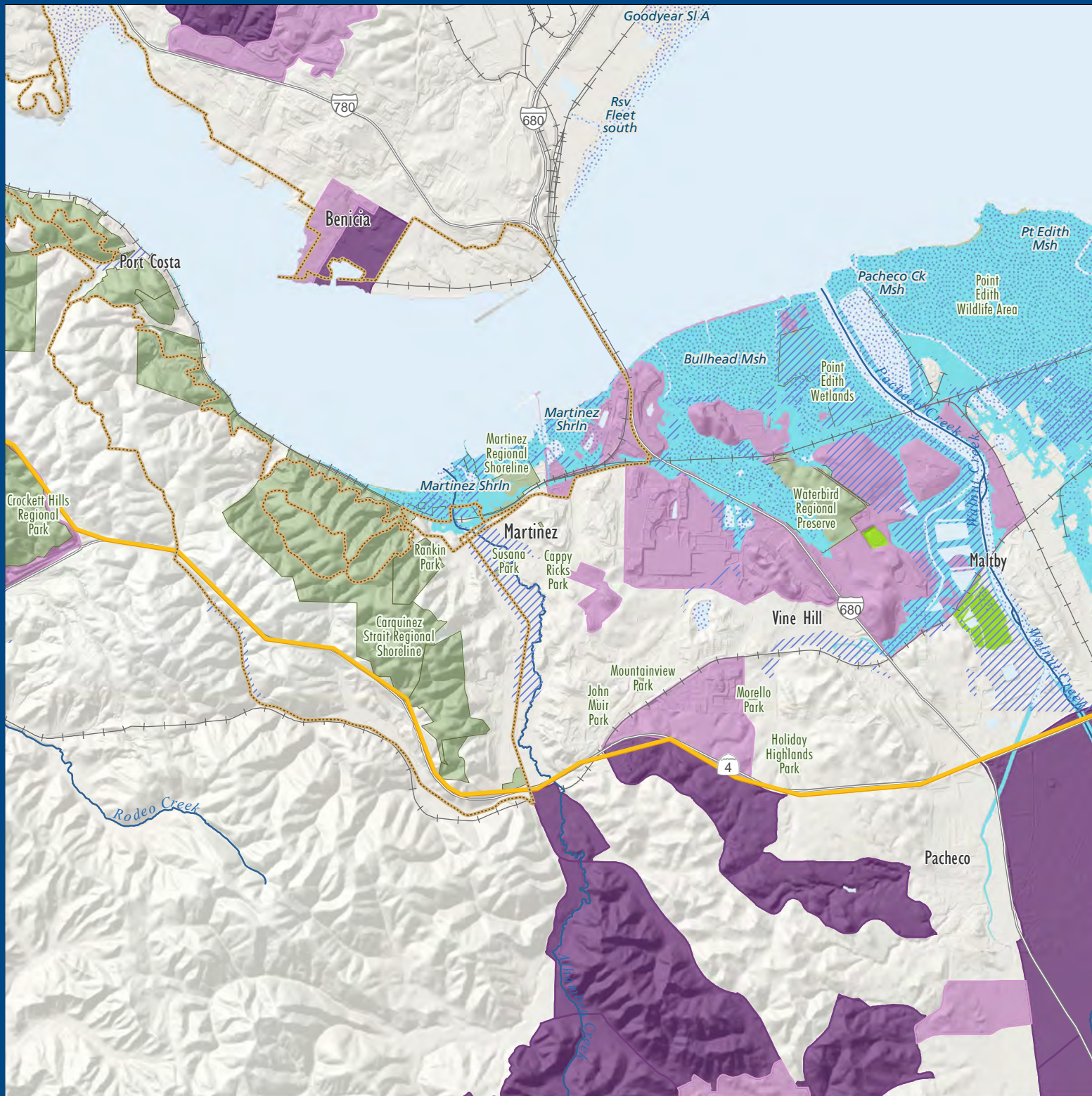











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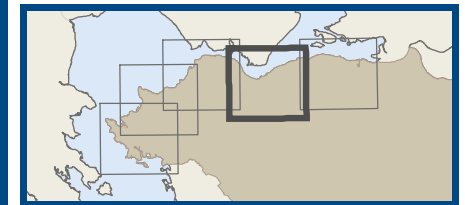
Data Source: 2010-2014 ACS, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

Community Indicators: Age Contra Costa ART Project



-  Project Area
-  Equivalent Water Levels:
100 - yr tide + 36" SLR
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-  FEMA 100 - yr Flood Zone
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-  Railroad
-  Highway
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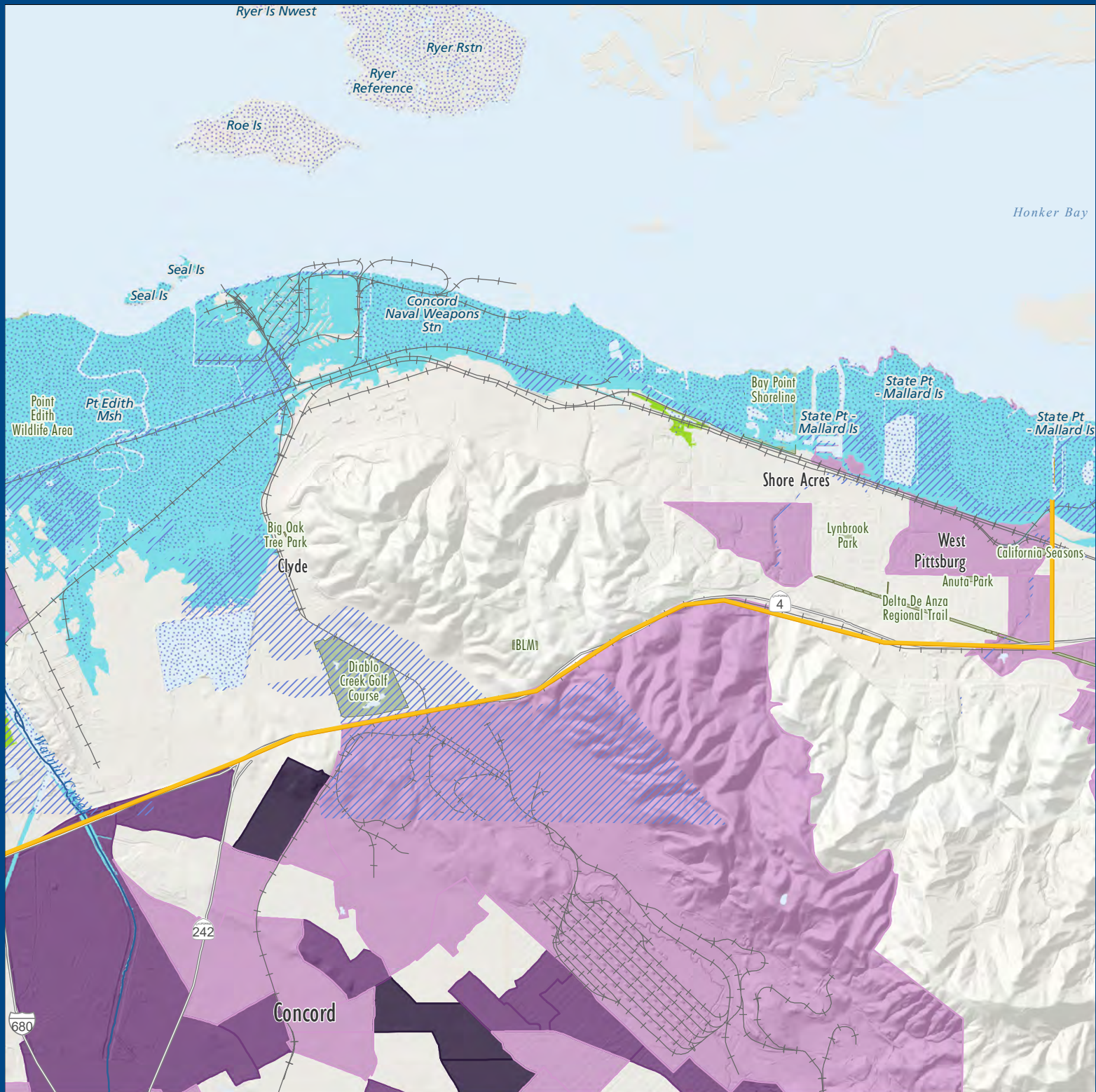
- Community Indicators**
-  Concentration population under 5
 -  Concentration population 75 and over
 -  Concentration population both under 5 and 75 and over












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Data Source: 2010-2014 ACS, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

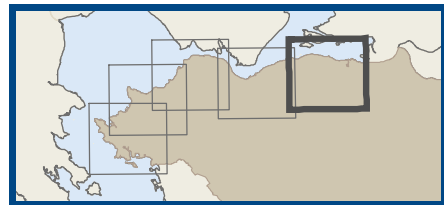


Community Indicators: Age Contra Costa ART Project

-  Project Area
-  Equivalent Water Levels:
100 - yr tide + 36" SLR
50 - yr tide + 48" SLR
MHW + 77" SLR
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-  Existing Bay Trail
-  Railroad
-  Highway
-  Parks and Open Spaces

Community Indicators

-  Concentration population under 5
-  Concentration population 75 and over
-  Concentration population both under 5 and 75 and over

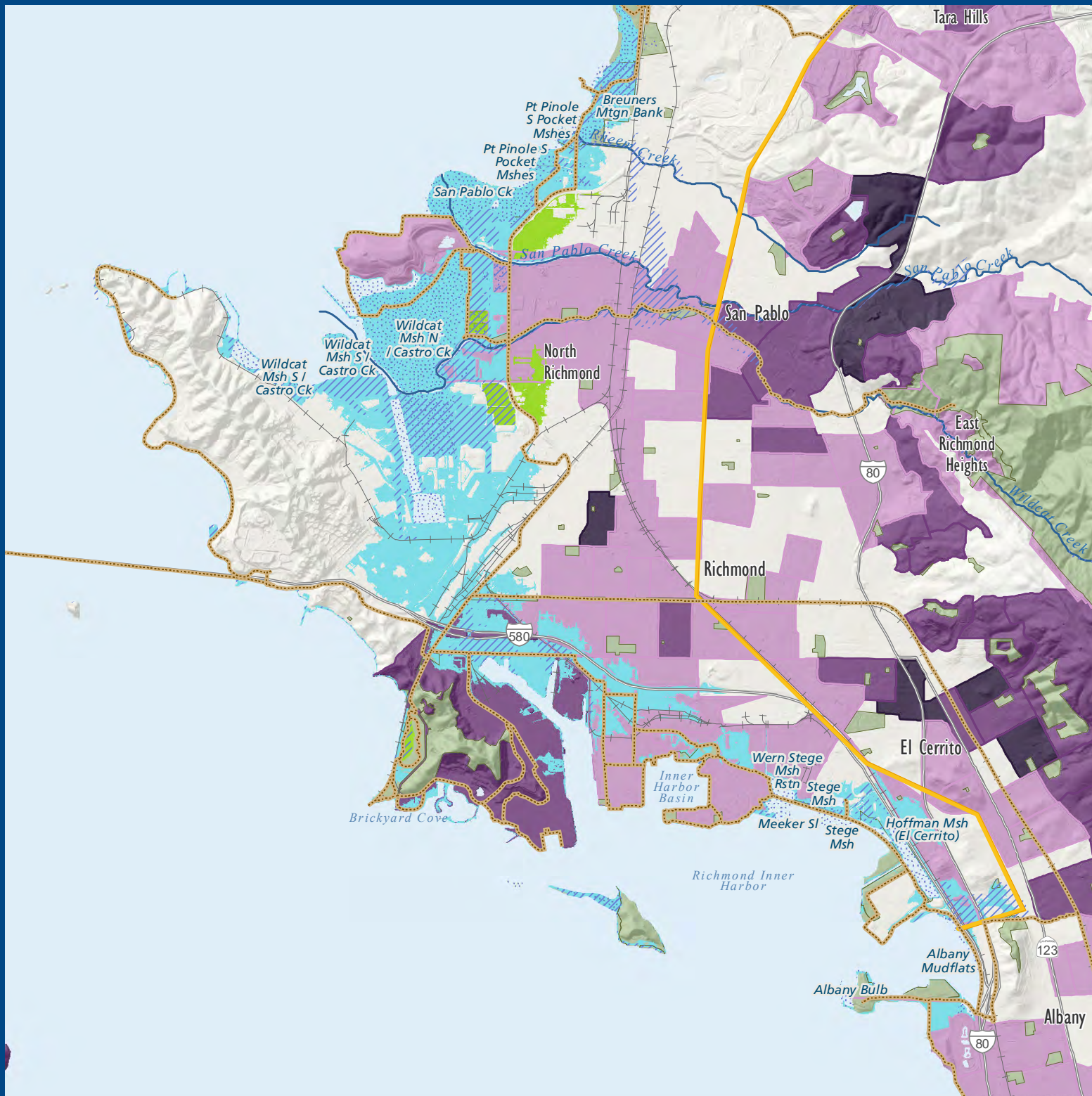


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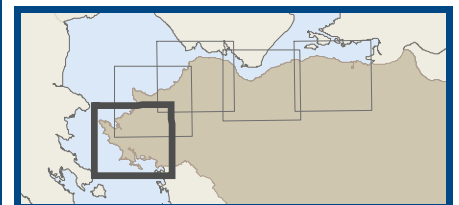
Methods: Block groups were identified if they met a triggering level for each indicator, based on the regional mean plus half a standard deviation. These maps are intended as planning level tools.

Data Source: 2010-2014 ACS, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

Community Indicators: Age Contra Costa ART Project



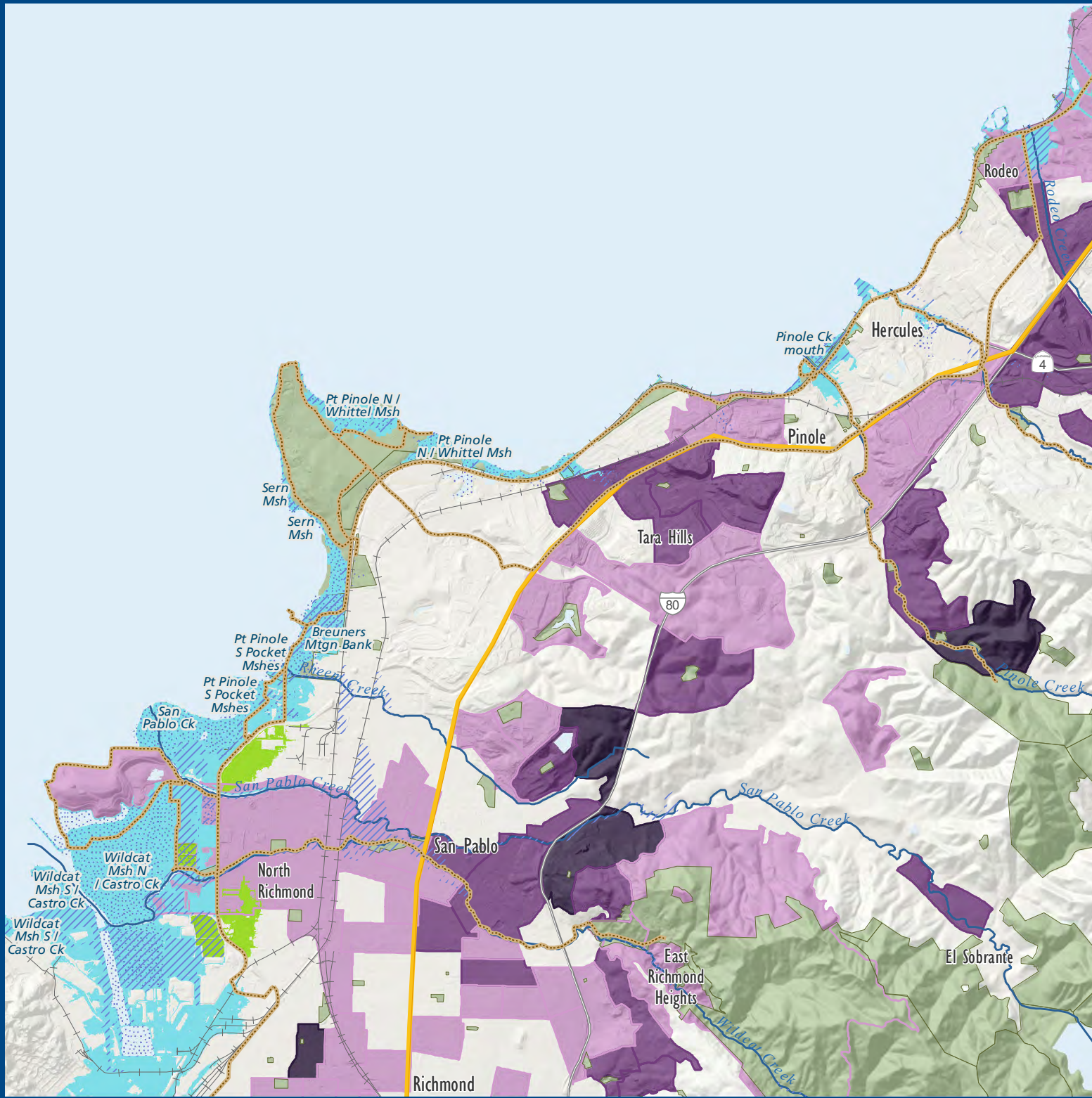
- Project Area
- Equivalent Water Levels:
100 - yr tide + 36" SLR
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MHHW + 77" SLR
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- Hydraulically Disconnected Areas > 1 Acre
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- Community Indicators**
- Concentration population under 5
- Concentration population 75 and over
- Concentration population both under 5 and 75 and over



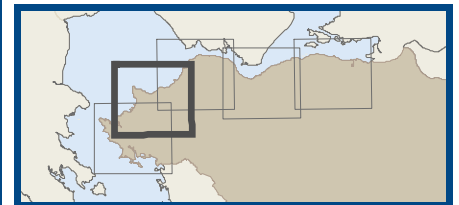
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Community Indicator Methods: Block groups were identified if they met a triggering level for each indicator, based on the regional mean plus half a standard deviation.

Data Source: 2010-2014 ACS, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

Community Indicators: Age Contra Costa ART Project



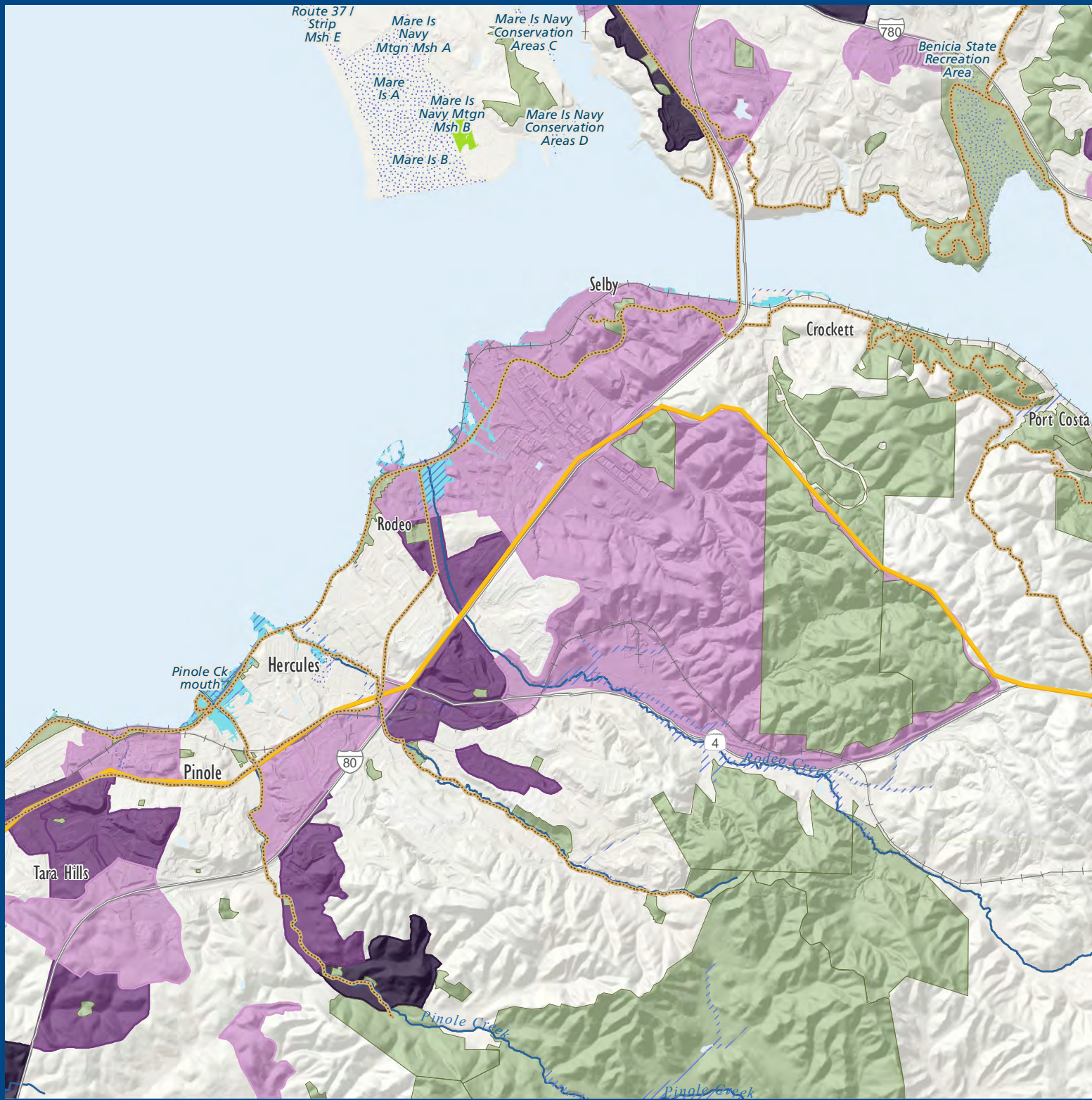
- Project Area
- Equivalent Water Levels:
100 - yr tide + 36" SLR
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- Highway
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- Community Indicators**
- Concentration population under 5
- Concentration population 75 and over
- Concentration population both under 5 and 75 and over



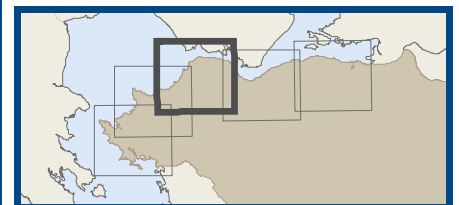
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Community Indicators: Age Contra Costa ART Project



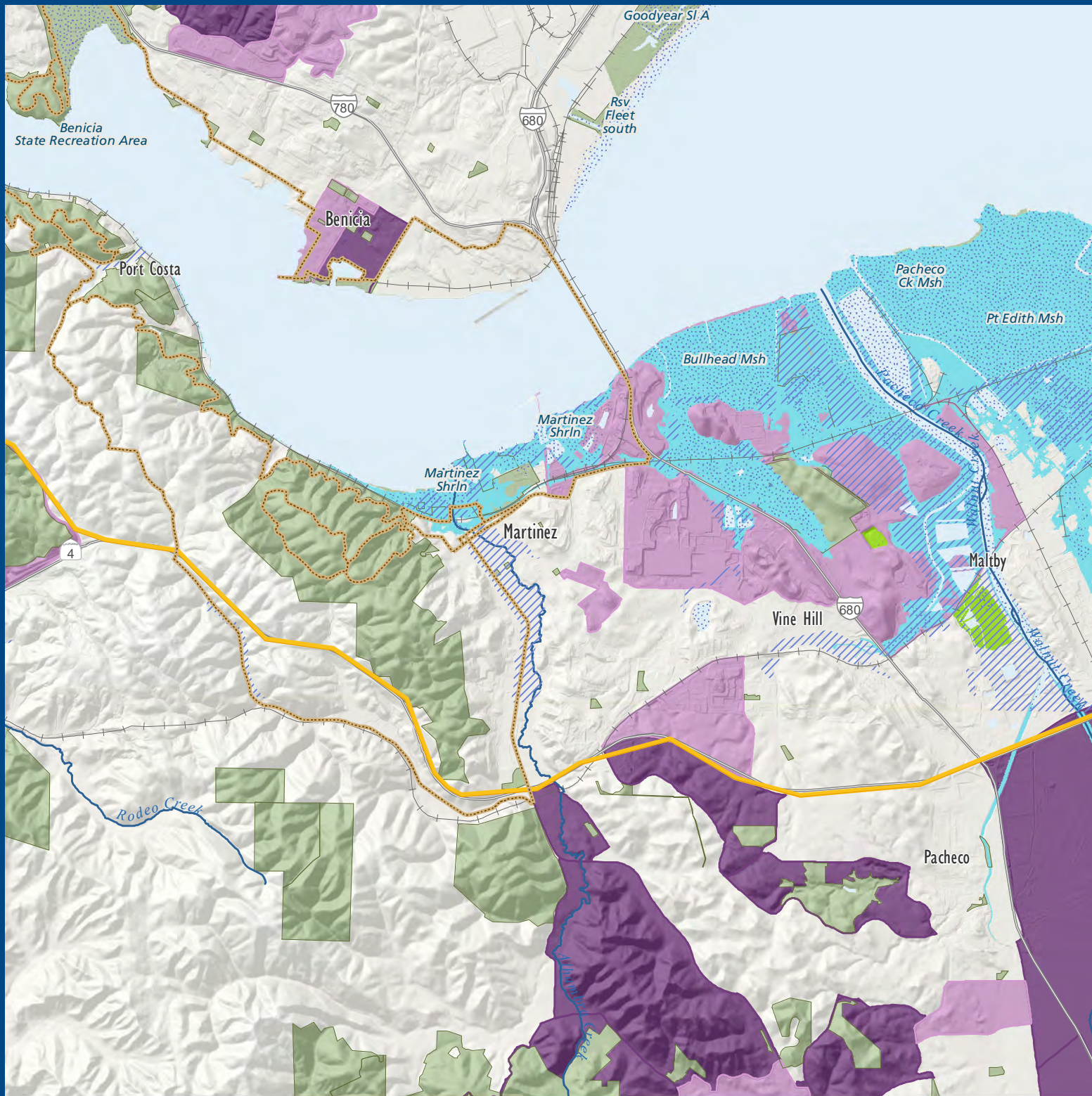
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







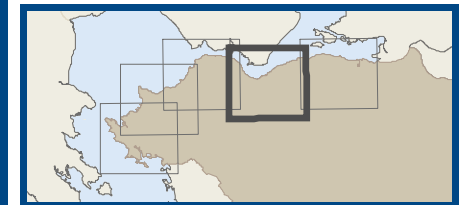
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Community Indicators: Age Contra Costa ART Project

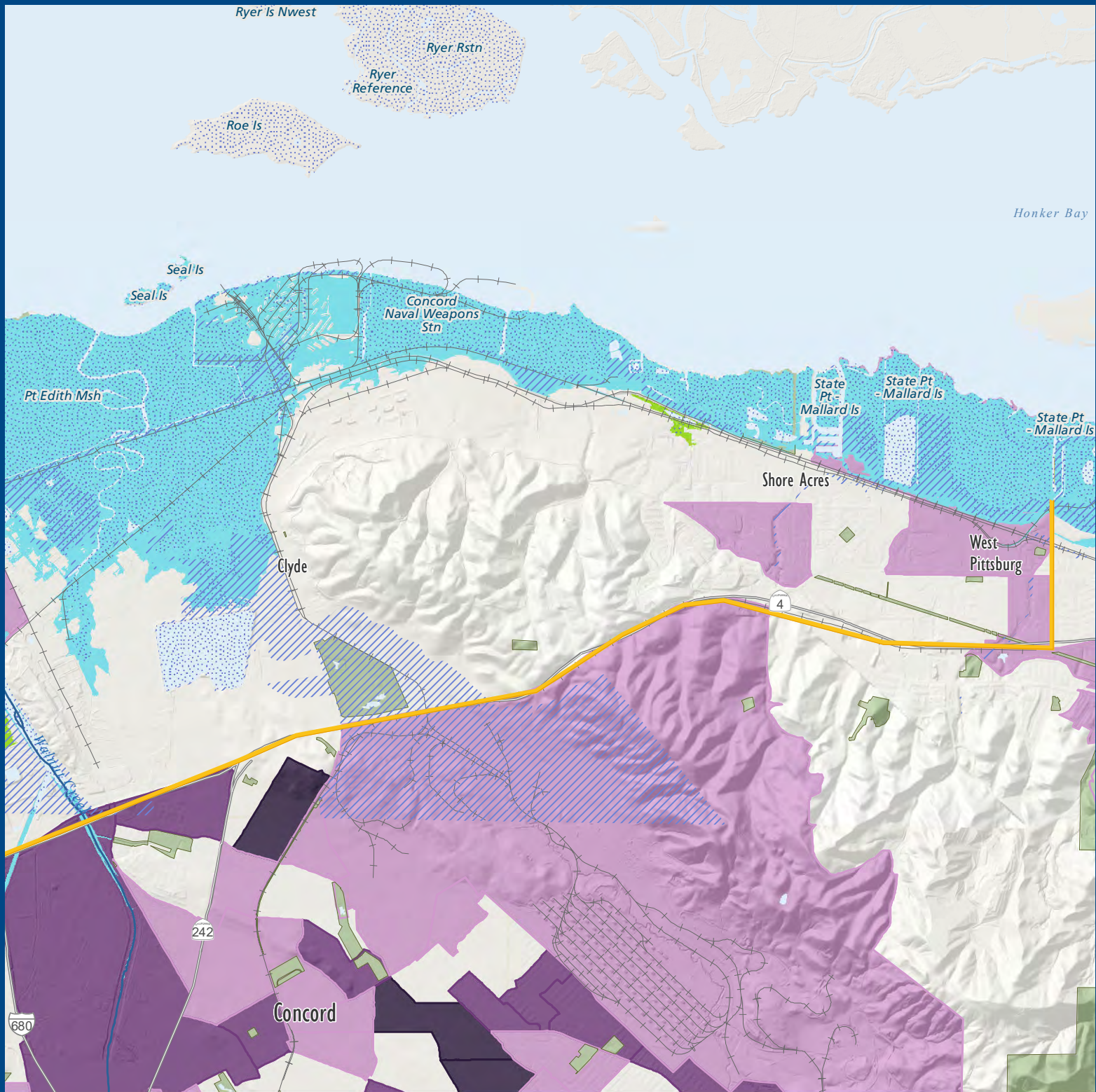


-  Project Area
-  Equivalent Water Levels:
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MHHW + 77" SLR
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-  Concentration population under 5
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-  Concentration population both under 5 and 75 and over



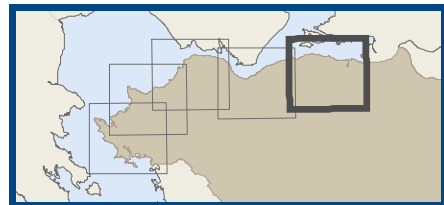
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Community Indicators: Age Contra Costa ART Project

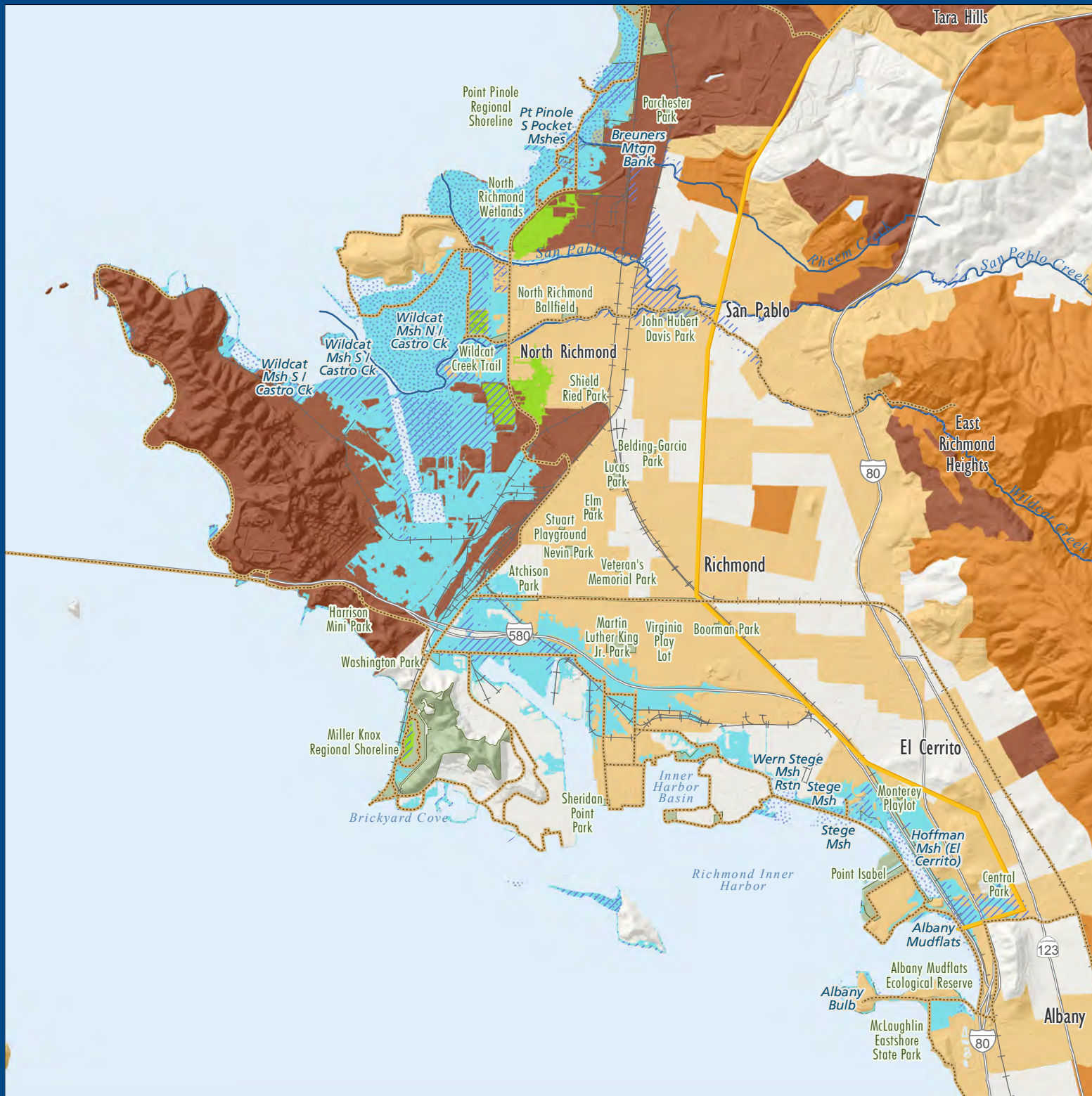
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- Concentration population under 5
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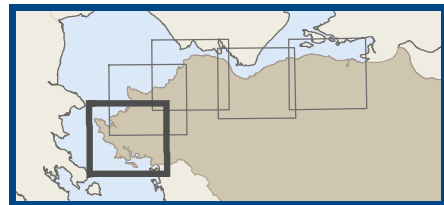
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**Community Indicators:
Housing & Transportation Cost Burden
Contra Costa ART Project**



- Project Area
- Equivalent Water Levels:
100 - yr tide + 36" SLR
50 - yr tide + 48" SLR
MHW + 77" SLR
- FEMA 100 - yr Flood Zone
- Disconnected Areas > 1 Acre
- Major Wetlands and Water Bodies
- Existing Bay Trail
- Railroad
- Highway
- Parks and Open Spaces
- Community Indicators**
- Concentration Housing Cost Burdened Households (spending greater than 50% of income on housing)
- Concentration Transportation Cost Burdened Households (spending greater than 5% of income on transportation)
- Both Housing & Transportation Cost Burdened















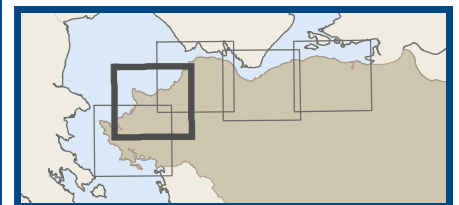
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**Community Indicators:
Housing & Transportation Cost Burden
Contra Costa ART Project**

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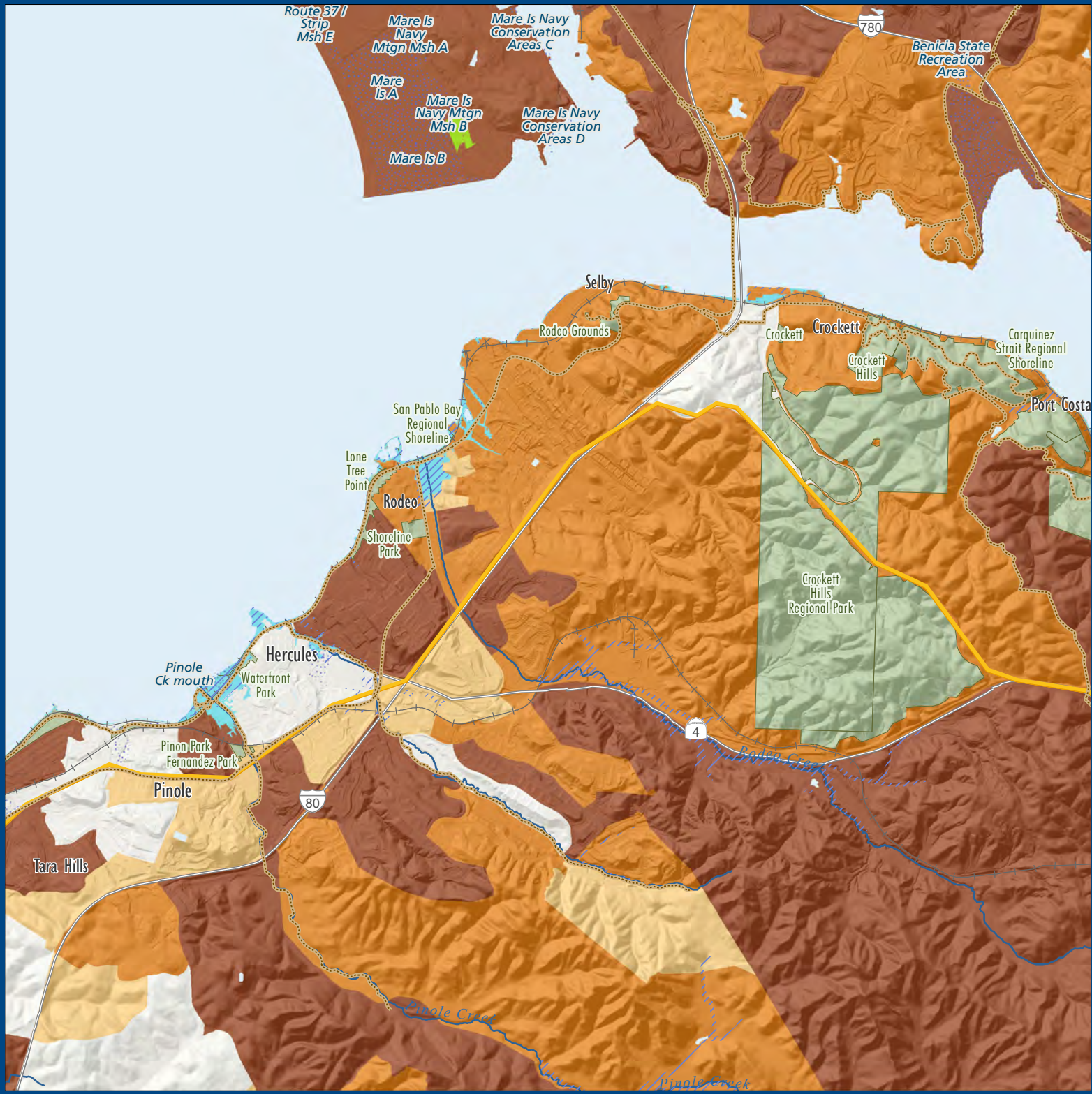
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Data Source: 2010-2014 ACS, Center for Neighborhood Technology, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

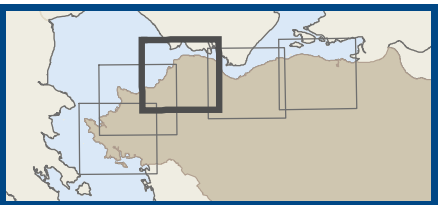


**Community Indicators:
Housing & Transportation Cost Burden
Contra Costa ART Project**



-  Project Area
-  Equivalent Water Levels:
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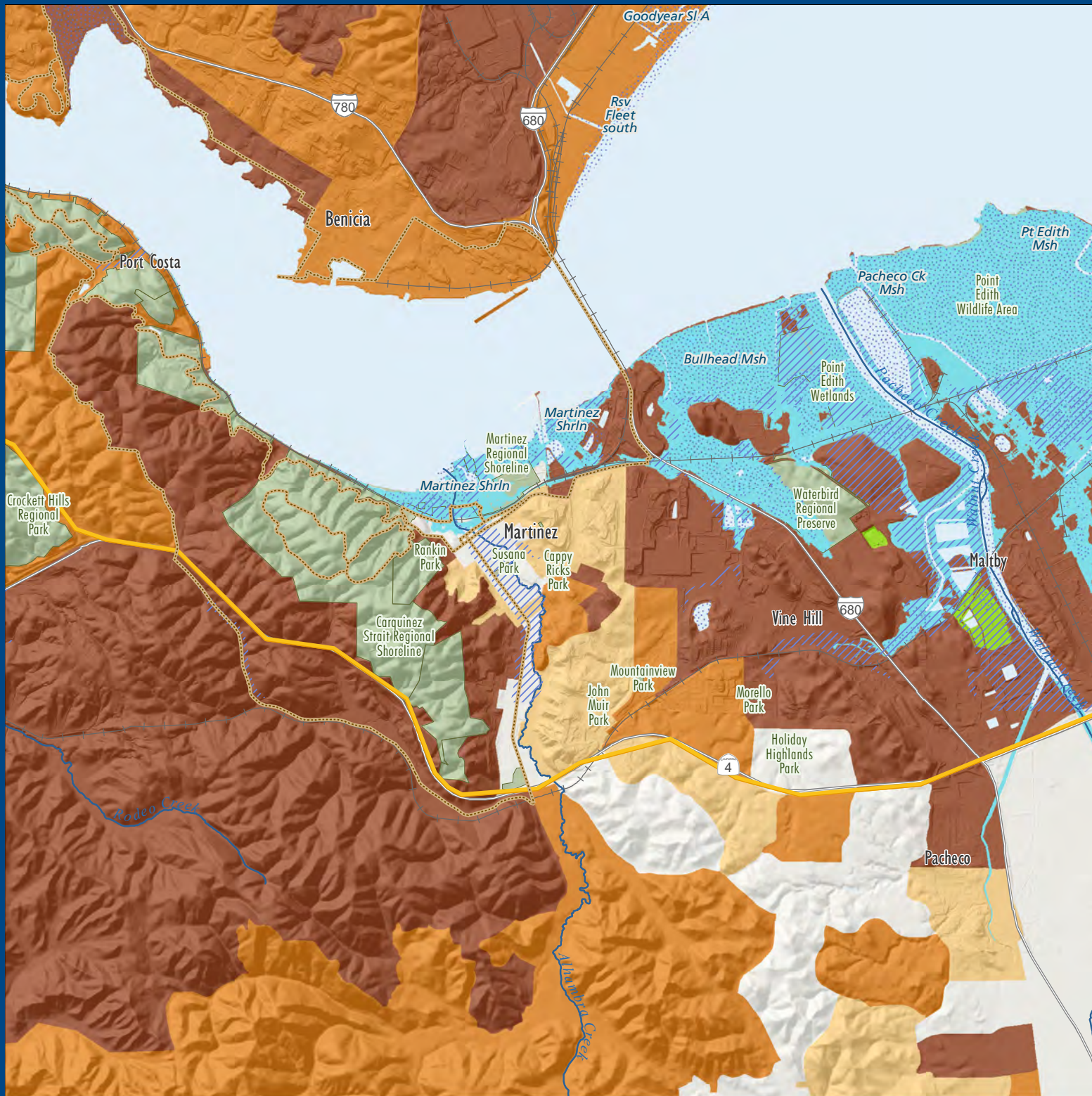
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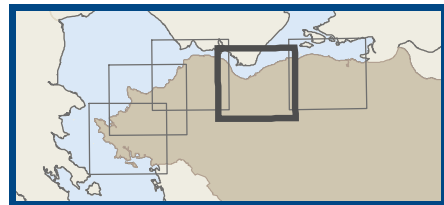
Data Source: 2010-2014 ACS, Center for Neighborhood Technology, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

Map created by GreenInfo Network.

**Community Indicators:
Housing & Transportation Cost Burden
Contra Costa ART Project**



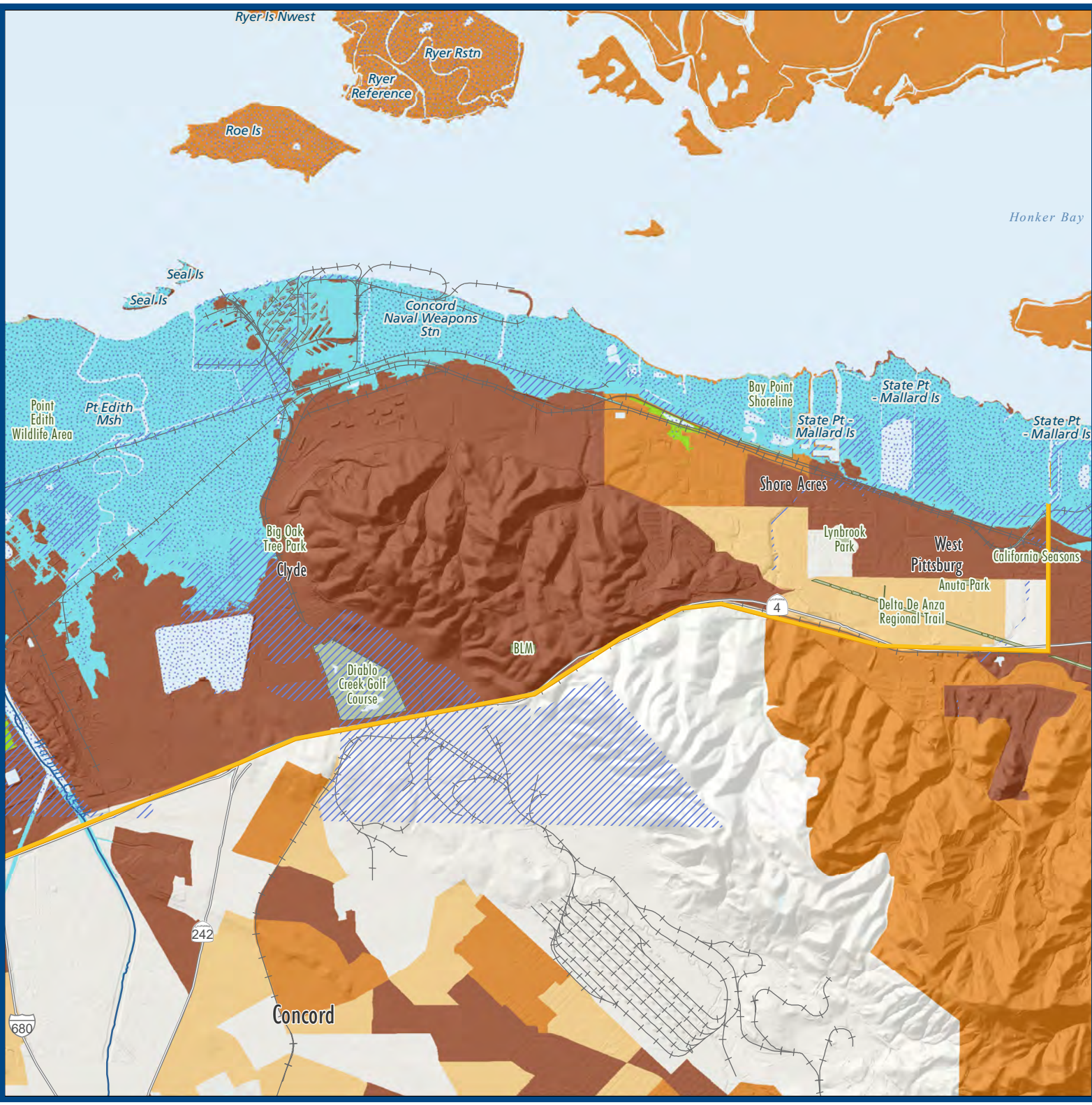
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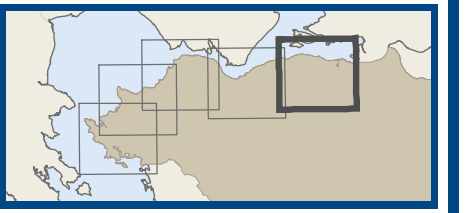
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**Community Indicators:
Housing & Transportation Cost Burden
Contra Costa ART Project**

-  Project Area
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 -  Concentration Transportation Cost Burdened Households (spending greater than 5% of income on transportation)
 -  Both Housing & Transportation Cost Burdened



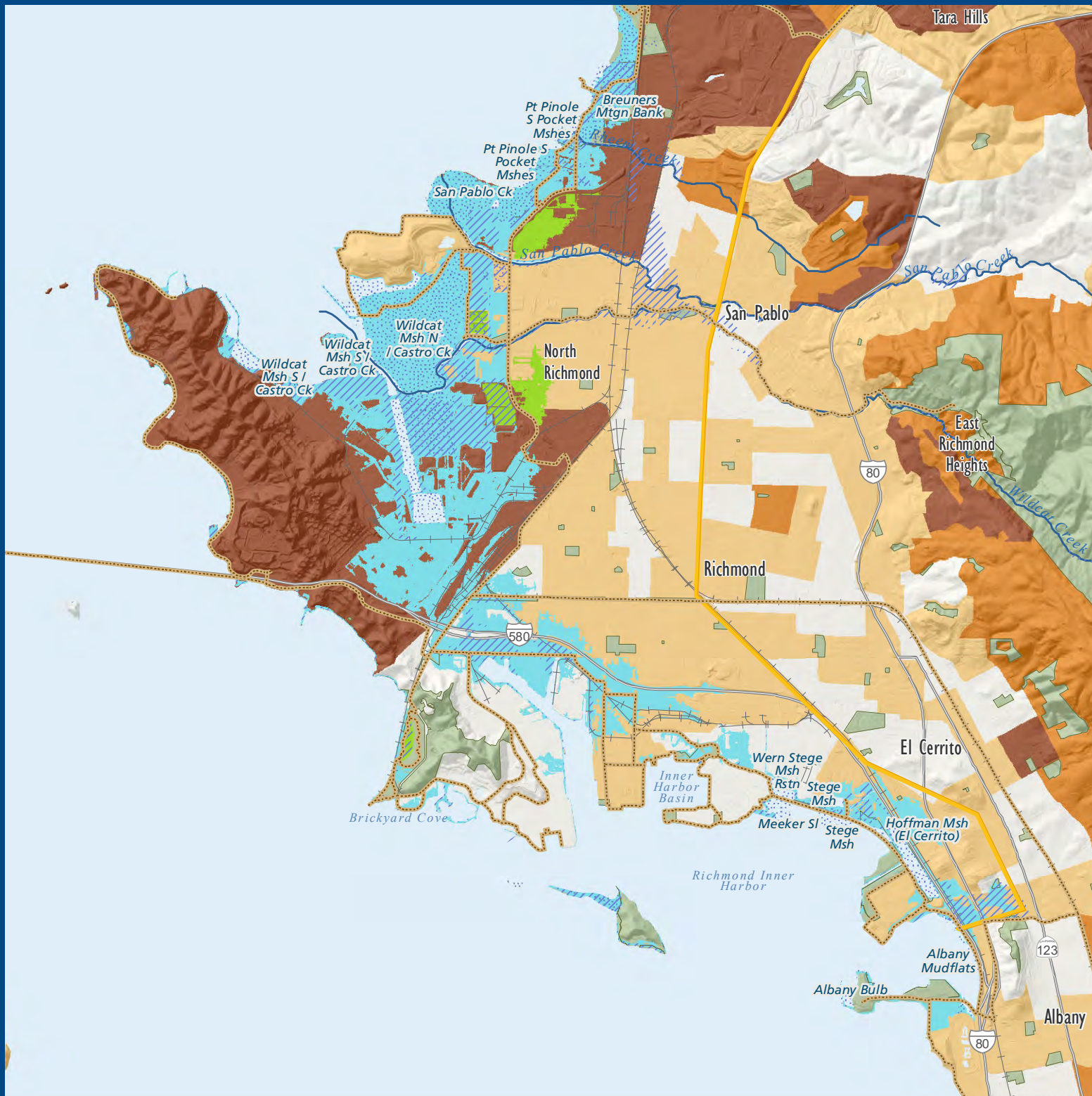
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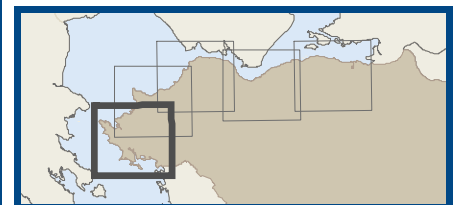
Data Source: 2010-2014 ACS, Center for Neighborhood Technology, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

Map created by GreenInfo Network.

**Community Indicators:
Housing & Transportation Cost Burden
Contra Costa ART Project**















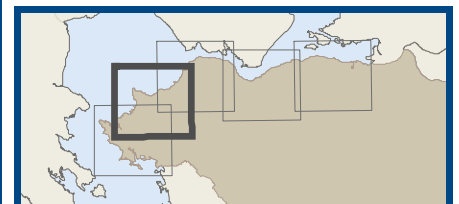
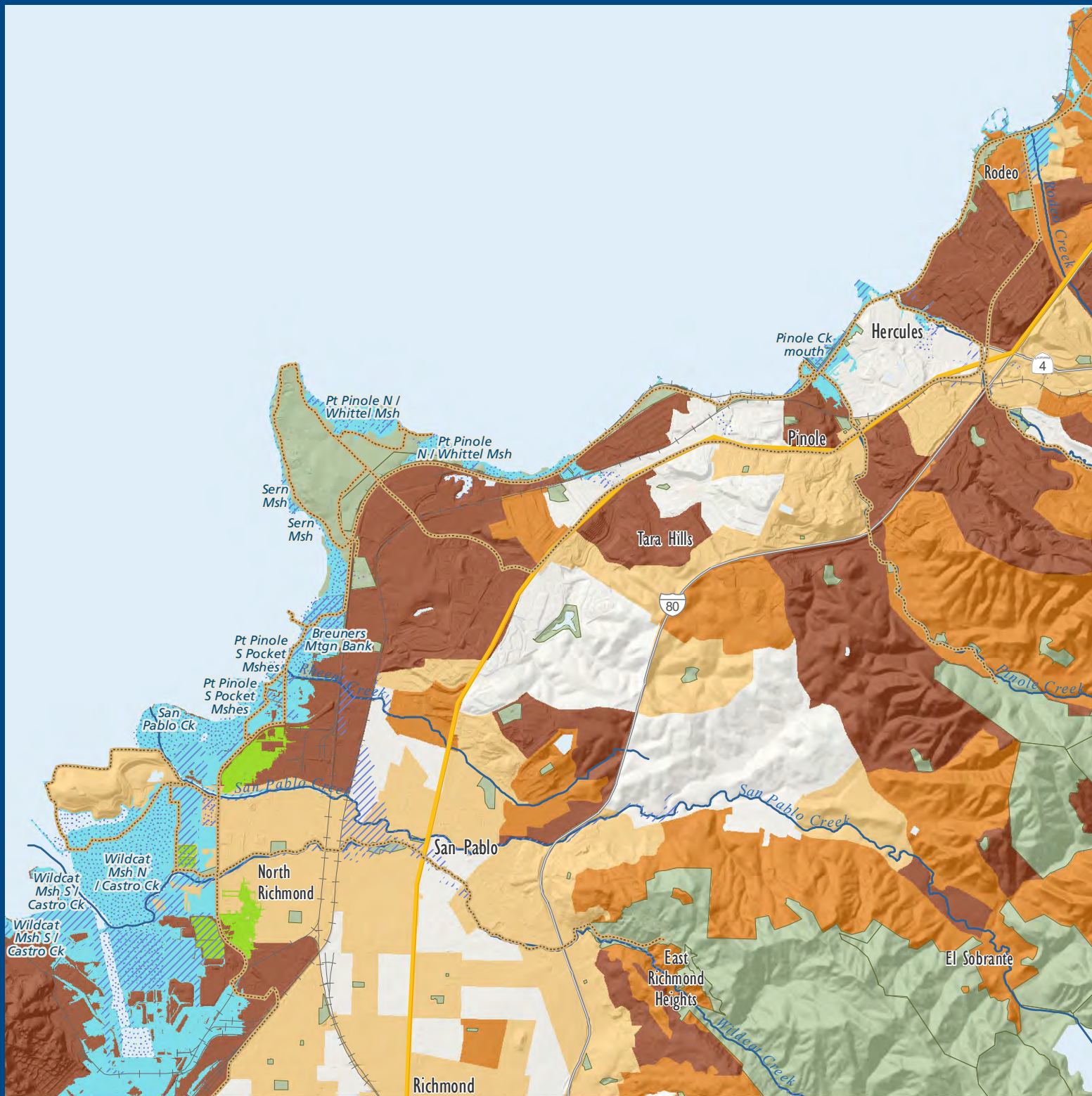
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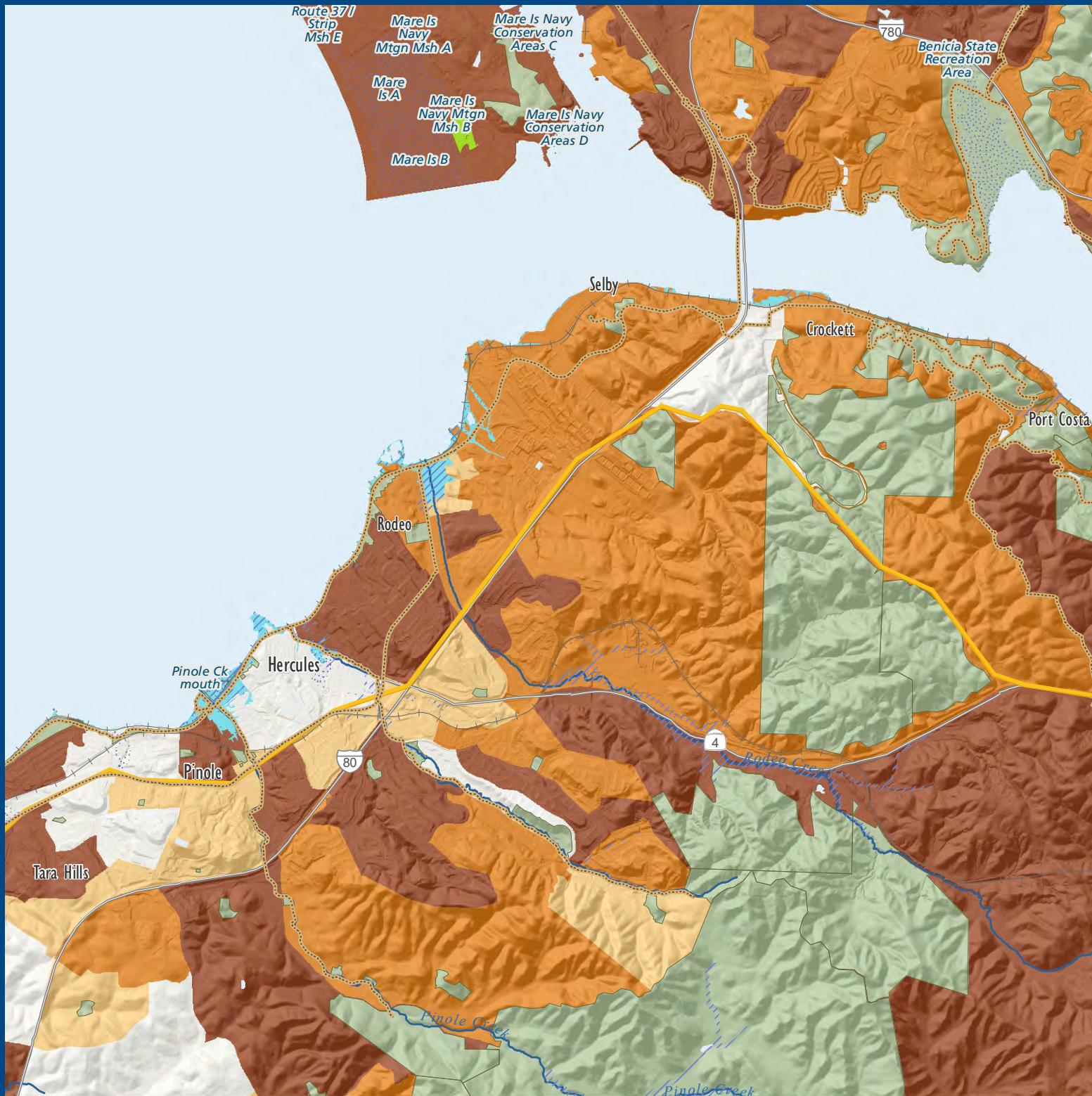














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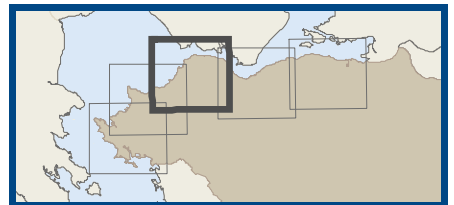
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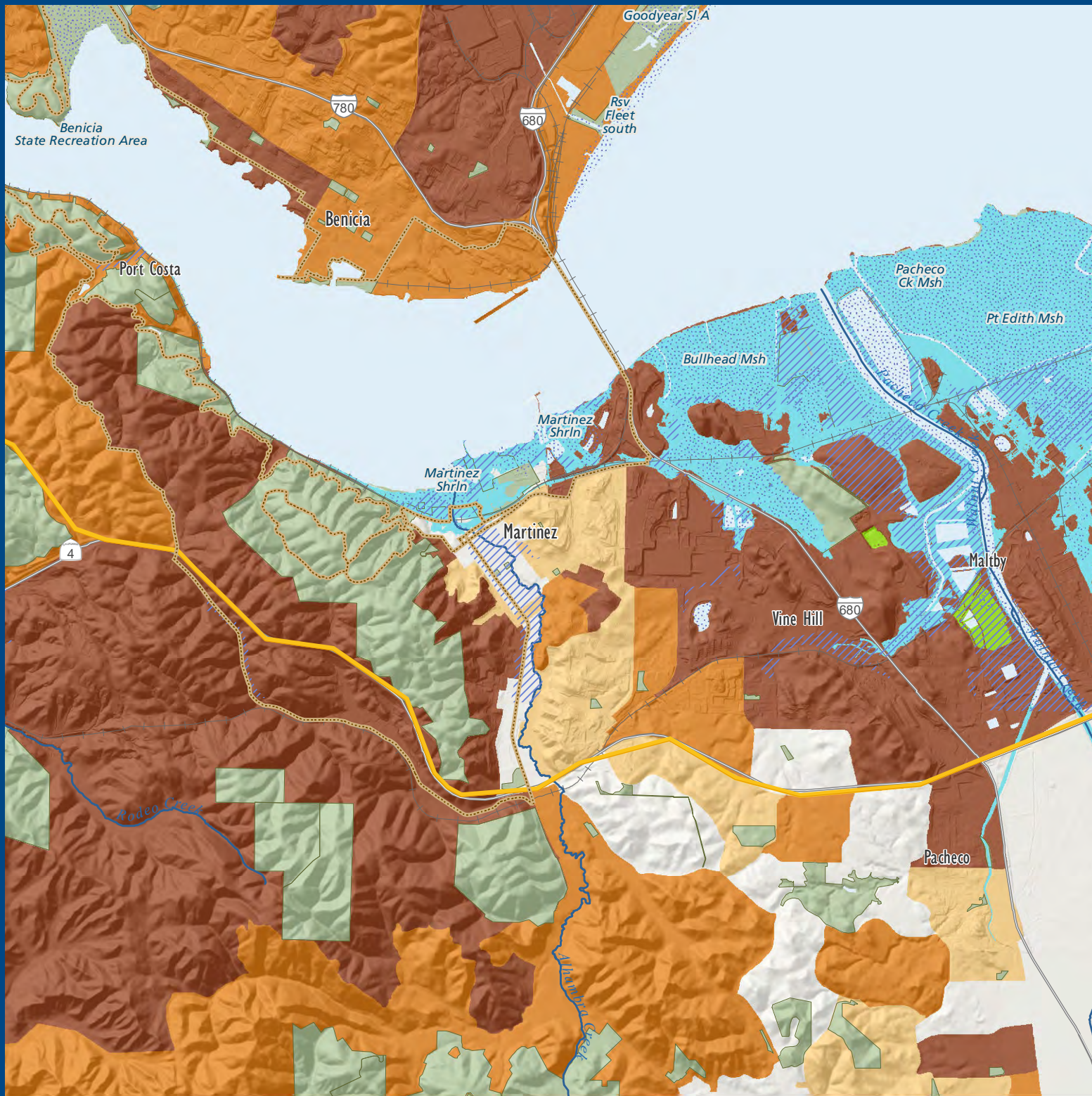
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







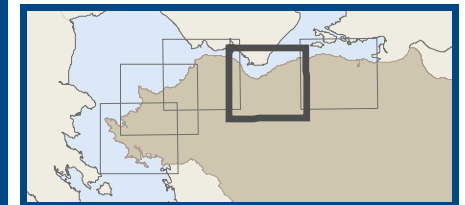
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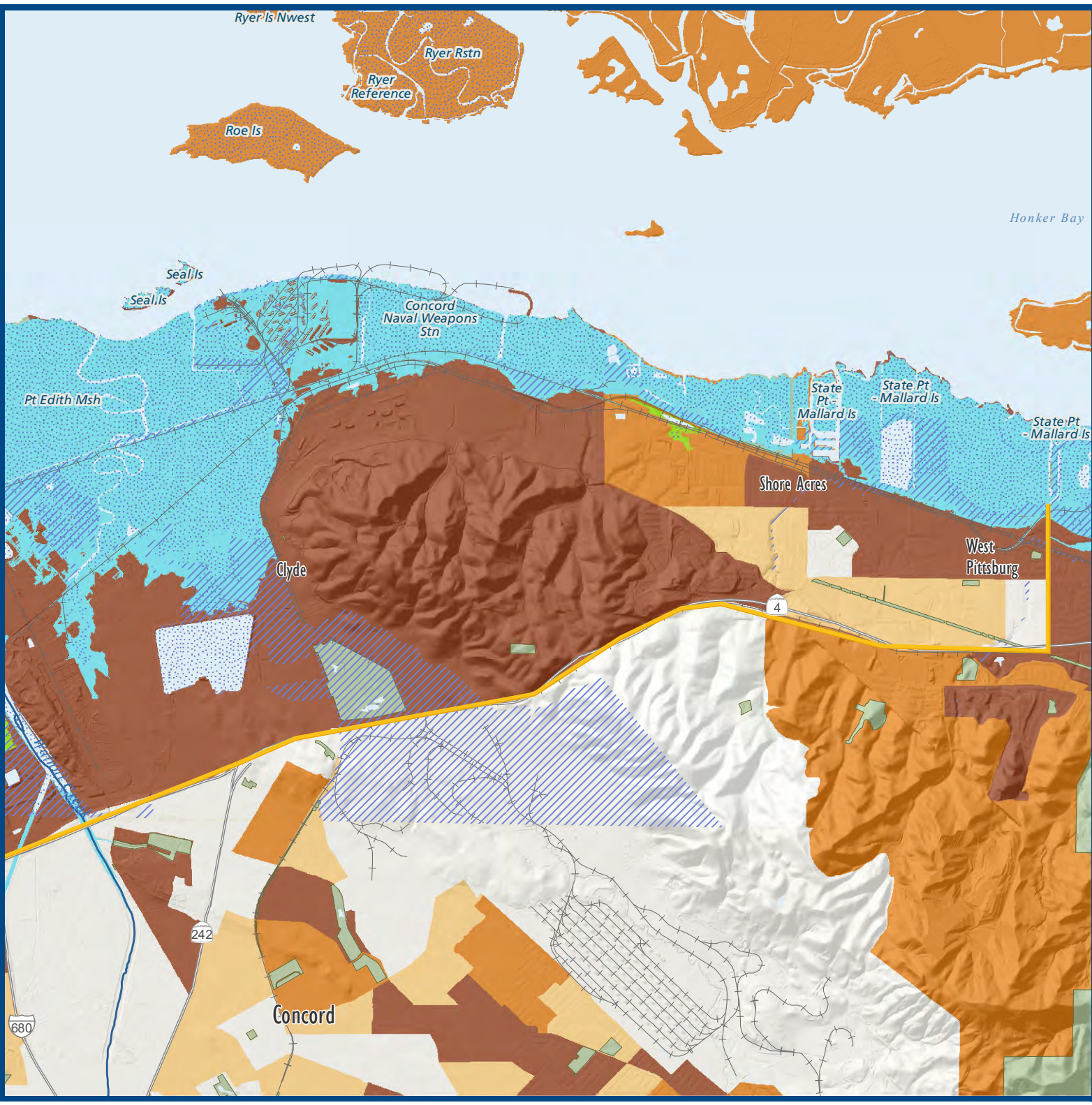
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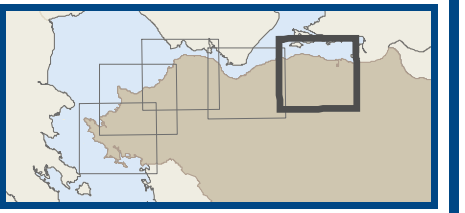


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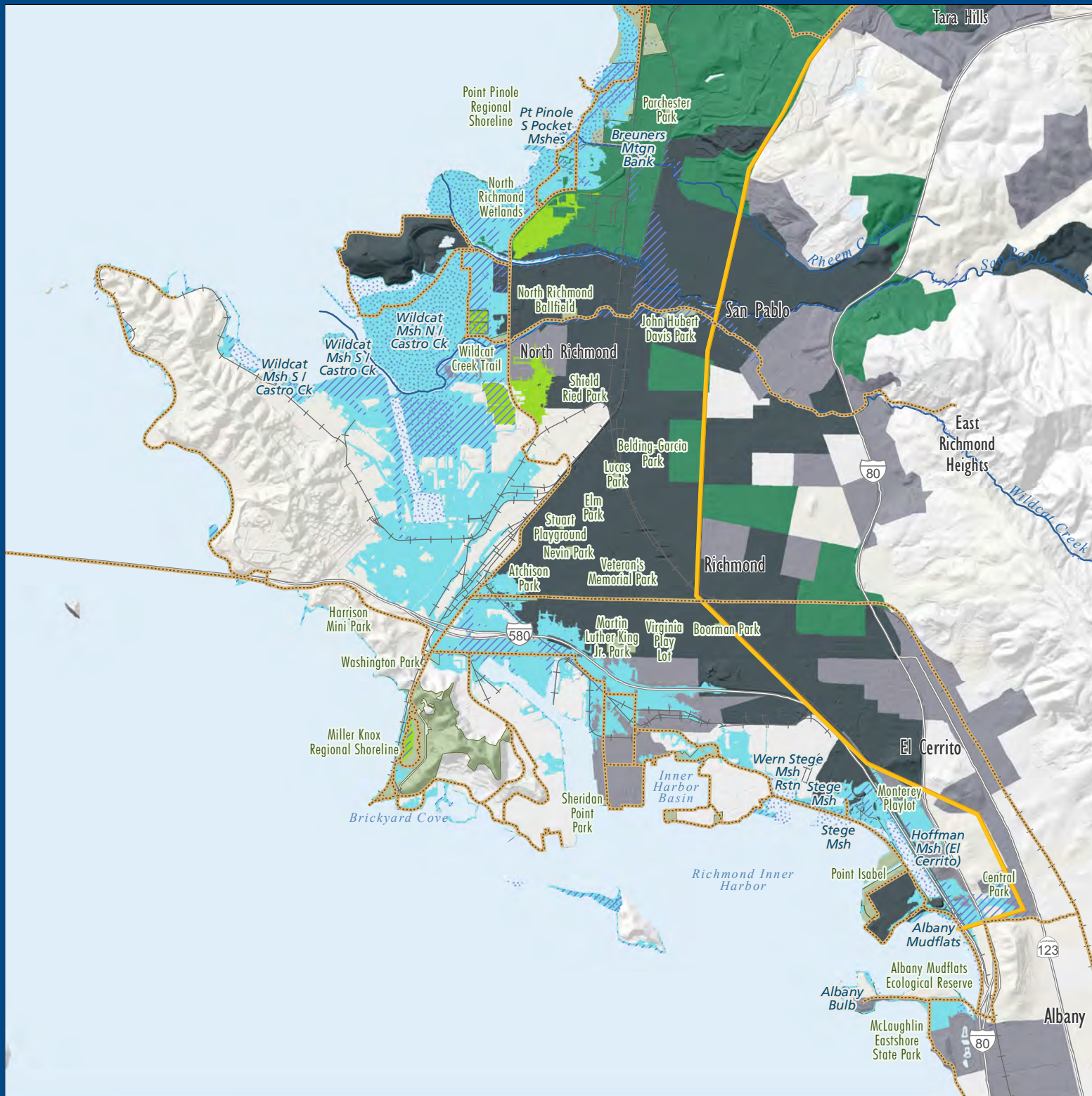
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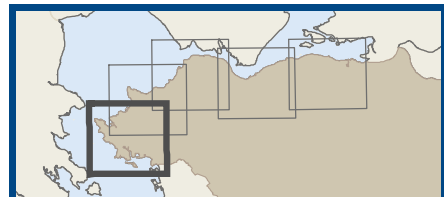
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Community Indicators: Education & Income
Contra Costa ART Project



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 - Low High School Graduation Rates**
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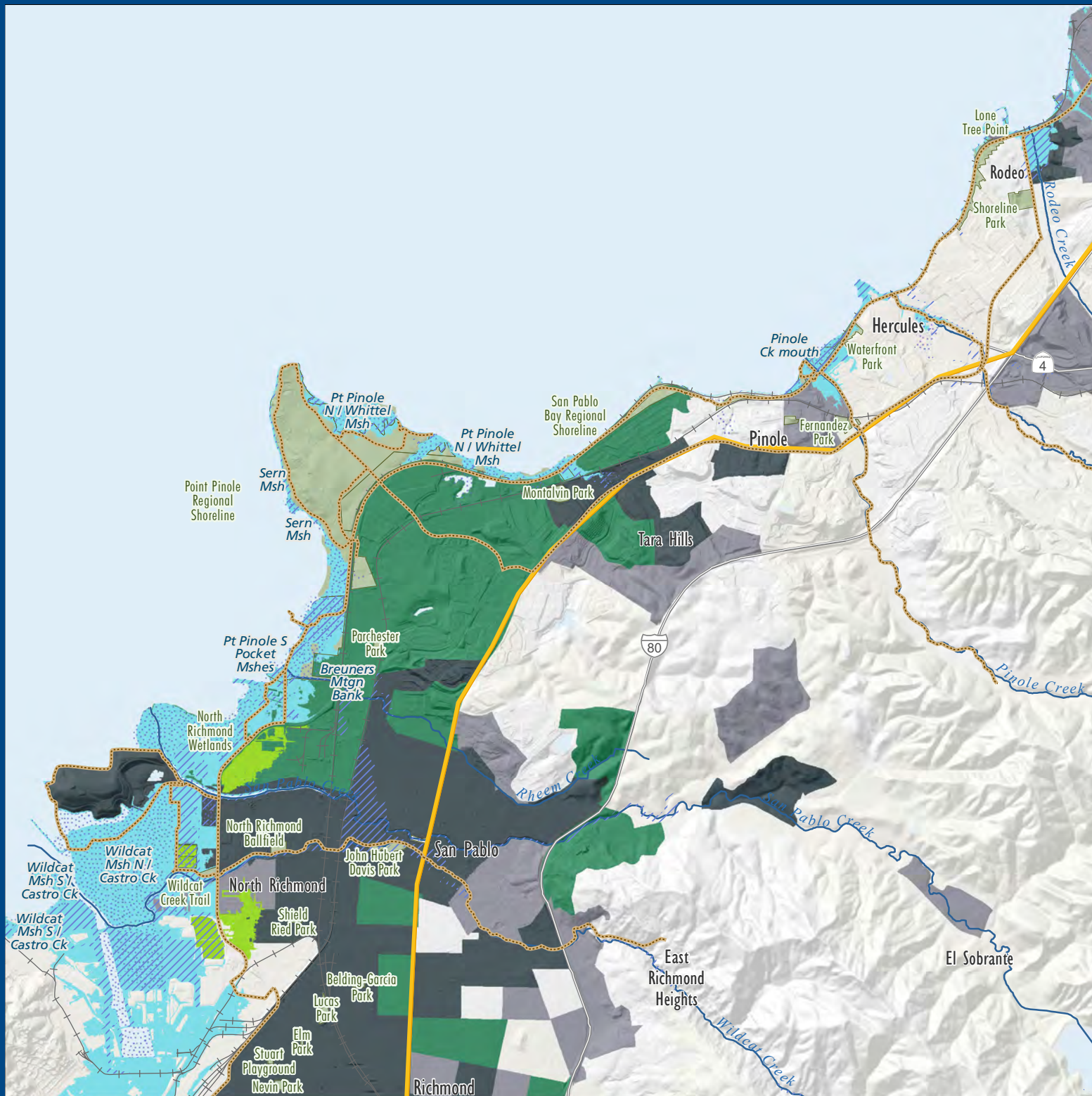


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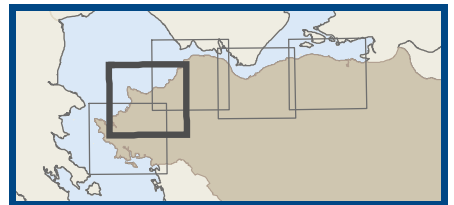
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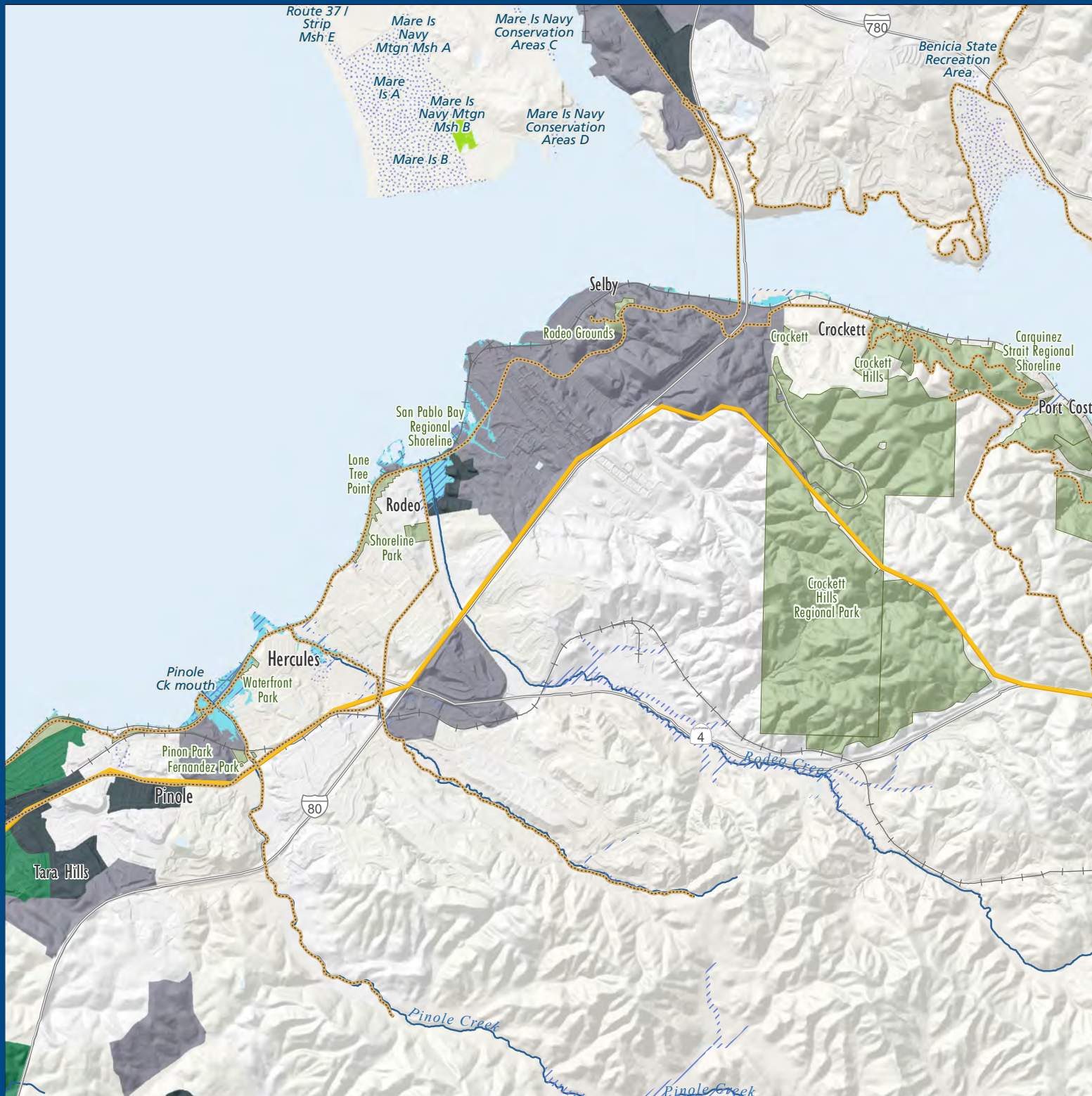














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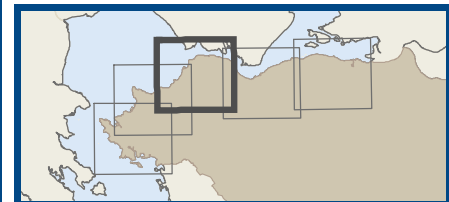
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Community Indicators: Education & Income Contra Costa ART Project



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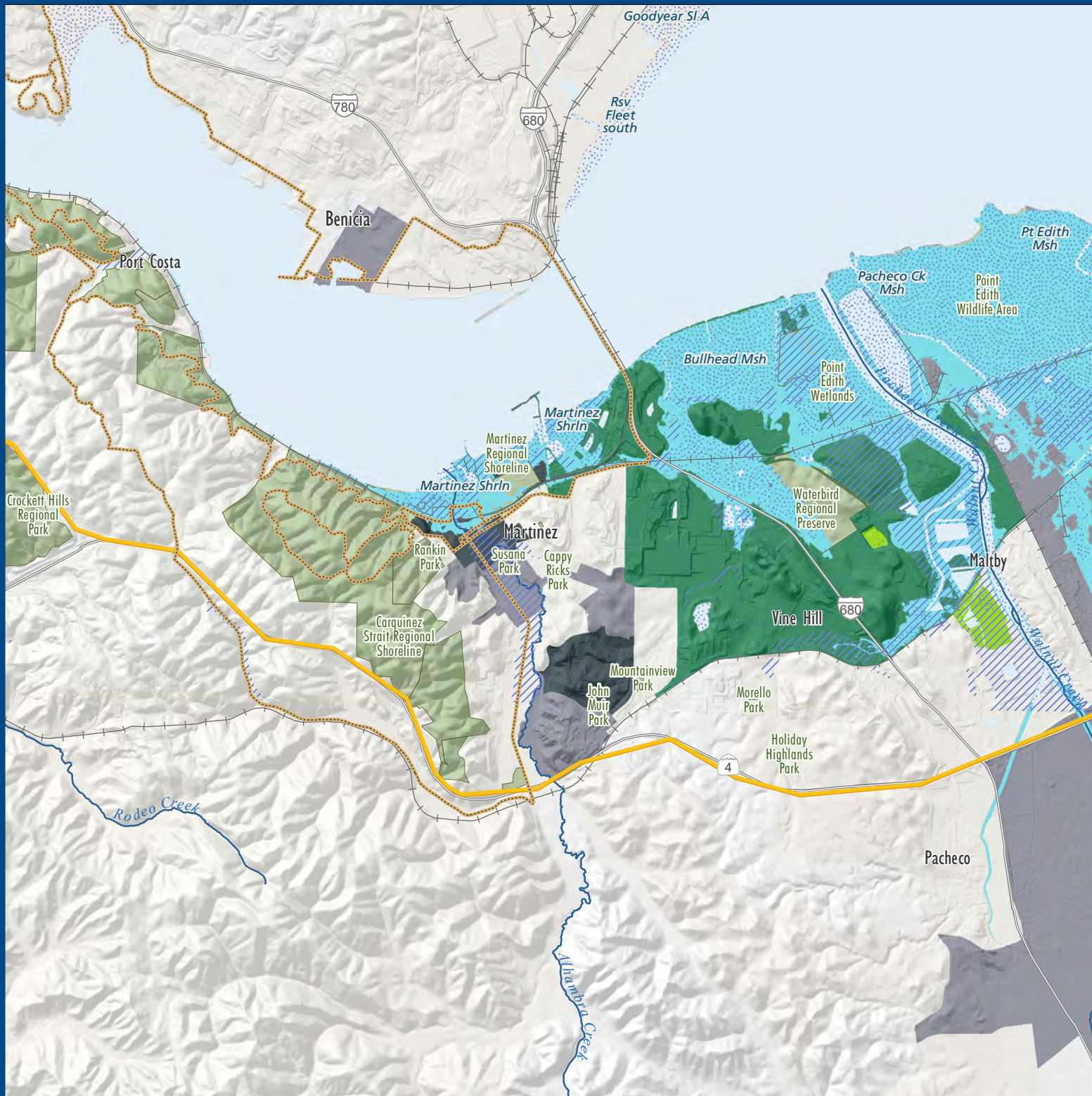



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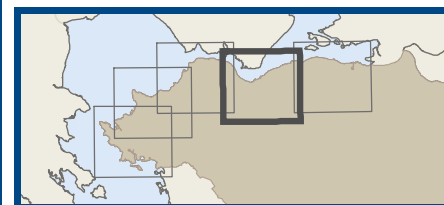
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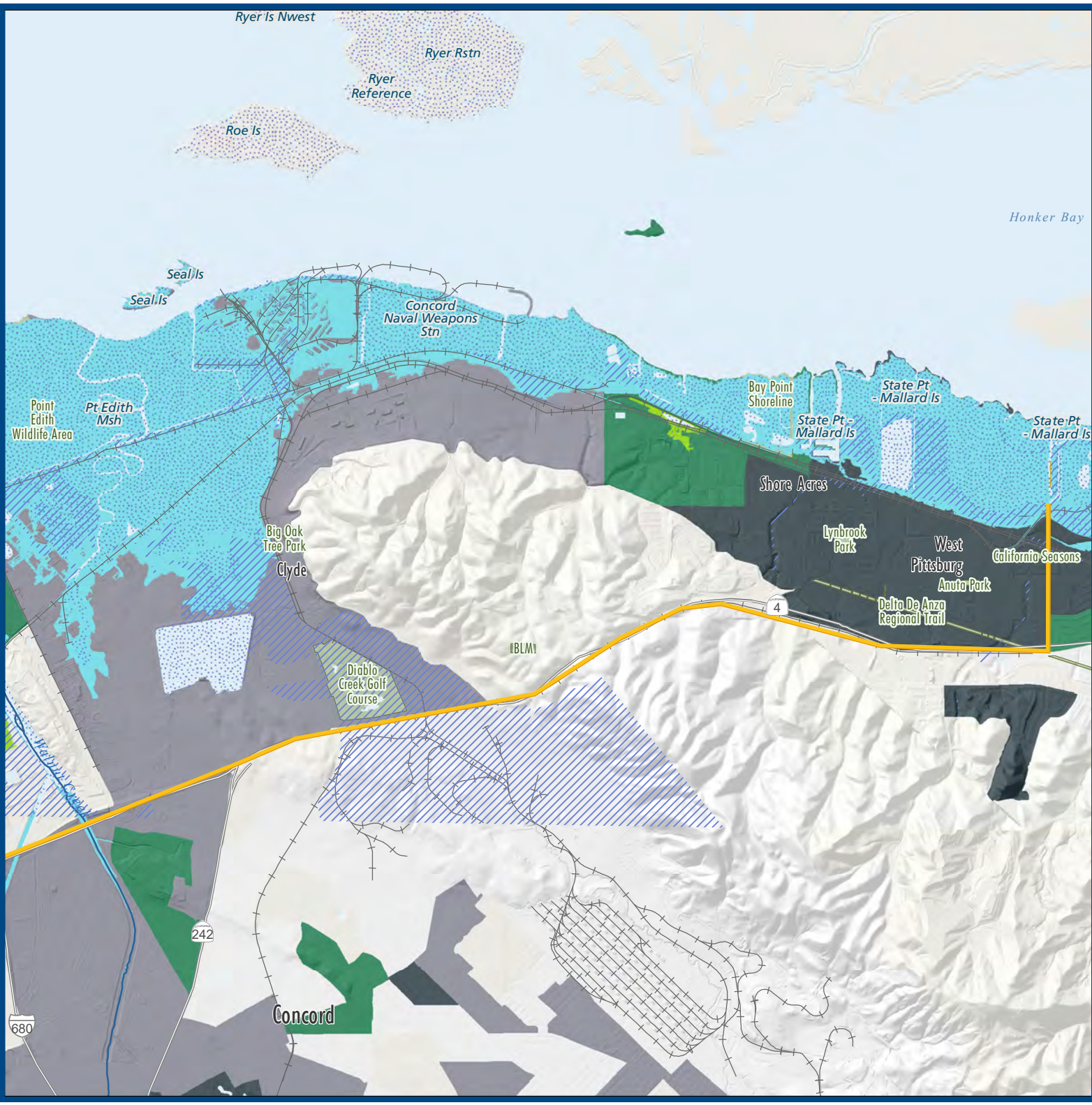
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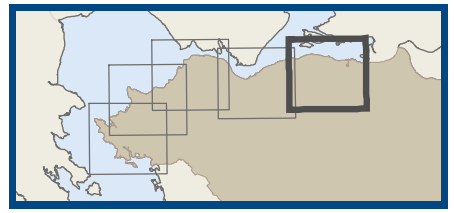
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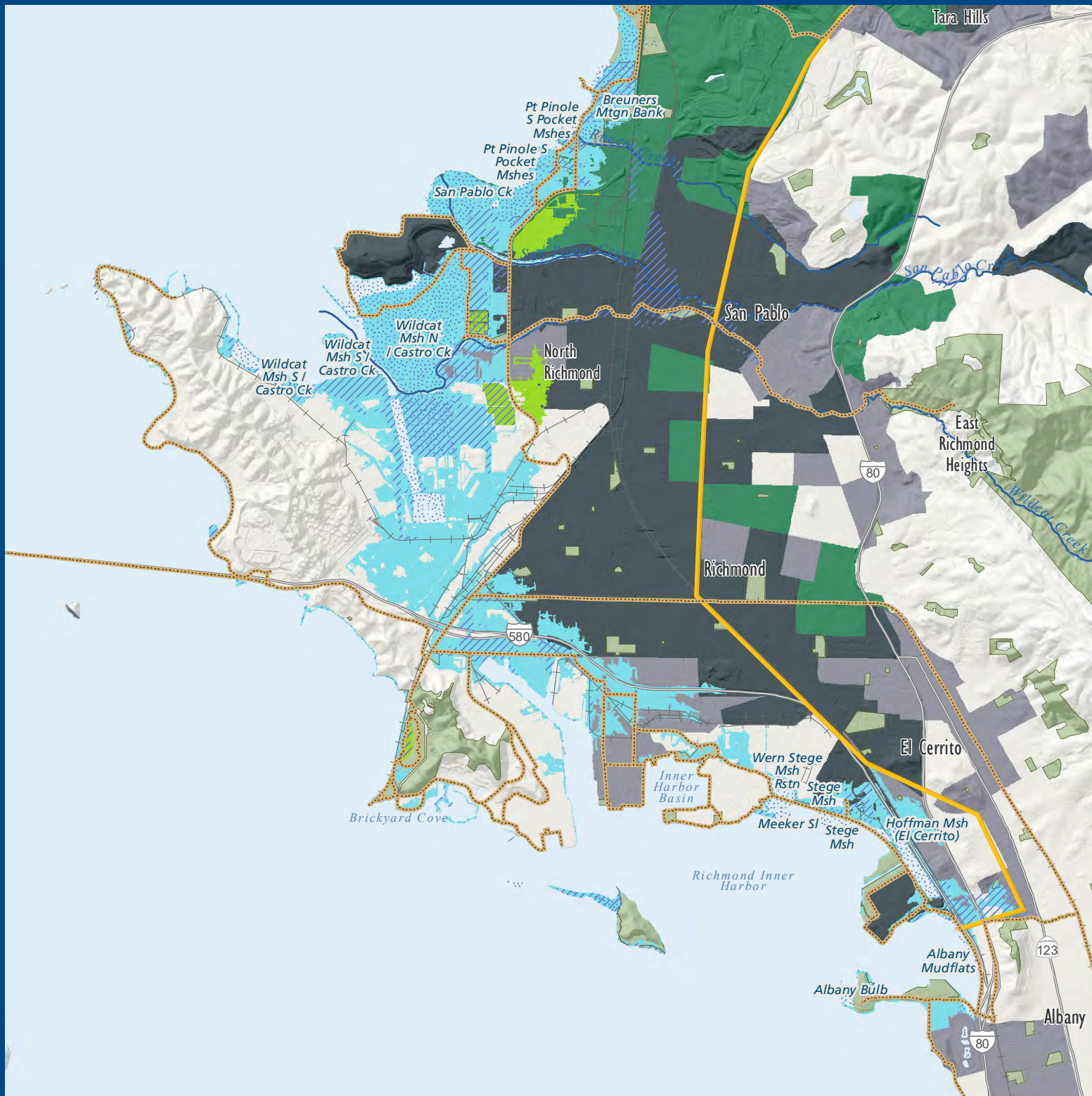
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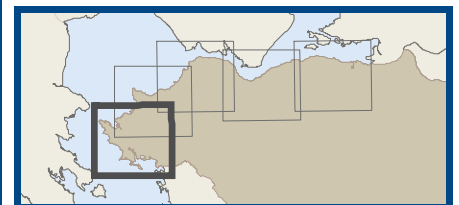


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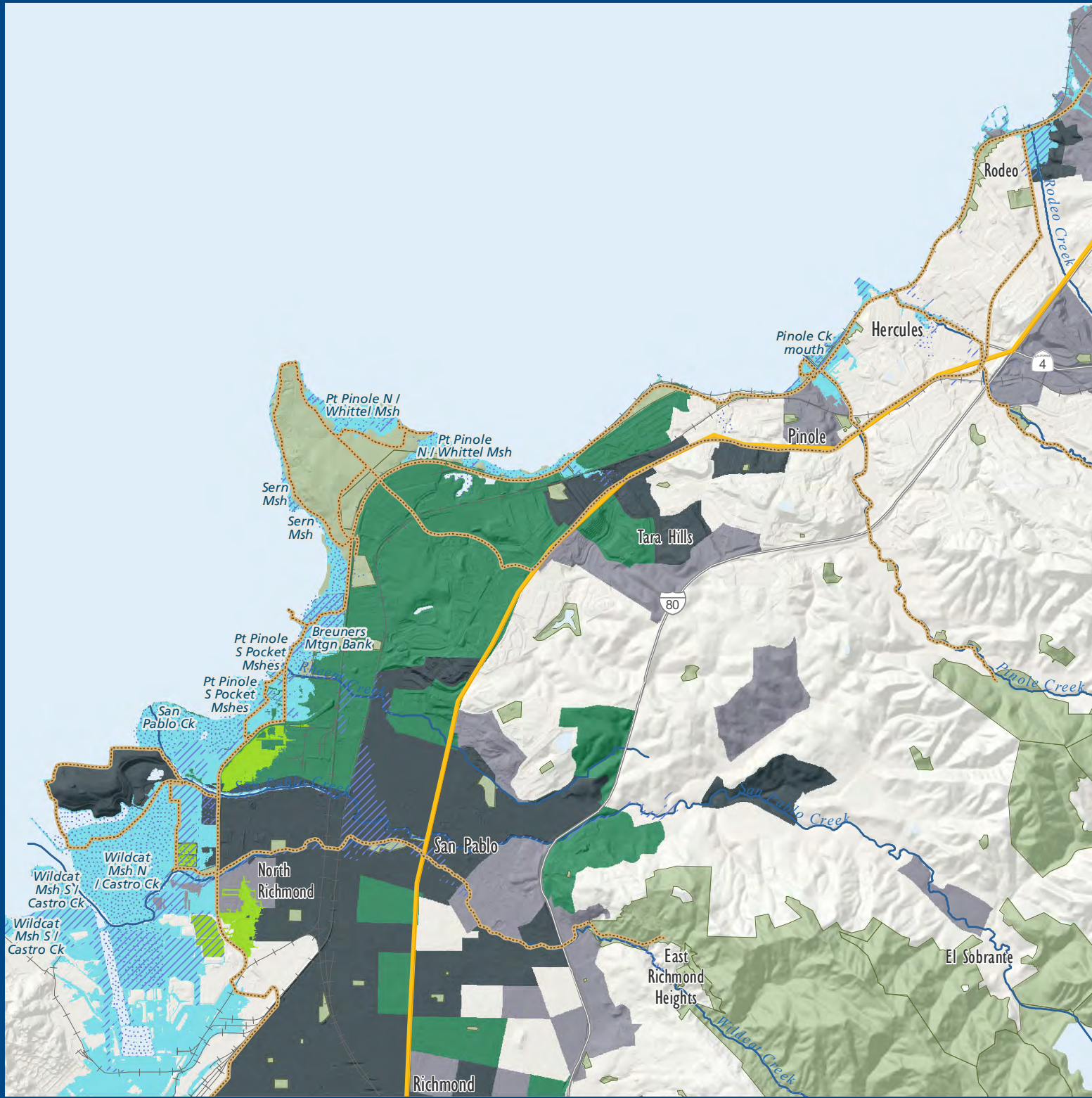
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







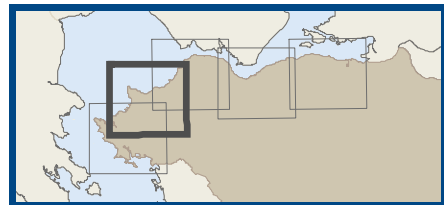
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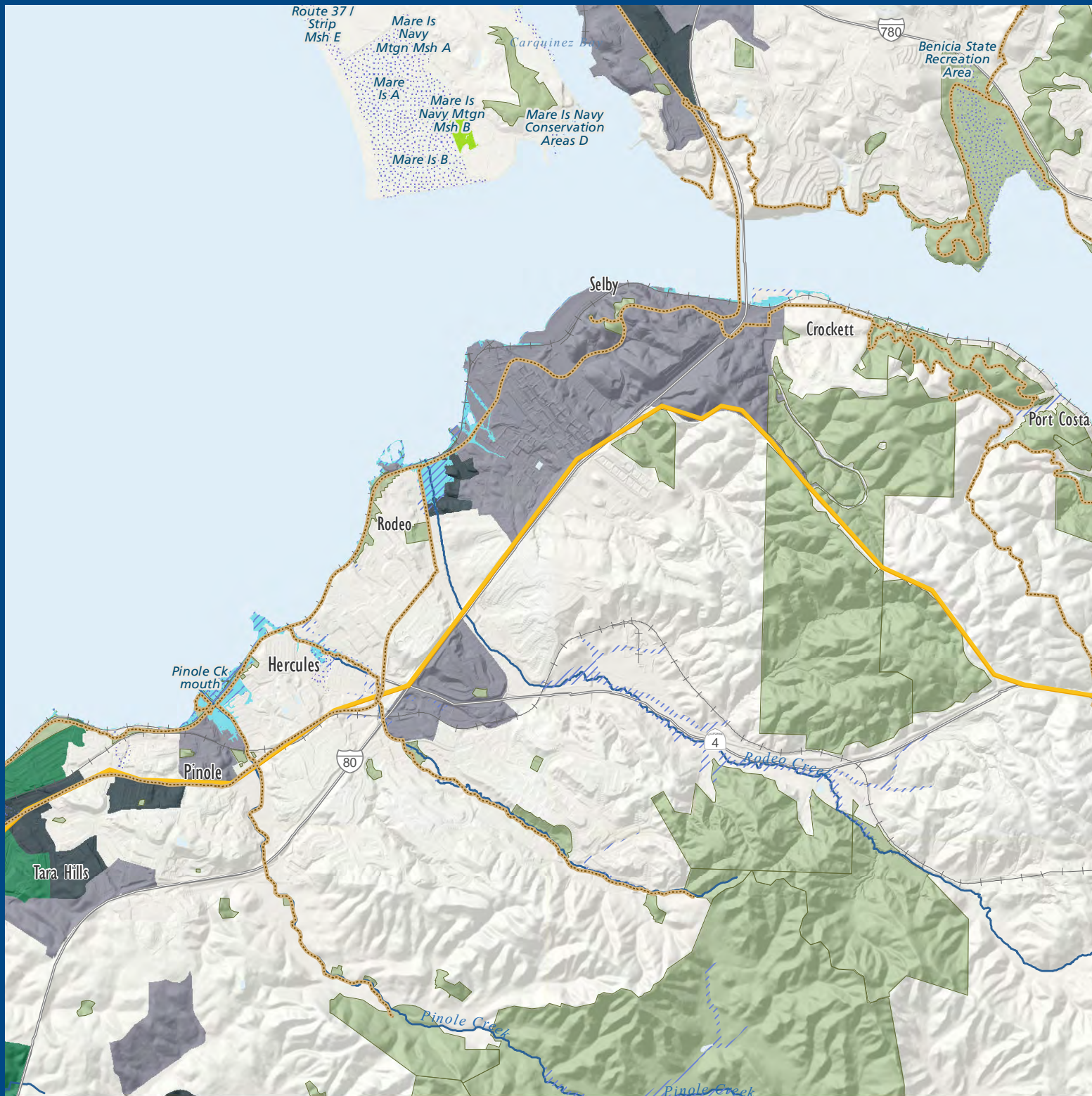














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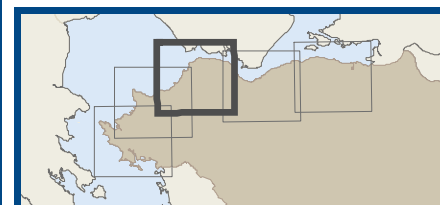


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Community Indicators: Education & Income
Contra Costa ART Project



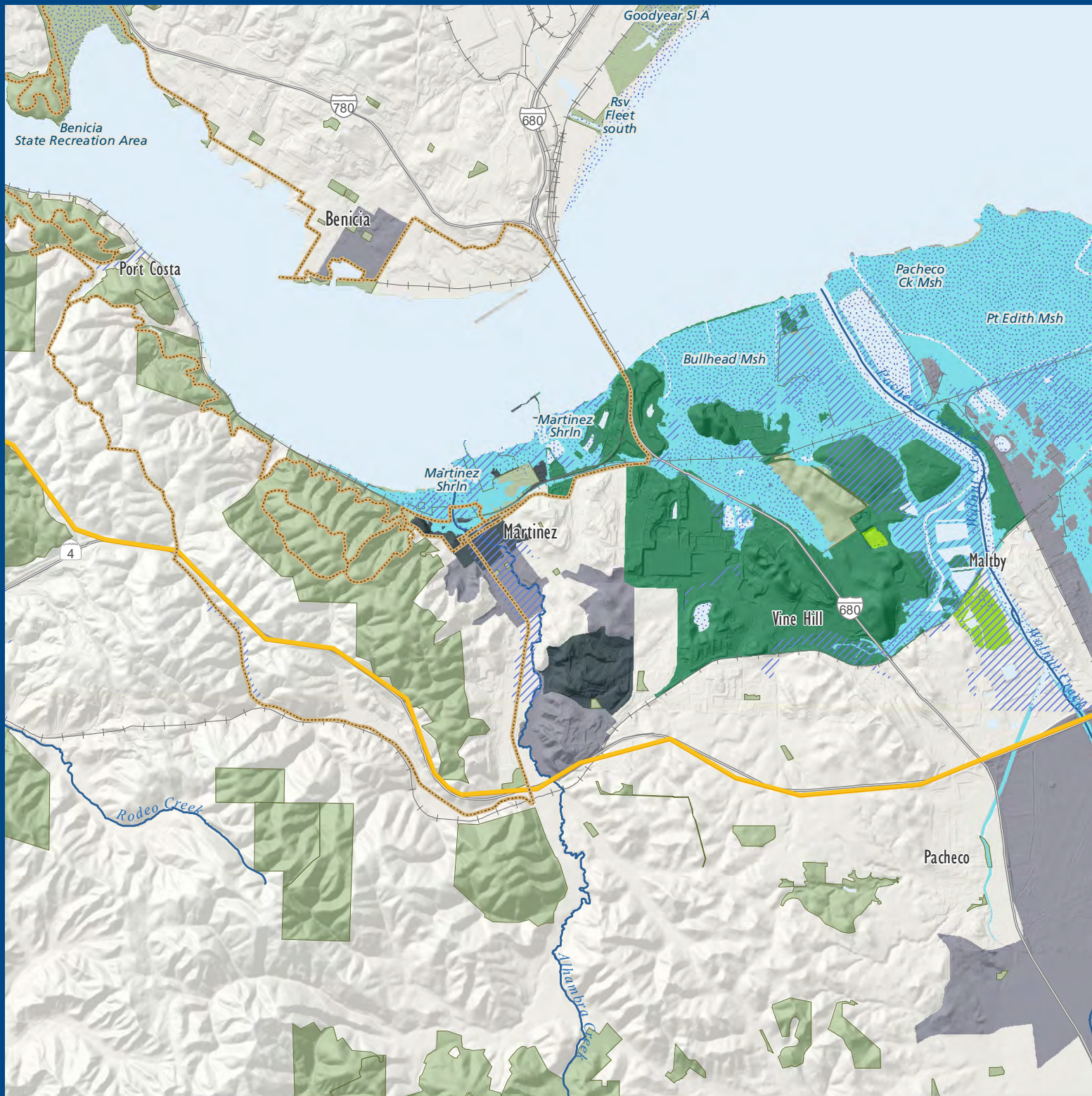
-  **Project Area**
-  **Equivalent Water Levels:**
 100 - yr tide + 36" SLR
 50 - yr tide + 48" SLR
 MHHW + 77" SLR
-  **FEMA 100 - yr Flood Zone**
-  **Hydraulically Disconnected Areas > 1 Acre**
-  **Major Wetlands and Water Bodies**
-  **Existing Bay Trail**
-  **Railroad**
-  **Highway**
-  **Parks and Open Spaces**
- Community Indicators**
-  **Concentration of Very Low Income Households**
-  **Low High School Graduation Rates**
-  **Very Low Income and Low Graduation Rates**















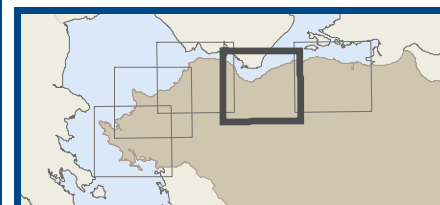
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Data Source: 2010-2014 ACS, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

Community Indicators: Education & Income
Contra Costa ART Project

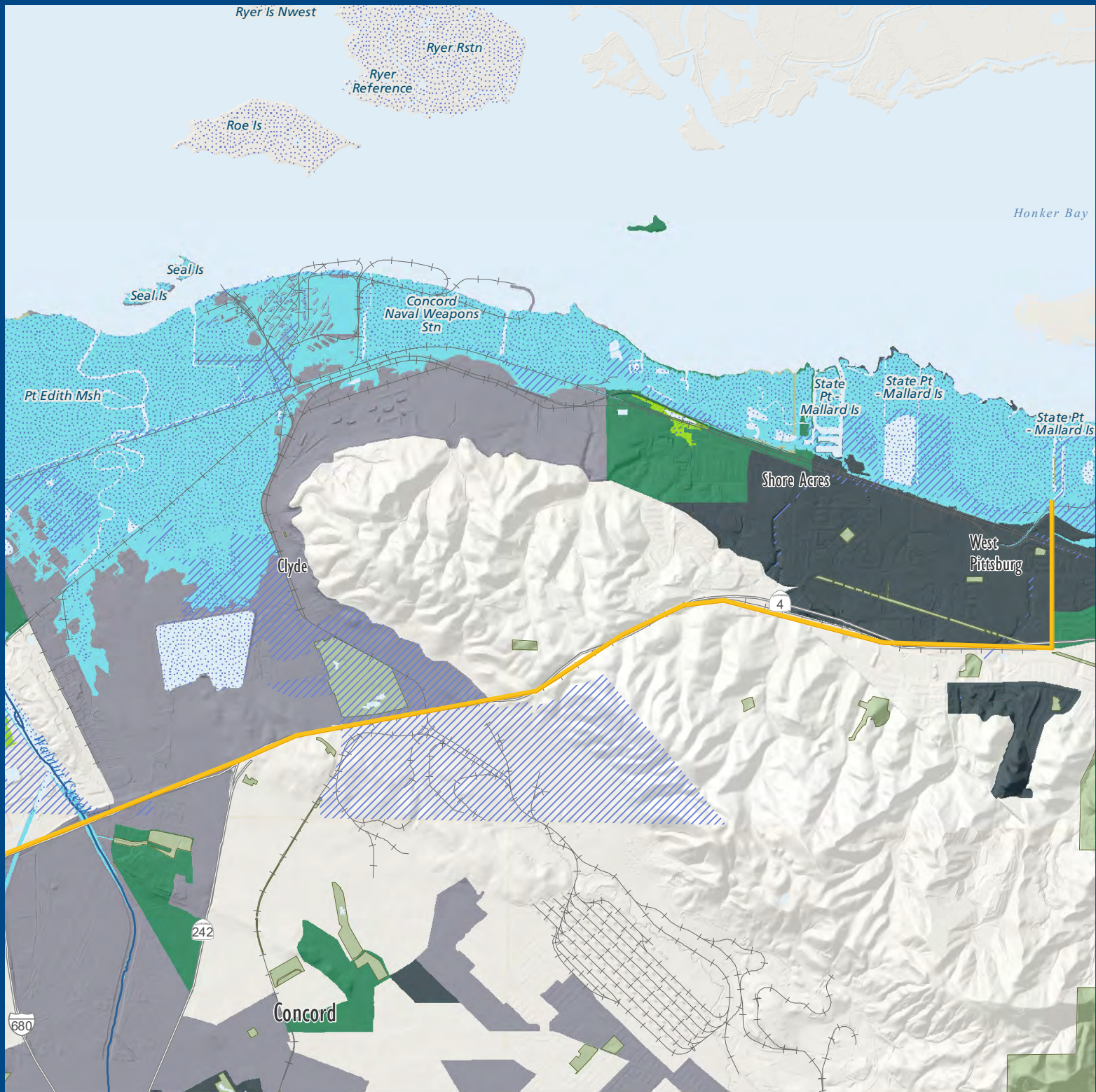


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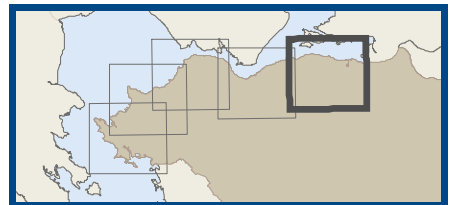
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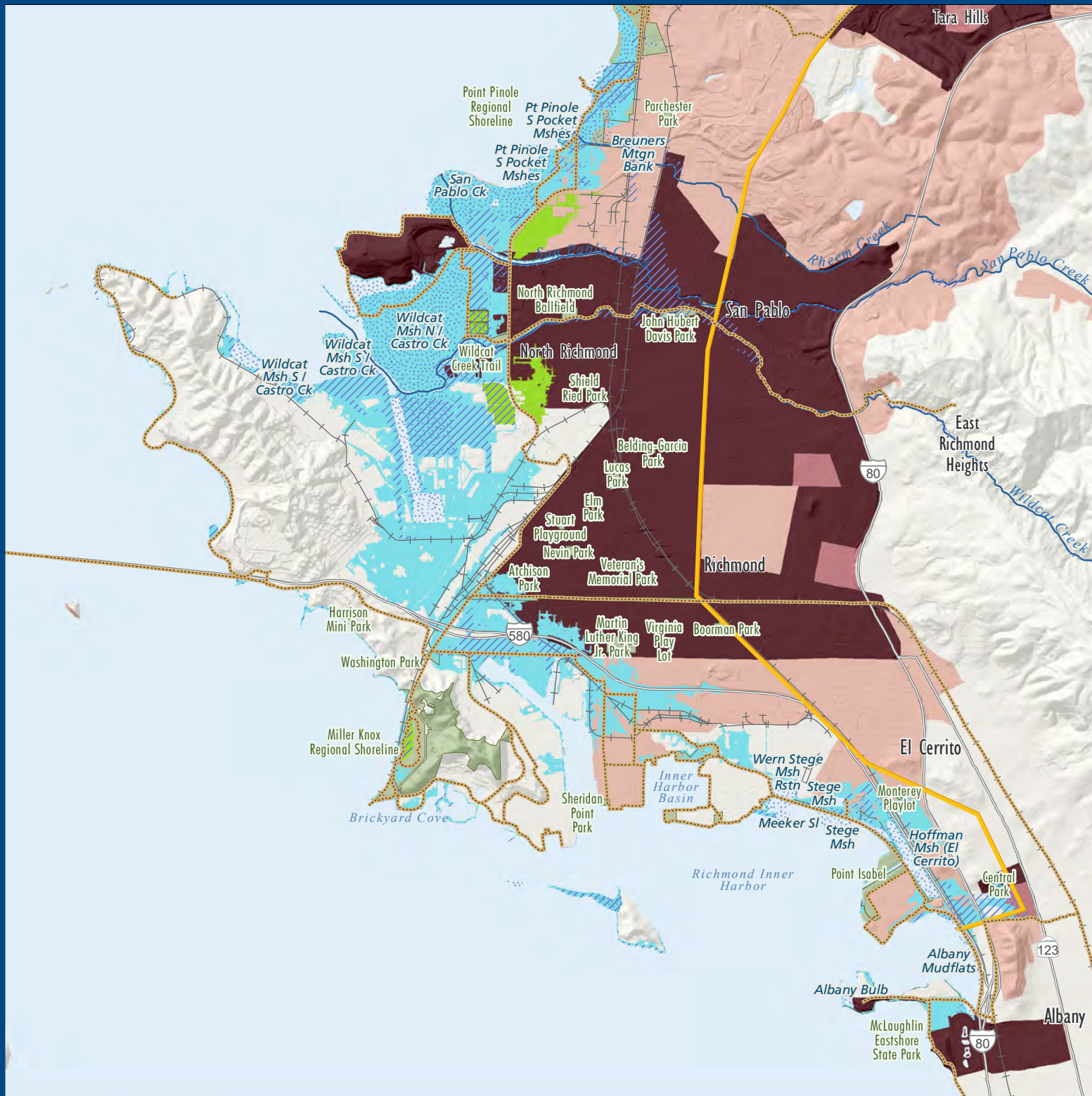
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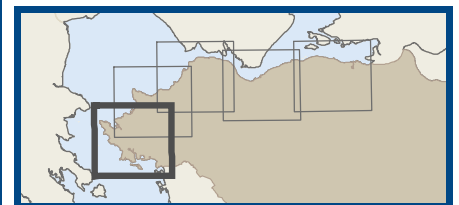
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**Community Indicators:
Limited English Speakers & People of Color
Contra Costa ART Project**



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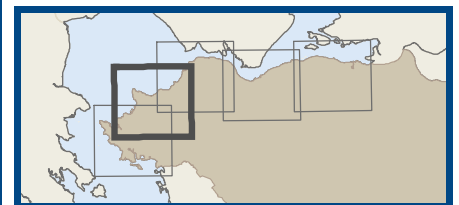
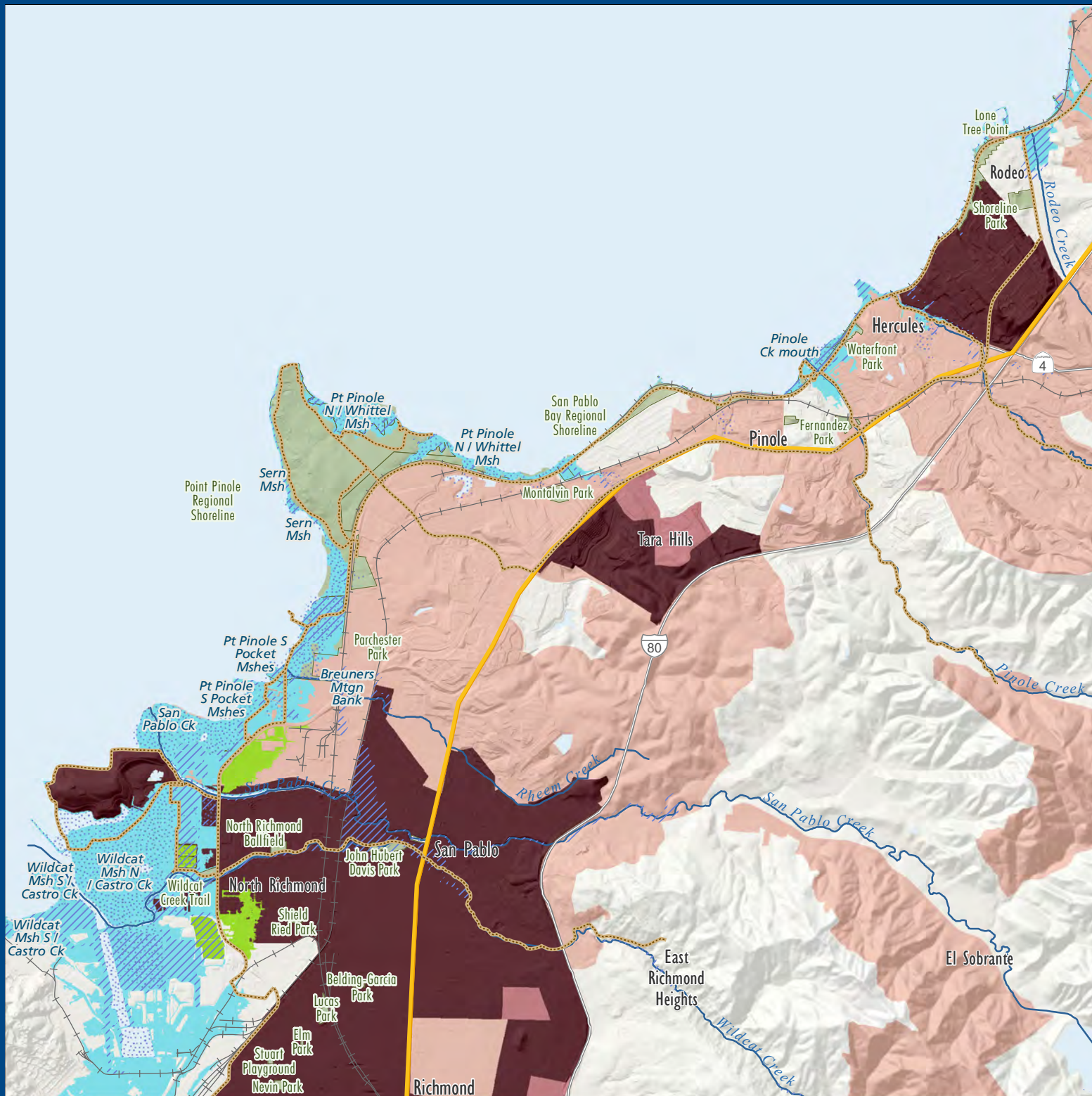
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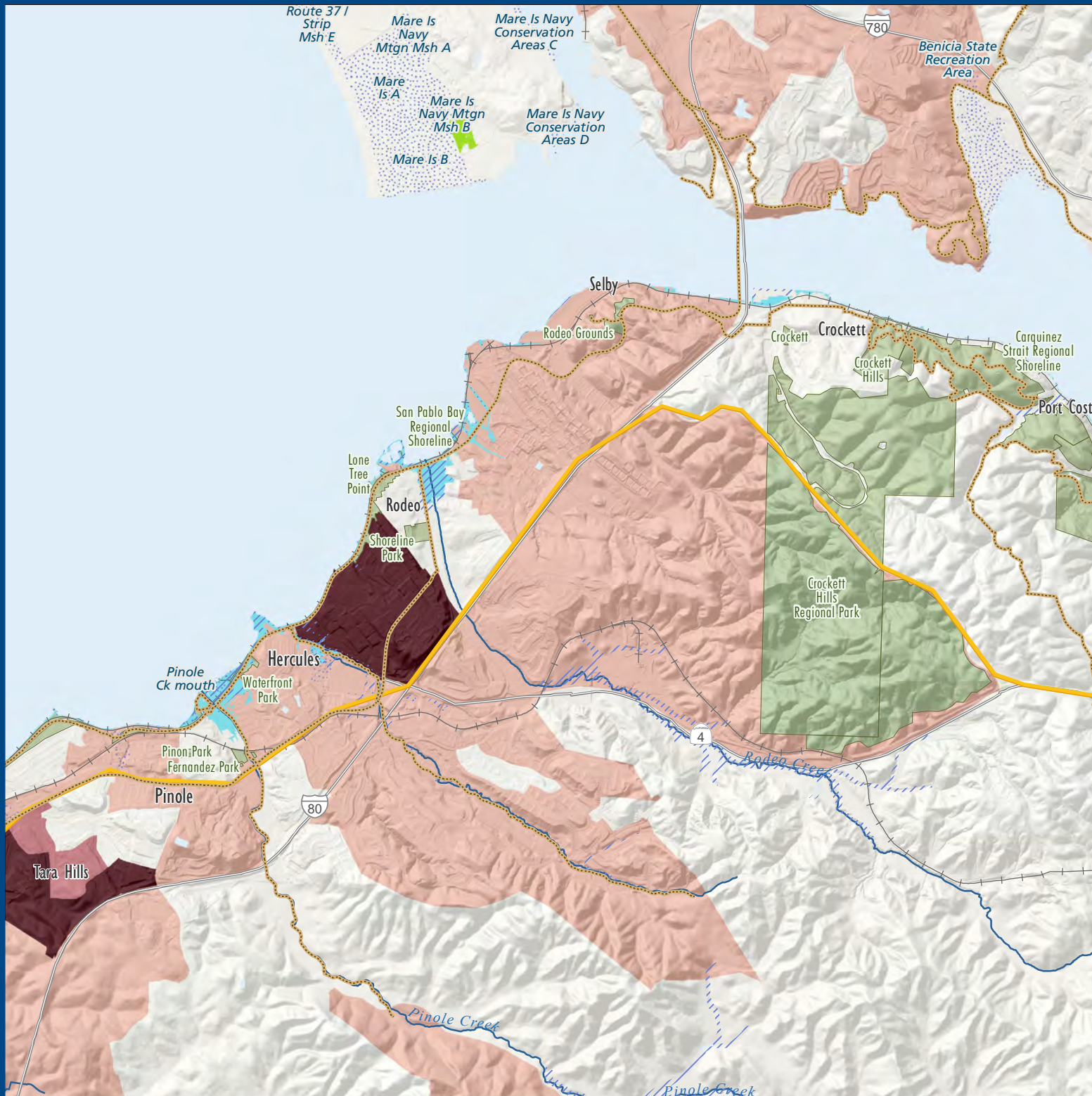














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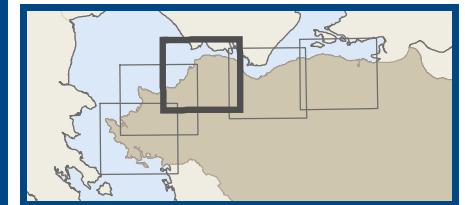
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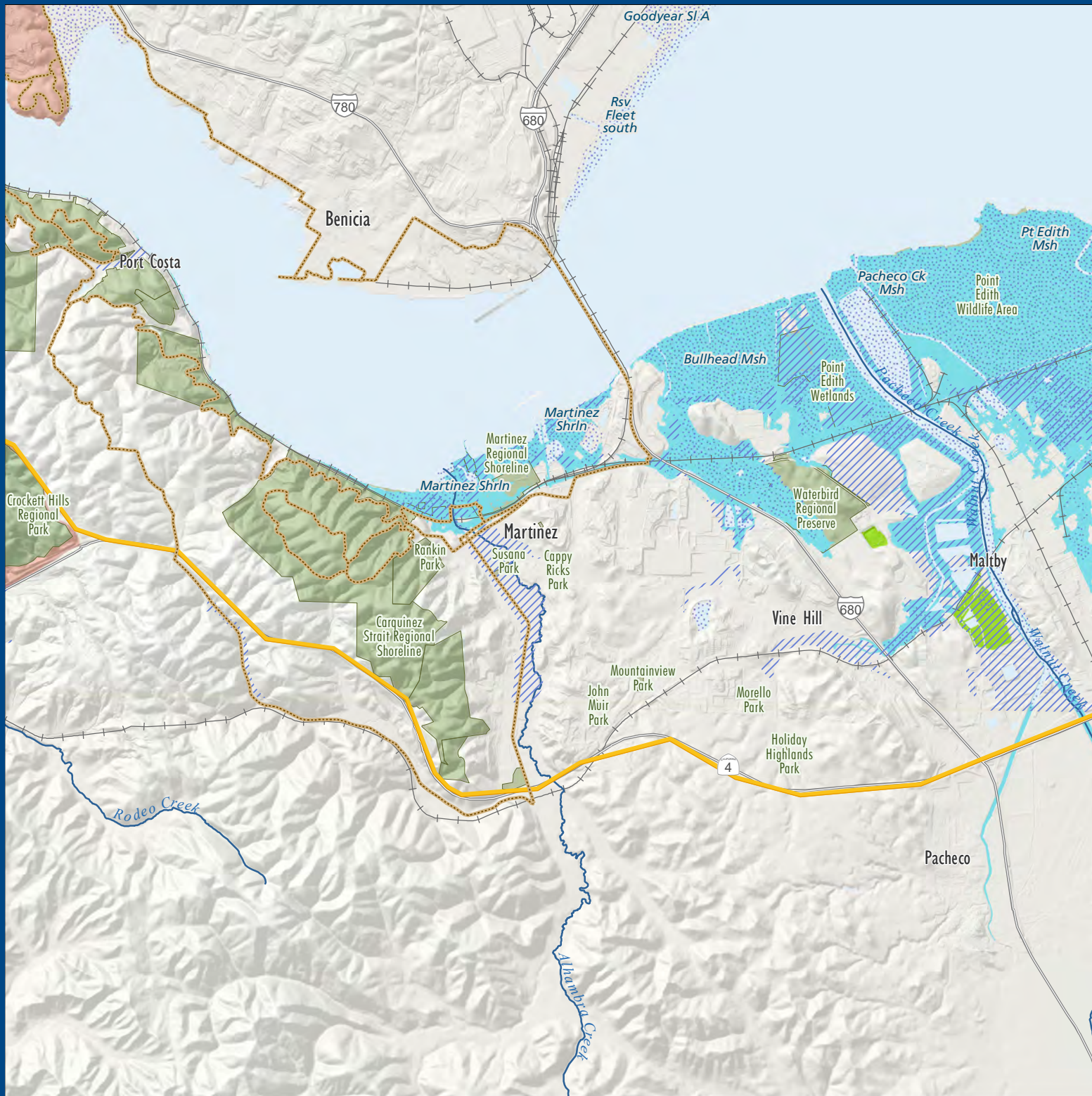














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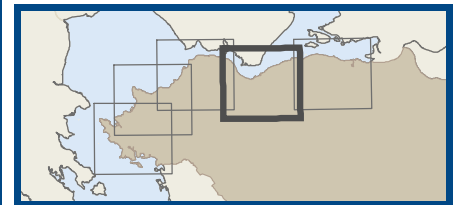
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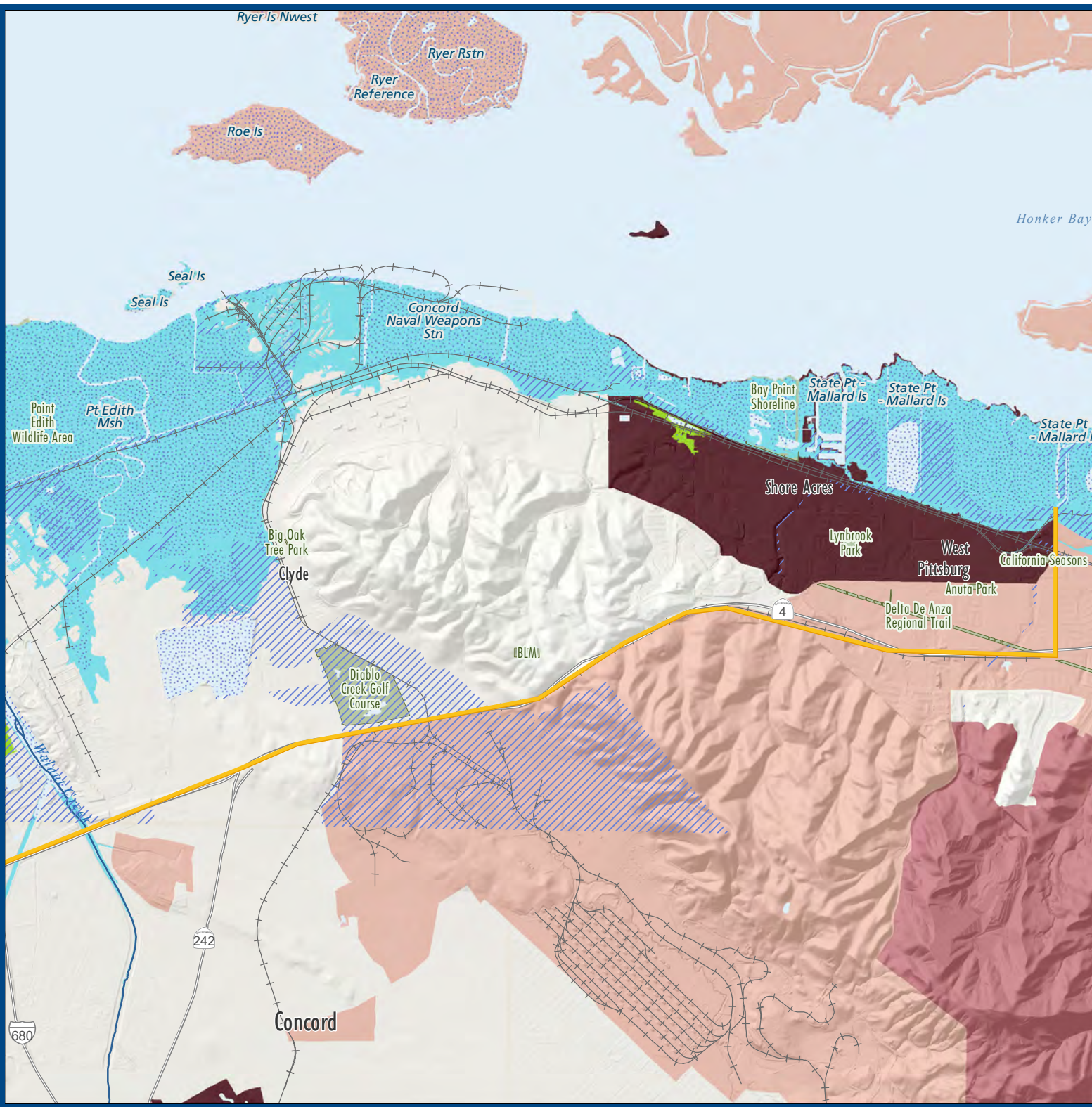














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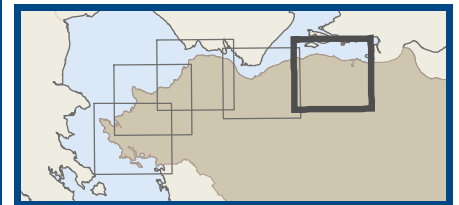
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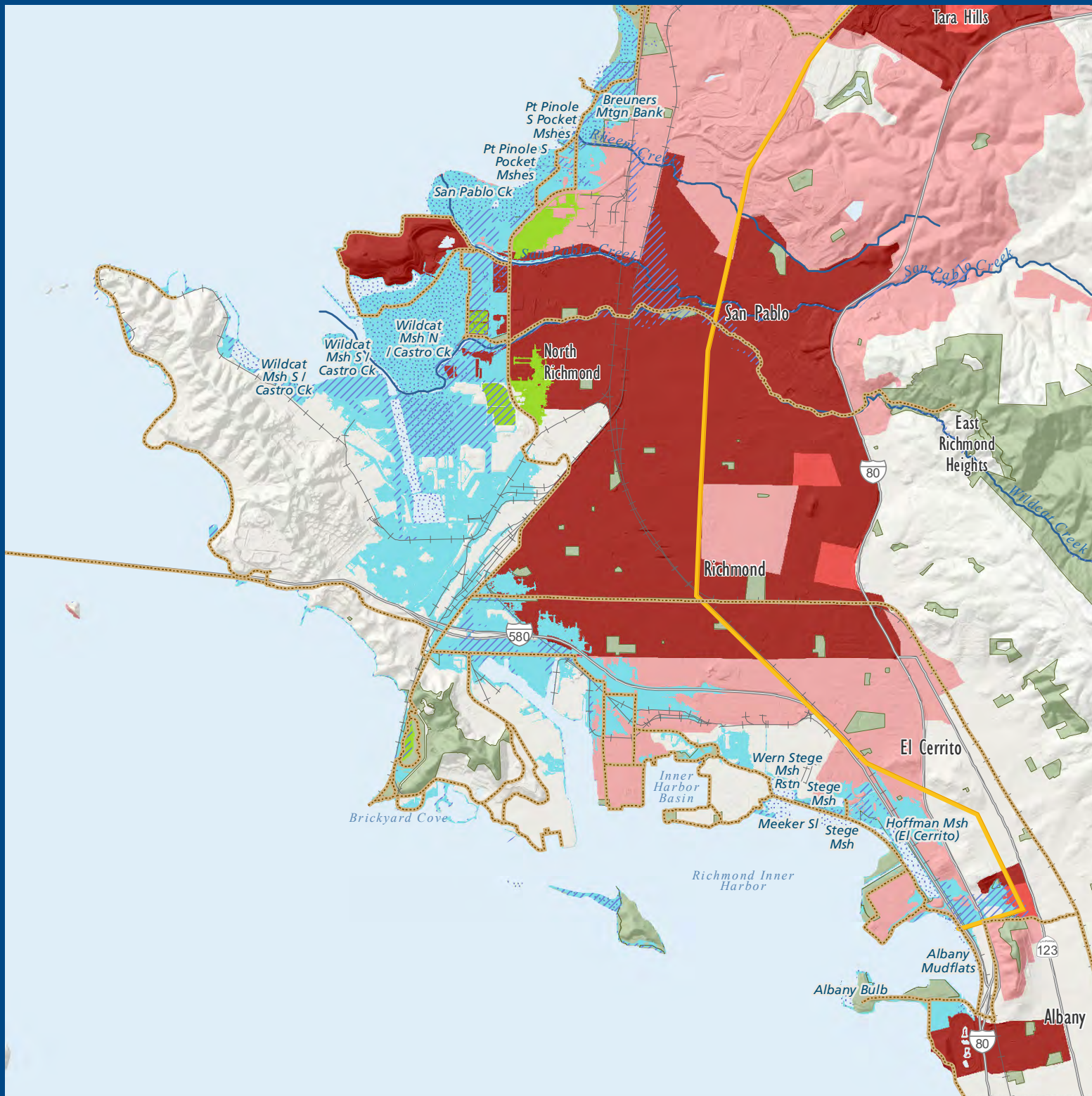


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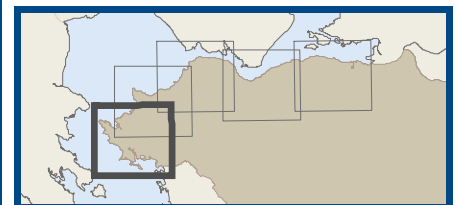
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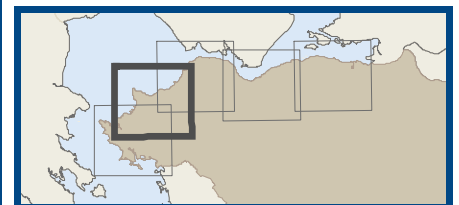
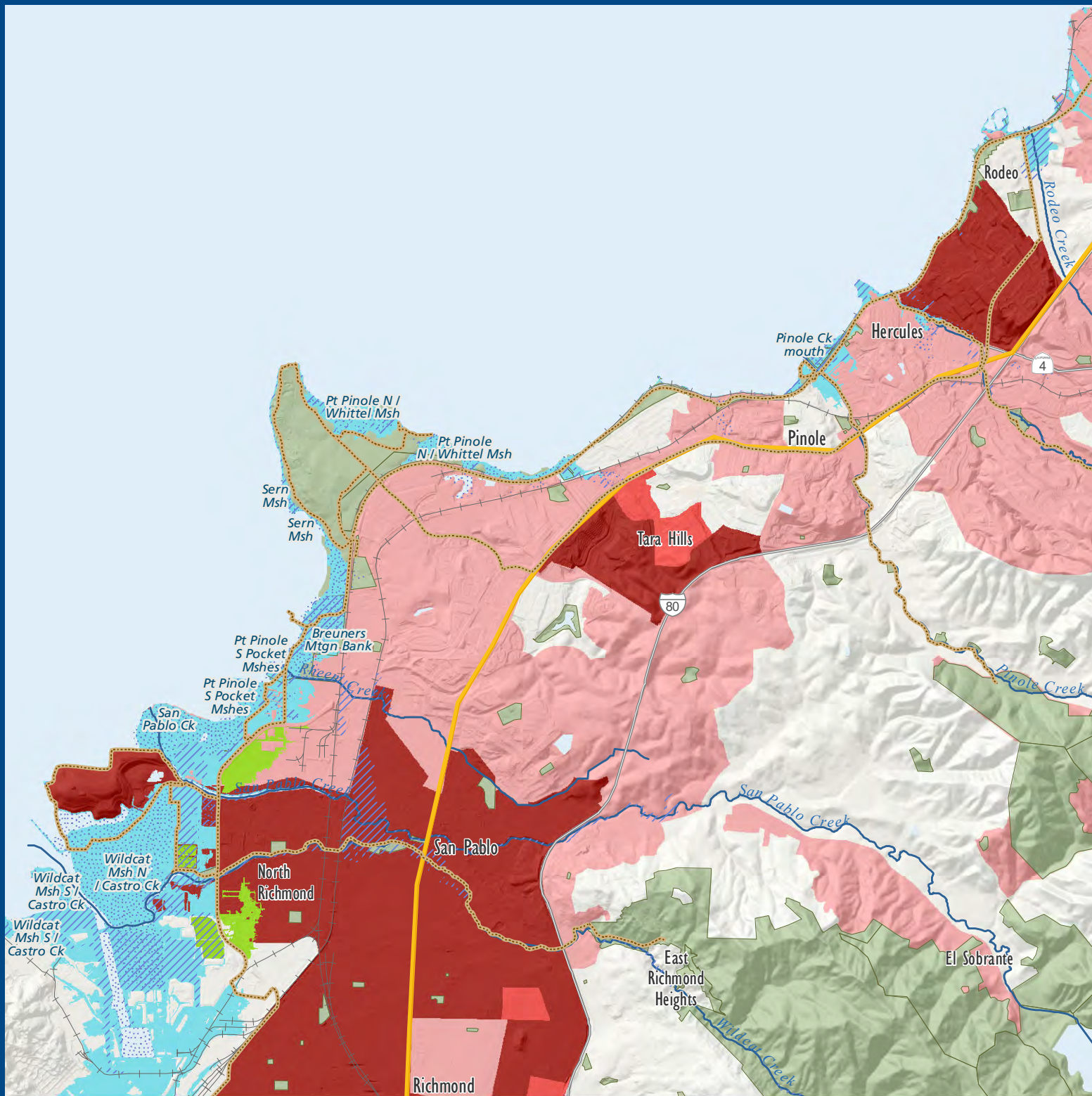


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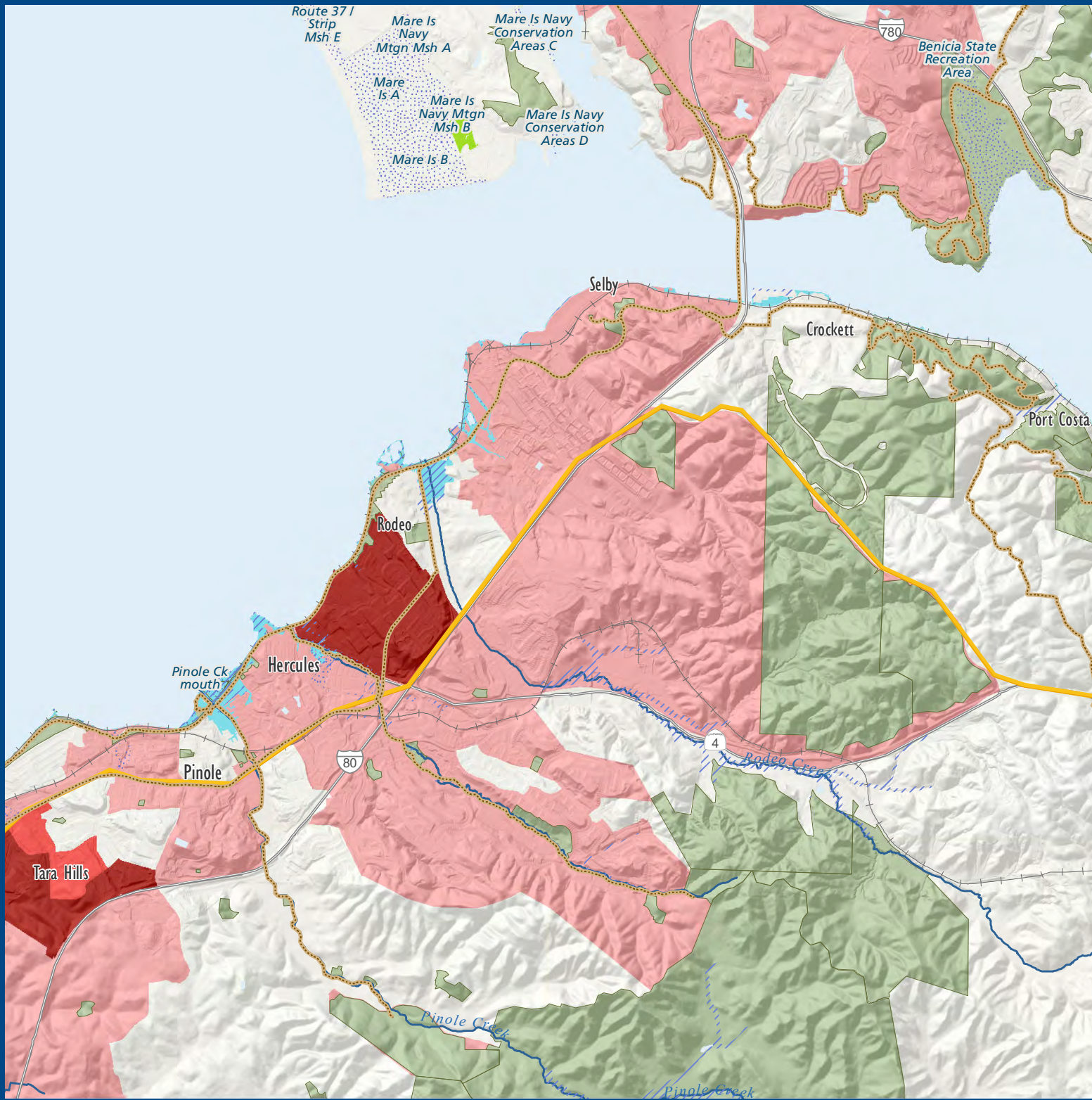
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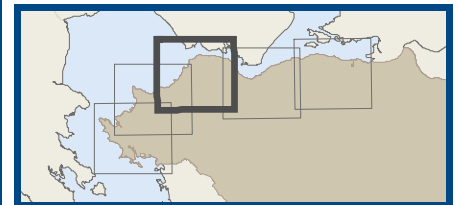
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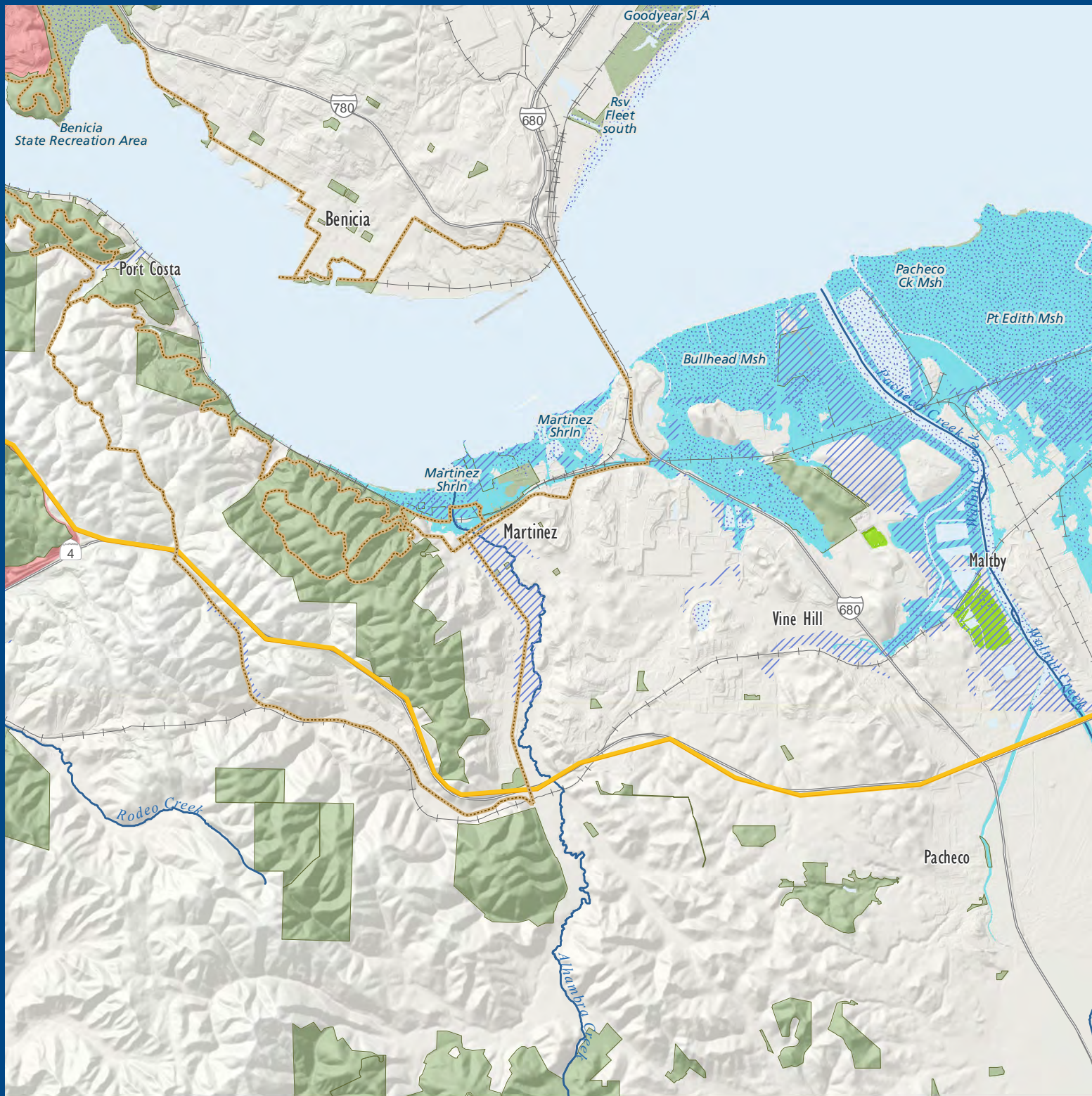
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







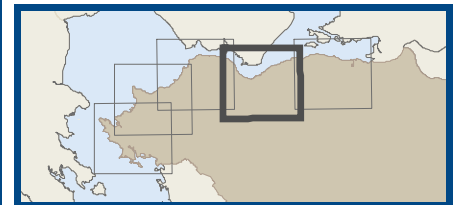
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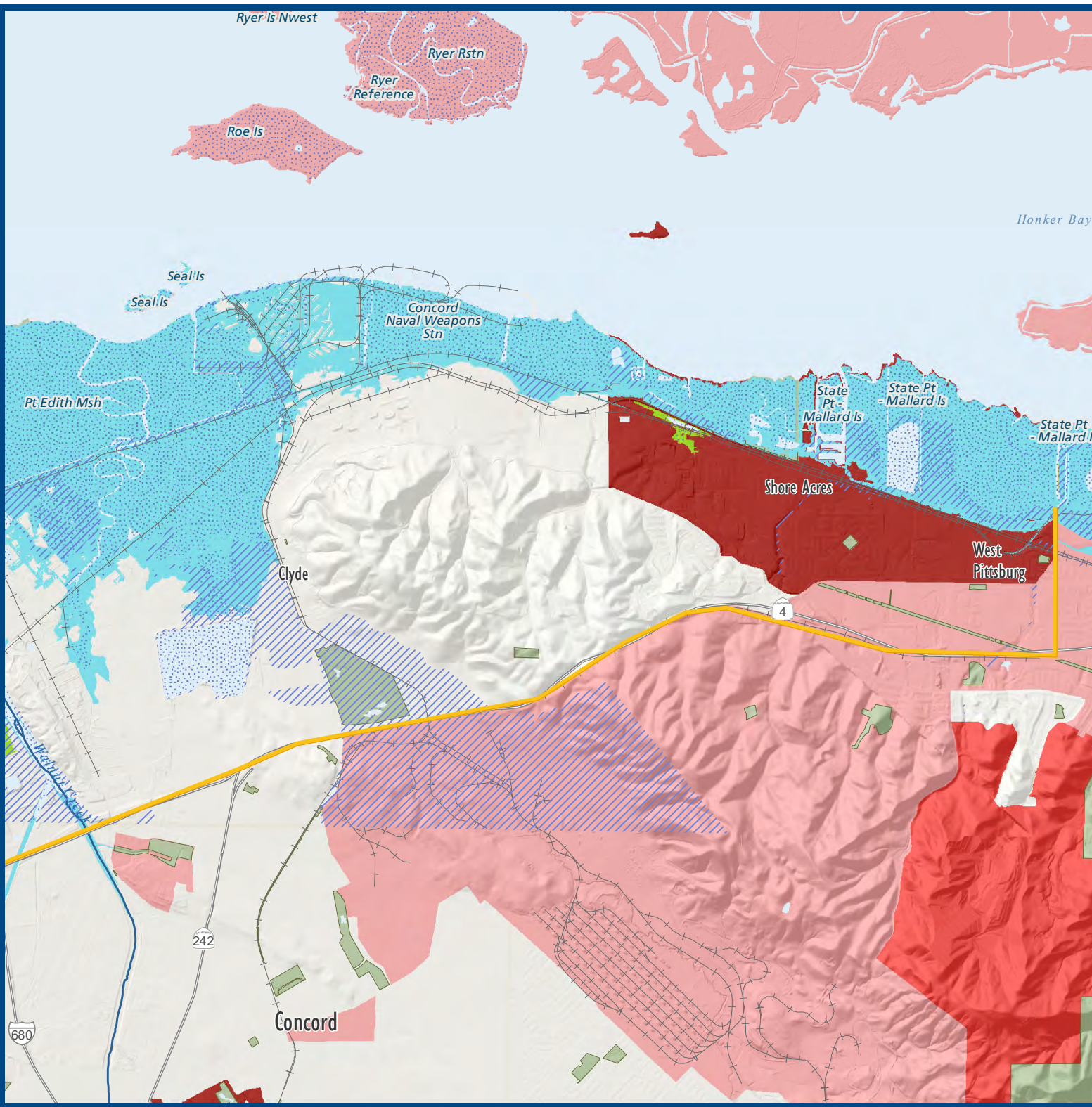
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







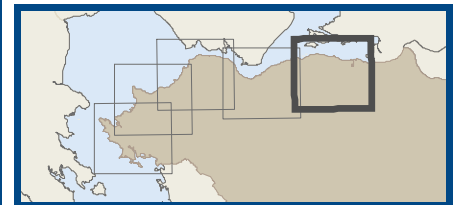
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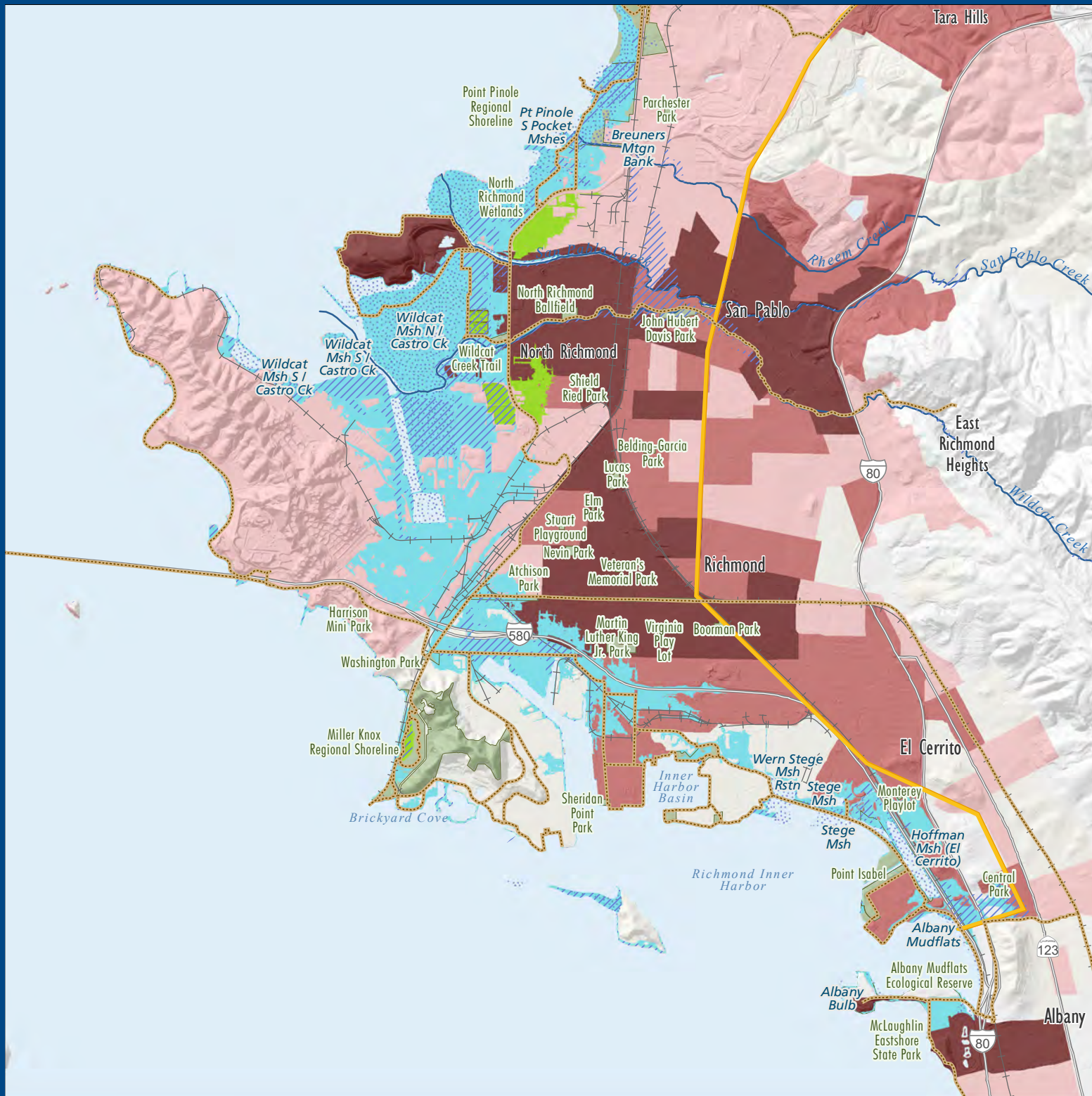
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**Community Indicators: Count of Community Indicators Per Block Group
Contra Costa ART Project**



Project Area

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FEMA 100 - yr Flood Zone

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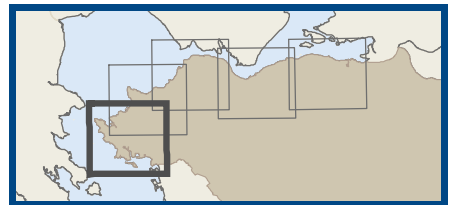
Highway

Parks and Open Spaces

Number of Community Indicators

- 3 - 4
- 5 - 6
- 7 - 10

- Community Indicator Descriptions:**
1. Households without a proficient English speaker 15 years and older
 2. Households without a vehicle
 3. Housing cost burdened households
 4. Persons of color
 5. Persons 25 years and older without a high school degree
 6. Persons 75 and older
 7. Persons under 5
 8. Rental households
 9. Transportation cost burdened households
 10. Very low income households



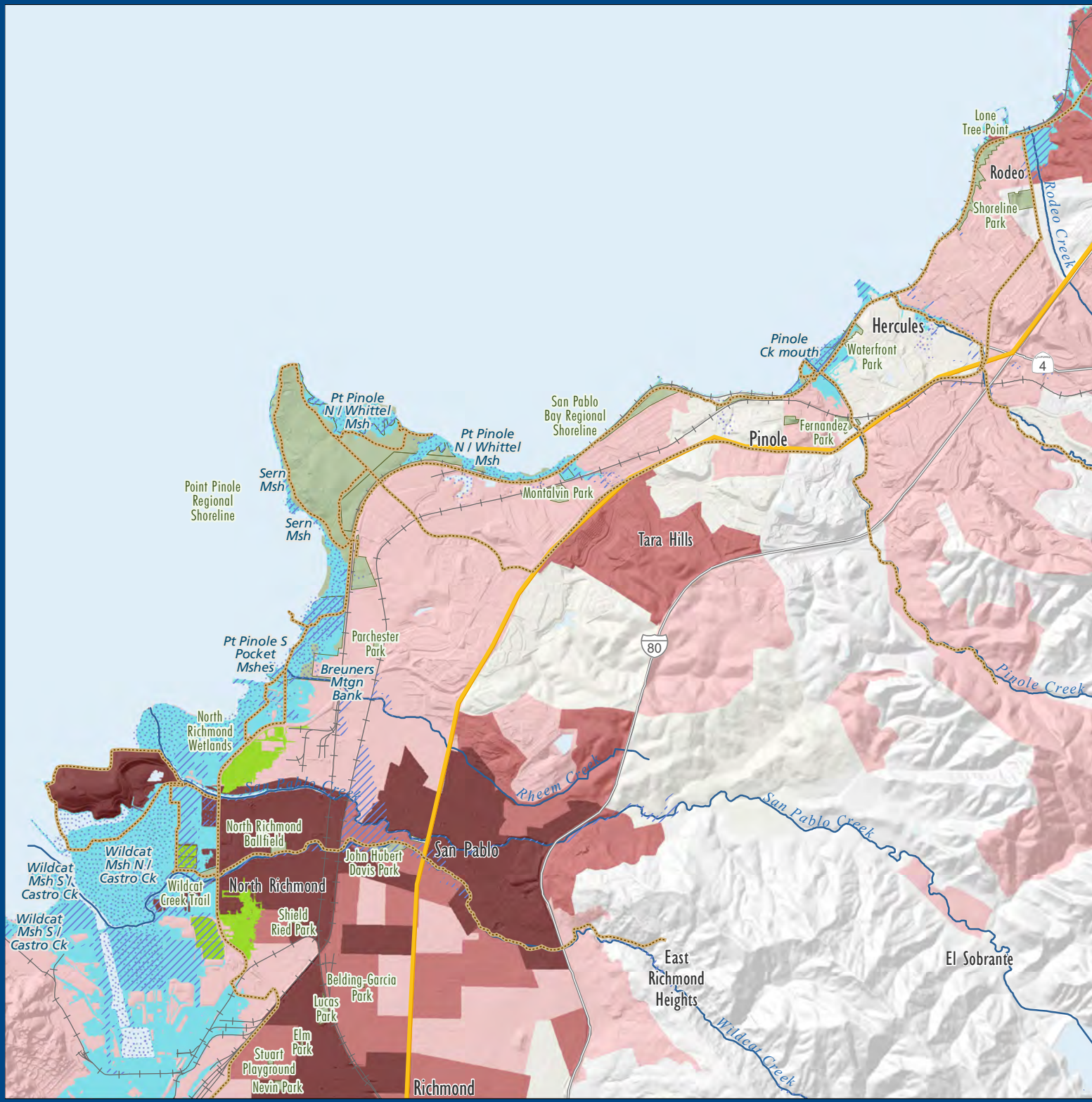
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Data Source: 2010-2014 ACS, Center for Neighborhood Technology, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

Map created by GreenInfo Network.

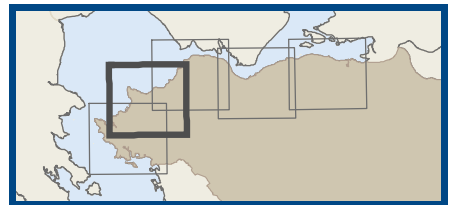
**Community Indicators: Count of Community Indicators Per Block Group
Contra Costa ART Project**



- Project Area
- Equivalent Water Levels:
100 - yr tide + 36" SLR
50 - yr tide + 48" SLR
MHHW + 77" SLR
- FEMA 100 - yr Flood Zone
- Disconnected Areas > 1 Acre
- Major Wetlands and Water Bodies
- Existing Bay Trail
- Railroad
- Highway
- Parks and Open Spaces

- Number of Community Indicators**
- 3 - 4
 - 5 - 6
 - 7 - 10

- Community Indicator Descriptions:**
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 5. Persons 25 years and older without a high school degree
 6. Persons 75 and older
 7. Persons under 5
 8. Rental households
 9. Transportation cost burdened households
 10. Very low income households

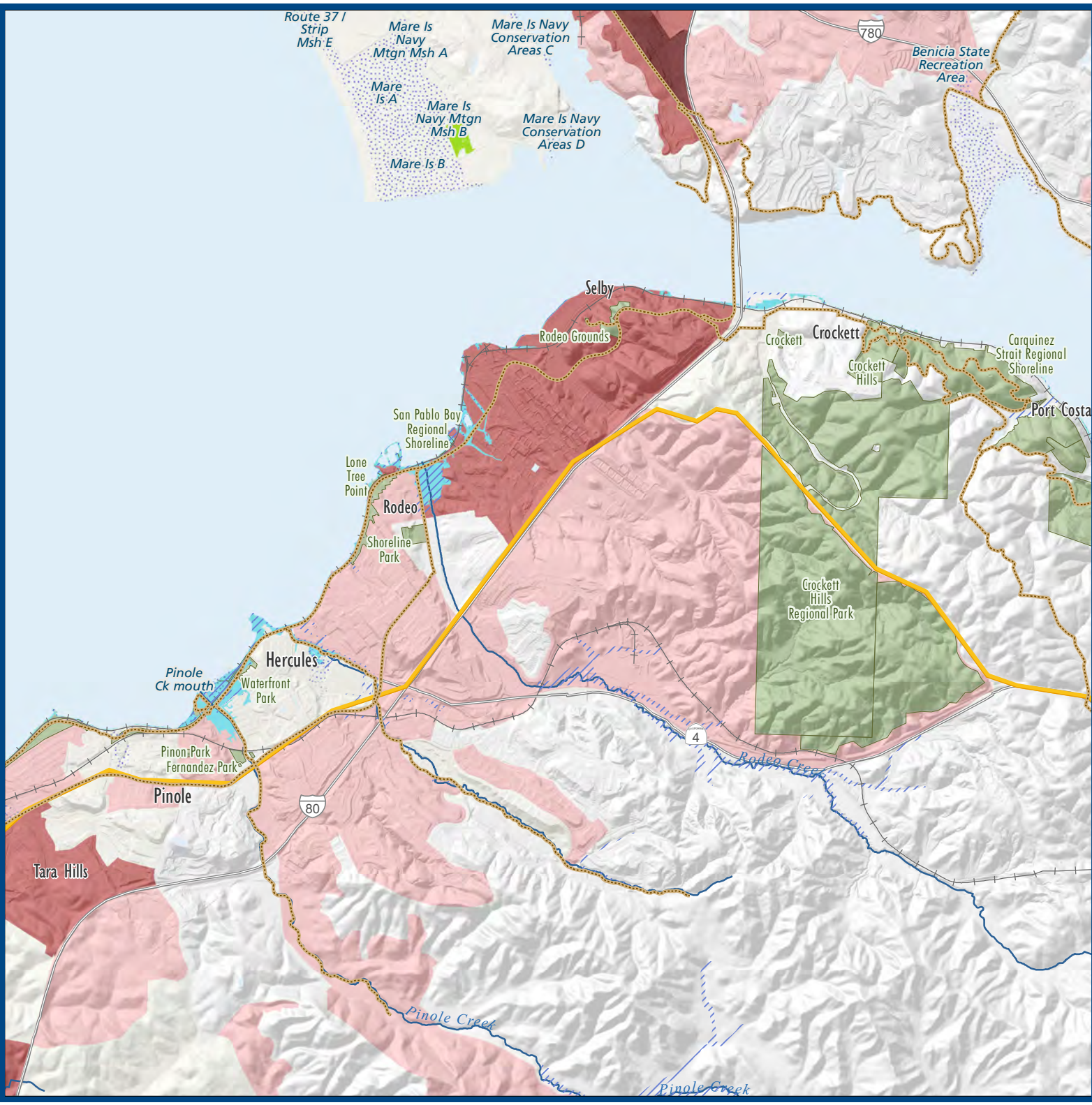


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



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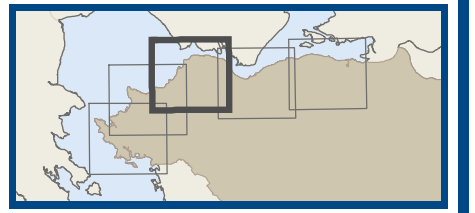
Map created by GreenInfo Network.



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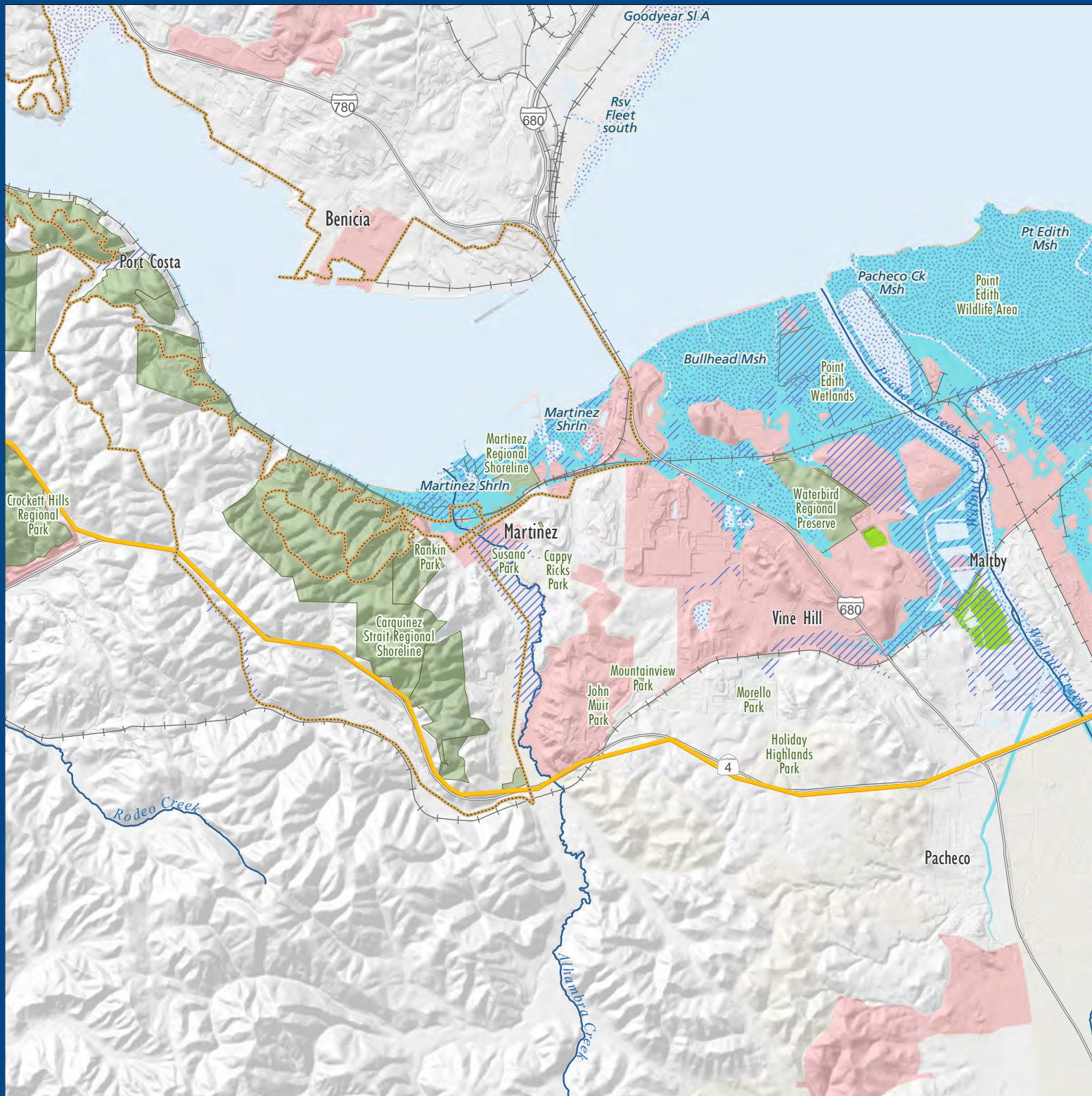


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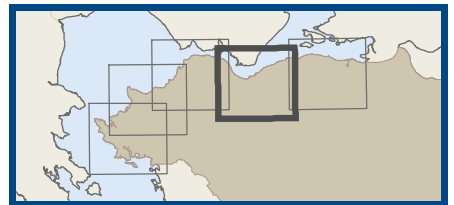
Data Source: 2010-2014 ACS, Center for Neighborhood Technology, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

**Community Indicators: Count of Community Indicators Per Block Group
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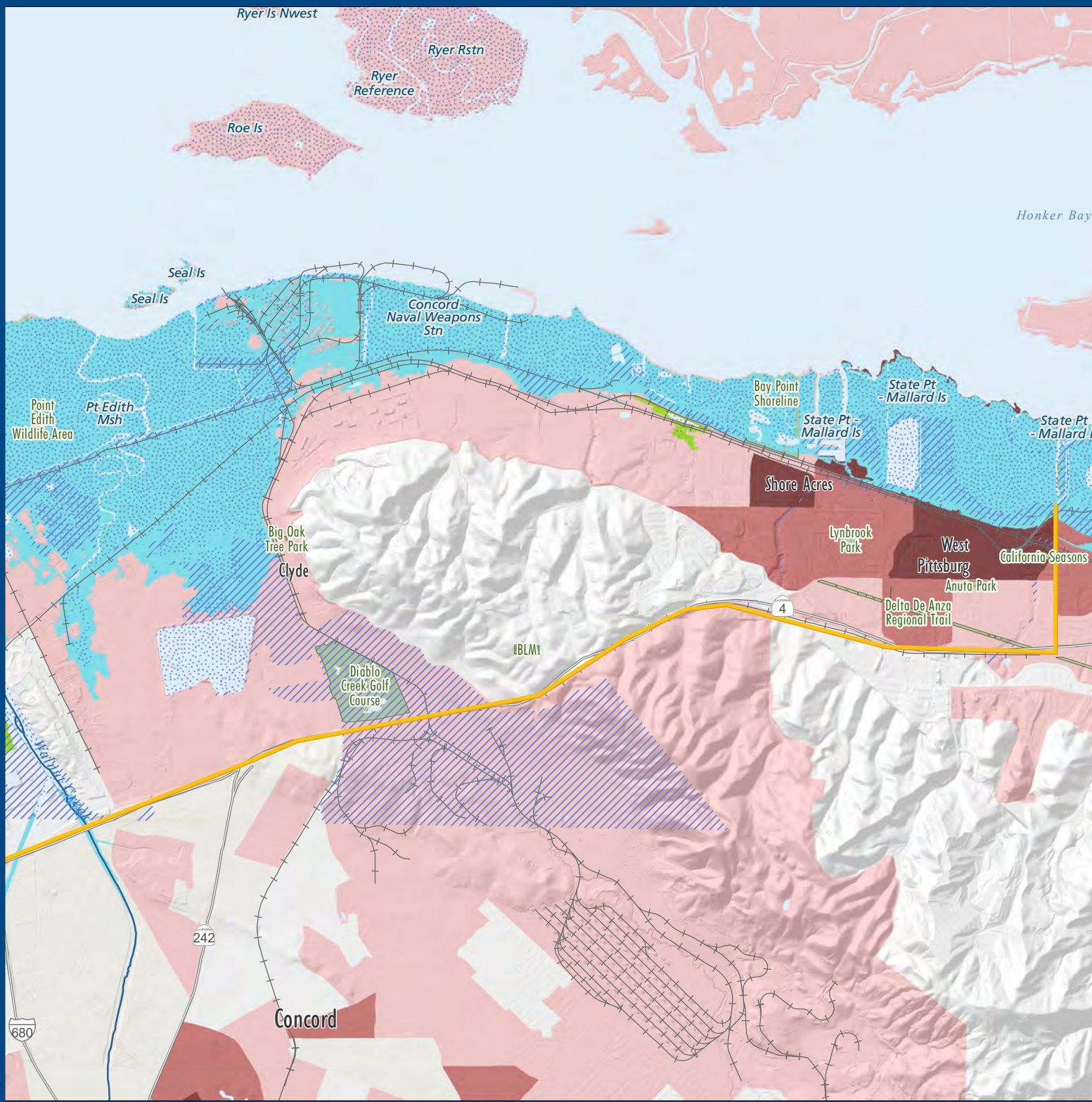


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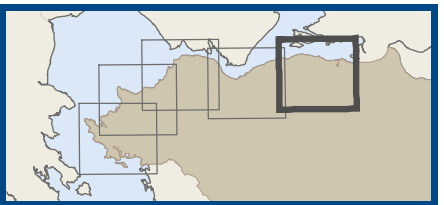
Map created by GreenInfo Network.



**Community Indicators: Count of Community Indicators Per Block Group
Contra Costa ART Project**

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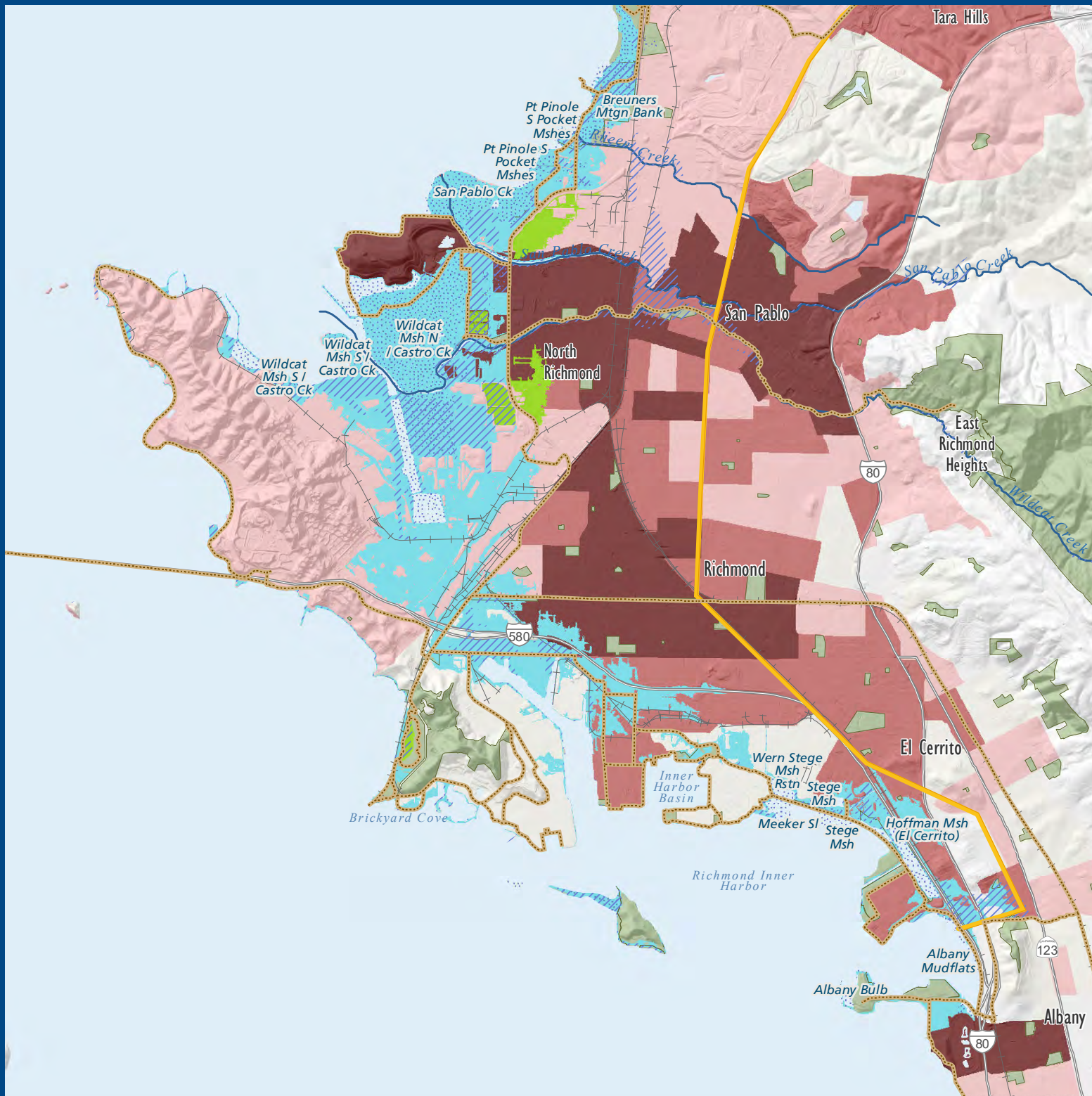
Data Source: 2010-2014 ACS, Center for Neighborhood Technology, BCDC, BAANI, FEMA, Bay Trail, CPAD, ESRI.

Map created by GreenInfo Network.

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**Community Indicators: Count of Community Indicators Per Block Group
Contra Costa ART Project**

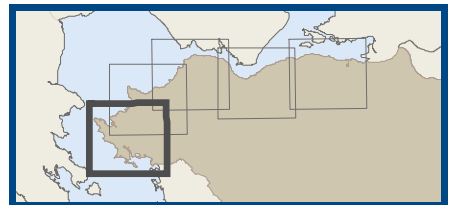


- Project Area
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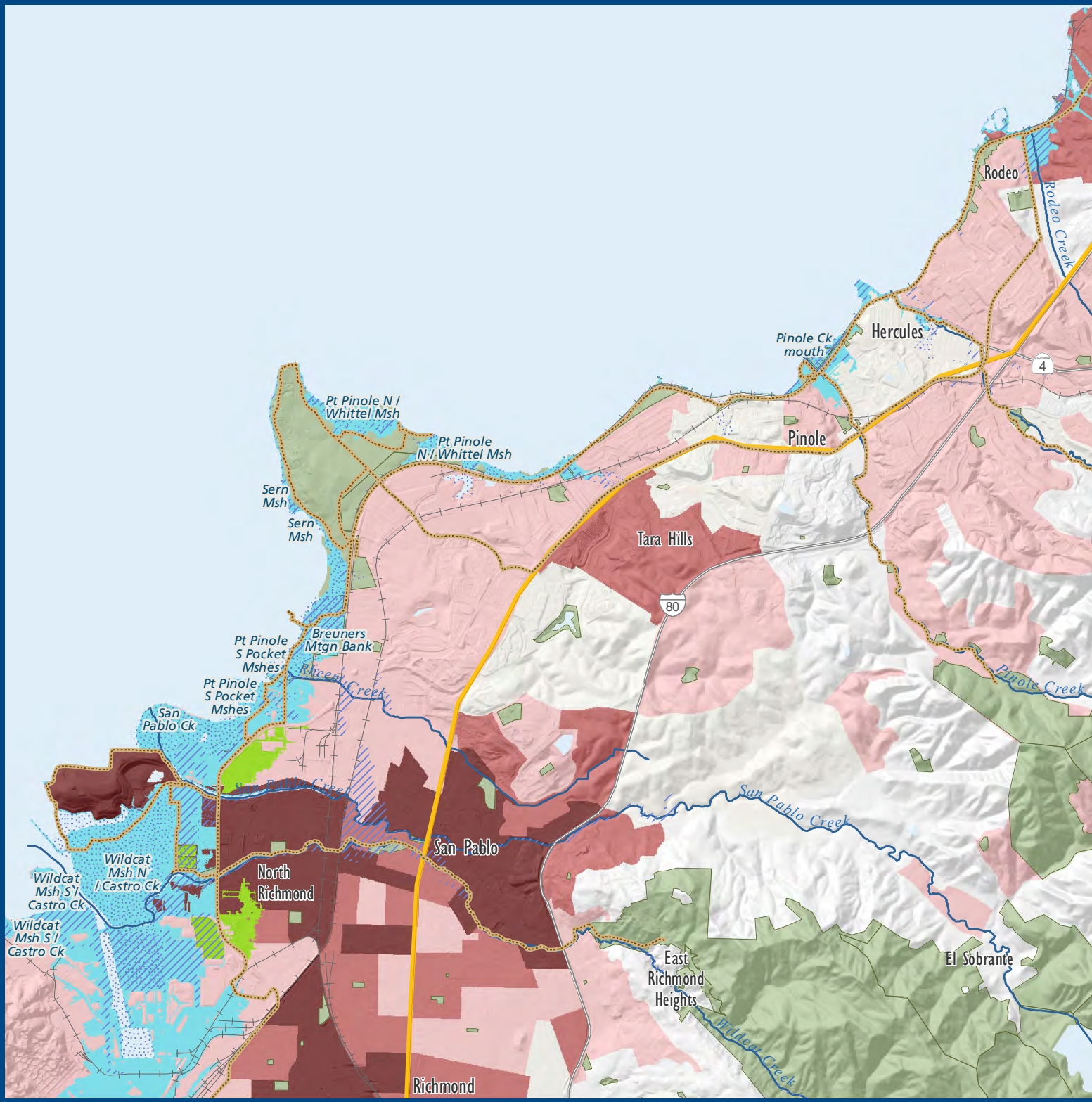


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Community Indicator Methods: Block groups were identified if they met a triggering level for each indicator, based on the regional mean plus half a standard deviation.

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**Community Indicators: Count of Community Indicators Per Block Group
Contra Costa ART Project**

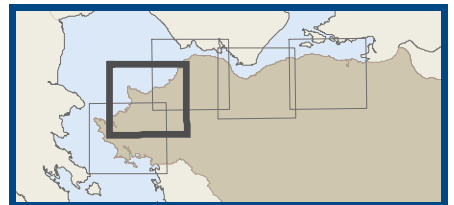


- Project Area
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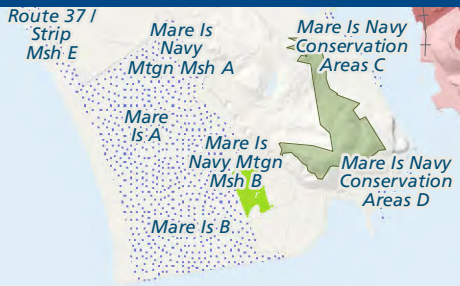
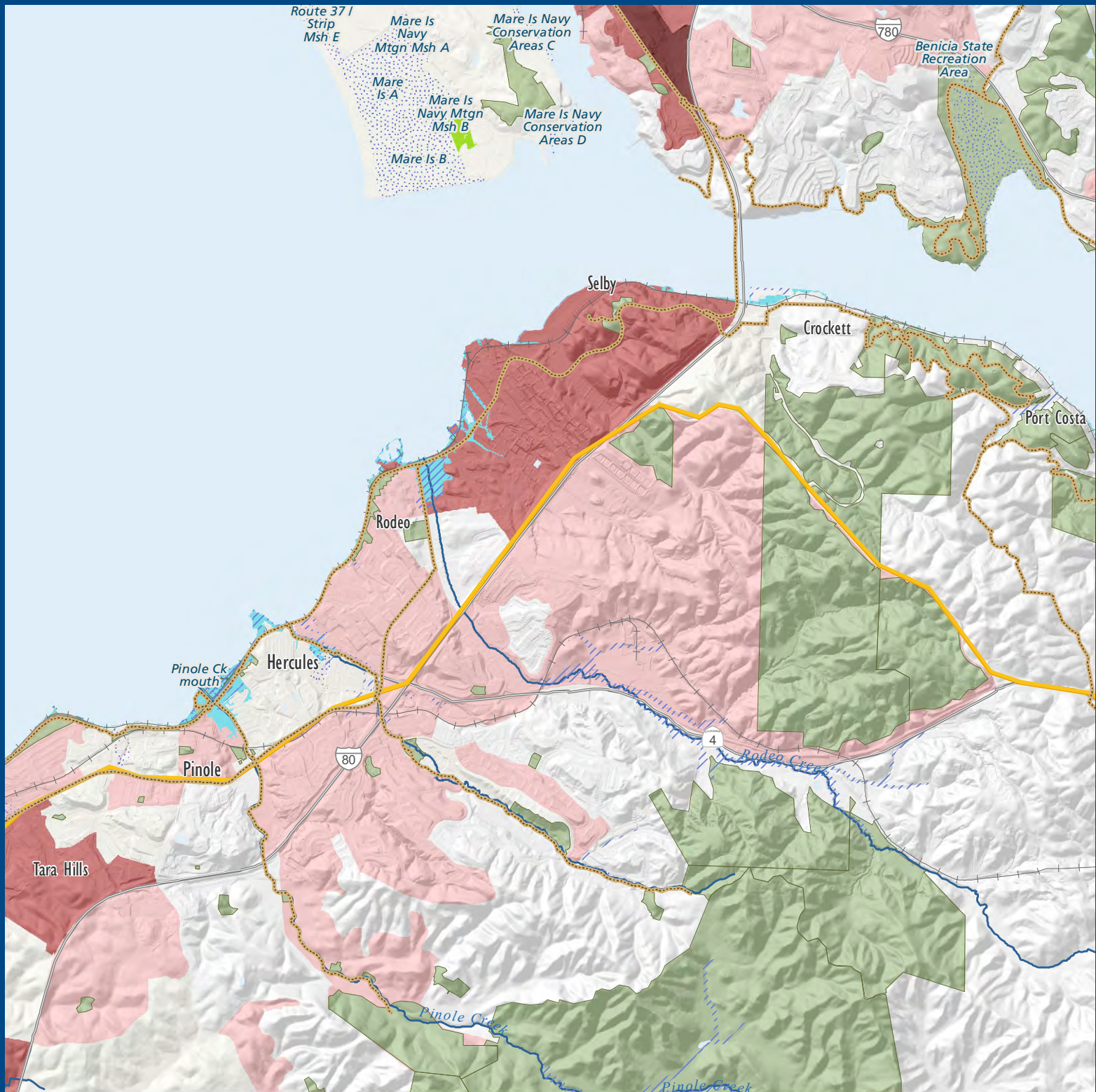


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





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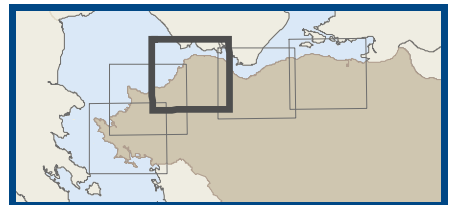
Map created by GreenInfo Network.



**Community Indicators: Count of Community Indicators Per Block Group
Contra Costa ART Project**

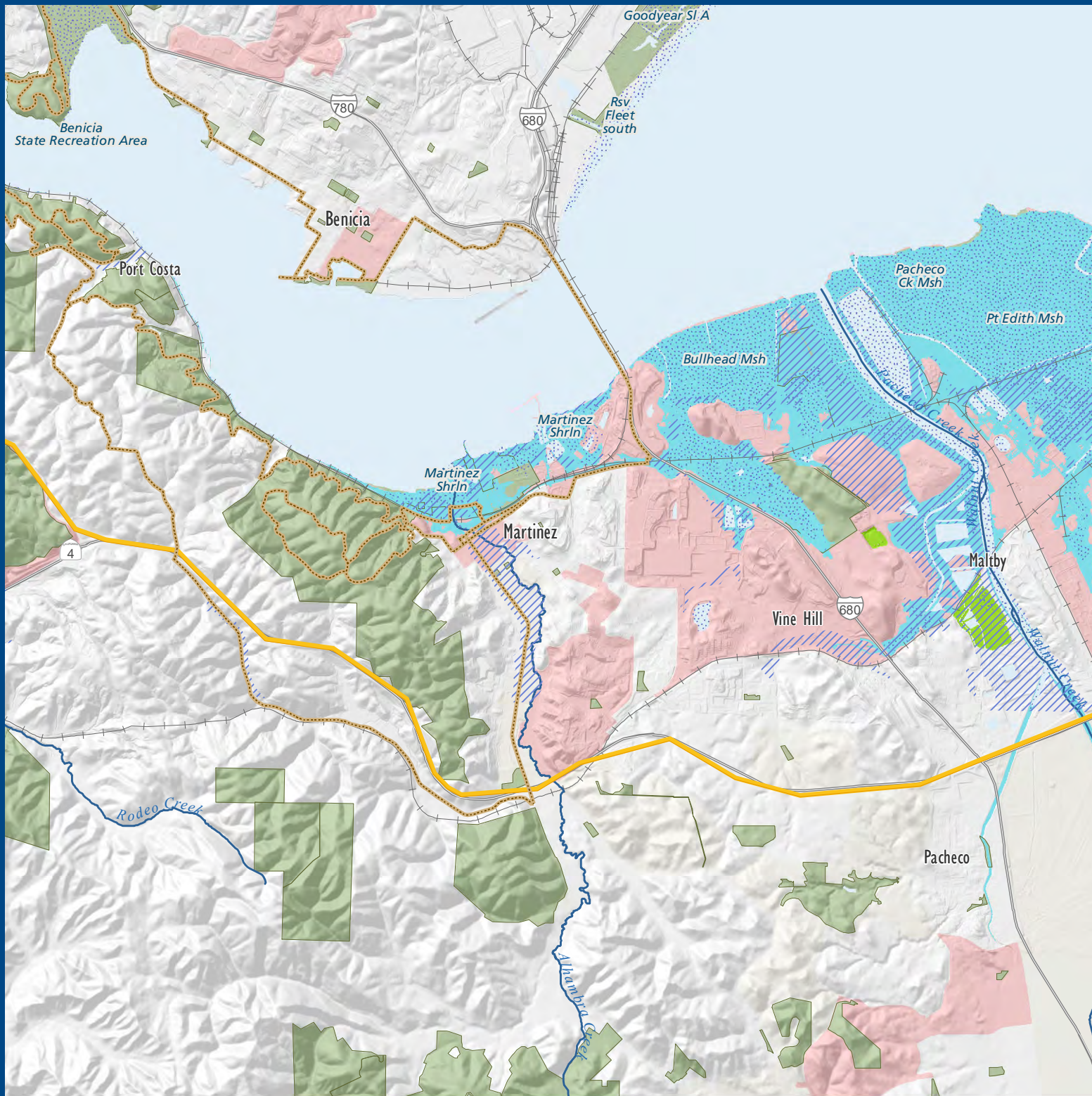
-  Project Area
-  Equivalent Water Levels:
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- Number of Community Indicators**
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**Community Indicators: Count of Community Indicators Per Block Group
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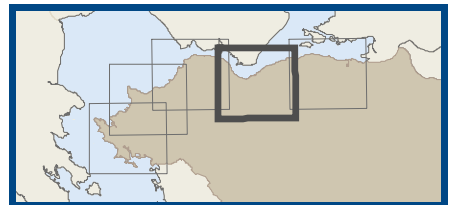


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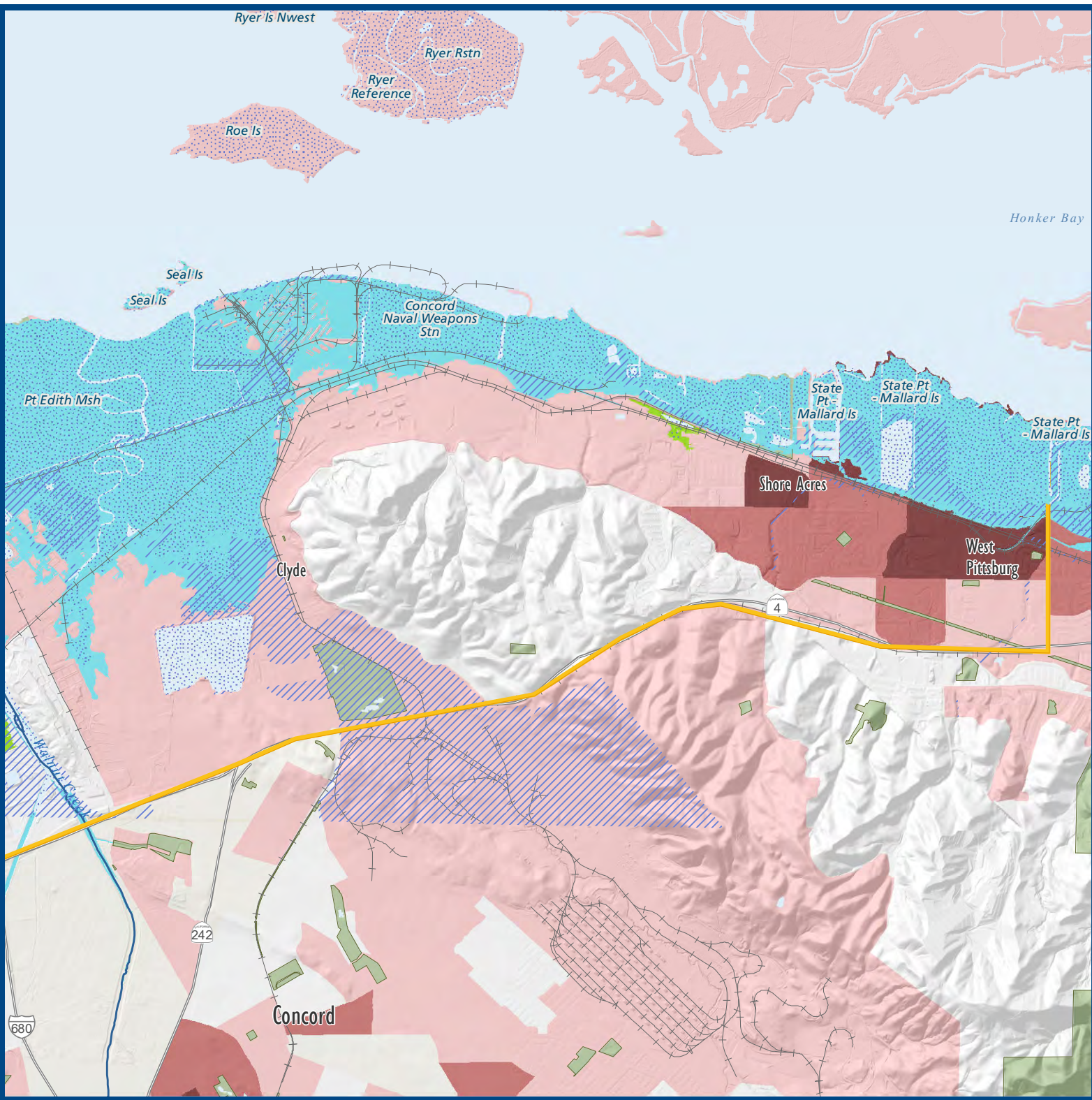


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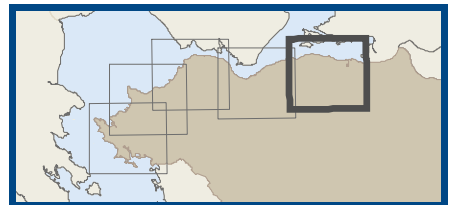
Map created by GreenInfo Network.



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Contra Costa ART Project**

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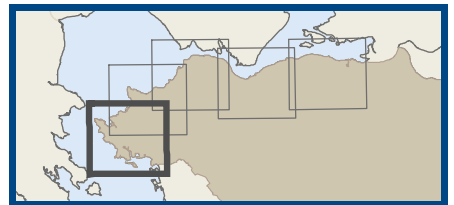


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**Community Indicators:
Renters & Access to Vehicles
Contra Costa ART Project**



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- Major Wetlands and Water Bodies
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- Community Indicators**
- Concentration of Renter Households
- Concentration of Households with No Vehicle
- Renter Households and No Vehicle















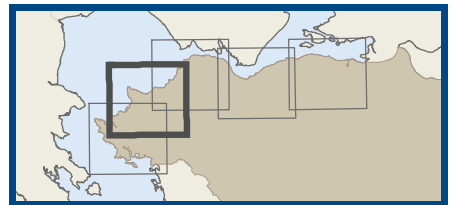
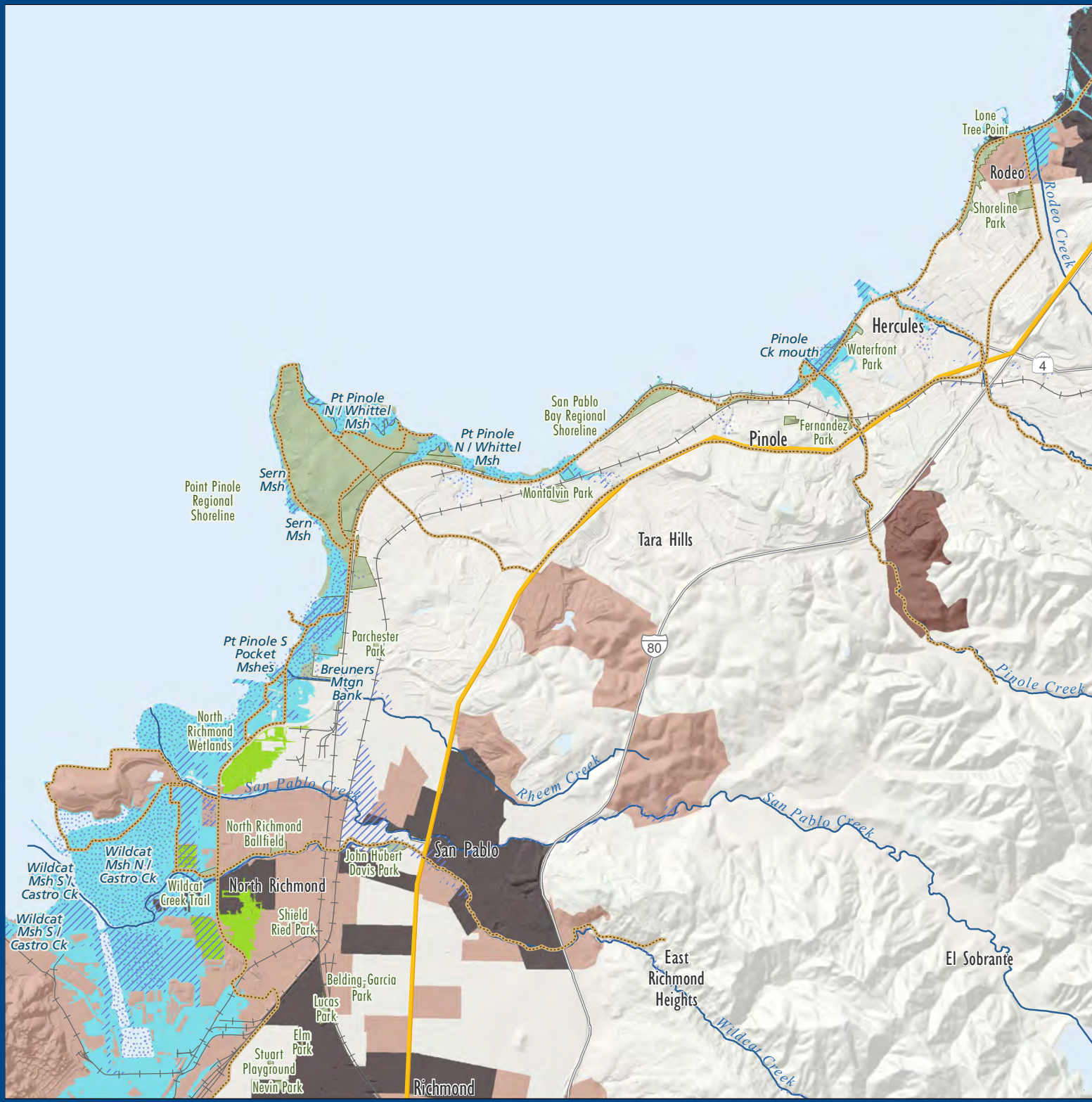
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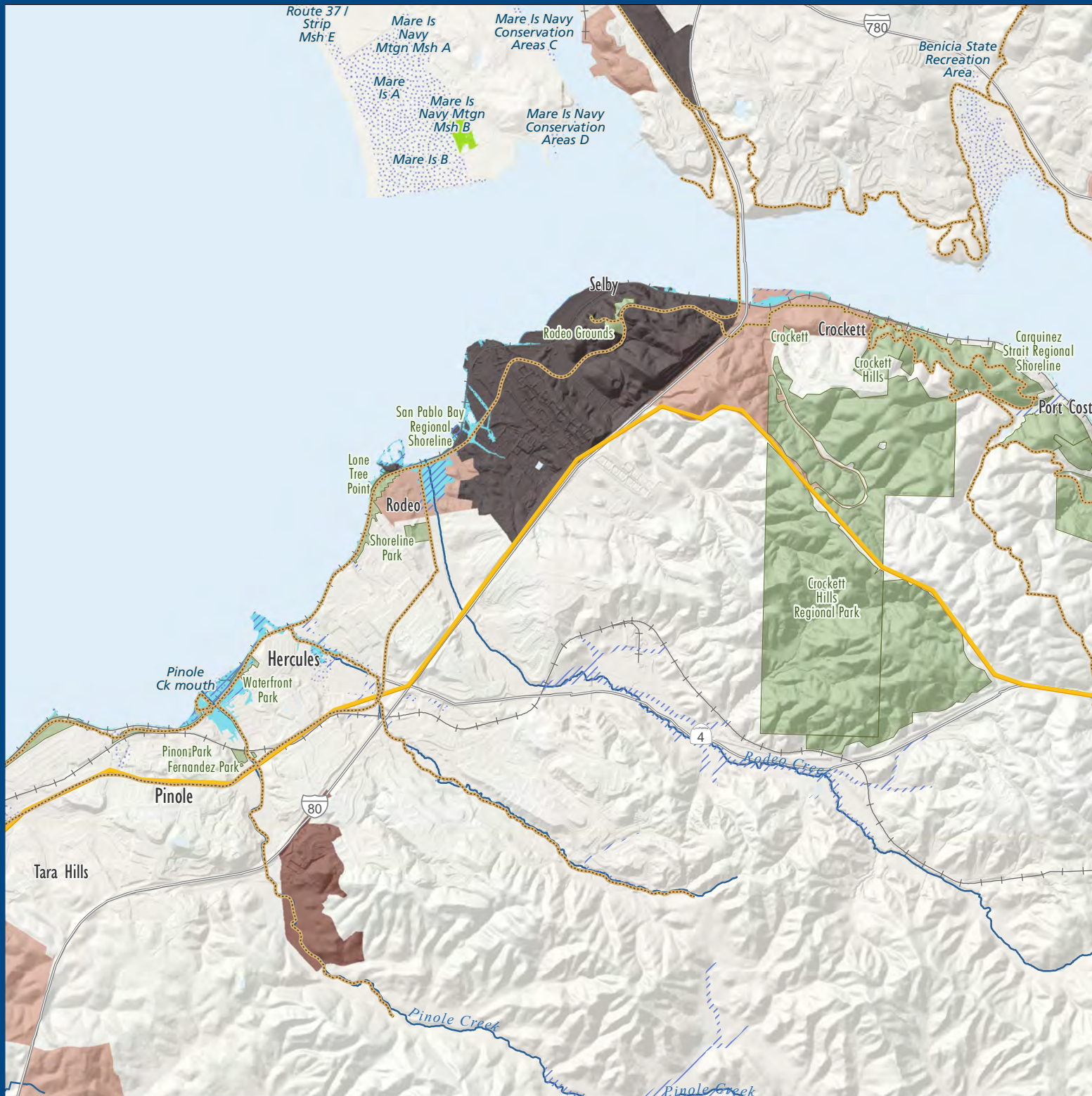


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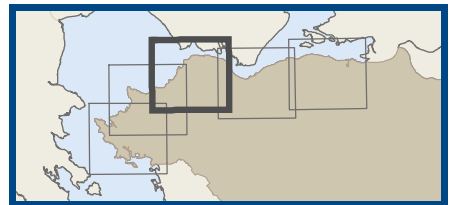
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- Renter Households and No Vehicle















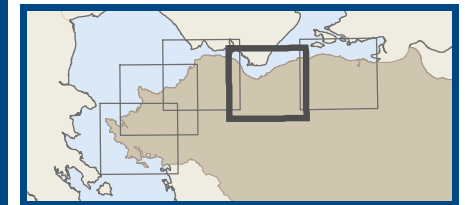
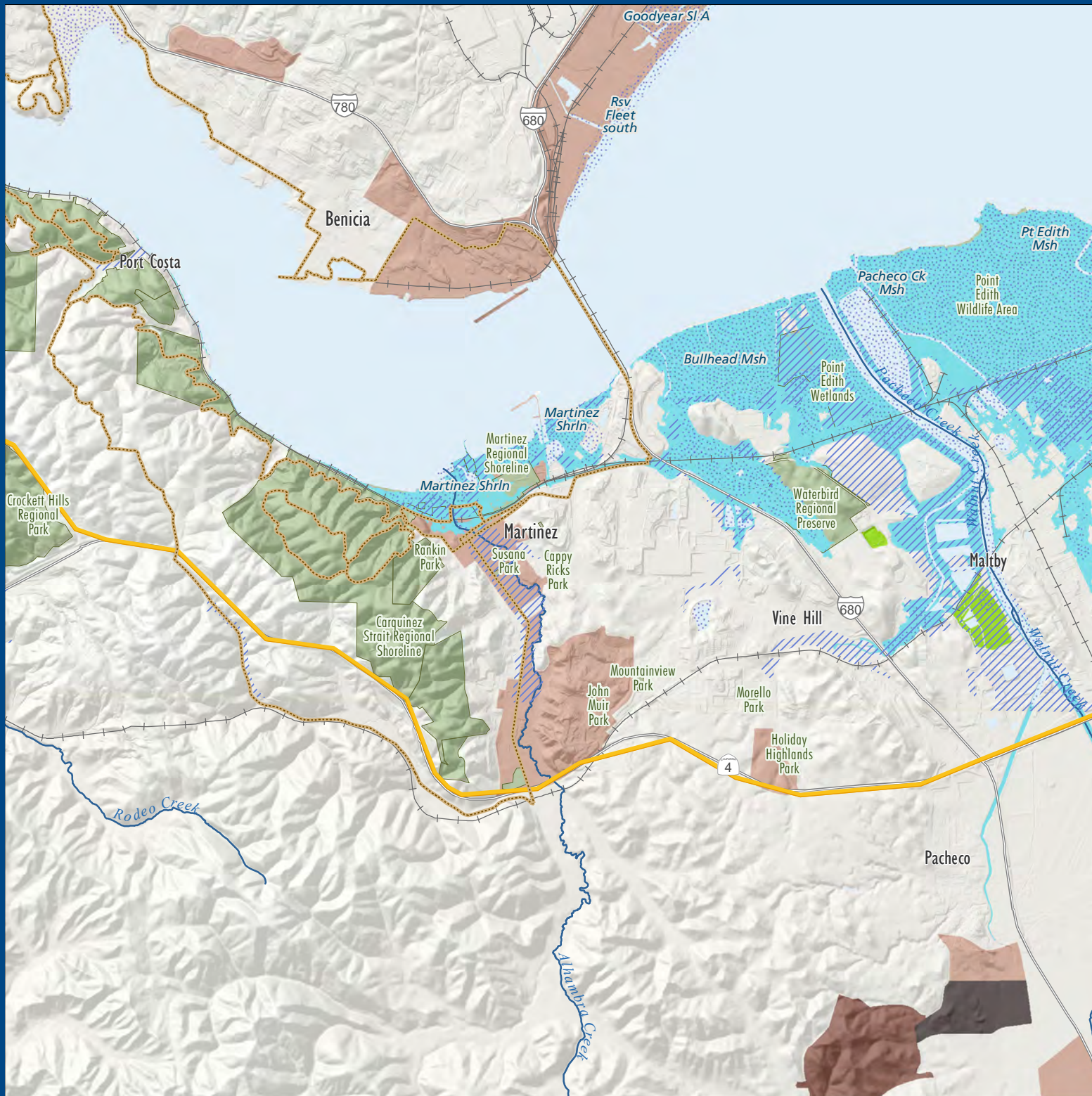
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Methods: Block groups were identified if they met a triggering level for each indicator, based on the regional mean plus half a standard deviation. These maps are intended as planning level tools.

Data Source: 2010-2014 ACS, BCDC, BAARI, FEMA, Bay Trail, CPAD, ESRI.

**Community Indicators:
Renters & Access to Vehicles
Contra Costa ART Project**

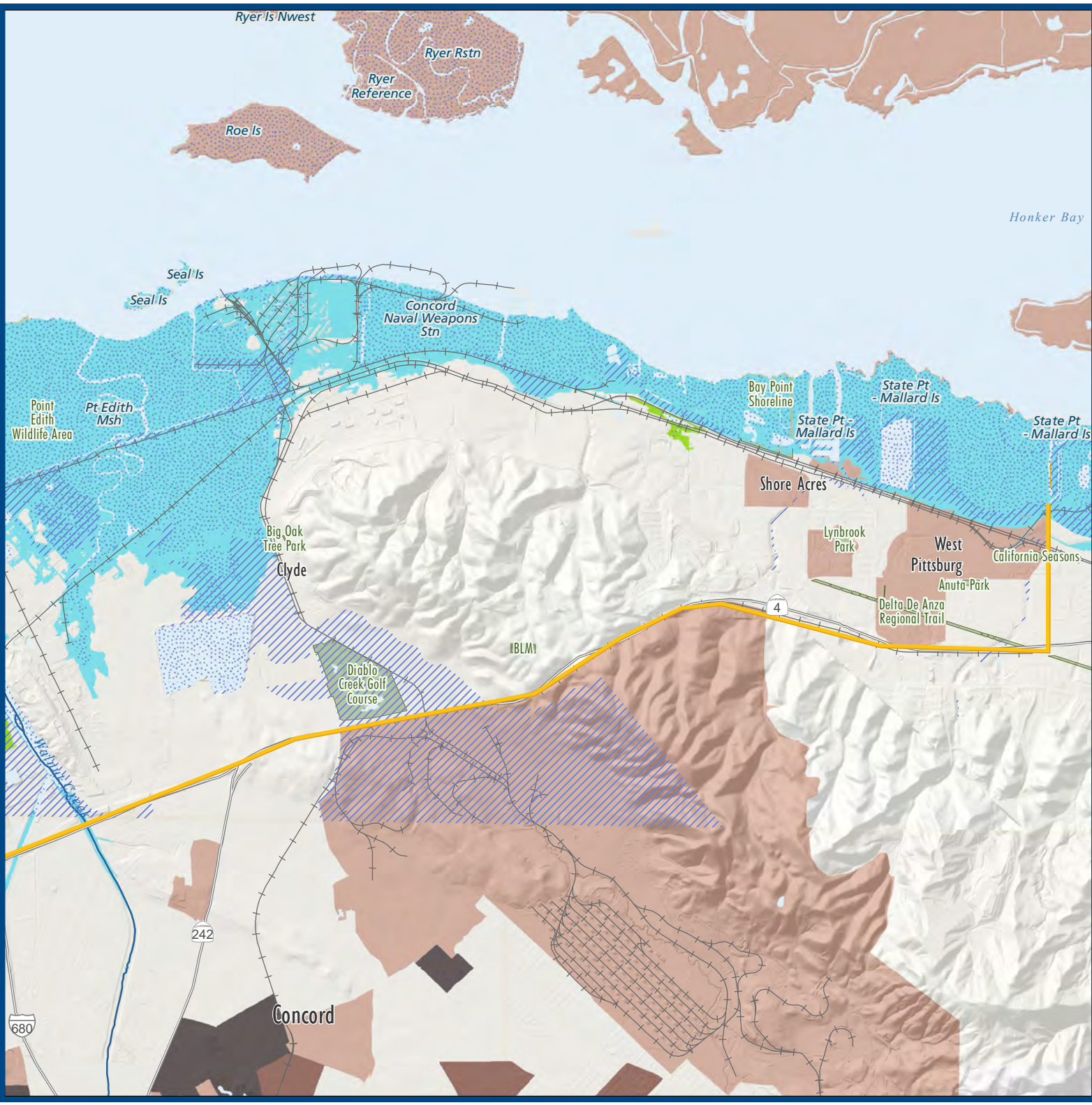
-  Project Area
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100 - yr tide + 36" SLR
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MHHW + 77" SLR
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-  Highway
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-  Concentration of Renter Households
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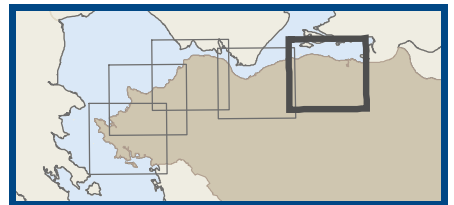
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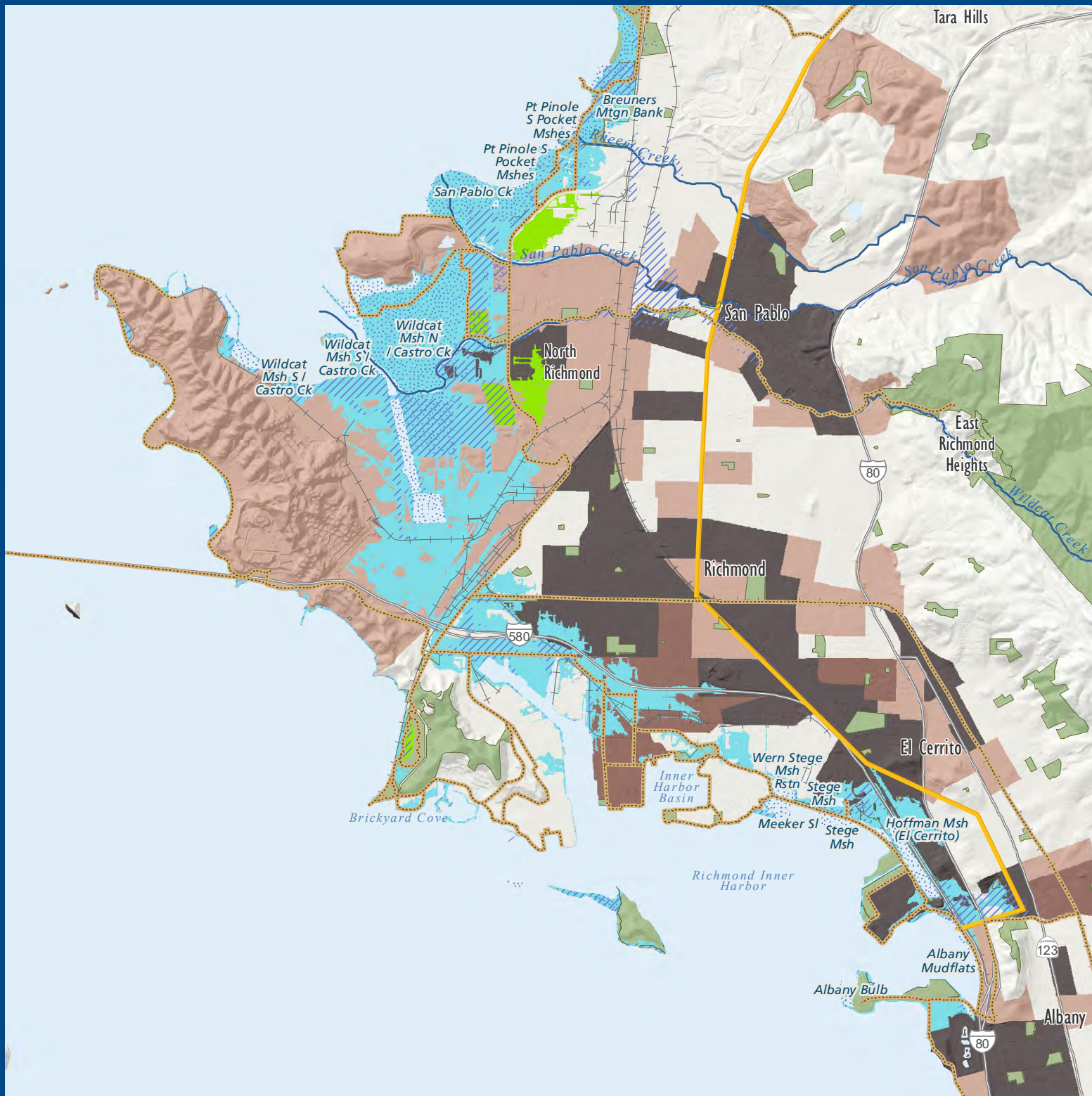


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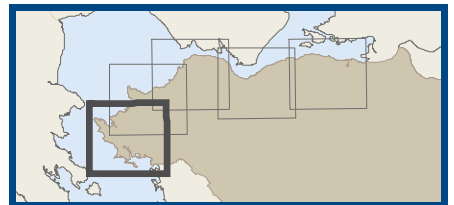
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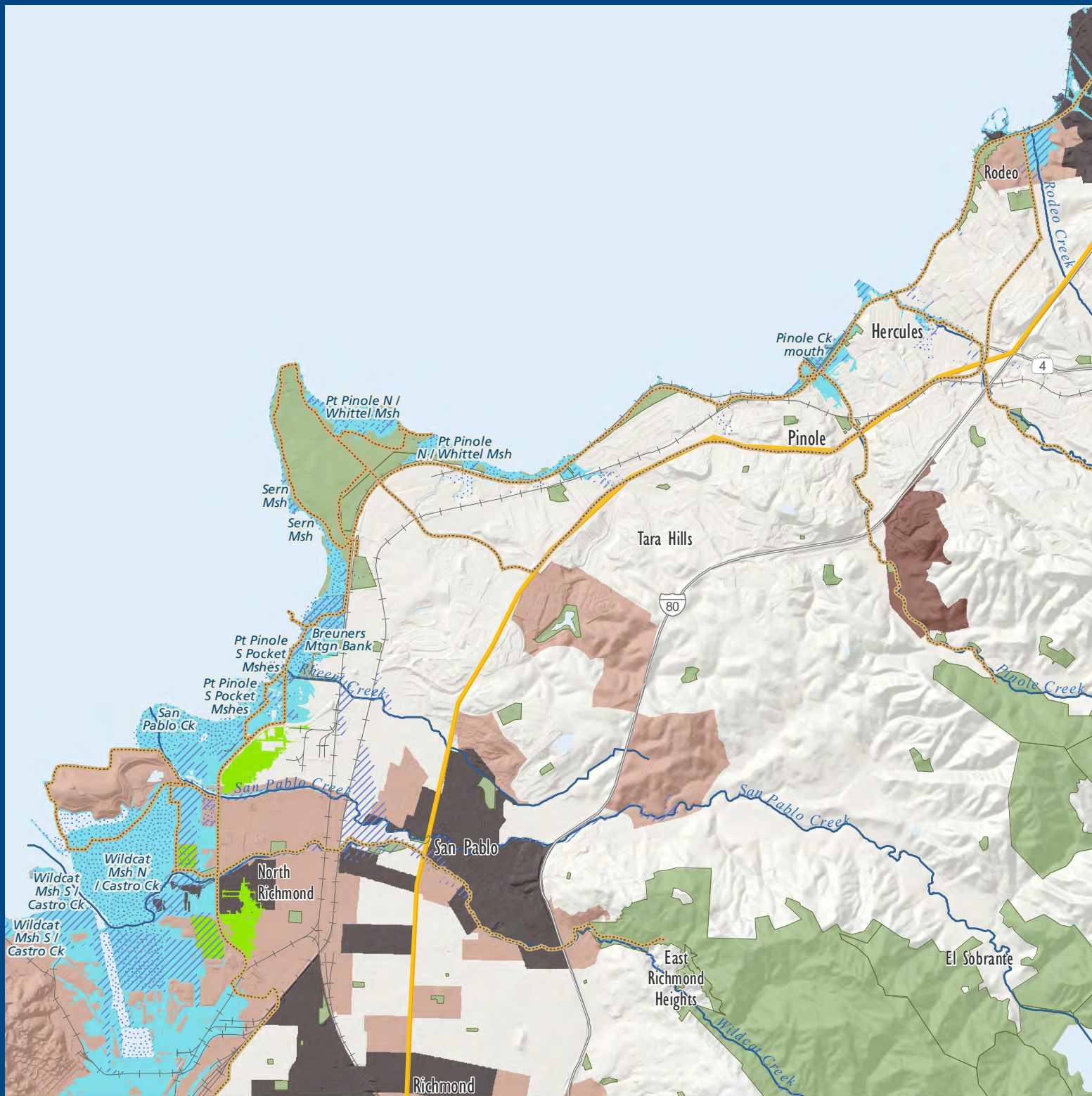
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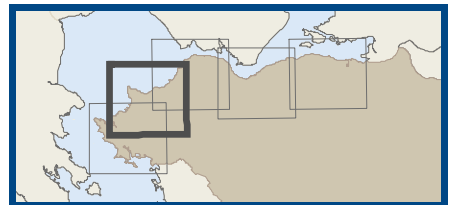
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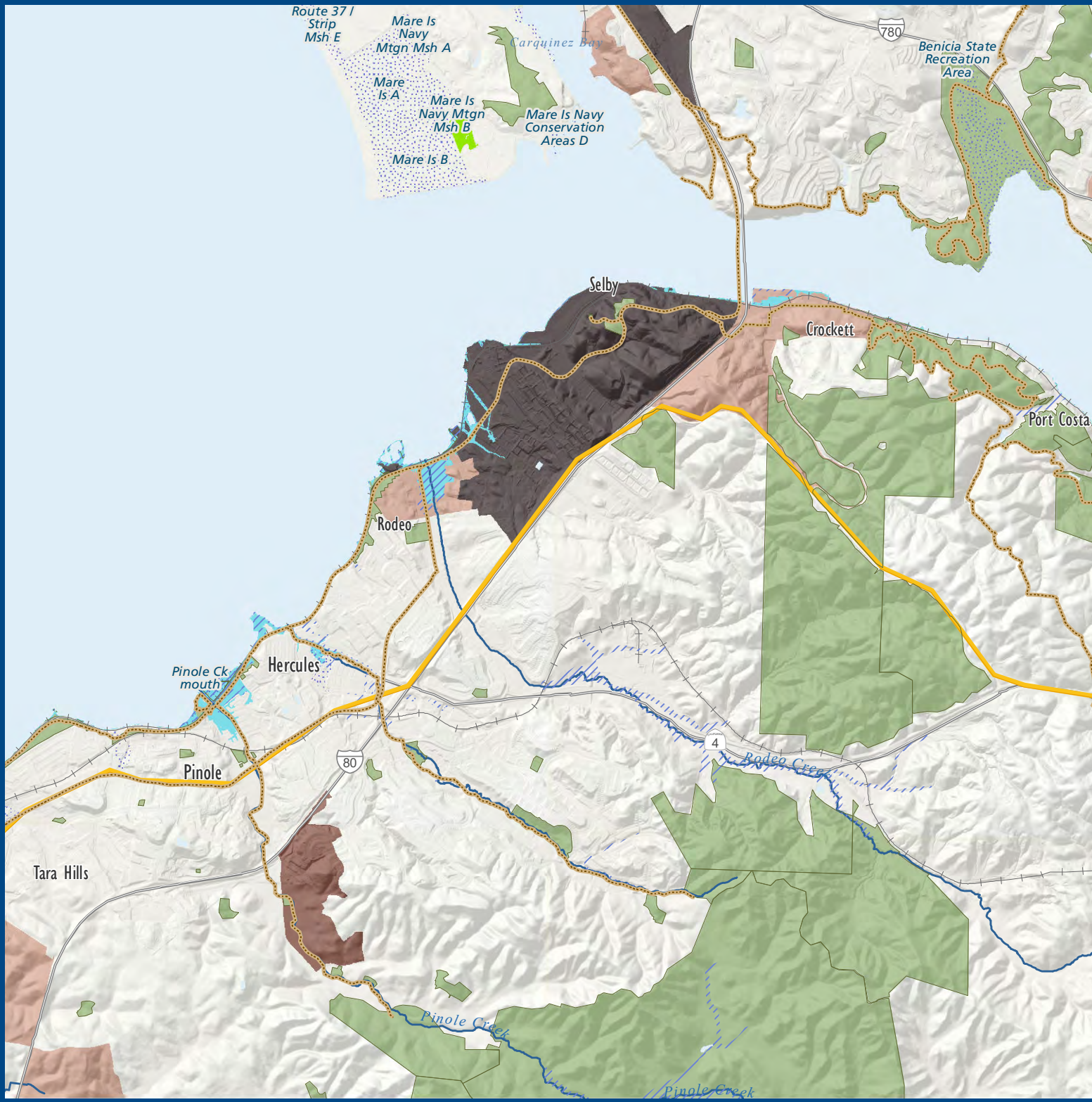
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







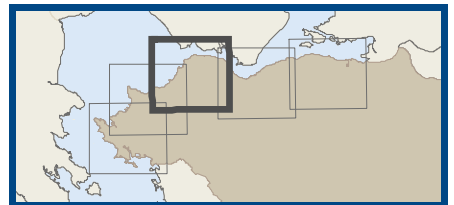
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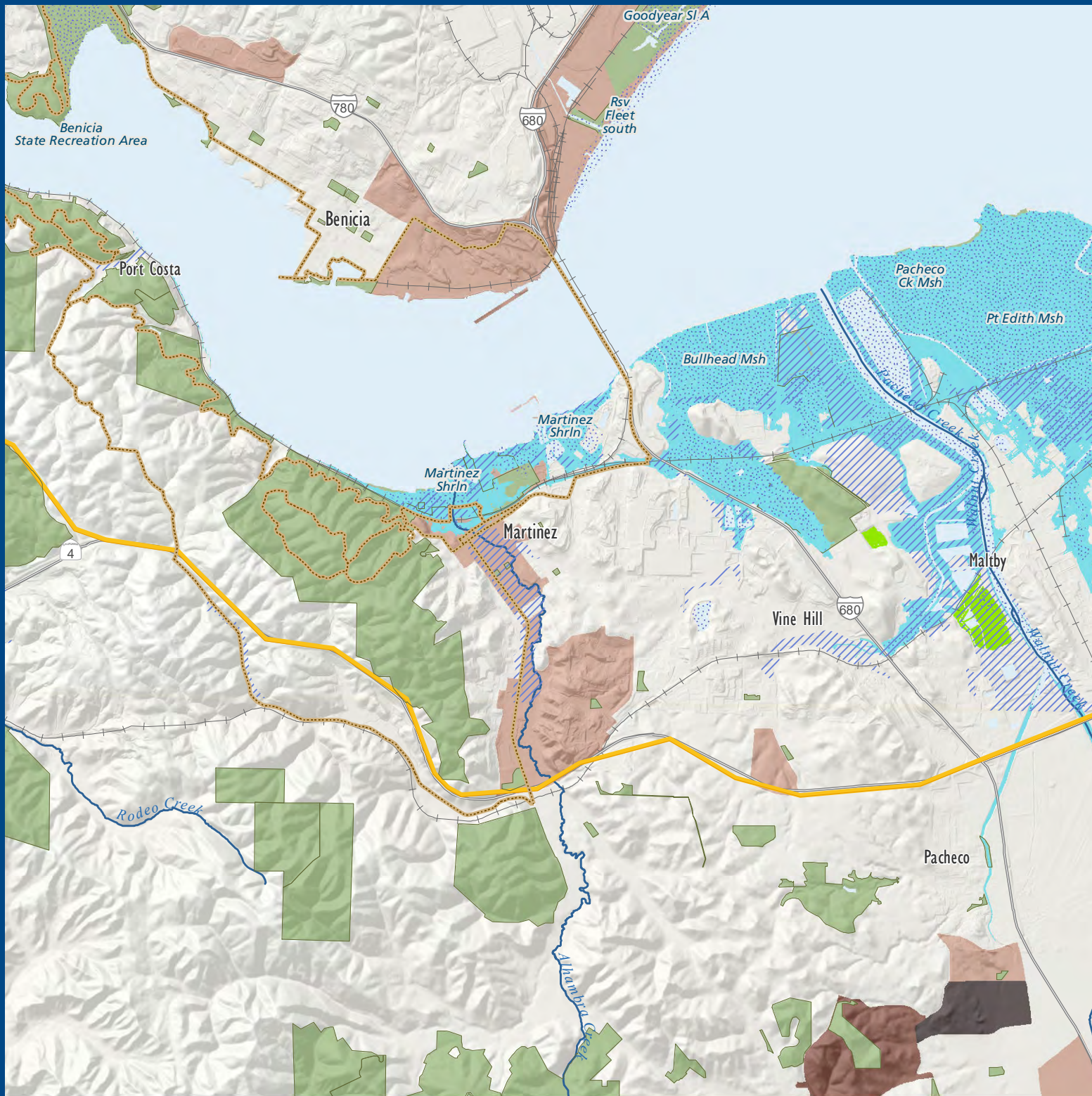
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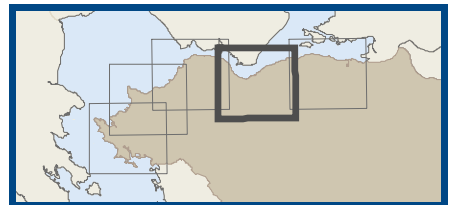
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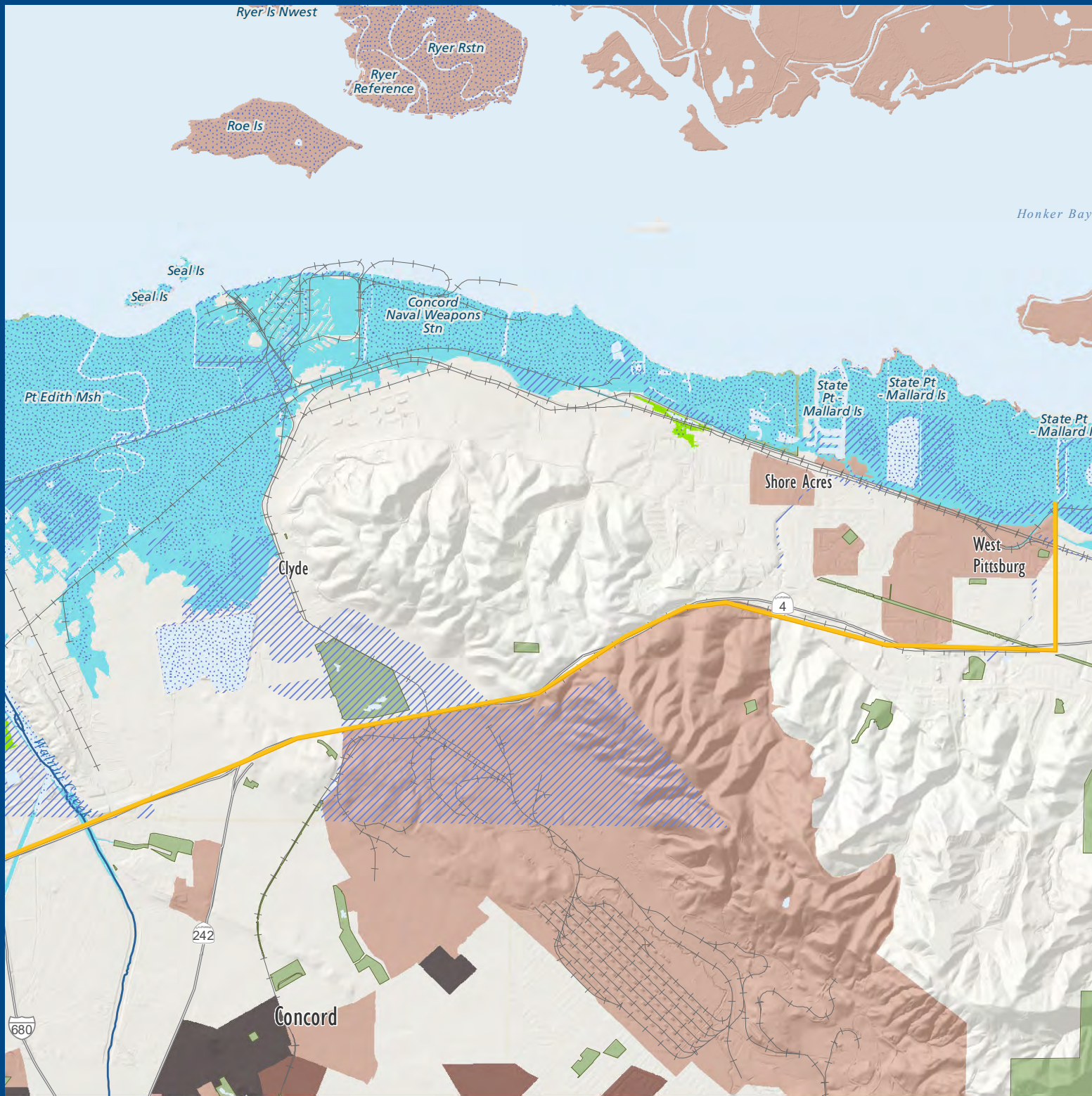
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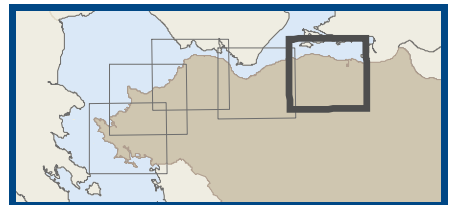
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