

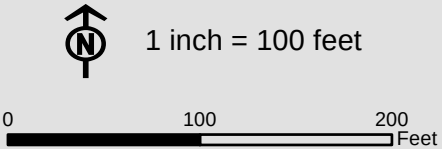
APPENDIX E: WETLANDS AND OTHER WATERS OF THE U.S. MAPS

Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey

Drake's Beach **Parking lot**

- Control Point
- Wetland Data Point
- Upland Data Point
- Open Water
- Palustrine Scrub Shrub
- Survey Area

Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016



Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator



Label	Acres	Square feet
RPW 1	0.021	929
PSS 1	0.887	38,626

Note: PSS 1 spans Pages 1 and 2

Label	Acres	Square feet
PSS 1	0.887	38,626
PEM 1	0.244	10,647
PEM 2	0.003	108

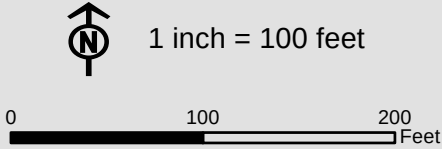
Note: PSS 1 spans Pages 1 and 2

Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey

Drake's Beach Parking Lot

- Control Point
- Wetland Data Point
- Upland Data Point
- Palustrine Emergent
- Palustrine Scrub Shrub
- Palustrine Emergent Seep
- Survey Area

Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016



Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator

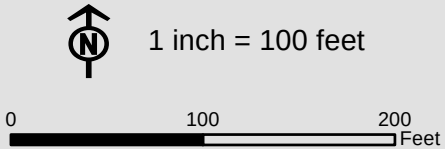


Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey

Home Ranch Pond 2

- Control Point
- Wetland Data Point
- Upland Data Point
- Palustrine Emergent
- Survey Area

Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016



Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator



38° 2' 43.30" N
122° 55' 4.05" W

Pond 2

4 Upl - P2

3 Upl - P2

7 Wet - P2

1 Wet - P2

2 Upl - P2

PEM 5

5 Wet - P2

6 Upl - P2

PEM 4

38° 2' 35.57" N
122° 54' 50.94" W

Label	Acres	Square Feet
PEM 4	0.291	12,670
PEM 5	0.001	54



Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey

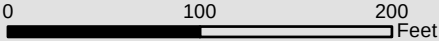
Home Ranch Access Road

-  Control Point
-  Survey Area

Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016

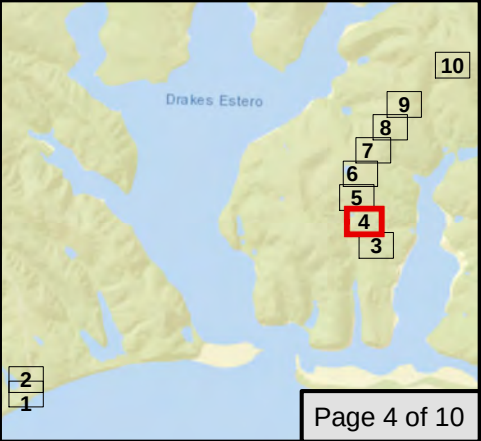


1 inch = 100 feet



Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator





Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey

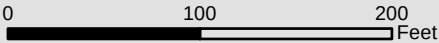
Home Ranch Access Road

-  Control Point
-  Survey Area

Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016

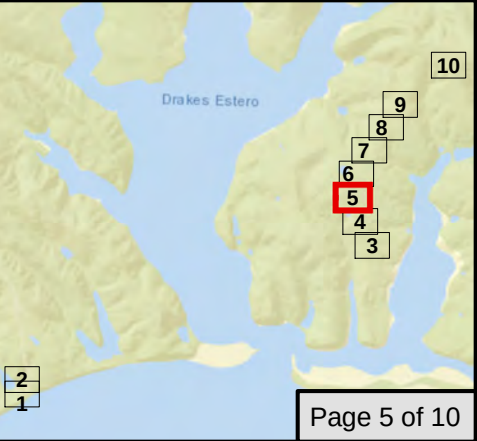


1 inch = 100 feet



Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator





Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey

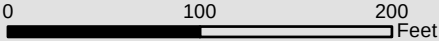
Home Ranch Access Road

-  Control Point
-  Survey Area

Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016

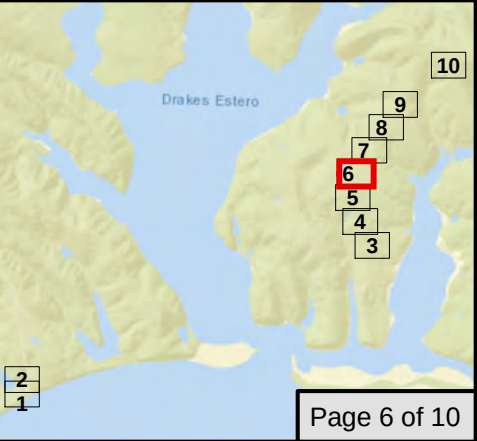


1 inch = 100 feet



Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator





38° 3' 19.98" N
122° 55' 6.91" W

38° 3' 12.08" N
122° 54' 52.60" W

**Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey**

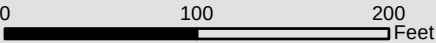
Home Ranch Access Road

-  Control Point
-  Survey Area

Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016

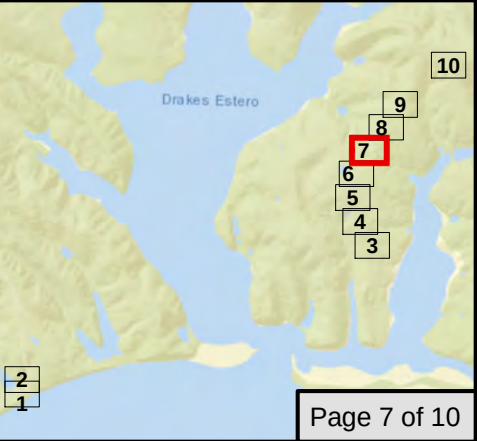


1 inch = 100 feet



Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator



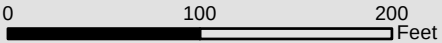
Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey

Home Ranch Access Road

-  Control Point
-  Survey Area

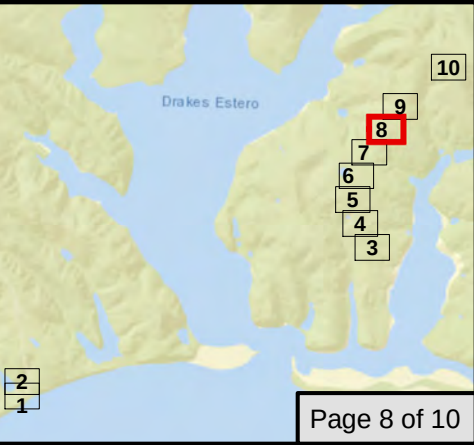
Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016

 1 inch = 100 feet



Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator



 38° 3' 28.89" N
122° 54' 58.71" W

 38° 3' 21.23" N
122° 54' 44.70" W

Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey

Home Ranch Access Road

-  Control Point
-  Survey Area

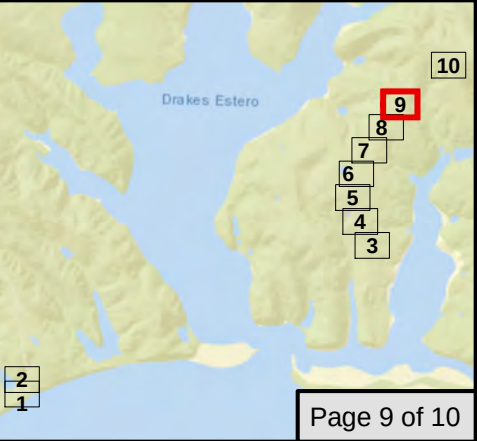
Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016

 1 inch = 100 feet

0 100 200 Feet

Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator



 38° 3' 37.86" N
122° 54' 52.23" W

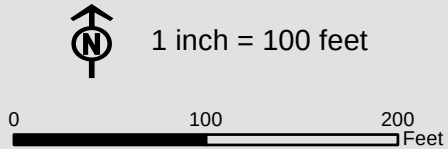
 38° 3' 30.16" N
122° 54' 38.25" W

Sir Francis Drake Boulevard
Improvement Project
Supplemental 2016 Survey

Home Ranch Pond 9

- Control Point
- Wetland Data Point
- Upland Data Point
- Palustrine Emergent
- Survey Area

Delineators: Misha Seguin, Pat Basting,
Dan Soucy - Jacobs
Date of Survey: Jan 13, Apr 21,
May 24-25, 2016



Source Layer Credits: ESRI and its data partners.
Projection: Lambert Conformal Conic State Plane California III FIPS 0403 Feet
North American Datum 1983.
3/21/2018

Regional Locator



38° 3' 53.42" N
122° 54' 28.65" W

38° 3' 46.28" N
122° 54' 14.99" W

Pond 9

- 1 Upl - P9
- 2 Wet - P9
- 4 Upl - P9
- 3 Wet - P9

PEM 6

Label	Acres	Square feet
PEM 6	0.221	9,630



Sir Francis Drake Boulevard Improvement Project

Project Miles

Wetland Sampling Point

Upland Sampling Point

Stationing Line

Survey Area

Reference Point

Wetlands

PEM-Depressional

PFO-Riverine

PFO-Slope

Other Waters of the U.S.

Intermittent

Ephemeral

1 inch = 118 feet

0

60

120

Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 1 of 44



Sir Francis Drake Boulevard Improvement Project

Wetland Sampling Point

Upland Sampling Point

Stationing Line

Survey Area

Reference Point

Wetlands

PEM-Depressional

PFO-Riverine

PFO-Slope

RP1FO-Riverine

Other Waters of the U.S.

Intermittent

Ephemeral

N

1 inch = 118 feet

0

60

120

Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

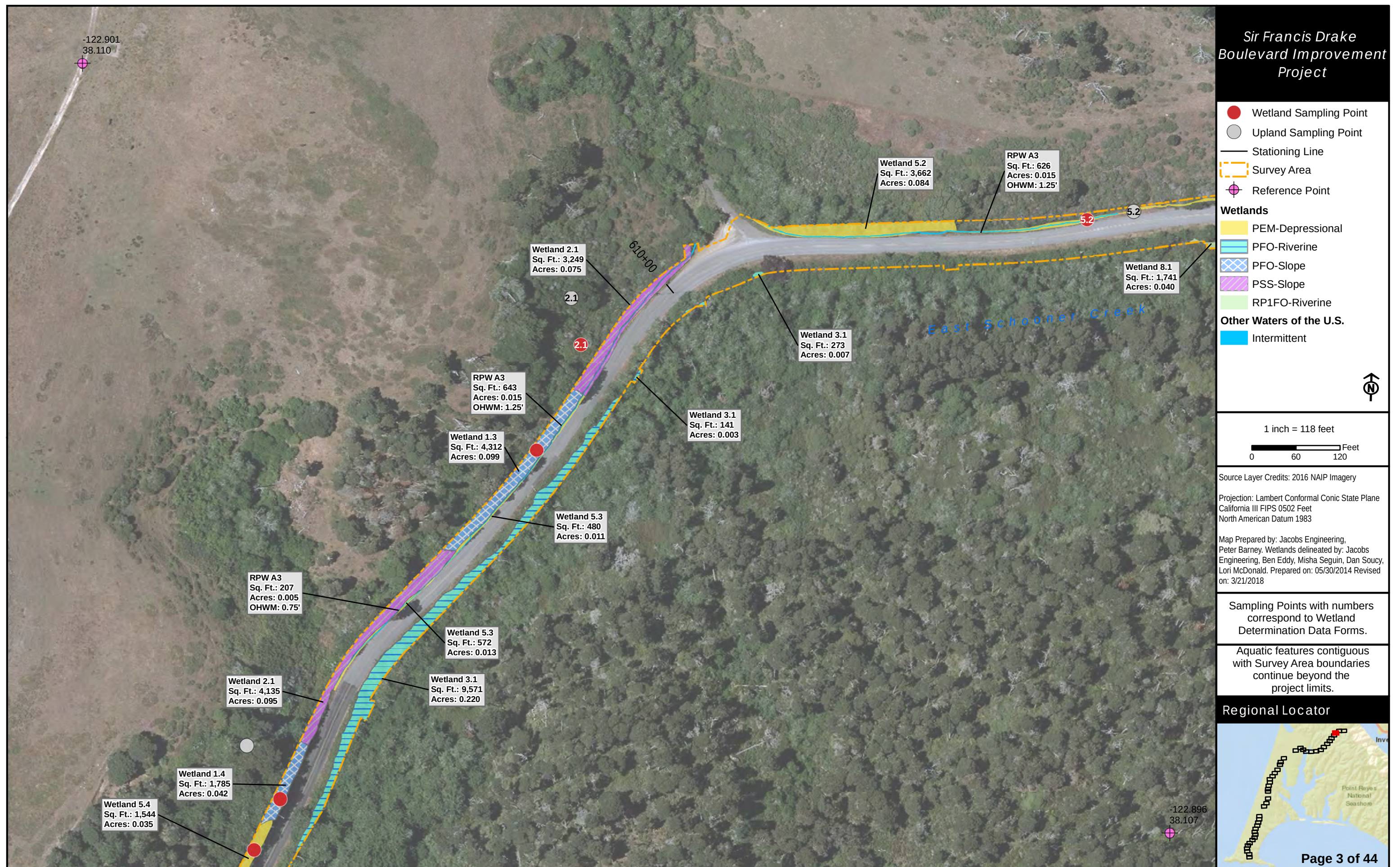
Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 2 of 44





Sir Francis Drake Boulevard Improvement Project

Wetland Sampling Point

Upland Sampling Point

Stationing Line

Survey Area

Reference Point

Wetlands

PEM-Depressional

PEM-Slope

PFO-Riverine

PFO-Slope

PSS-Depressional

PSS-Slope

Other Waters of the U.S.

Intermittent

Ephemeral

1 inch = 118 feet

0

60

120

Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

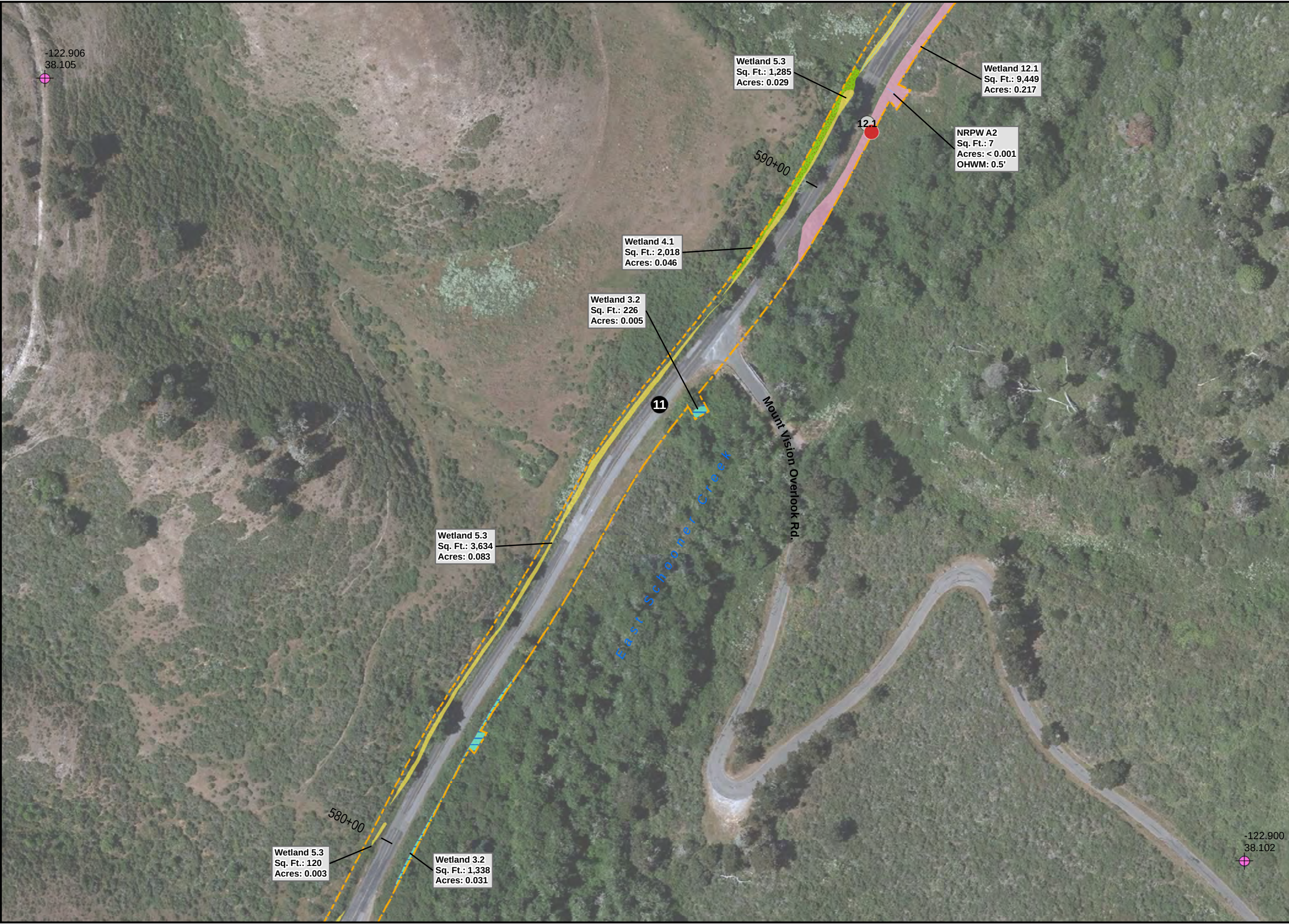
Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 4 of 44



Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- ▭ Survey Area
- ⊕ Reference Point

Wetlands

- ▭ PEM-Depressional
- ▭ PEM-Slope
- ▭ PFO-Riverine
- ▭ PSS-Depressional

Other Waters of the U.S.

- ▭ Ephemeral

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- PFO-Riverine
- PSS-Slope

Other Waters of the U.S.

- Perennial
- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

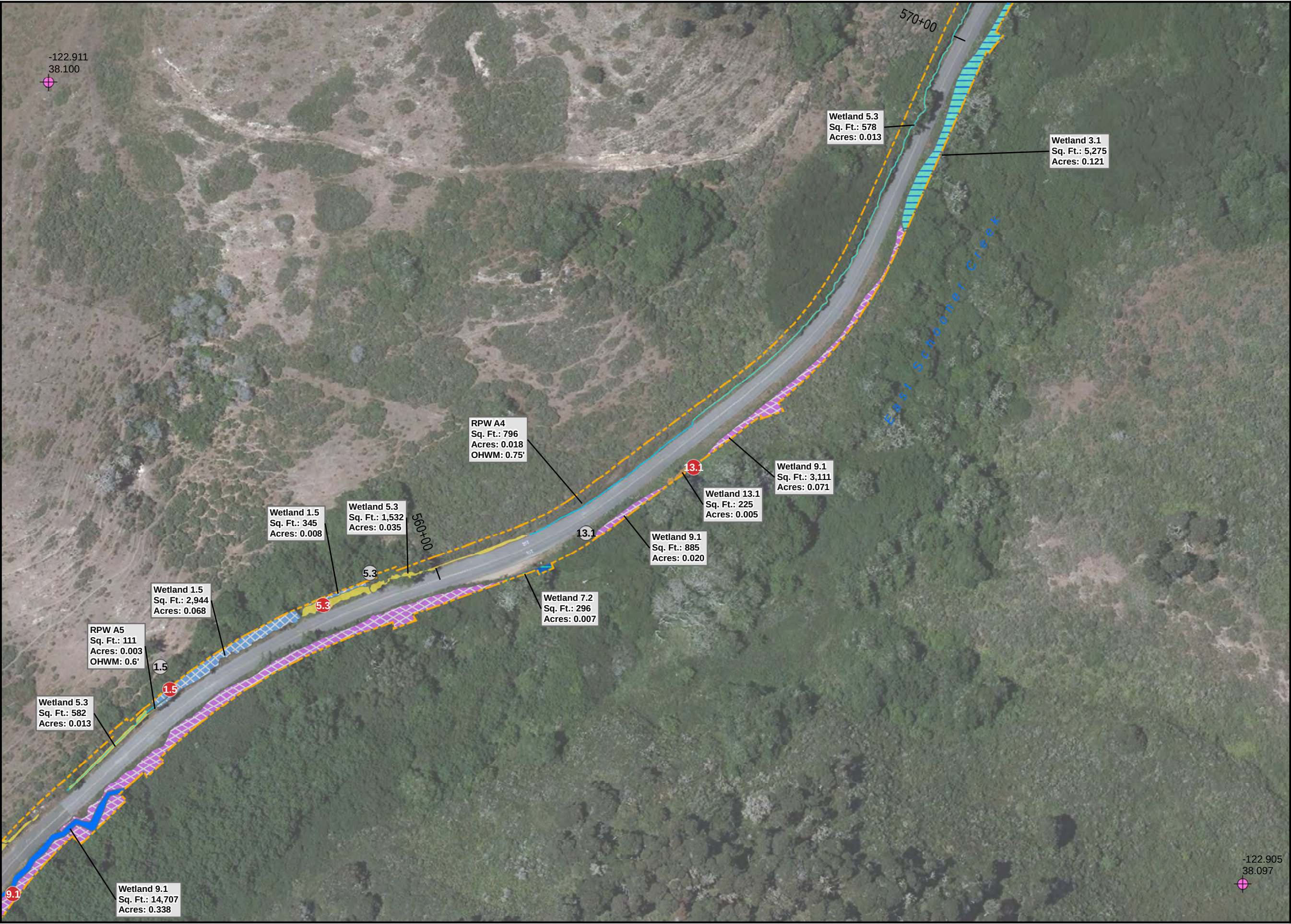
Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

-122.902
38.100

Page 6 of 44



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- PEM2-Mineral Soil
- PFO-Riverine
- PFO-Slope
- RP1EM-Riverine
- RP1SS-Riverine

Other Waters of the U.S.

- Perennial
- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- PSS-Riverine
- PSS-Slope
- RP1SS-Riverine

Other Waters of the U.S.

- Perennial
- Intermittent

1 inch = 118 feet

0

60

120

Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

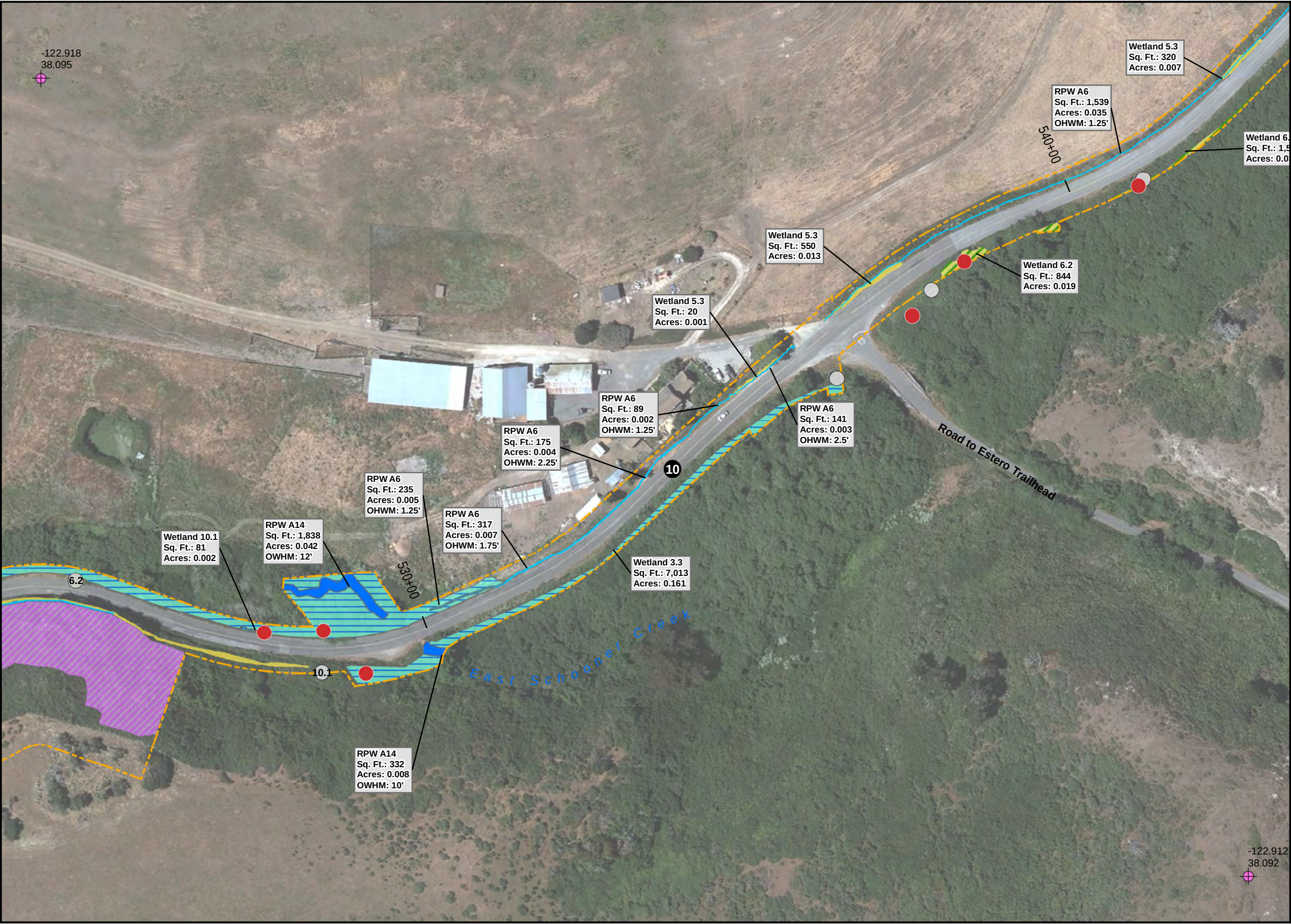
Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

-122.909
38.094

Page 8 of 44



Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- ▭ Survey Area
- ⊕ Reference Point

Wetlands

- PEM-Depressional
- PEM-Riverine
- PFO-Riverine
- PSS-Riverine
- PSS-Slope

Other Waters of the U.S.

- Perennial
- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

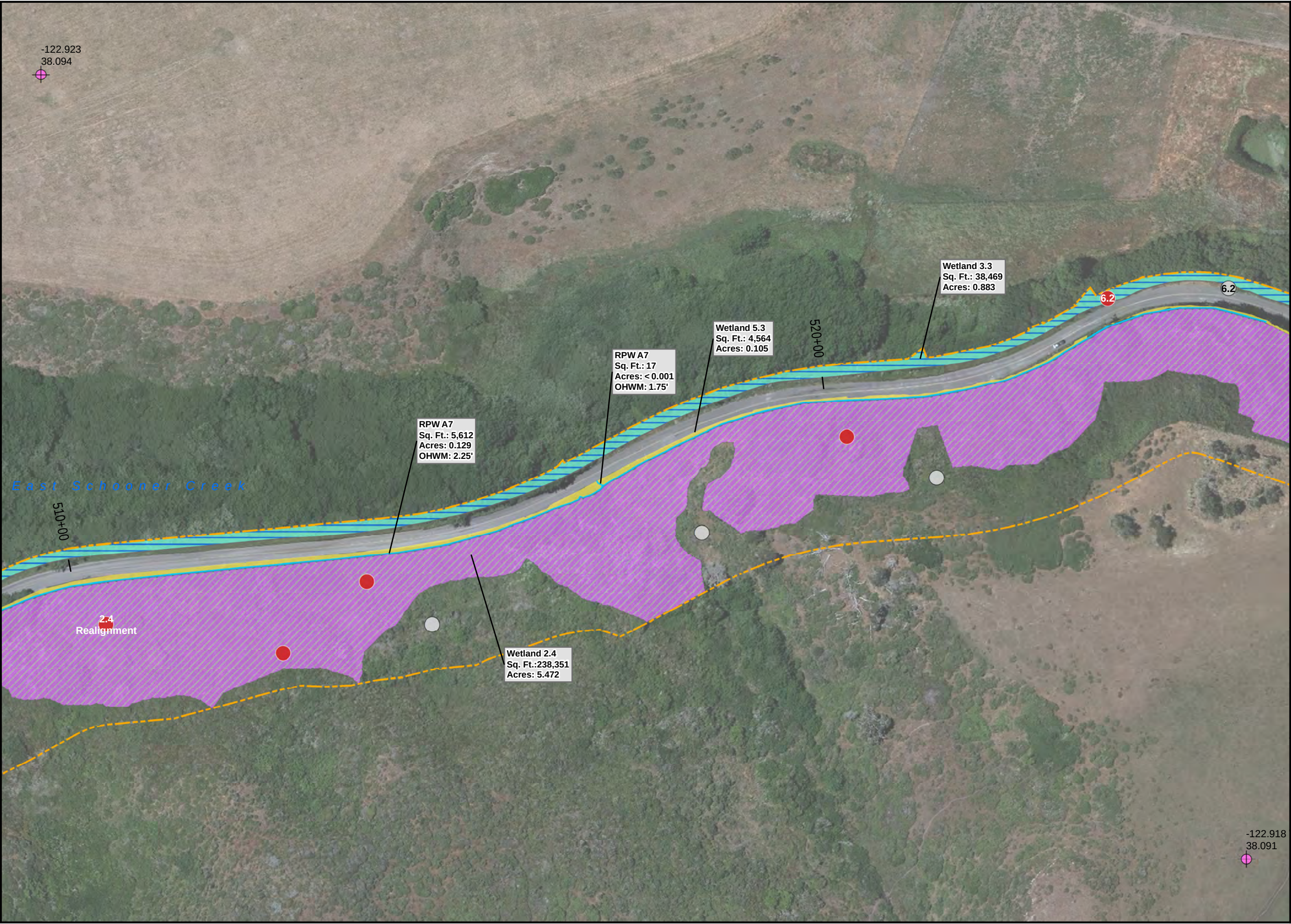
Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- PFO-Riverine
- PSS-Slope

Other Waters of the U.S.

- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

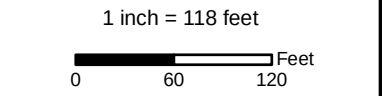
Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 10 of 44

Sir Francis Drake
Boulevard Improvement
Project

- Wetland Sampling Point
 - Upland Sampling Point
 - Stationing Line
 - Survey Area
 - HTL (7' NAVD88)
 - MHW (4.5' NAVD88)
 - Reference Point
- Wetlands**
- E2EM-Estuarine
 - PEM-Depressional
 - PFO-Riverine
 - PSS-Slope
 - RP1EM-Riverine
- Other Waters of the U.S.**
- Perennial
 - Intermittent



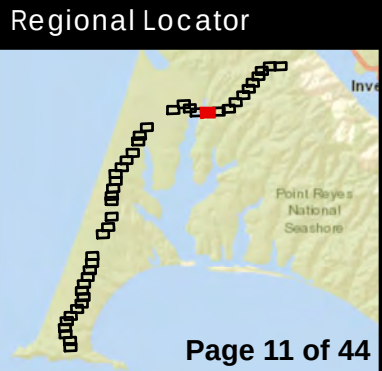
Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

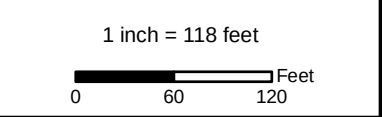
Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.



Sir Francis Drake
Boulevard Improvement
Project

- Project Miles
- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- ▭ Survey Area
- HTL (7' NAVD88)
- - - MHW (4.5' NAVD88)
- ⊕ Reference Point
- Wetlands**
 - E2EM-Estuarine
 - PEM-Depressional
 - PEM-Slope
- Other Waters of the U.S.**
 - Perennial
 - Intermittent



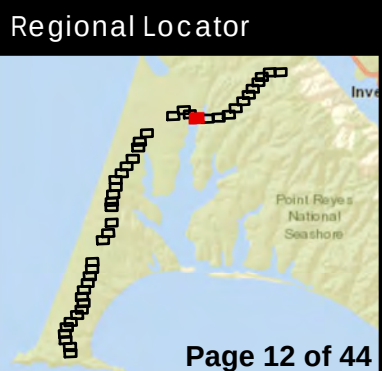
Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.





Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- E2EM-Estuarine
- PEM-Depressional
- PEM-Slope
- PSS-Slope

Other Waters of the U.S.

- Intermittent

1 inch = 118 feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 13 of 44



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- PEM-Slope
- PSS-Slope

Other Waters of the U.S.

- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 14 of 44



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Point Reyes National Seashore

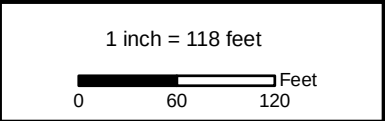
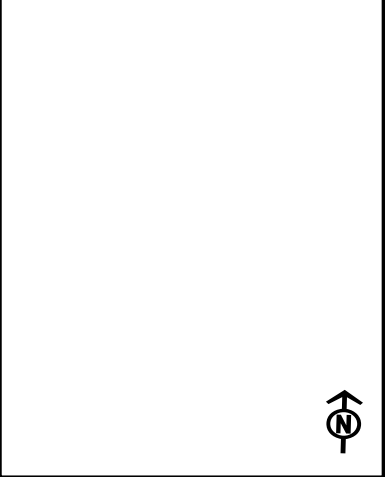
Inverness

Page 15 of 44



Sir Francis Drake Boulevard Improvement Project

- Stationing Line
- Survey Area
- Reference Point
- Wetlands**
 - PEM-Depressional



Source Layer Credits: 2016 NAIP Imagery

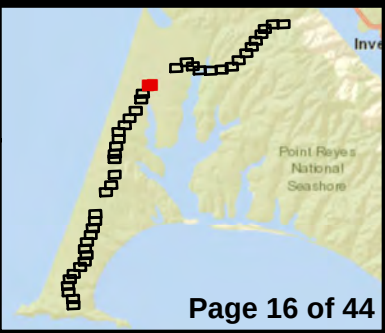
Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator





Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Slope

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
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Sampling Points with numbers
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Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 17 of 44

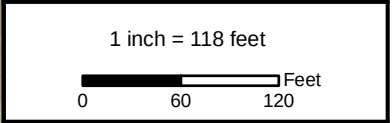


Sir Francis Drake
Boulevard Improvement
Project

● Project Miles
● Wetland Sampling Point
— Stationing Line
- - - Survey Area
⊕ Reference Point

Wetlands
PEM-Slope

↑
N



Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.





Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 19 of 44

-122.969
38.074



Sir Francis Drake Boulevard Improvement Project

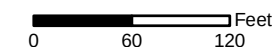
- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional



1 inch = 118 feet



Source Layer Credits: 2016 NAIP Imagery

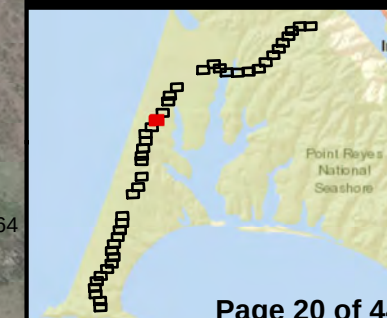
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California III FIPS 0502 Feet
North American Datum 1983

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on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator



-122.964
38.072





Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Wetland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional

Other Waters of the U.S.

- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
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on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 21 of 44



**Sir Francis Drake
Boulevard Improvement
Project**

- Wetland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- PEM-Slope

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Point Reyes
National
Seashore

Inverness

Page 22 of 44



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- PEM-Slope

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane California III FIPS 0502 Feet North American Datum 1983

Map Prepared by: Jacobs Engineering, Peter Barney. Wetlands delineated by: Jacobs Engineering, Ben Eddy, Misha Seguin, Dan Soucy, Lori McDonald. Prepared on: 05/30/2014 Revised on: 3/21/2018

Sampling Points with numbers correspond to Wetland Determination Data Forms.

Aquatic features contiguous with Survey Area boundaries continue beyond the project limits.

Regional Locator

Page 23 of 44



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional

Other Waters of the U.S.

- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Point Reyes National Seashore

Inverness

-122.971
38.060

Page 24 of 44



Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
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on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Point Reyes National Seashore

Page 25 of 44



Sir Francis Drake Boulevard Improvement Project

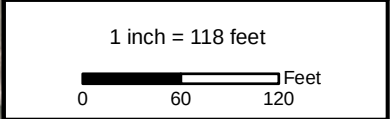
- Project Miles
- Stationing Line
- ▭ Survey Area
- ⊕ Reference Point

Wetlands

- PEM-Depressional

-122.971
38.057

↑
N



Source Layer Credits: 2016 NAIP Imagery

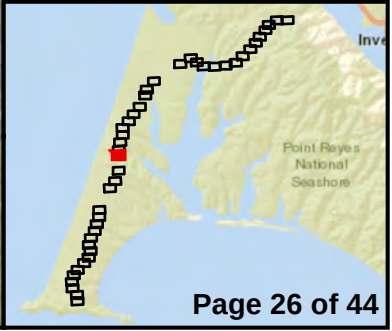
Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator





-122.977
38.052



Wetland 5.5
Sq. Ft.: 566
Acres: 0.013

240+00

Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point
- Wetlands**
- PEM-Depressional



1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator



-122.971
38.049





Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- ▭ Survey Area
- ⊕ Reference Point

Wetlands

- PEM-Depressional
- PEM-Slope

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 28 of 44



Sir Francis Drake Boulevard Improvement Project

Wetland Sampling Point

Upland Sampling Point

Stationing Line

Survey Area

Reference Point

Wetlands

PEM-Depressional

1 inch = 118 feet

0

60

120

Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
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on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 29 of 44



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Point Reyes National Seashore

Inverness

Page 30 of 44



Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Wetland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- PEM-Slope

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 31 of 44



Sir Francis Drake Boulevard Improvement Project

— Stationing Line
- - - Survey Area
⊕ Reference Point

Wetlands

■ PEM-Depressional
■ PEM-Slope

1 inch = 118 feet
0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery
Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 32 of 44



Sir Francis Drake Boulevard Improvement Project

— Stationing Line
- - - Survey Area
⊕ Reference Point

Wetlands
■ PEM-Depressional
■ PEM-Slope

1 inch = 118 feet
0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery
Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

-122.989
38.028

Wetland 4.6
Sq. Ft.: 2,150
Acres: 0.049

Wetland 4.6
Sq. Ft.: 74
Acres: 0.002

Wetland 4.6
Sq. Ft.: 5,060
Acres: 0.116

Wetland 5.6
Sq. Ft.: 506
Acres: 0.012

140+00

Wetland 5.6
Sq. Ft.: 694
Acres: 0.016

-122.983
38.025

Page 33 of 44



Sir Francis Drake Boulevard Improvement Project

Wetland Sampling Point

Stationing Line

Survey Area

Reference Point

Wetlands

PEM-Depressional

PEM-Slope

1 inch = 118 feet

0

60

120

Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 34 of 44

-122.991
38.025

Wetland 5.6
Sq. Ft.: 215
Acres: 0.005

130+00

Wetland 5.6
Sq. Ft.: 535
Acres: 0.012

Wetland 4.6
Sq. Ft.: 432
Acres: 0.010

Wetland 5.6
Sq. Ft.: 887
Acres: 0.021

Wetland 5.6
Sq. Ft.: 199
Acres: 0.005

Wetland 5.6
Sq. Ft.: 474
Acres: 0.011

120+00

-122.985
38.023



Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- ▭ Survey Area
- ⊕ Reference Point

Wetlands

- PEM-Depressional
- PEM-Slope

Other Waters of the U.S.

- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 35 of 44



Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- ▭ Survey Area
- ⊕ Reference Point

Wetlands

- PEM-Depressional

Other Waters of the U.S.

- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Point Reyes National Seashore

Inverness

Page 36 of 44



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- Intermittent

Other Waters of the U.S.

- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

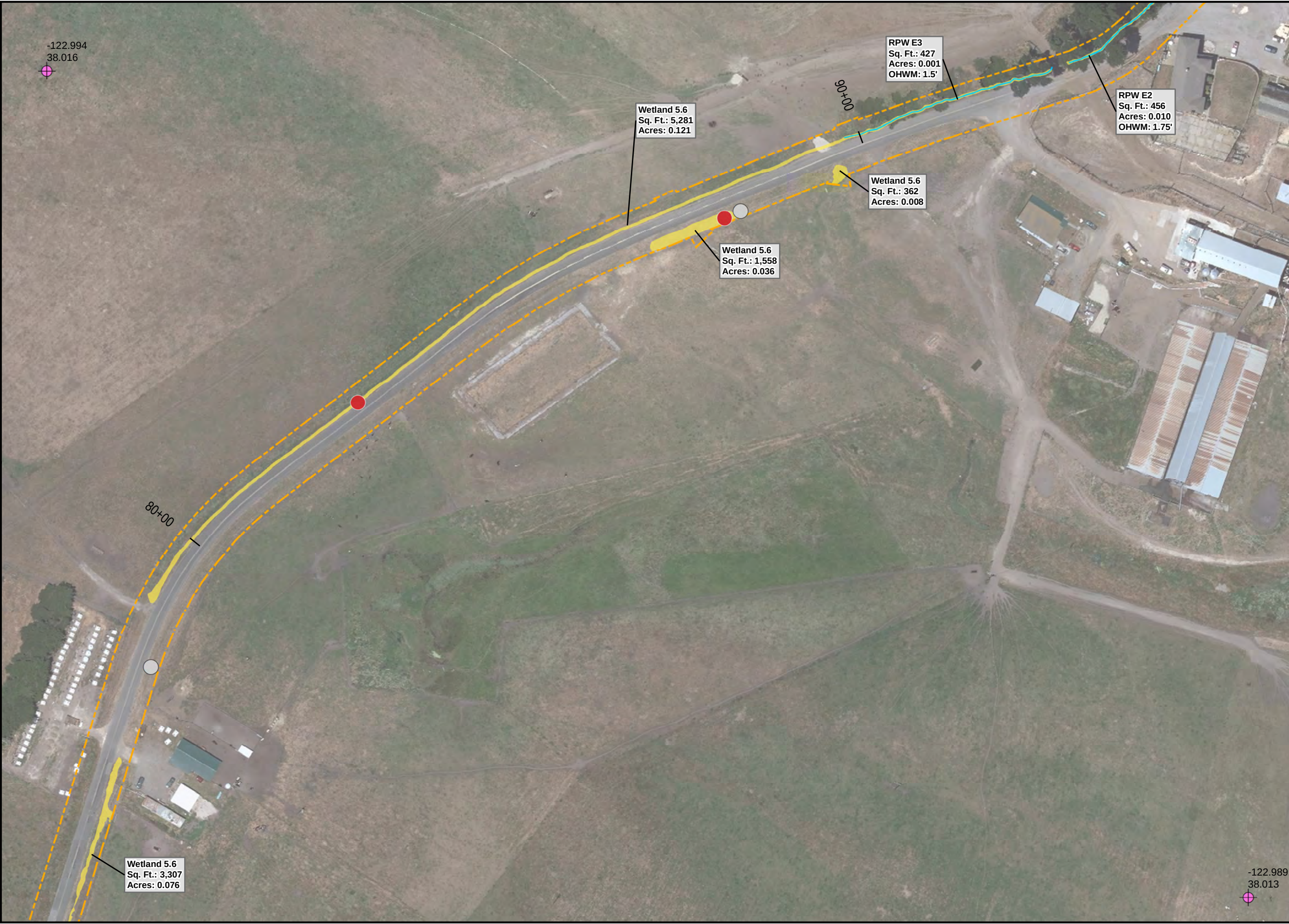
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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 37 of 44



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional

Other Waters of the U.S.

- Intermittent

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
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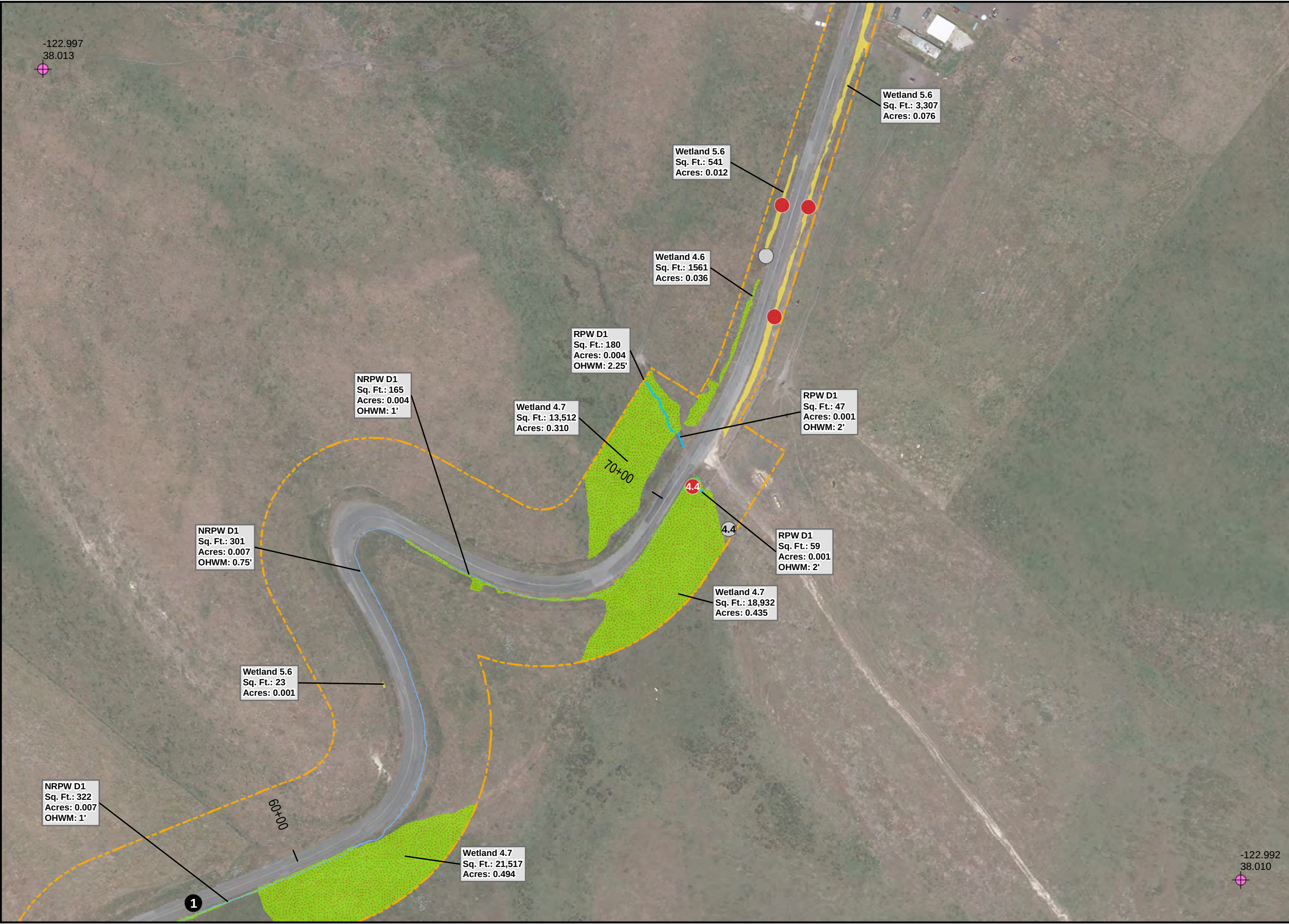
Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

-122.989
38.013

Page 38 of 44



Sir Francis Drake Boulevard Improvement Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point

Wetlands

- PEM-Depressional
- PEM-Slope

Other Waters of the U.S.

- Intermittent
- Ephemeral

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

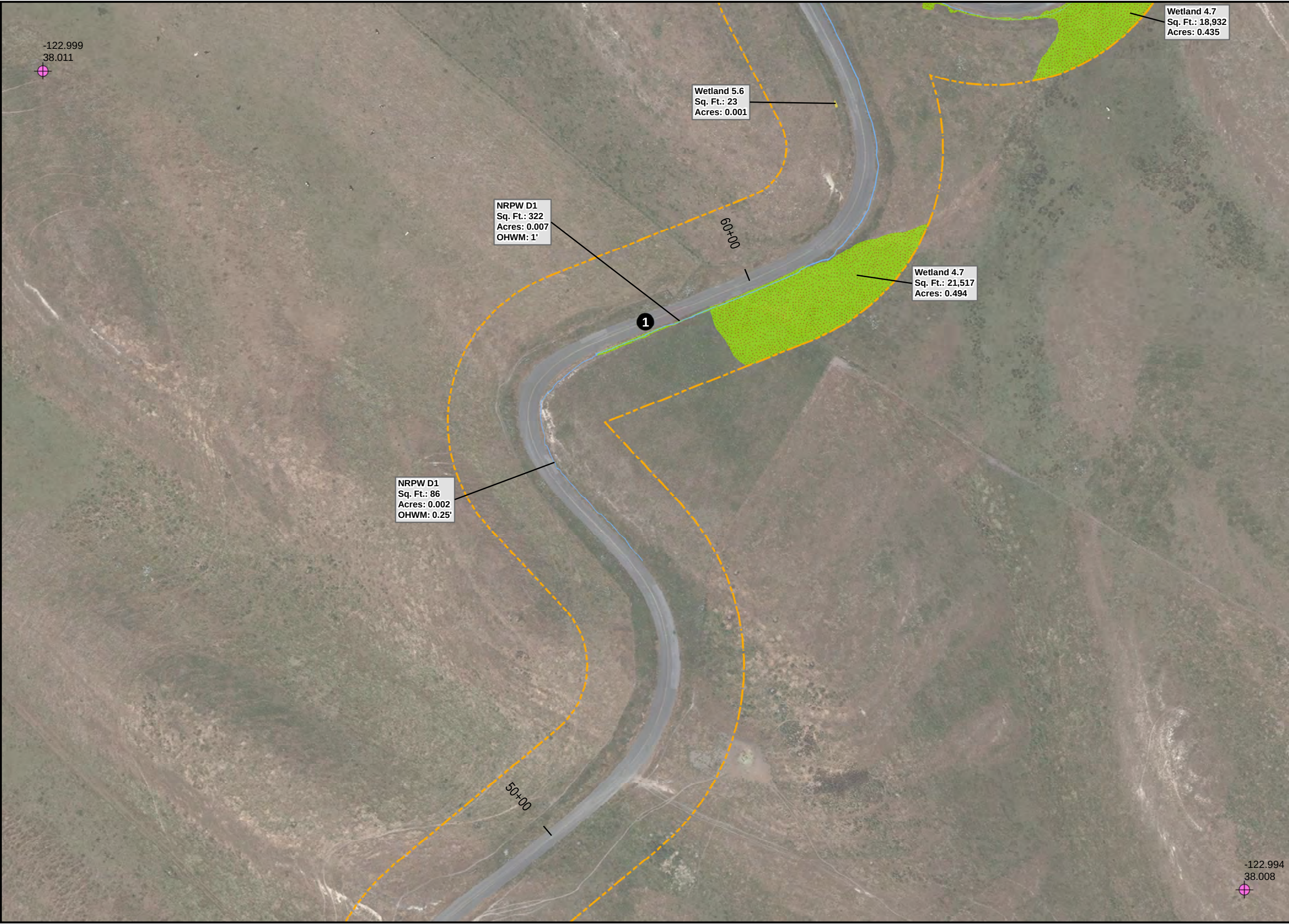
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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator

Page 39 of 44



Sir Francis Drake Boulevard Improvement Project

- Project Miles
- Stationing Line
- ▭ Survey Area
- ⊕ Reference Point

Wetlands

- ▭ PEM-Depressional
- ▭ PEM-Slope

Other Waters of the U.S.

- ▭ Ephemeral

1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

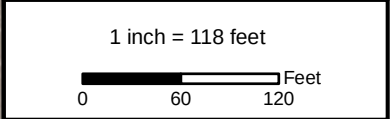
Regional Locator

Page 40 of 44



Sir Francis Drake
Boulevard Improvement
Project

- Stationing Line
- - - Survey Area
- ⊕ Reference Point
- Wetlands**
- PEM-Depressional



Source Layer Credits: 2016 NAIP Imagery

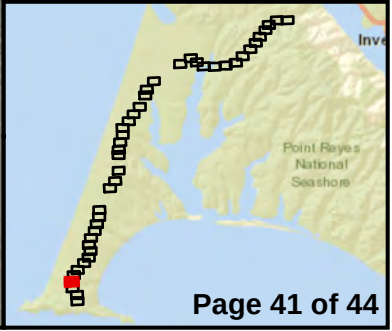
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California III FIPS 0502 Feet
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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator



Sir Francis Drake
Boulevard Improvement
Project

- Stationing Line
- Survey Area
- Reference Point

- Wetlands**
- PEM-Depressional
- Other Waters of the U.S.**
- Ephemeral



1 inch = 118 feet

0 60 120 Feet

Source Layer Credits: 2016 NAIP Imagery

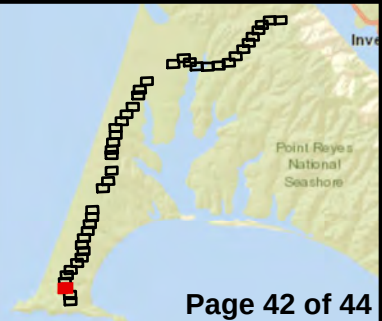
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Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.

Regional Locator



Wetland 5.6
Sq. Ft.: 659
Acres: 0.015

-122.995
38.005

NRPW Isolated
Sq. Ft.: 686
Acres: 0.016
OHWM: 1'

Wetland 5.6
Sq. Ft.: 3,568
Acres: 0.082

-123.000
38.003

40+00

30+00

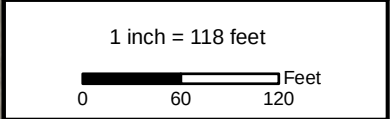


Sir Francis Drake
Boulevard Improvement
Project

— Stationing Line
- - - Survey Area
⊕ Reference Point

Wetlands
PEM-Depressional
Other Waters of the U.S.
Ephemeral

↑
N



Source Layer Credits: 2016 NAIP Imagery

Projection: Lambert Conformal Conic State Plane
California III FIPS 0502 Feet
North American Datum 1983

Map Prepared by: Jacobs Engineering,
Peter Barney. Wetlands delineated by: Jacobs
Engineering, Ben Eddy, Misha Seguin, Dan Soucy,
Lori McDonald. Prepared on: 05/30/2014 Revised
on: 3/21/2018

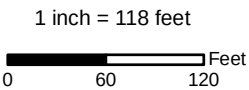
Sampling Points with numbers
correspond to Wetland
Determination Data Forms.

Aquatic features contiguous
with Survey Area boundaries
continue beyond the
project limits.



Sir Francis Drake
Boulevard Improvement
Project

- Wetland Sampling Point
- Upland Sampling Point
- Stationing Line
- Survey Area
- Reference Point
- Wetlands**
 - PEM-Depressional
- Other Waters of the U.S.**
 - Intermittent



Source Layer Credits: 2016 NAIP Imagery

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