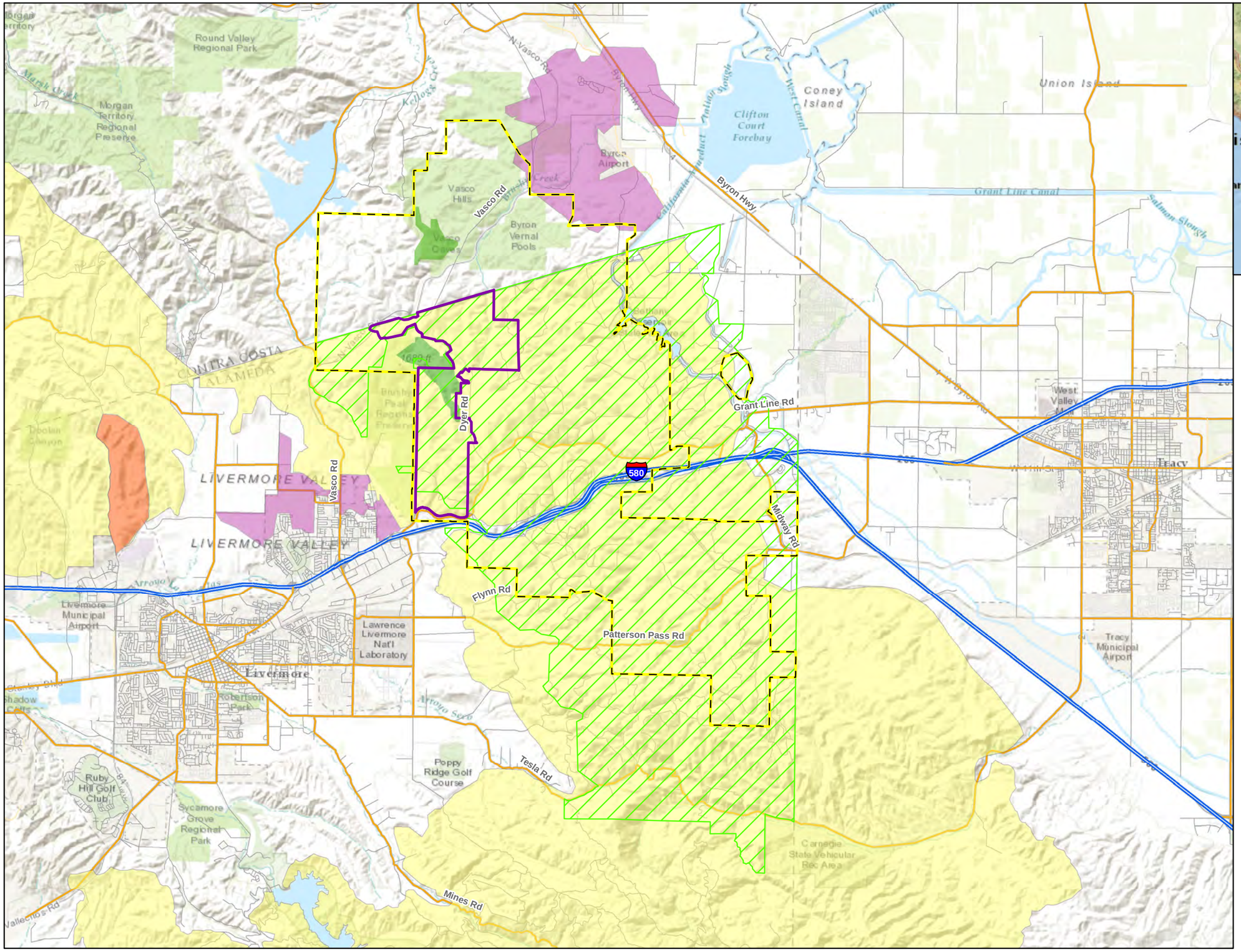


FIGURE 1
Project Location
Summit Wind Repower Project
Alameda County, California

ch2m

BAO CAKEBREAD C:\PROJ\ALTAMONTWINDS\680957SUMMITWINDPROJ\GIS\MAPFILES\2016\BA\OCTOBER\FIG1_PROJECT_LOCATION.MXD CARCHER 10/12/2016 8:23:15 AM

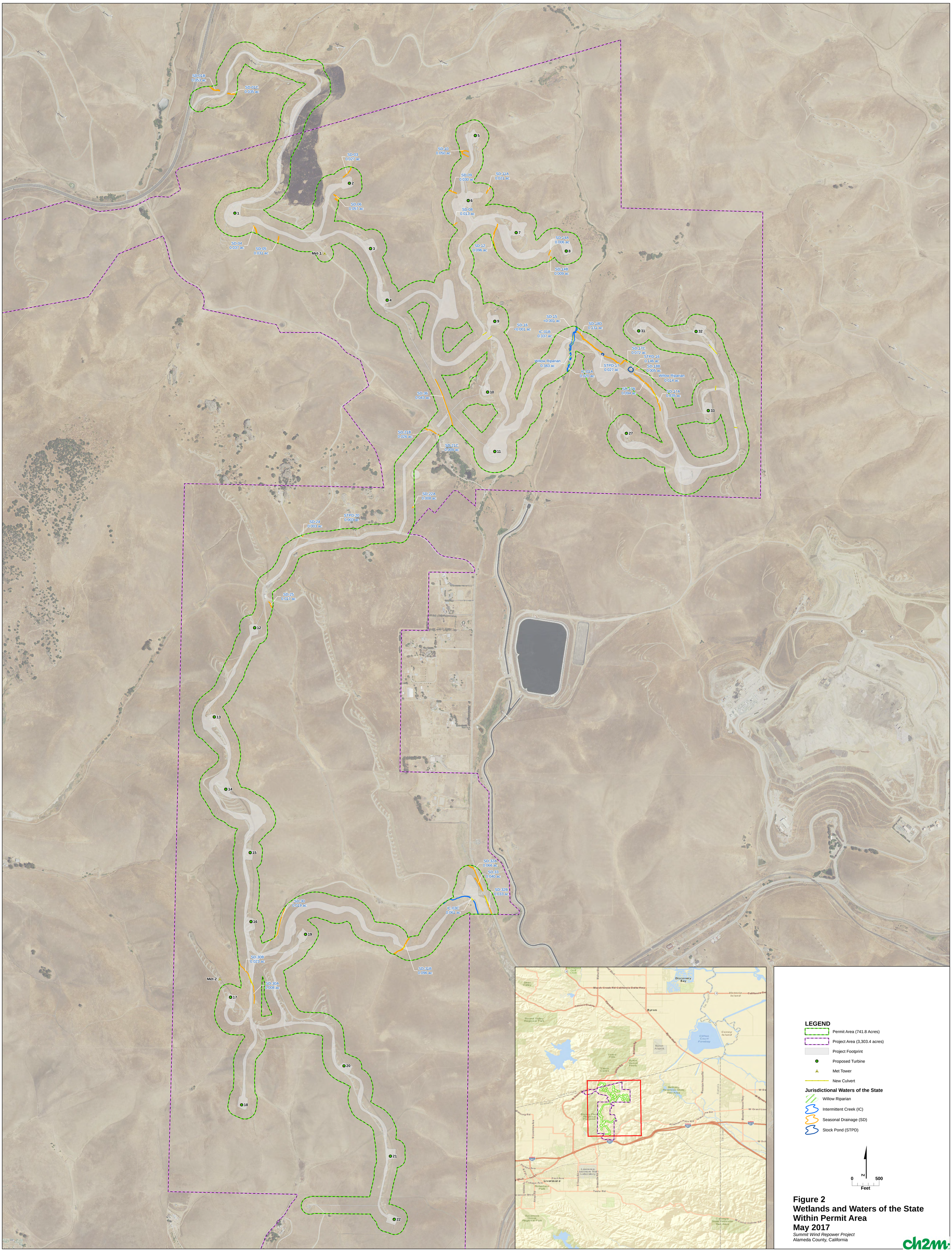


Figure 2
Wetlands and Waters of the State Within Permit Area
May 2017
Summit Wind Repower Project
Alameda County, California

ch2m

BAOTSP01 C:\PROJALTAMONTWINDS\680957SUMMITWINDPROJ\GIS\MAPFILES\2017\CDFW\MAY\FIG1_WETLANDS_WATERS_IN_PERMIT_AREA_MAY2017_E_SIZED.MXD CARCHER 5/11/2017 2:20:23 PM

Contra Costa County
Alameda County
VASCO RD
CHRISTENSEN RD
DYER RD
LAUGHLIN RD
ALTAMONT PASS RD
CARROLL RD
Dyer Substation
Frick Substation
580
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
27
31
32
33

LEGEND

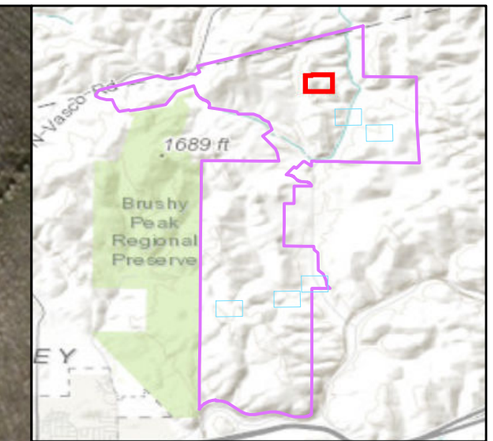
- Project Boundary (3,302.4 acres)
- Proposed Turbine
- Proposed Met Tower
- Substation
- Proposed Road
- Existing Road
- Collection Line
- Laydown Area
- Cut and Fill

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Copyright: © 2013 National Geographic Society

N
0 2,000
Feet

FIGURE 3
Site Layout
May 2017
Summit Wind Repower Project
Alameda County, California

ch2m



LEGEND

- Project Area (3,362.5 acres)
- Permit Area (611.2 Acres)
- Proposed Turbine (Subject to Refinement)
- Edge of 36 foot road

Permanent Impacts

- Roads and Pads

Temporary Impacts

- Cut and Fill

Permanent Jurisdictional Impacts

- Waters of U.S. (0.256 acre)

Jurisdictional Waters of the U.S./Waters of the State

- Seasonal Drainages (SD)

N

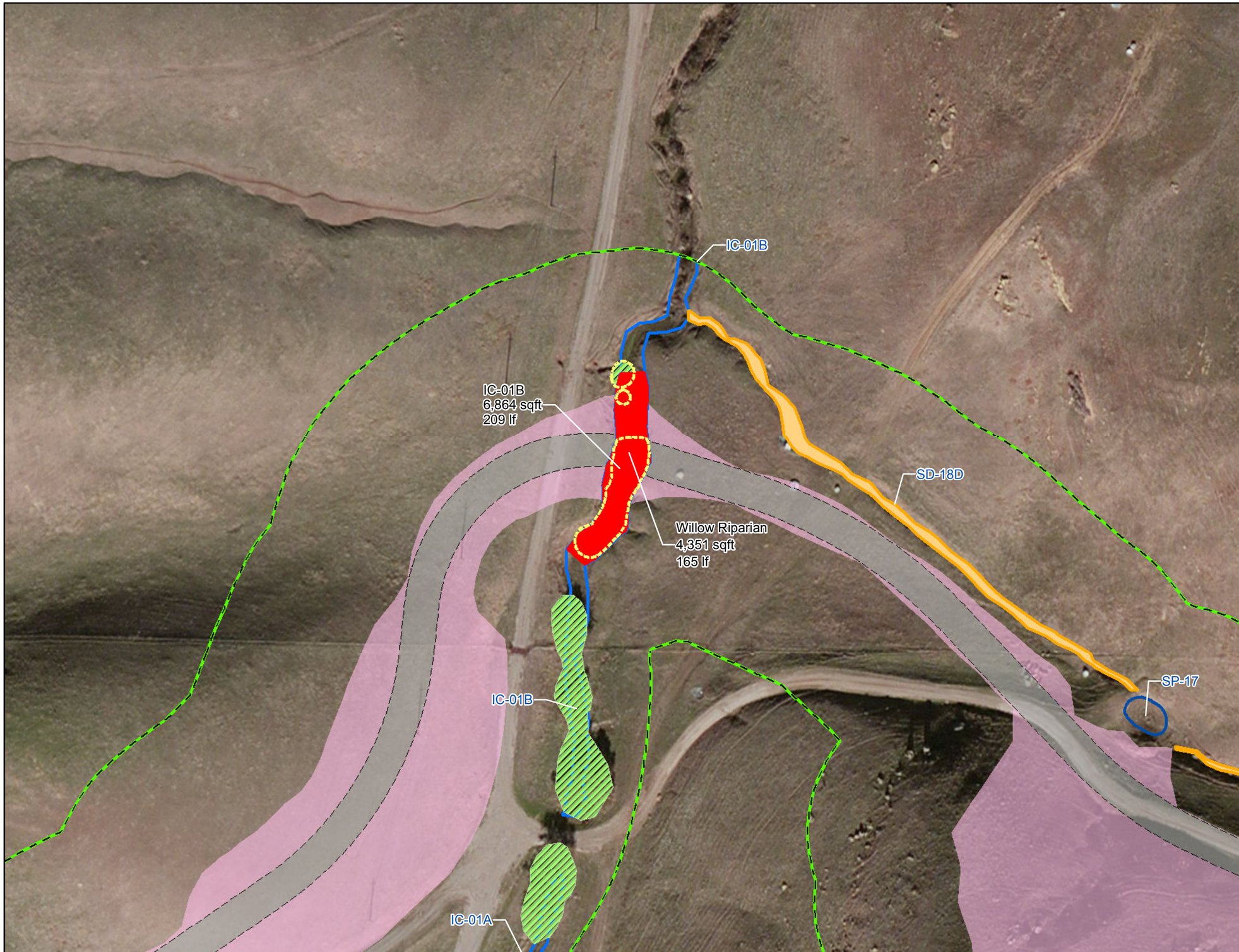
0 100 200
Feet

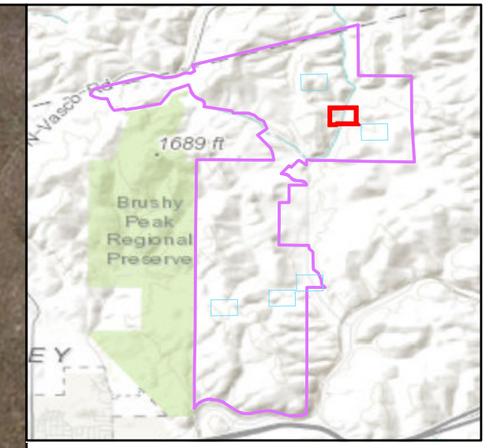
Figure 4

Waters of the U.S./ State Impacts
October 2016
Summit Wind Repower Project
Alameda County, California

ch2m

BAOTSP01 C:\PROJ\ALTAMONTWINDS\680957SUMMITWINDPROJ\GIS\MAPFILES\2016\WTLANDS_AND_WATERS\OCTOBER\FIG4_WETLAND_IMPACTS_MAPBOOK_101016.MXD CARCHER 10/17/2016 12:39:29 PM





LEGEND

- Project Area (3,362.5 acres)
- Permit Area (611.2 Acres)
- New Culvert
- Edge of 36 foot road

Permanent Impacts

- Roads and Pads

Temporary Impacts

- Cut and Fill

Permanent Jurisdictional Impacts

- Willow Riparian (0.10 acre)
- Waters of U.S. (0.256 acre)

Jurisdictional Waters of the U.S./Waters of the State

- Intermittent Creeks (IC)
- Willow Riparian (RIP)
- Seasonal Drainages (SD)
- Stock Pond (STPD)

N

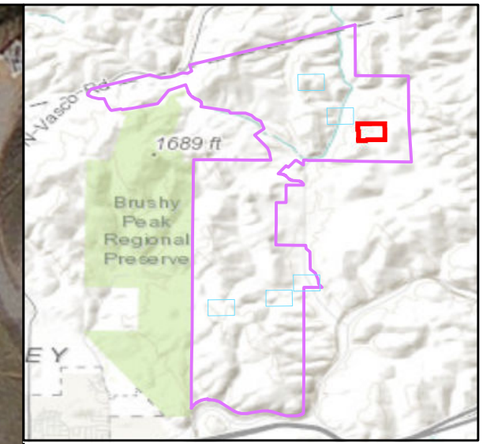
0 100 200
Feet

Figure 5

Waters of the U.S./ State Impacts
October 2016
Summit Wind Repower Project
Alameda County, California

ch2m

BAOTSP01 C:\PROJ\ALTAMONTWINDS\680957SUMMITWINDPROJ\GIS\MAPFILES\2016\WTLANDS_AND_WATERS\OCTOBER\FIG4_WETLAND_IMPACTS_MAPBOOK_101016.MXD CARCHER 10/17/2016 12:39:29 PM



LEGEND

- Project Area (3,362.5 acres)
- Permit Area (611.2 Acres)
- New Culvert
- Edge of 36 foot road

Permanent Impacts

- Roads and Pads

Temporary Impacts

- Cut and Fill

Permanent Jurisdictional Impacts

- Waters of U.S. (0.256 acre)

Jurisdictional Waters of the U.S./Waters of the State

- Willow Riparian (RIP)
- Seasonal Drainages (SD)
- Stock Pond (STPD)

N

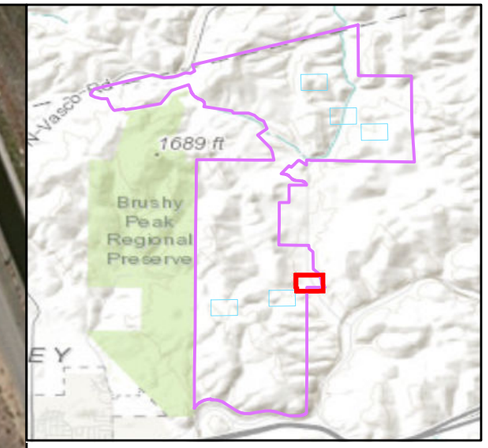
0 100 200
Feet

Figure 6

Waters of the U.S./ State Impacts
October 2016
Summit Wind Repower Project
Alameda County, California

ch2m

BAOTSP01 C:\PROJ\ALTAMONTWINDS\680957SUMMITWINDPROJ\GIS\MAPFILES\2016\WTLANDS_AND_WATERS\OCTOBER\FIG4_WETLAND_IMPACTS_MAPBOOK_101016.MXD CARCHER 10/17/2016 12:39:29 PM



LEGEND

- Project Area (3,362.5 acres)
- Permit Area (611.2 Acres)
- New Culvert
- Edge of 36 foot road

Permanent Impacts

- Roads and Pads
- Laydown Area

Temporary Impacts

- Cut and Fill

Permanent Jurisdictional Impacts

- Waters of U.S. (0.256 acre)

Jurisdictional Waters of the U.S./Waters of the State

- Intermittent Creeks (IC)
- Seasonal Drainages (SD)

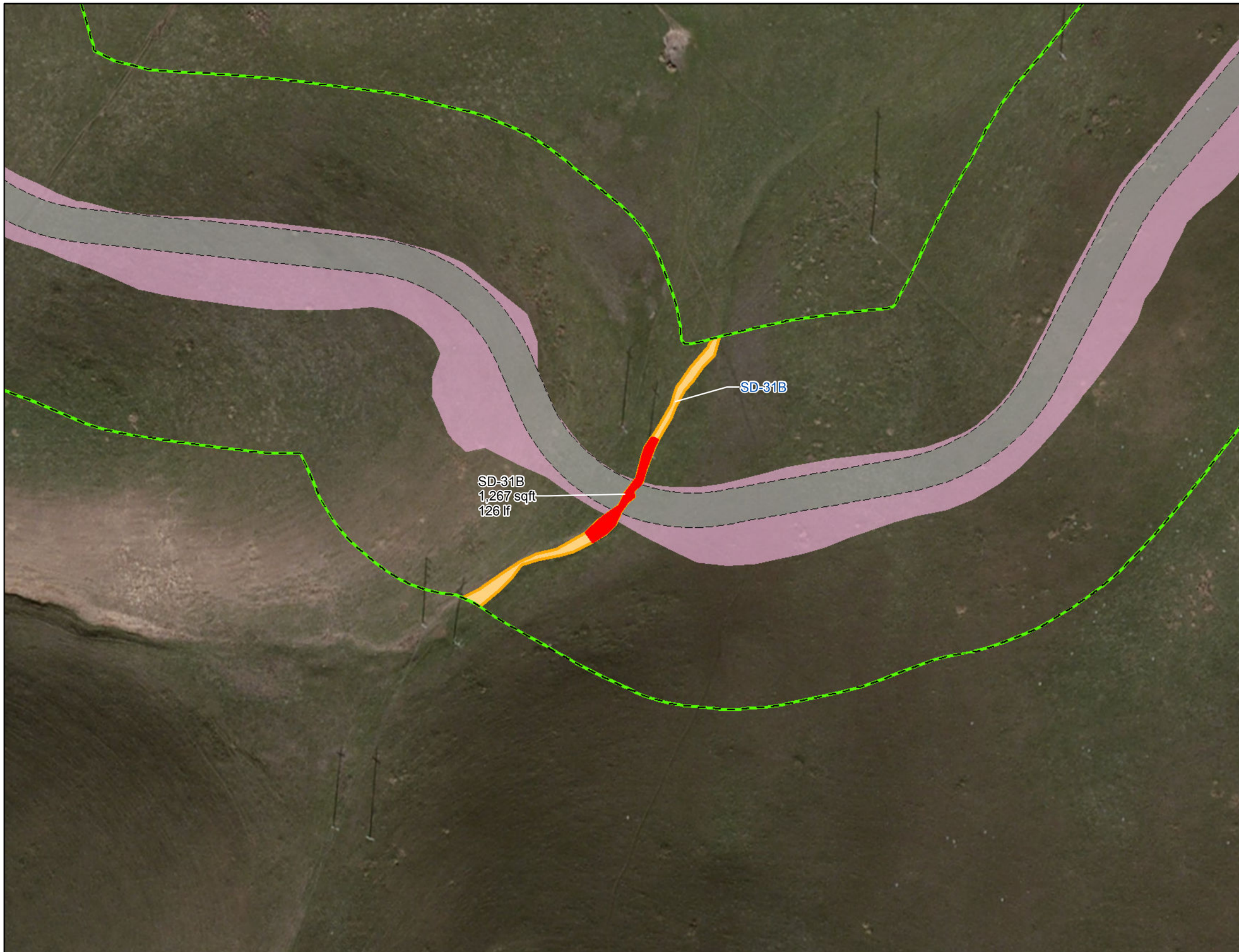
N

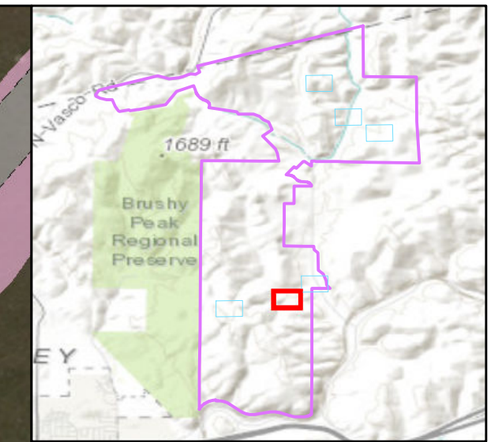
0 100 200
Feet

Figure 7

Waters of the U.S./ State Impacts
October 2016
Summit Wind Repower Project
Alameda County, California

ch2m





LEGEND

- Project Area (3,362.5 acres)
- Permit Area (611.2 Acres)
- New Culvert
- Edge of 36 foot road

Permanent Impacts

- Roads and Pads

Temporary Impacts

- Cut and Fill

Permanent Jurisdictional Impacts

- Waters of U.S. (0.256 acre)

Jurisdictional Waters of the U.S./Waters of the State

- Seasonal Drainages (SD)

N

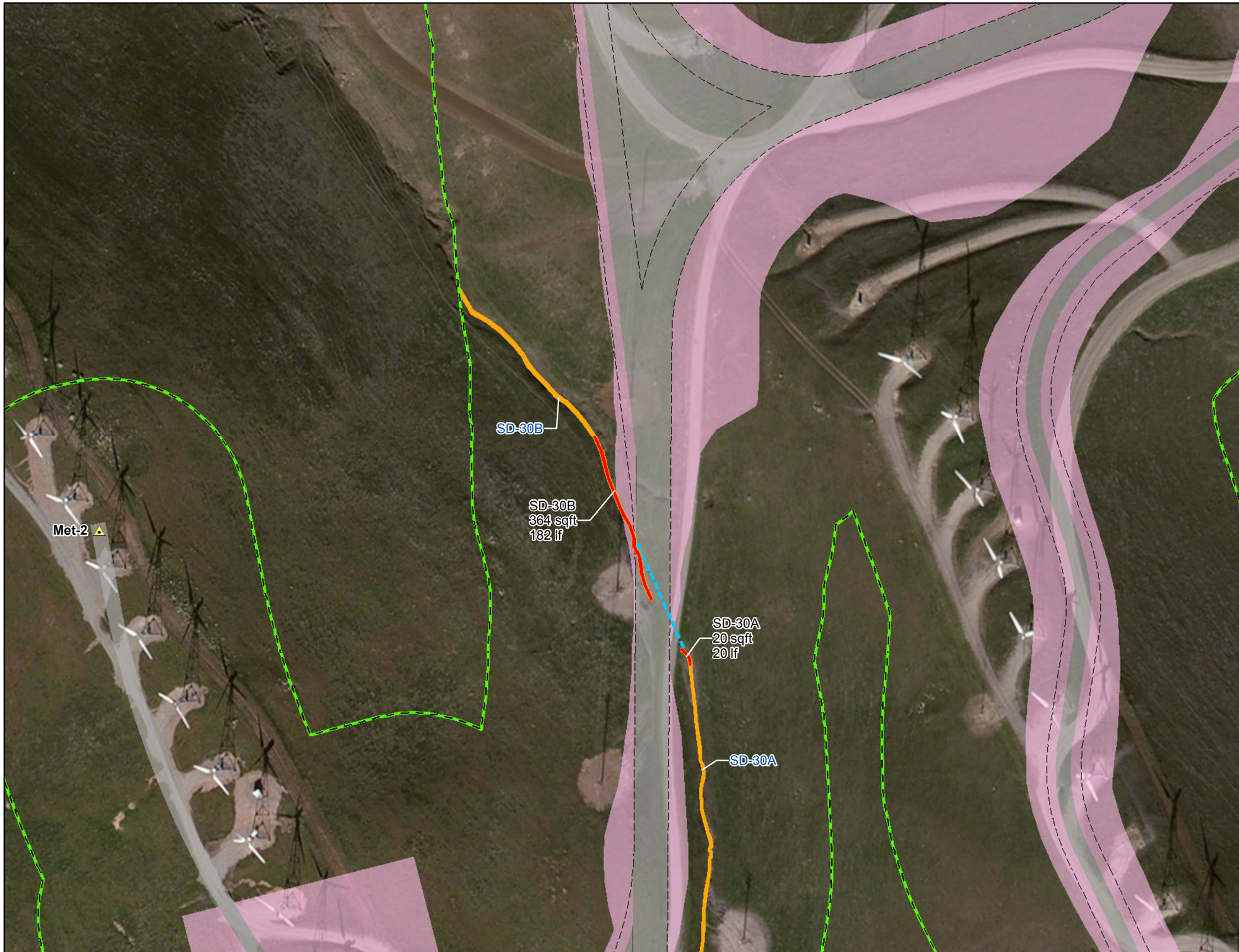
0 100 200
Feet

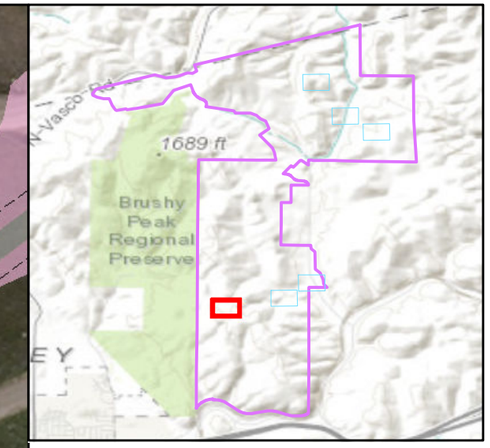
Figure 8

Waters of the U.S./ State Impacts
October 2016
Summit Wind Repower Project
Alameda County, California

ch2m

BAOTSP01 C:\PROJ\ALTAMONTWINDS\680957SUMMITWINDPROJ\GIS\MAPFILES\2016\WTLANDS_AND_WATERS\OCTOBER\FIG4_WETLAND_IMPACTS_MAPBOOK_101016.MXD CARCHER 10/17/2016 12:39:29 PM





LEGEND

- Project Area (3,362.5 acres)
- Permit Area (611.2 Acres)
- Met Tower
- New Culvert
- Edge of 36 foot road

Permanent Impacts

- Roads and Pads

Temporary Impacts

- Cut and Fill

Permanent Jurisdictional Impacts

- Waters of U.S. (0.256 acre)

Jurisdictional Waters of the U.S./Waters of the State

- Seasonal Drainages (SD)

N

0 100 200
Feet

Figure 9

Waters of the U.S./ State Impacts
October 2016
Summit Wind Repower Project
Alameda County, California

ch2m