Figure 3-1
Footprint of Approved Project and Proposed Project

Legend
- Plan Area
- Areas of Additional Analysis
- Utility Constructability
  - Permanent Surface Impact
  - Temporary Surface Impact
- Constructability
  - Permanent Subsurface Impact
  - Temporary Surface Impact
- Reusable Tunnel Material Area
- Barge Unloading Facility
- Safe Haven Work Area
- Fuel Station
- Concrete Batch Plant

Sources: Plan Area, ICF 2012; Constructability (Rev 5c), DHCCP DWR 2015; Constructability (Rev 1e), DHCCP DWR 2018

[Map showing the footprint of the Approved Project and the Proposed Project with various labeled areas and features.]
Figure 3-2

Difference in Areas of Surface Impact Between Proposed Project and Approved Project

Legend
- Only Areas of Surface Impact from Proposed Project
- Only Areas of Surface Impact from Approved Project
- Areas of Surface Impact from Both Projects

Plan Area

Areas of Additional Analysis

Note: Geotechnical Investigation Zones not included.

Sources: Plan Area, ICF 2012; Constructability (Rev 5c), DHCCP DWR 2015; Constructability (Rev 1e), DHCCP DWR 2018
In-river features are not a permanent impact to navigation.
Surface impacts are not expected to result from subsurface features.

Sources: DWR CWF Engineering (rev 1e 2018); NAIP 2016

See Ch. 3, Section 3.6.1.10 for more information.
Figure M3-4: Sheet 1 of 1

Proposed Project

- Plan Area
- Areas of Additional Analysis (Outside of Legal Delta; for Power Only)
- Point of Interconnection
- Proposed Permanent OH Transmission Line
- Proposed Temporary OH Transmission Line

- Intake
- Junction Structure
- Main Construction Shaft
- Ventilation/Access Shaft
- Canal
- Operable Barrier
- Permanent Access
- Siphon
- Temporary Access
- Tunnel

- Dredging
- Forebay
- Forebay Embankment
- Forebay Overflow
- Intake
- *Proposed Permanent Subsurface Impact
- **Proposed Permanent Surface Impact

- Proposed Temporary Surface Impact
- Reusable Tunnel Material Area
- Barge Unloading Facility
- Safe Haven Work
- Fuel Station
- Concrete Batch Plant
- Geotechnical Planning

- Proposed Project

*Surface impacts are not expected to result from subsurface features.
**In-river features are not a permanent impact to navigation.
***Surface impacts will only occur at sites selected for geotechnical explorations.
See Ch. 3, Section 3.6.1.10 for more information.

Sources: DWR CWF Engineering (rev. 1e 2018); NAIP 2016

DRAFT: 29 May 2018
Intake 5
Fuel Station
Concrete Batch Plant
Geotechnical Exploration Zone
North Tunnel
Geotechnical Exploration Zone
Geotechnical Exploration Zone
Pierson District
Merritt Island
Randall Island Rd
Wilson Rd
Alfalfa Plant Rd
Dierssen Rd
Stone Lake Rd
Vorden Rd
Russel Rd
Herzog Rd
Lambert Rd
CR E9

Sources: DWR CWF Engineering (rev 1e 2018); NAIP 2016

Plan Area
Areas of Additional Analysis
(Outside of Legal Delta; for Power Only)
Point of Interconnection
Proposed Permanent OH Transmission Line
Proposed Temporary OH Transmission Line
Intake
Junction Structure
Main Construction Shaft
Ventilation/Access Shaft
Canal
Operable Barrier
Permanent Access
Siphon
Temporary Access
Tunnel
Dredging
Forebay
Forebay Embankment
Forebay Overflow
Intake
*Proposed Permanent Subsurface Impact
**Proposed Permanent Surface Impact
Proposed Temporary Surface Impact
Reusable Tunnel Material Area
Barge Unloading Facility
Safe Haven Work
Fuel Station
Concrete Batch Plant
Geotech Planning

*Surface impacts are not expected to result from subsurface features.
**In-river features are not a permanent impact to navigation.
***Surface impacts will only occur at sites selected for geotechnical explorations.
See Ch. 3, Section 3.6.1.10 for more information.
**Figure M3-4: Sheet 5 of 12**

**Proposed Project**

- **Point of Interconnection**
- **Proposed Permanent OH Transmission Line**
- **Proposed Temporary OH Transmission Line**
- **Dredging**
- **Intake**
- **Junction Structure**
- **Main Construction Shaft**
- **Ventilation/Access Shaft**
- **Canal**
- **Operable Barrier**
- **Permanent Access**
- **Siphon**
- **Temporary Access**
- **Tunnel**
- **Proposed Temporary Surface Impact**
- **Reusable Tunnel Material Area**
- **Barge Unloading Facility**
- **Safe Haven Work**
- **Fuel Station**
- **Concrete Batch Plant**
- **Geotech Planning**

**Geotechnical Exploration Zone**

**Shaft Location**

**Tunnel**

**Canal Ranch**

**Brannan-Andrus Island**

**New Hope Tract**

**South Mokelumne River**

**Georgiana Slough**

**North Mokelumne River**

**Staten Island Rd**

**Andrus Island Rd**

**Race Track Rd**

**Tyler Island Rd**

**Woodbridge Rd**

**Sources:** DWR CWF Engineering (rev 1e 2018); NAIP 2016

**Notes:**
- *Surface impacts are not expected to result from subsurface features.*
- **In-river features are not a permanent impact to navigation.**
- **Surface impacts will only occur at sites selected for geotechnical explorations.**

See Ch. 3, Section 3.6.1.10 for more information.