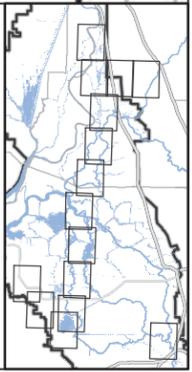
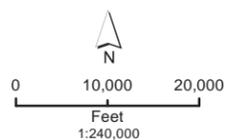


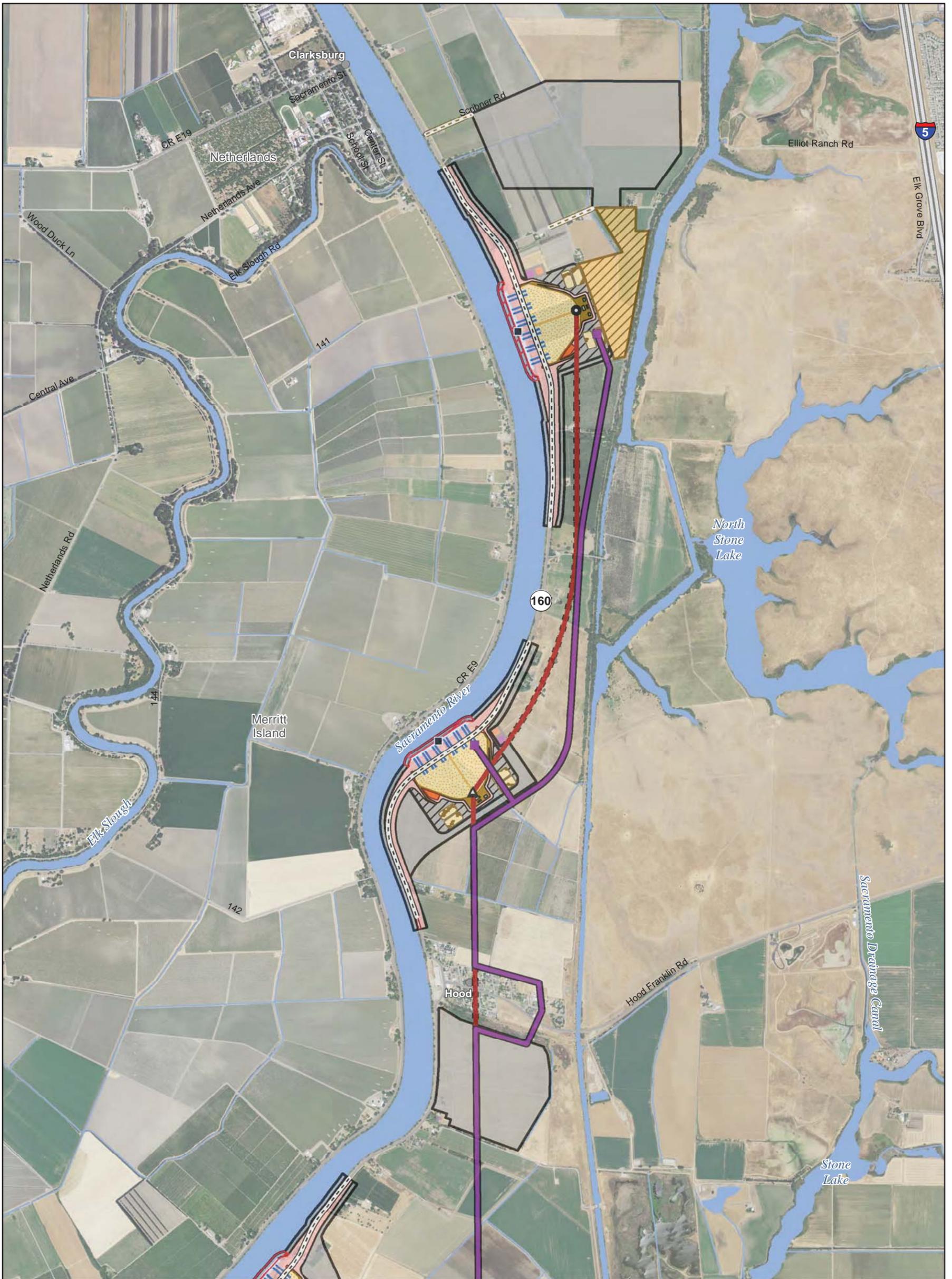
- Legend**
- Interstate
 - State Highway/Route
 - Railroad
 - Plan Area
 - Water



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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure: Index
CCO Rev 5a
Clifton Court Pumping Plant Option



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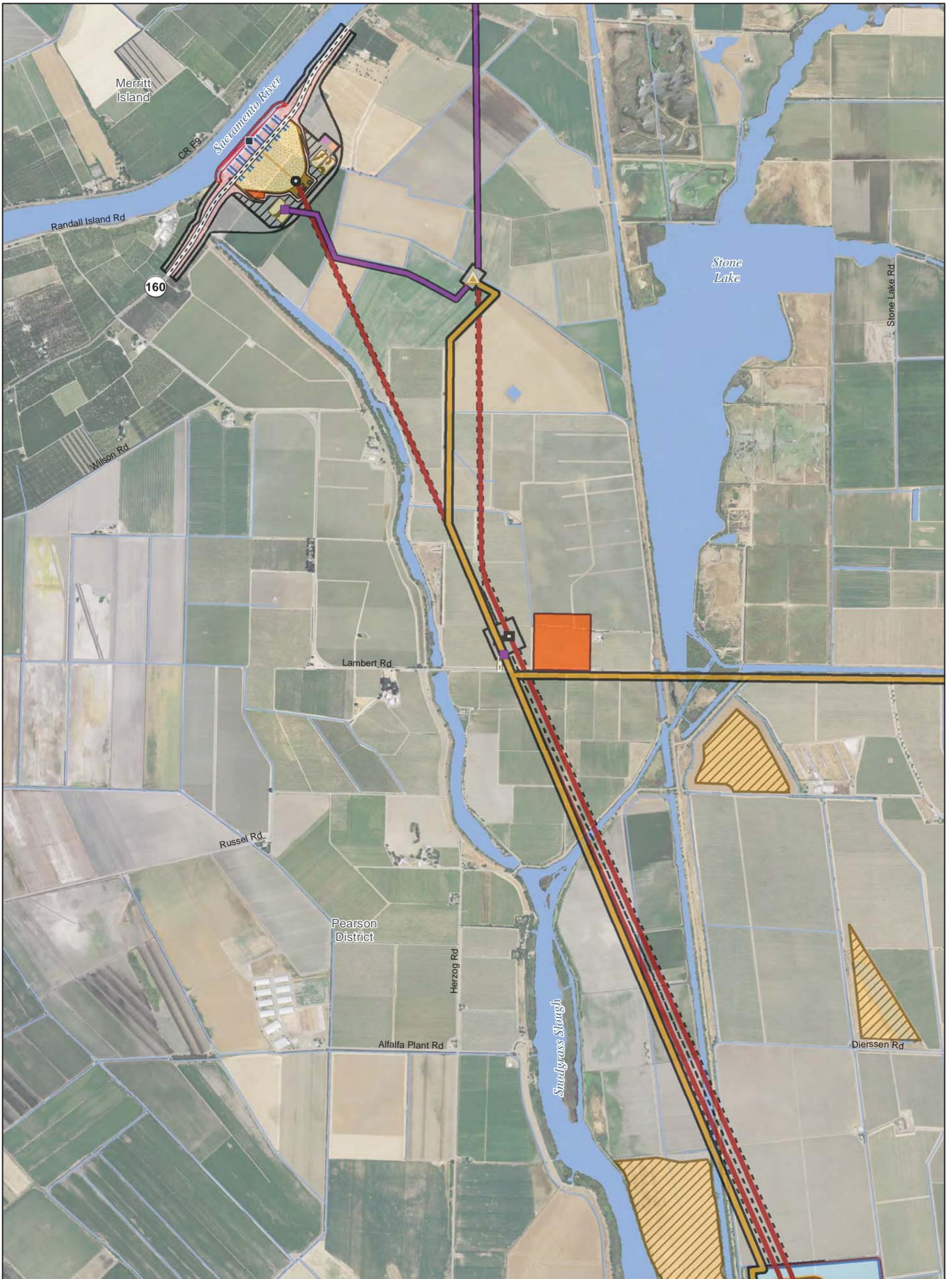
Utility Features	<ul style="list-style-type: none"> 500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon 	<ul style="list-style-type: none"> Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad 	<ul style="list-style-type: none"> Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer 	<ul style="list-style-type: none"> Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility 	<ul style="list-style-type: none"> Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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Feet

Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 1 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option

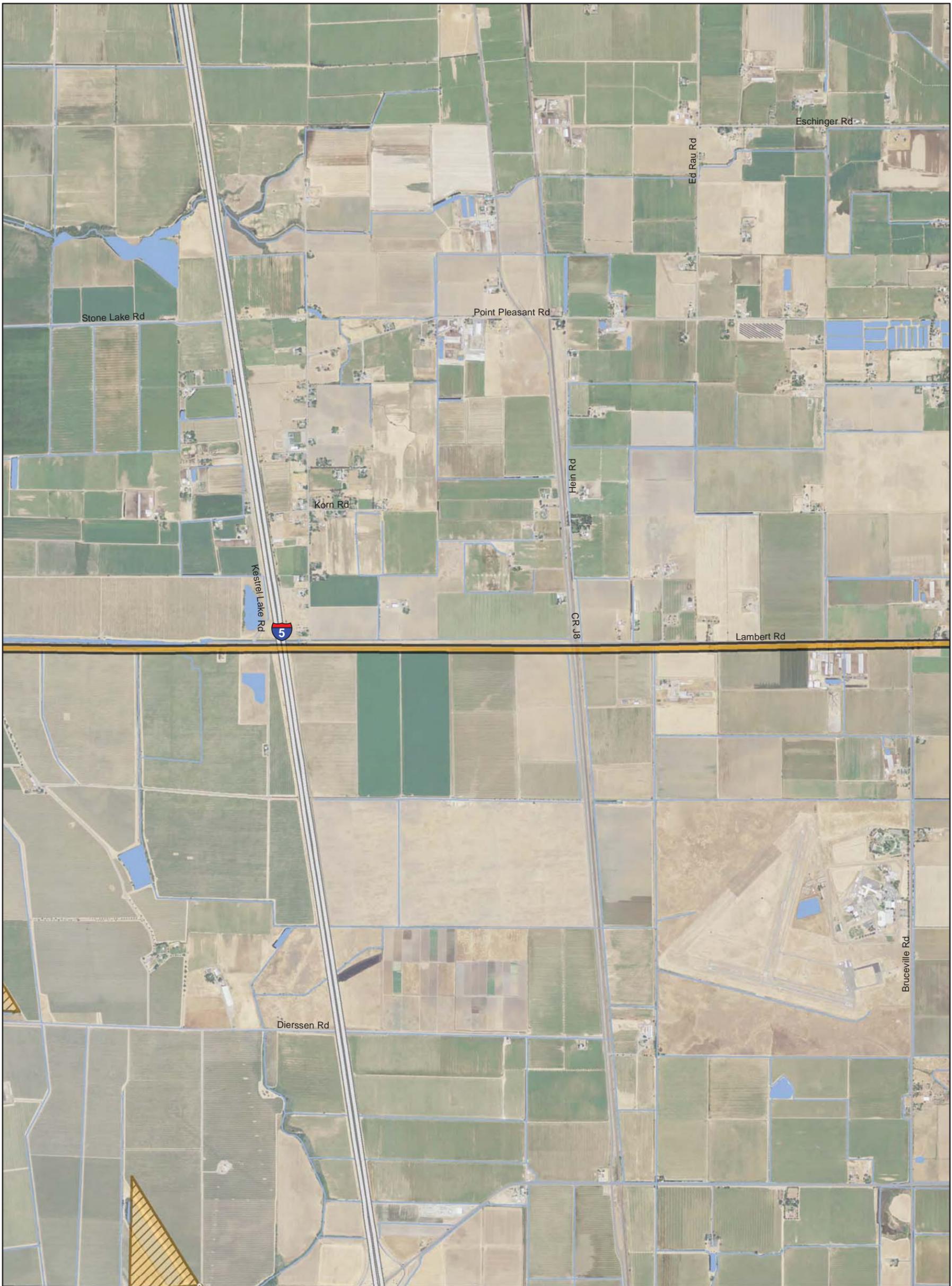


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Utility Features Proposed Tower Existing Tower Point of Interconnection Substation Local Tap	500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed)	Engineering Features Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon	Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad	Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer	Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility	Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 2 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option



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Utility Features	<ul style="list-style-type: none"> 500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon 	<ul style="list-style-type: none"> Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad 	<ul style="list-style-type: none"> Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer 	<ul style="list-style-type: none"> Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility 	<ul style="list-style-type: none"> Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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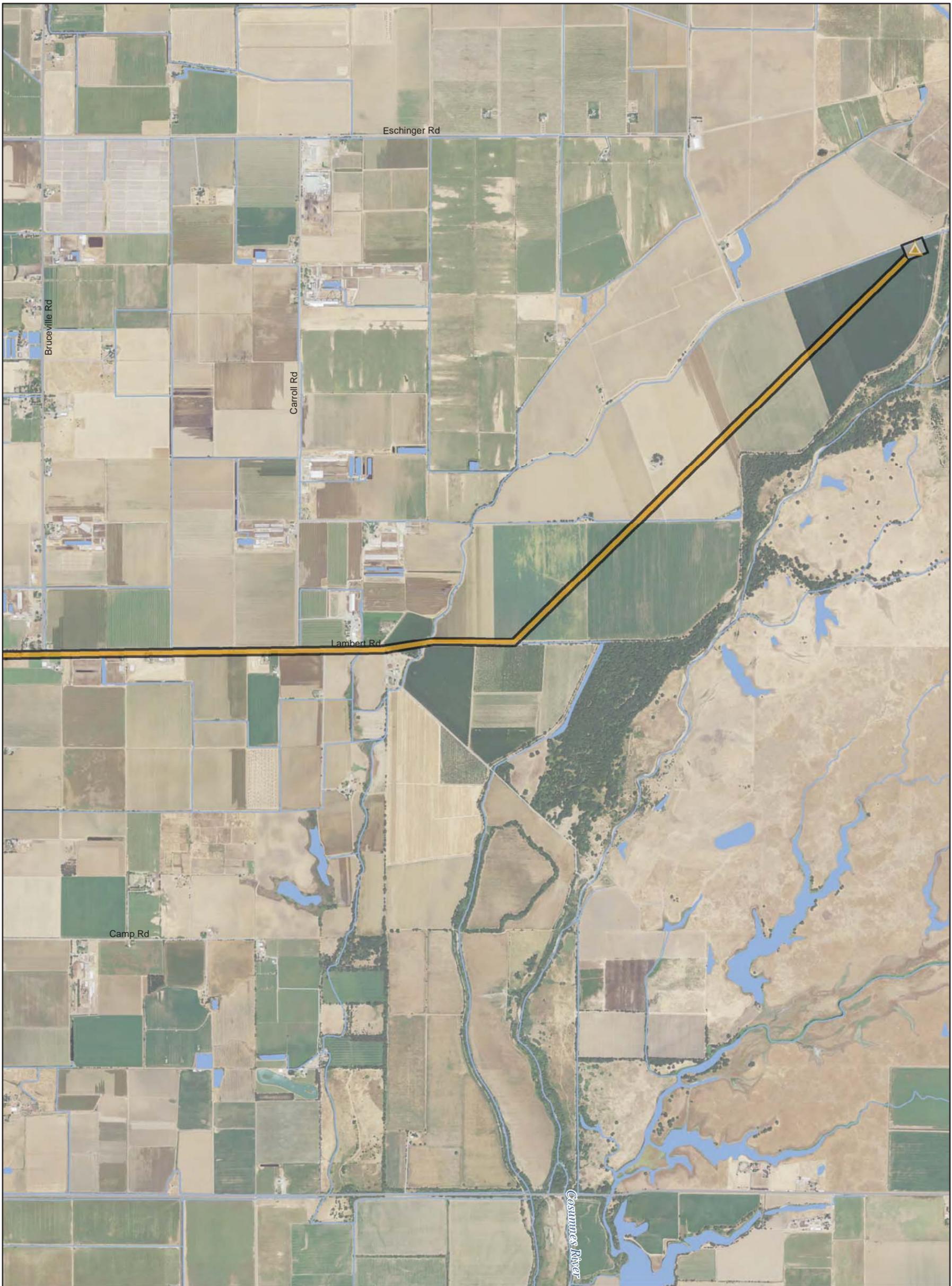
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Feet

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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 3 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option



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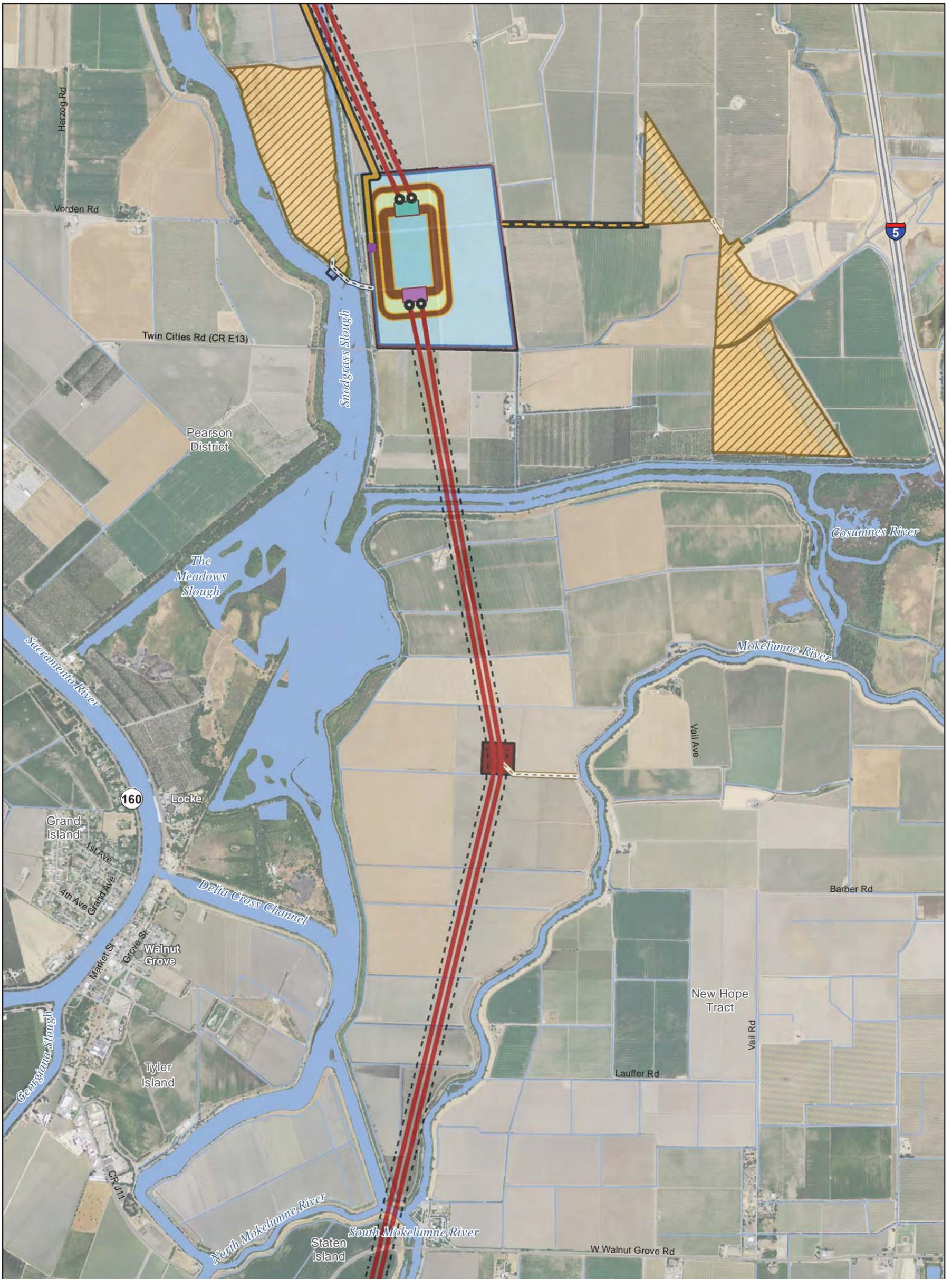
Utility Features Proposed Tower Existing Tower Point of Interconnection Substation Local Tap		Engineering Features Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon		Temporary Access Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad		Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer		Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage/Detention Tank Water Treatment Facility		Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant	
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Feet

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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 4 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option



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Utility Features	<ul style="list-style-type: none"> 500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon 	<ul style="list-style-type: none"> Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad 	<ul style="list-style-type: none"> Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer 	<ul style="list-style-type: none"> Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility 	<ul style="list-style-type: none"> Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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Feet

Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 5 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option



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Utility Features	<ul style="list-style-type: none"> — 500 kV (Existing) — 500 kV (Proposed) — 230 kV (Existing) — 230 kV (Proposed) — 230/34.5 kV (Proposed) — 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> — Temporary Access Road — Tunnel — Tunnel Conveyor — Canal — Cofferdam — Control Structure — Dredging — Electrical Substation — Emergency Generator — Facility Access — Facility Grounds — Fill Pad 	<ul style="list-style-type: none"> — Forebay — Forebay Embankment — Forebay Inlet Structure — Forebay Outlet Structure — Forebay Overflow — Forebay Overflow Structure — Fuel Tank — Gravity-Bypass — Channel Spillway — Intake — MCC/Electrical Building — Office Trailer 	<ul style="list-style-type: none"> — Outlet Tower — Overflow Containment — Berm — Piping — Public Road — Pumping Plant — Sediment Basin — Solids Lagoon — Staging Area — Storage — Storage/Detention Tank — Water Treatment Facility 	<ul style="list-style-type: none"> — Permanent Subsurface Impact — Permanent Surface Impact — Temporary Surface Impact — Reusable Tunnel Material Area — Barge Unloading Facility — Safe Haven Work — Fuel Station — Concrete Batch Plant
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Utility Features

- Proposed Tower
- Existing Tower
- Point of Interconnection
- Substation
- Local Tap

Engineering Features

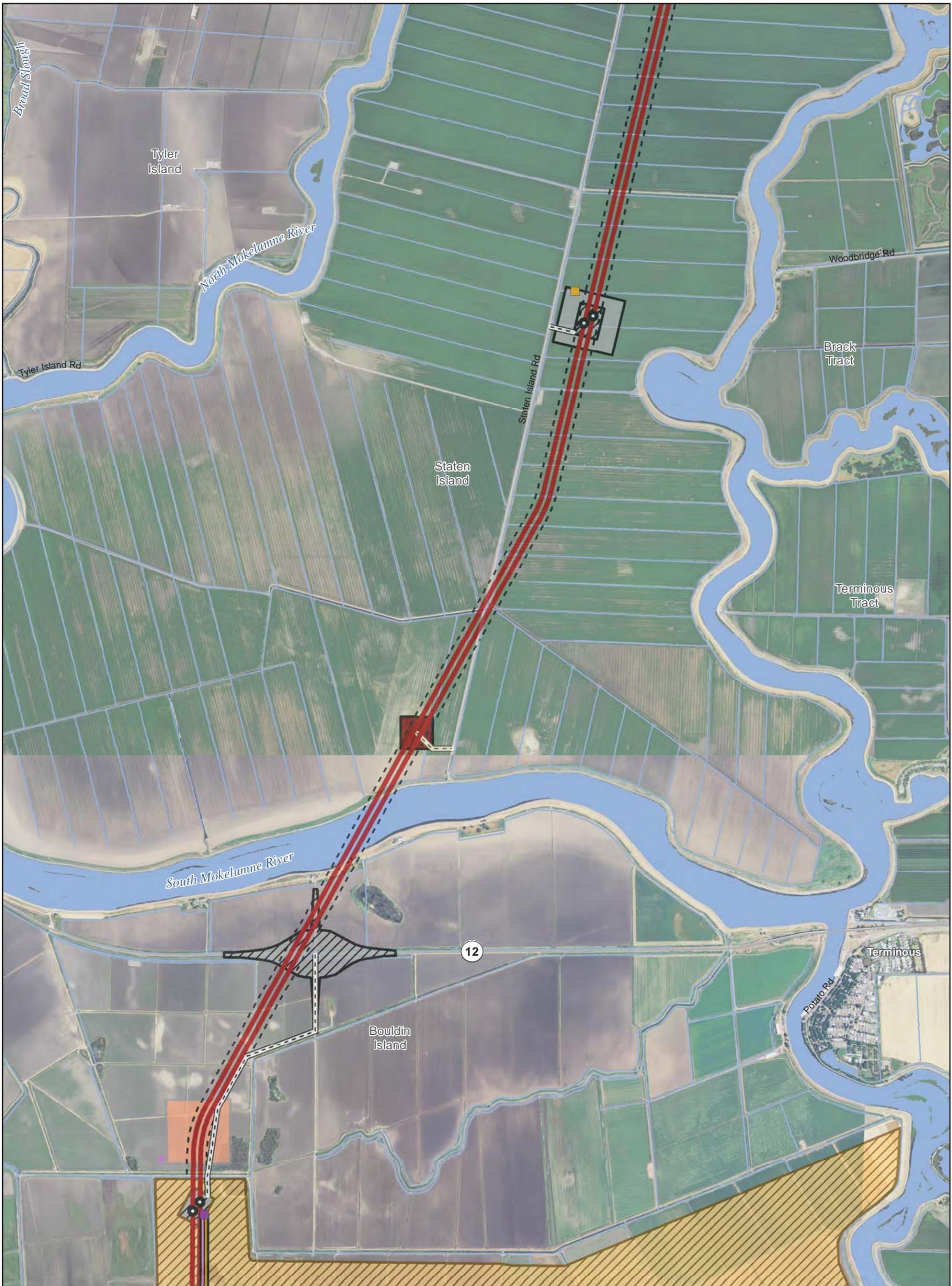
- Intake
- Junction Structure
- Main Construction Shaft
- Ventilation/Access Shaft
- Canal
- Operable Barrier
- Permanent Access Road
- Siphon

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Feet

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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 6 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option

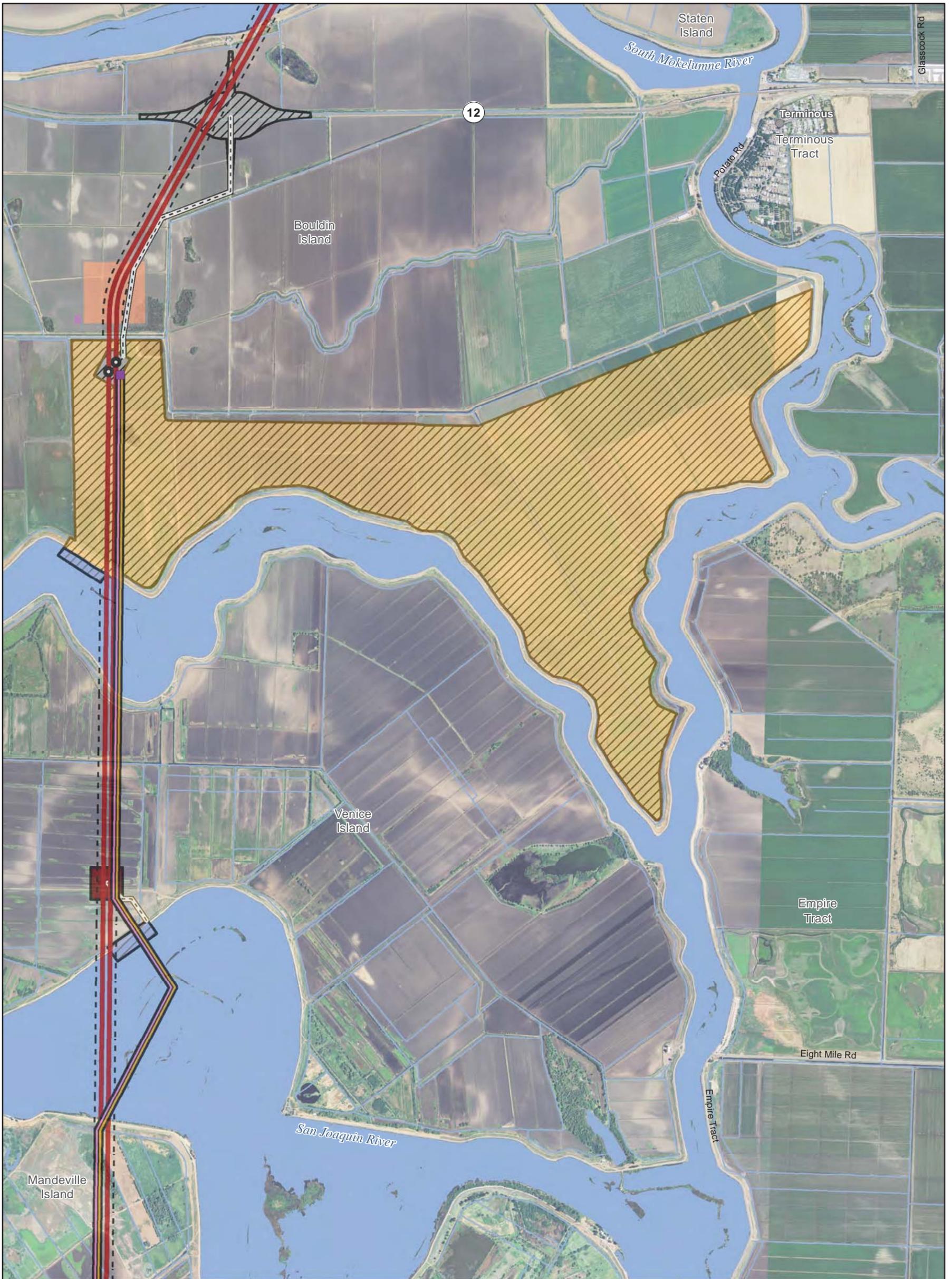


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Utility Features Proposed Tower Existing Tower Point of Interconnection Substation Local Tap		Engineering Features Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon		Temporary Access Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad		Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Structure Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer		Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage/Detention Tank Water Treatment Facility		Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant	
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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

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CCO Rev 5a
Clifton Court Pumping Plant Option



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Utility Features	<ul style="list-style-type: none"> 500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon 	<ul style="list-style-type: none"> Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad 	<ul style="list-style-type: none"> Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer 	<ul style="list-style-type: none"> Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility 	<ul style="list-style-type: none"> Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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Feet

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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 8 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option



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Utility Features	<ul style="list-style-type: none"> — 500 kV (Existing) — 500 kV (Proposed) — 230 kV (Existing) — 230 kV (Proposed) — 230/34.5 kV (Proposed) — 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> — Intake ▲ Junction Structure ● Main Construction Shaft ■ Ventilation/Access Shaft — Canal — Operable Barrier — Permanent Access Road — Siphon 	<ul style="list-style-type: none"> — Temporary Access Road — Tunnel — Tunnel Conveyor — Canal — Cofferdam — Control Structure — Dredging — Electrical Substation — Emergency Generator — Facility Access — Facility Grounds — Fill Pad 	<ul style="list-style-type: none"> — Forebay — Forebay Embankment — Forebay Inlet Structure — Forebay Outlet Structure — Forebay Overflow — Forebay Overflow Structure — Fuel Tank — Gravity-Bypass — Channel Spillway — Intake — MCC/Electrical Building — Office Trailer 	<ul style="list-style-type: none"> — Outlet Tower — Overflow Containment — Berm — Piping — Public Road — Pumping Plant — Sediment Basin — Solids Lagoon — Staging Area — Storage — Storage/Detention Tank — Water Treatment Facility 	<ul style="list-style-type: none"> — Permanent Subsurface Impact — Permanent Surface Impact — Temporary Surface Impact — Reusable Tunnel Material Area — Barge Unloading Facility — Safe Haven Work — Fuel Station — Concrete Batch Plant
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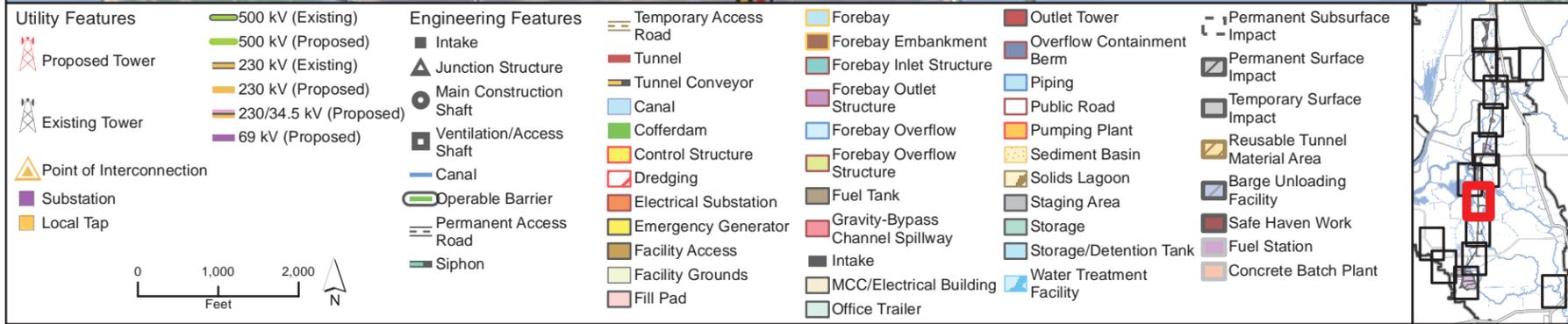
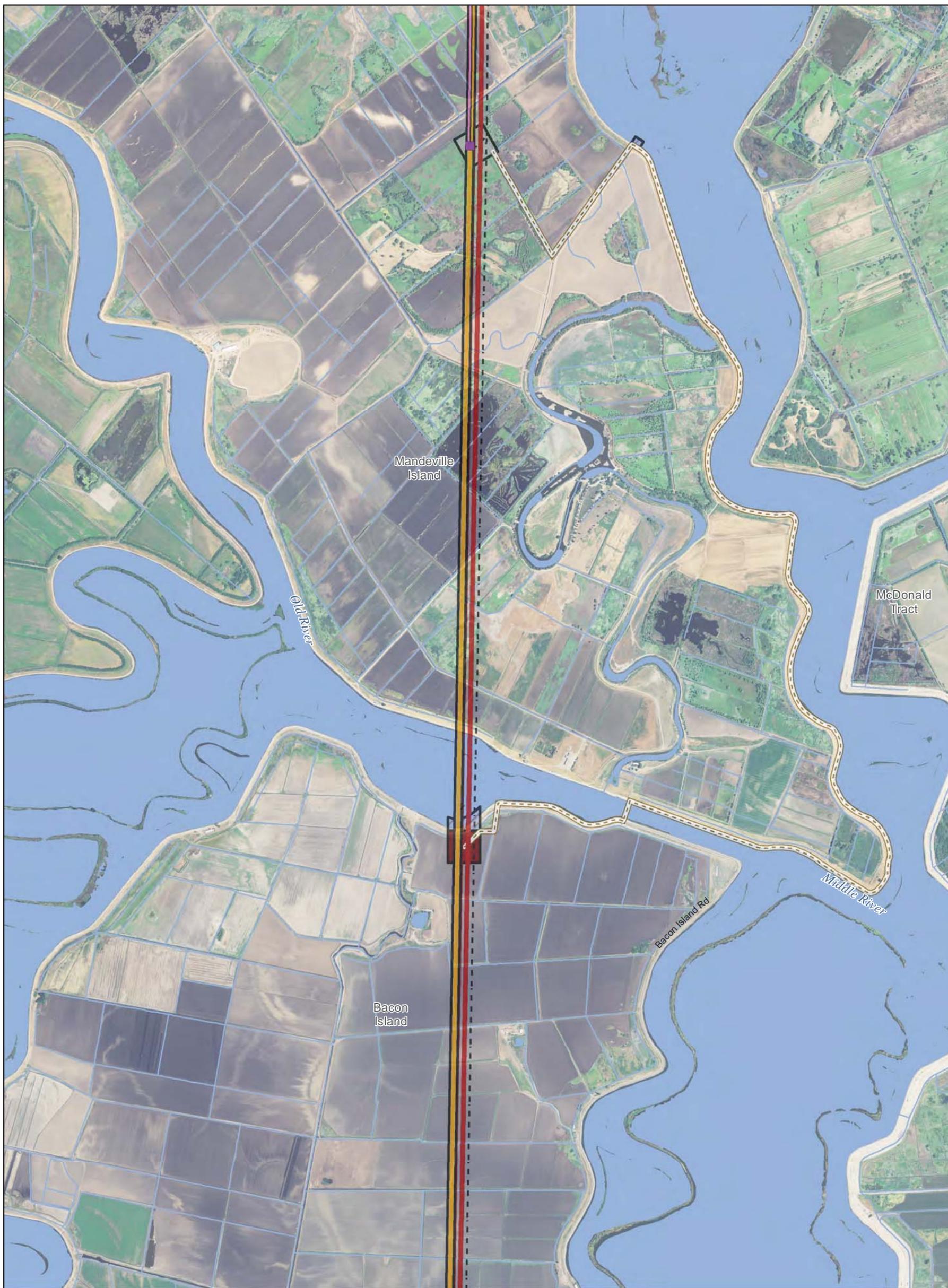
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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 9 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option

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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 10 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option

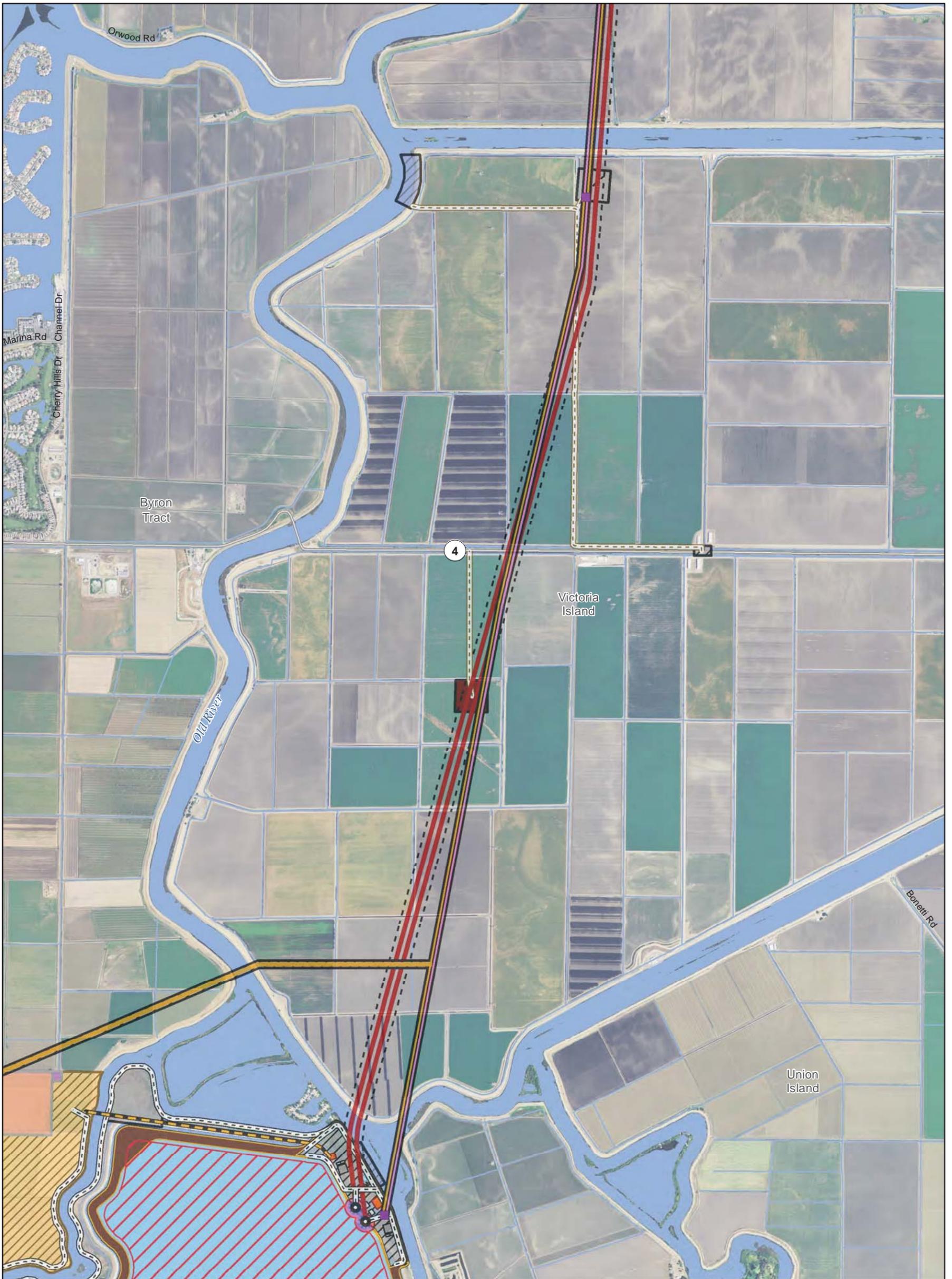


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Utility Features Proposed Tower Existing Tower Point of Interconnection Substation Local Tap		Engineering Features Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon		Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad		Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer		Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility		Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant	
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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 11 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option

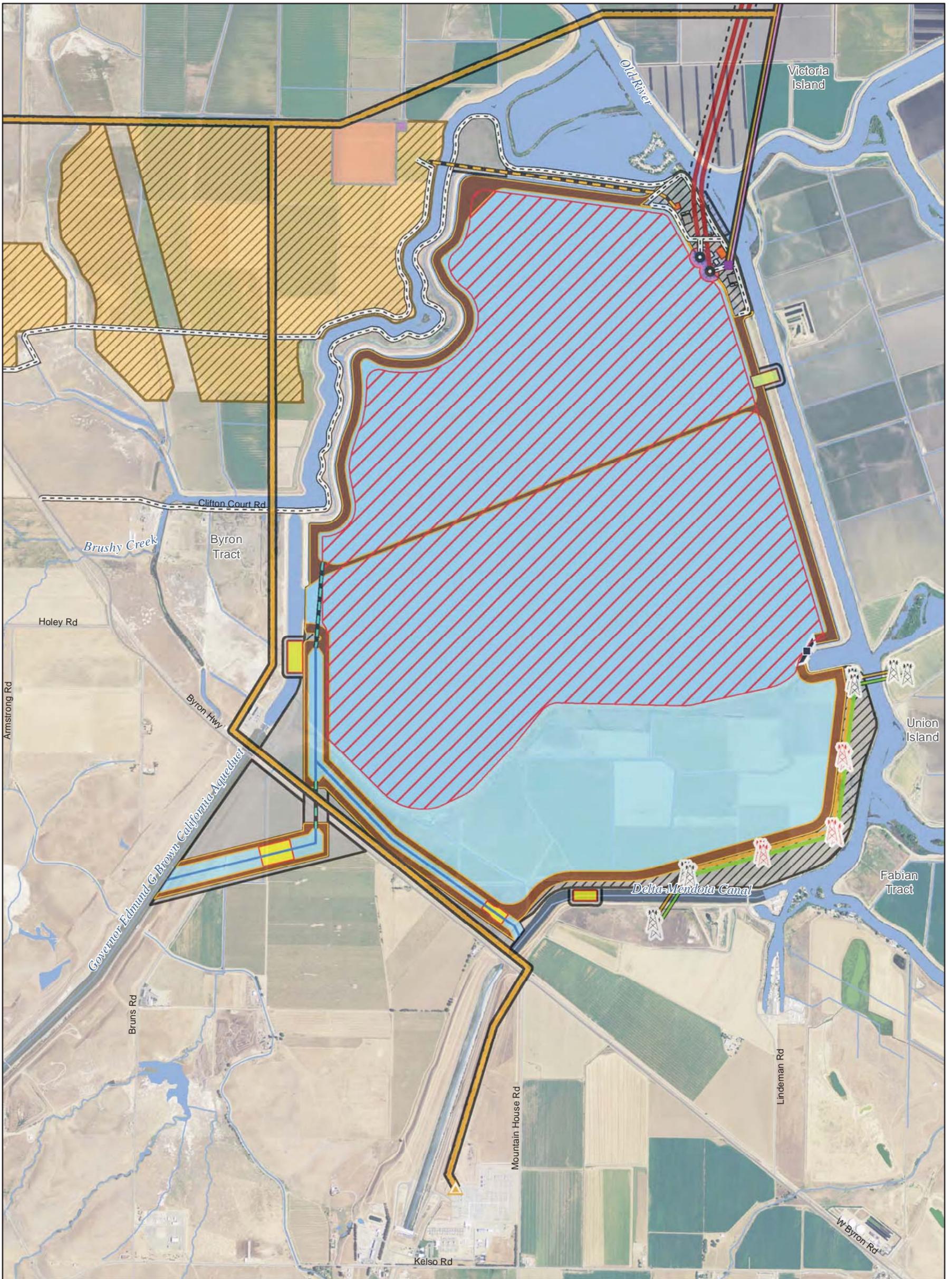


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Utility Features Proposed Tower Existing Tower Point of Interconnection Substation Local Tap	500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed)	Engineering Features Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon	Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad	Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer	Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage/Detention Tank Water Treatment Facility	Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 12 of 16
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Clifton Court Pumping Plant Option



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Utility Features	<ul style="list-style-type: none"> 500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon 	<ul style="list-style-type: none"> Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad 	<ul style="list-style-type: none"> Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer 	<ul style="list-style-type: none"> Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility 	<ul style="list-style-type: none"> Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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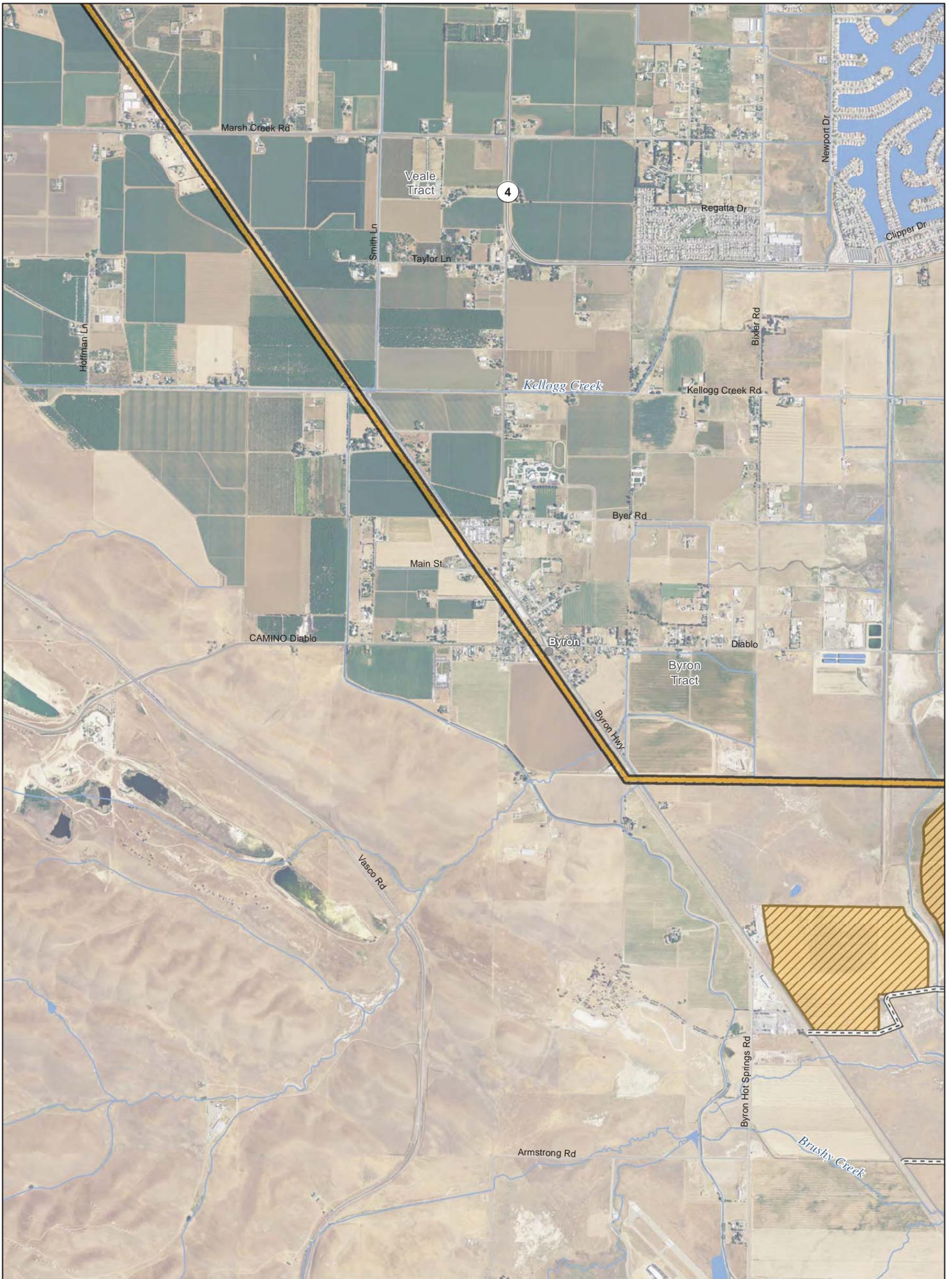
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Feet

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Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 13 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option



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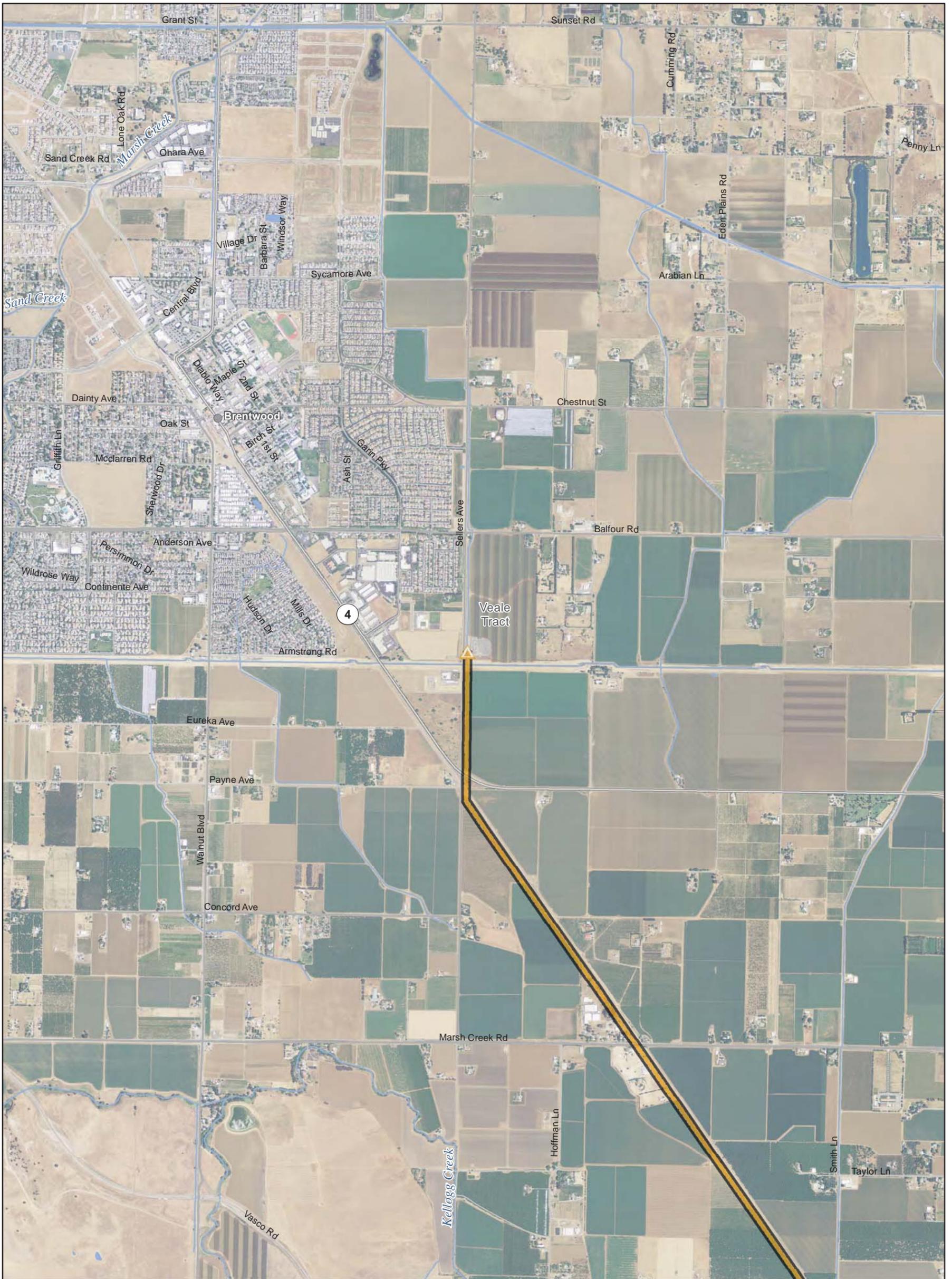
Utility Features	<ul style="list-style-type: none"> 500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon 	<ul style="list-style-type: none"> Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad 	<ul style="list-style-type: none"> Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer 	<ul style="list-style-type: none"> Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility 	<ul style="list-style-type: none"> Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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Feet

Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 14 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option



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Utility Features	<ul style="list-style-type: none"> 500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon 	<ul style="list-style-type: none"> Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad 	<ul style="list-style-type: none"> Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer 	<ul style="list-style-type: none"> Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility 	<ul style="list-style-type: none"> Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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Feet

Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

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CCO Rev 5a
Clifton Court Pumping Plant Option



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Utility Features	<ul style="list-style-type: none"> 500 kV (Existing) 500 kV (Proposed) 230 kV (Existing) 230 kV (Proposed) 230/34.5 kV (Proposed) 69 kV (Proposed) 	Engineering Features	<ul style="list-style-type: none"> Intake Junction Structure Main Construction Shaft Ventilation/Access Shaft Canal Operable Barrier Permanent Access Road Siphon 	<ul style="list-style-type: none"> Temporary Access Road Tunnel Tunnel Conveyor Canal Cofferdam Control Structure Dredging Electrical Substation Emergency Generator Facility Access Facility Grounds Fill Pad 	<ul style="list-style-type: none"> Forebay Forebay Embankment Forebay Inlet Structure Forebay Outlet Structure Forebay Overflow Forebay Overflow Structure Fuel Tank Gravity-Bypass Channel Spillway Intake MCC/Electrical Building Office Trailer 	<ul style="list-style-type: none"> Outlet Tower Overflow Containment Berm Piping Public Road Pumping Plant Sediment Basin Solids Lagoon Staging Area Storage Storage/Detention Tank Water Treatment Facility 	<ul style="list-style-type: none"> Permanent Subsurface Impact Permanent Surface Impact Temporary Surface Impact Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Fuel Station Concrete Batch Plant
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Feet

Sources: Plan Area, SAIC 2010; DWR DCE Engineering CCO (rev 5a); NAIP 2012

Figure : Sheet 16 of 16
CCO Rev 5a
Clifton Court Pumping Plant Option