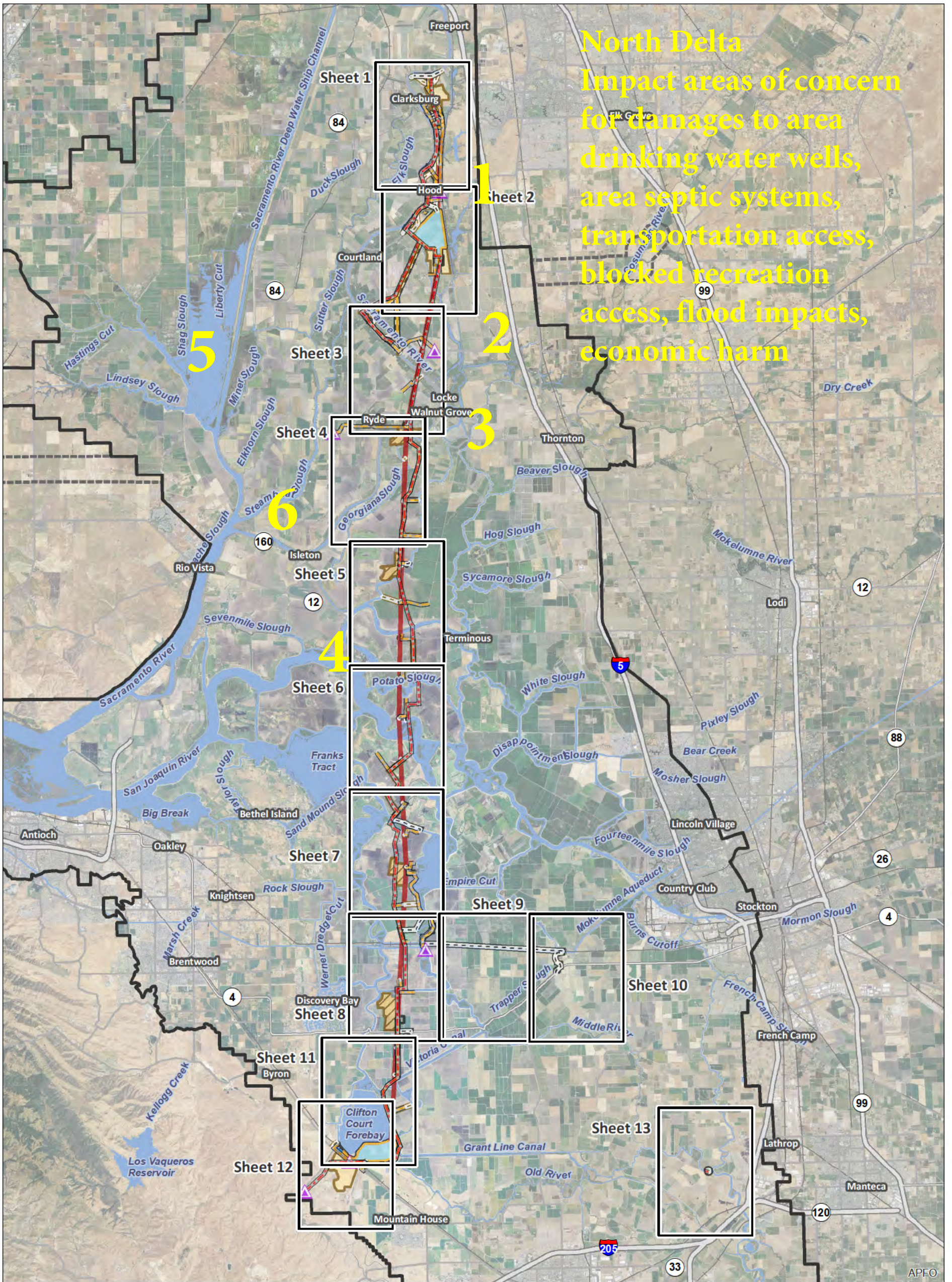


North Delta
Impact areas of concern for damages to area drinking water wells, area septic systems, transportation access, blocked recreation access, flood impacts, economic harm



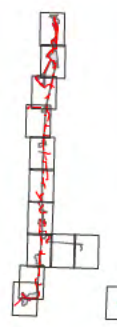
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Legend

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|---|--------------------------------|-----------------------------------|------------------------------------|
| Interstate | Permanent OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| State Highway/Route | Temporary OH Transmission Line | Forebay Embankment | Reusable Tunnel Material Area |
| Railroad | Canal | Intake | Barge Unloading Facility |
| Plan Area | Conveyance / Intake Pipeline | *Proposed Subsurface Easement | Concrete Batch Plant |
| Areas of Additional Analysis (Outside of Legal Delta; for Power Only) | Operable Barrier | Proposed Permanent Surface Impact | Fuel Station |
| Water | Permanent Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Interconnection Point | Temporary Access Road | Tunnel | |

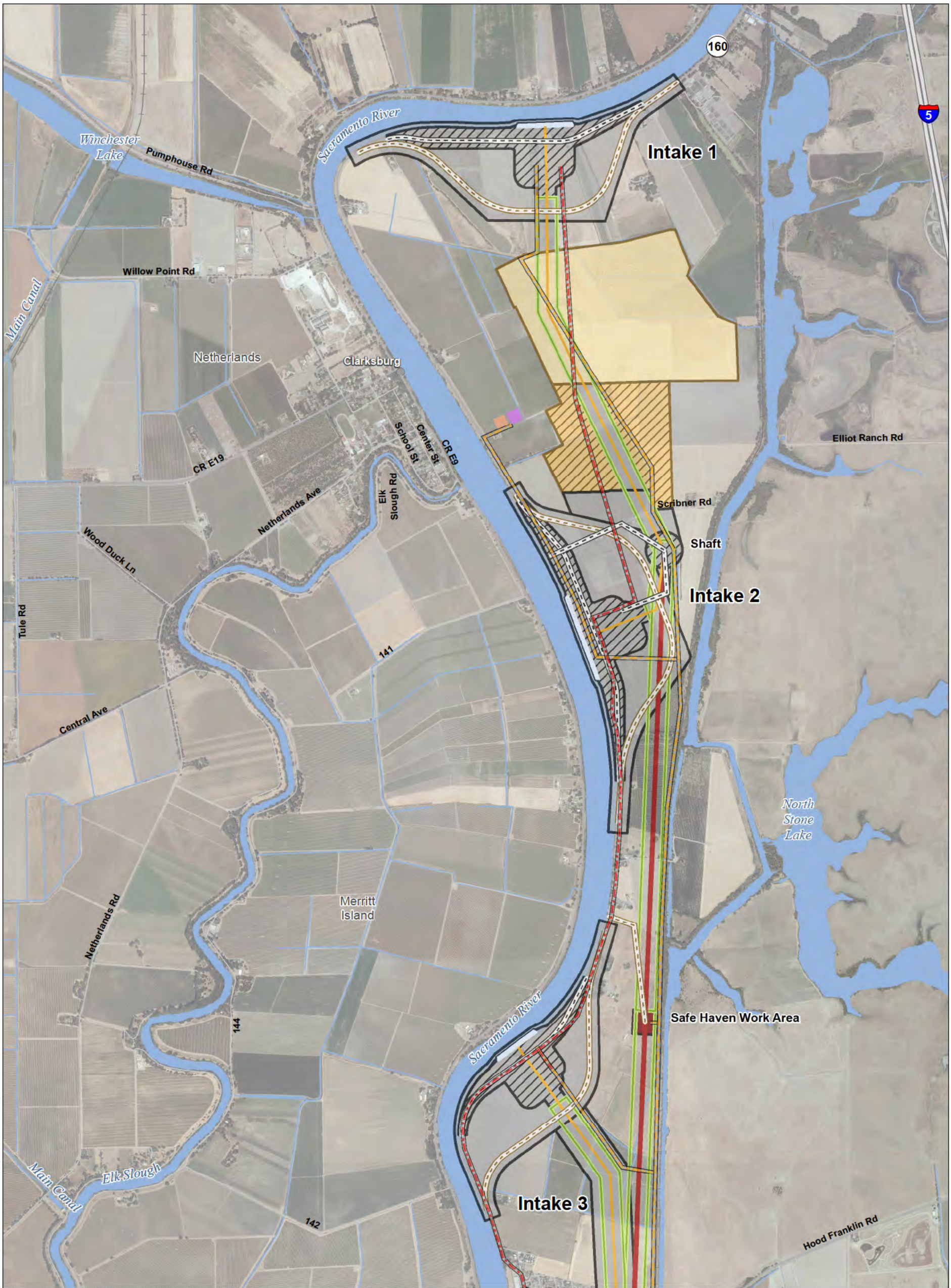
*Surface impacts are not expected to result from subsurface features.

**In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 3b); NA P 2012

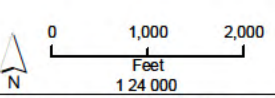
Figure M3-1: Index Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)



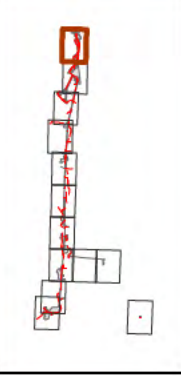
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Legend

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|--|---|-----------------------------------|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Permanent Access Road | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| Temporary Access Road | Tunnel | Proposed Temporary Surface Impact | Safe Haven Work Area |

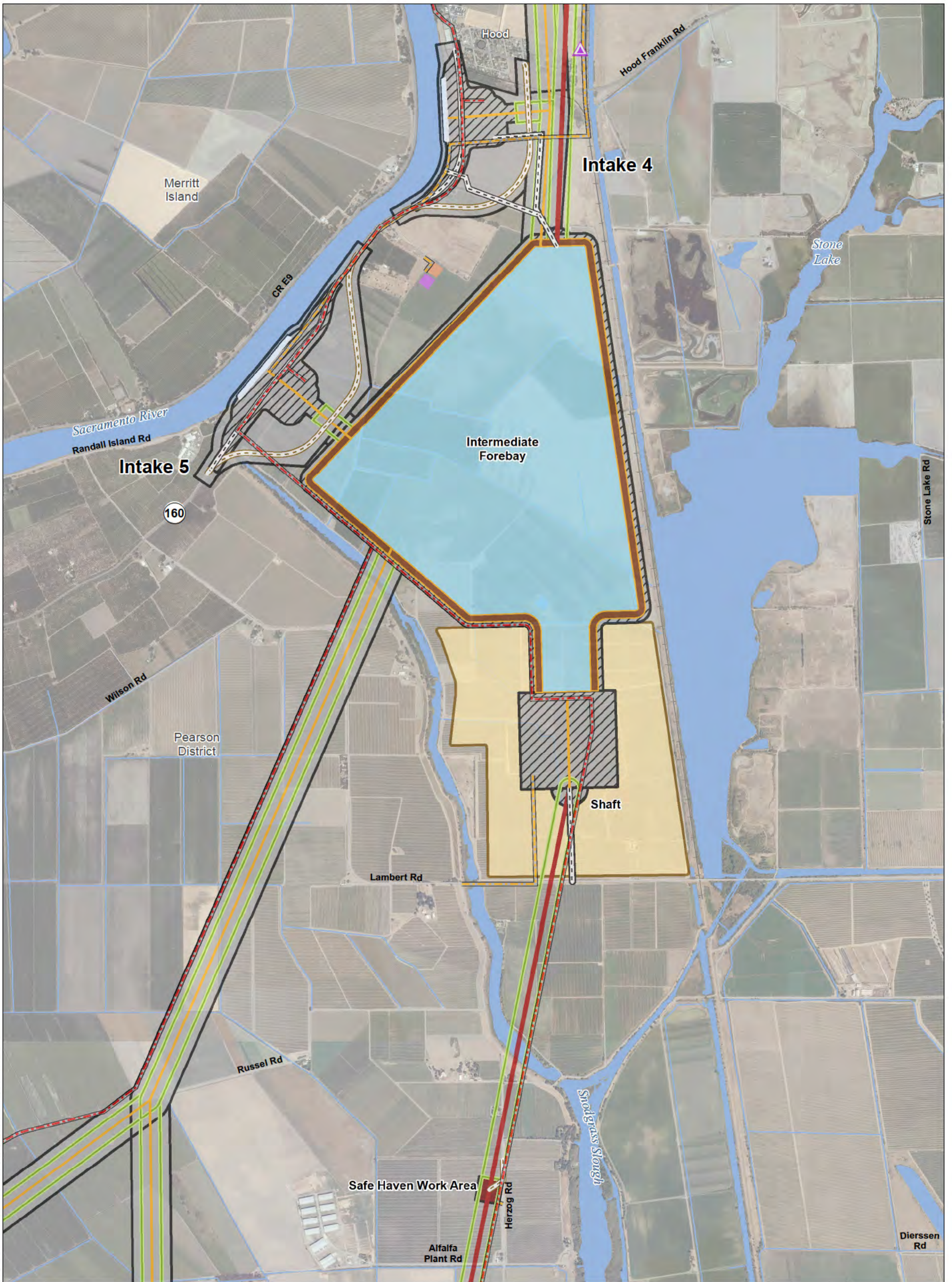


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

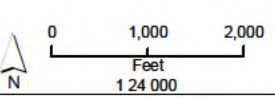
**Figure M3-1: Sheet 1 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



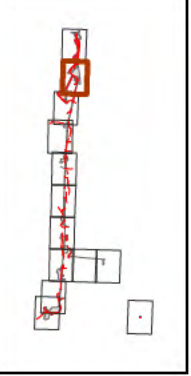
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Legend

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|--|---|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment |
| Interconnection Point | Conveyance / Intake Pipeline | Intake |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement |
| | Permanent Access Road | Proposed Permanent Surface Impact |
| | Temporary Access Road | Proposed Temporary Surface Impact |
| | Tunnel | Potential Borrow and/or Spoil Area |
| | | Reusable Tunnel Material Area |
| | | Barge Unloading Facility |
| | | Concrete Batch Plant |
| | | Fuel Station |
| | | Safe Haven Work Area |

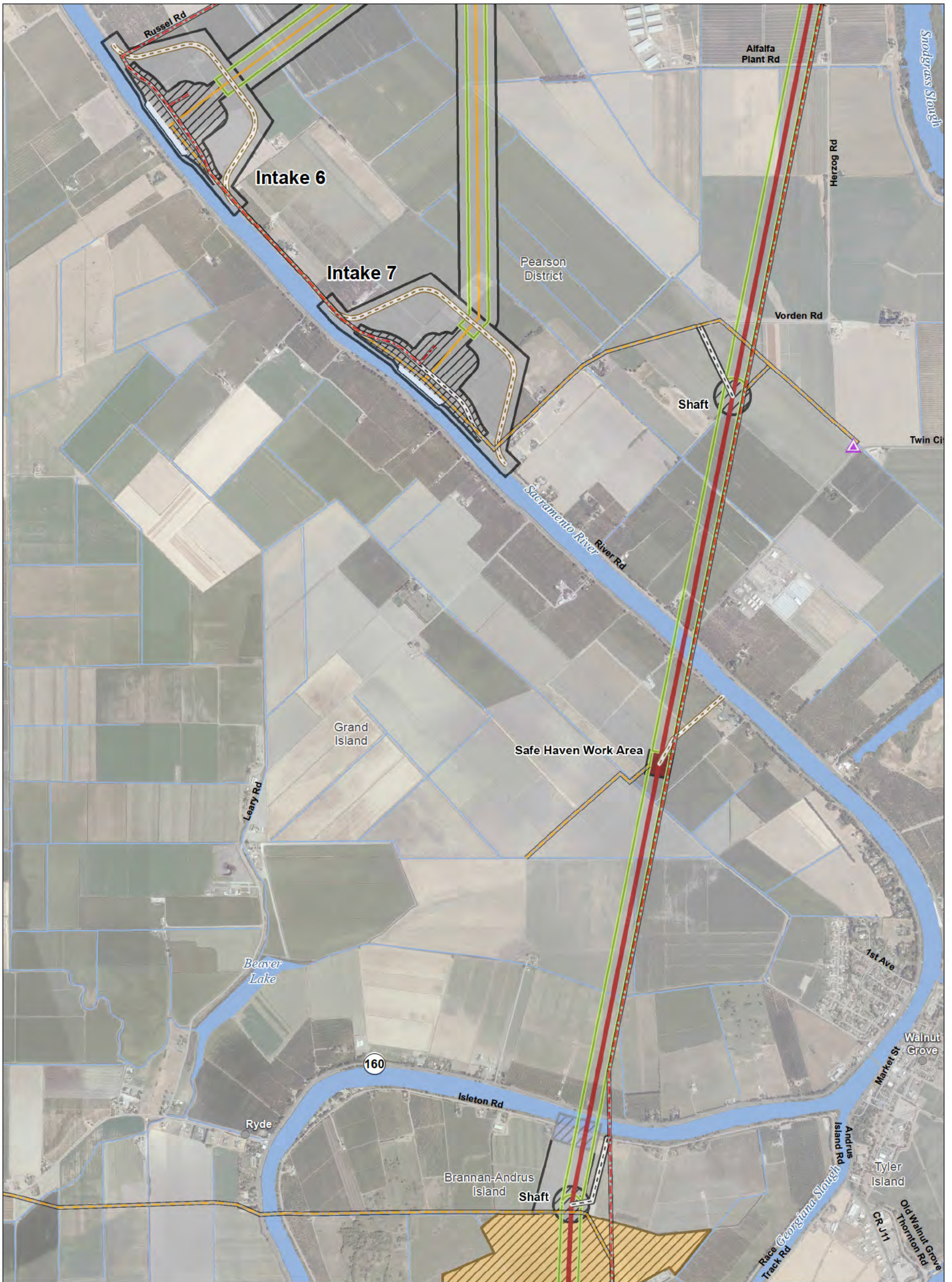


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



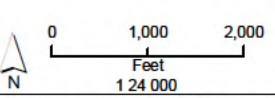
Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

Figure M3-1: Sheet 2 of 13
Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)

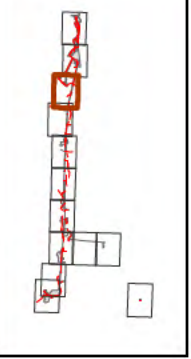


Legend

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| Plan Area | Proposed Temporary OH Transmission Line | Forebay |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment |
| Interconnection Point | Conveyance / Intake Pipeline | Intake |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement |
| Tunnel | Permanent Access Road | Proposed Permanent Surface Impact |
| | Temporary Access Road | Proposed Temporary Surface Impact |
| | | Potential Borrow and/or Spoil Area |
| | | Reusable Tunnel Material Area |
| | | Barge Unloading Facility |
| | | Concrete Batch Plant |
| | | Fuel Station |
| | | Safe Haven Work Area |



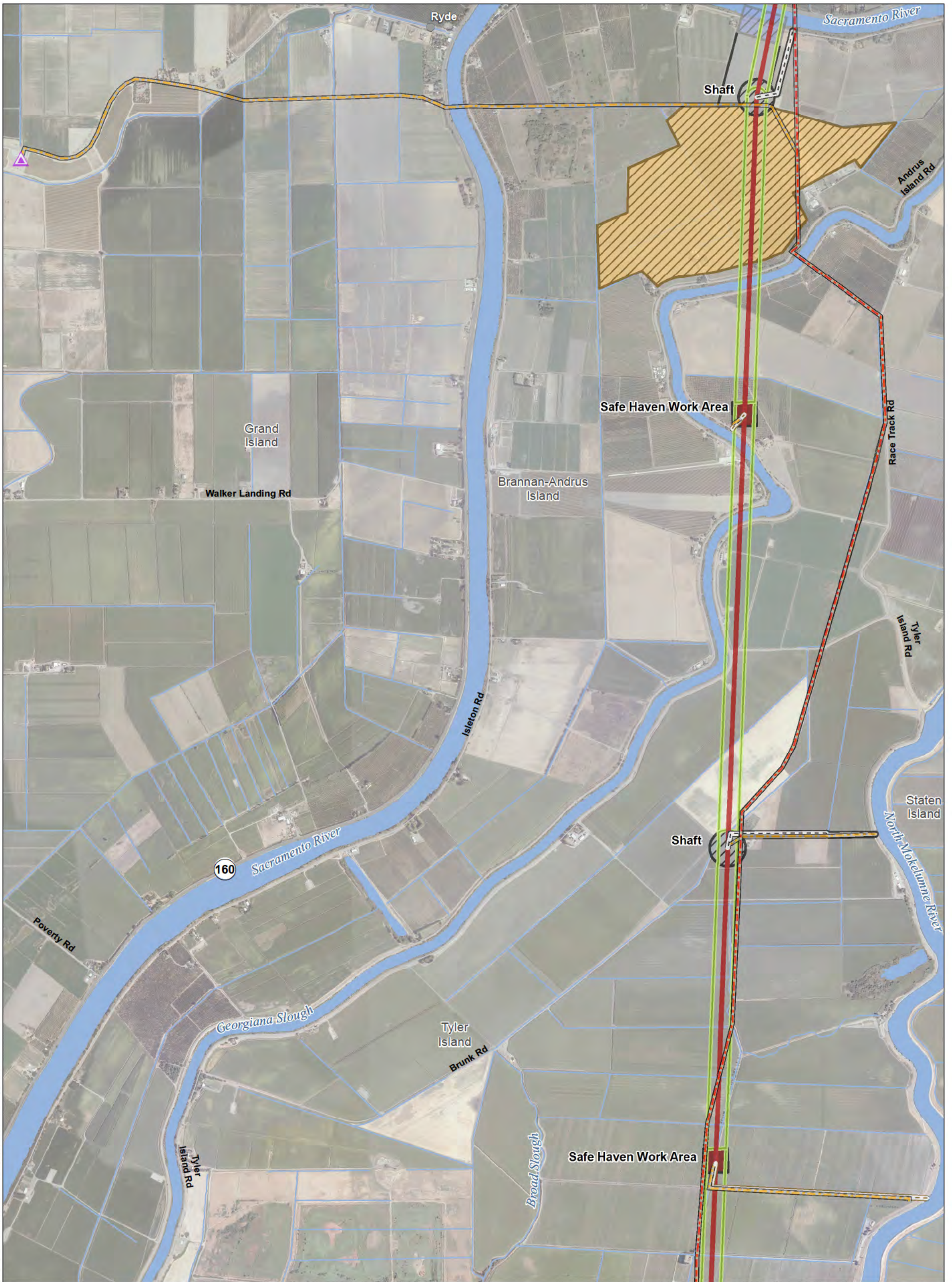
*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

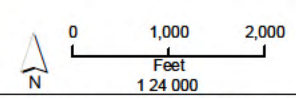
**Figure M3-1: Sheet 3 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



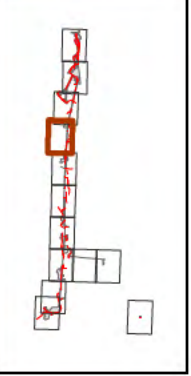
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Legend

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|---|---|-----------------------------------|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis (Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Proposed Permanent OH Transmission Line | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

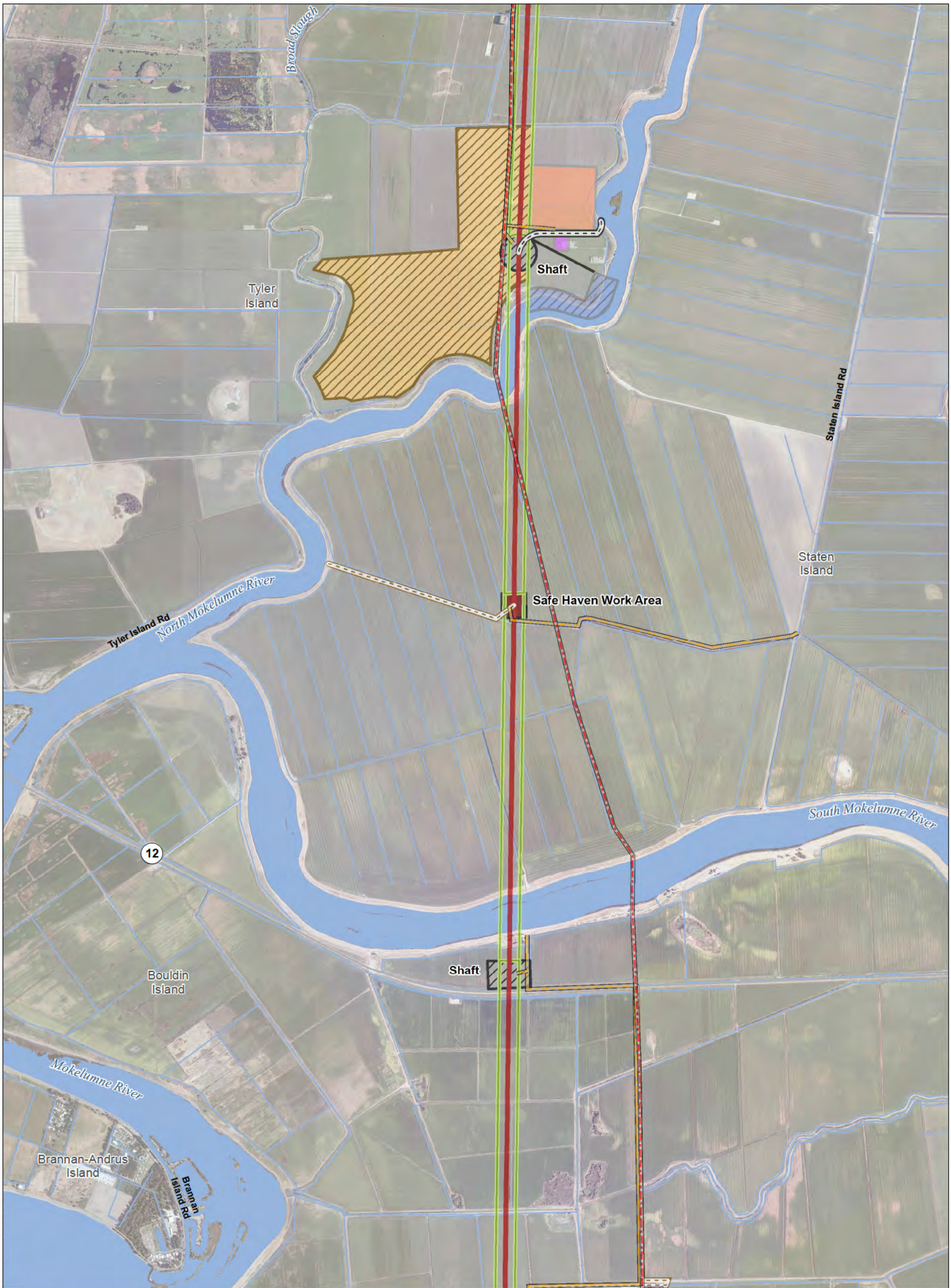


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

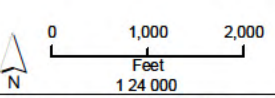
Figure M3-1: Sheet 4 of 13
Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)



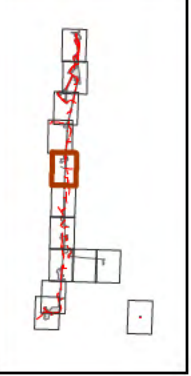
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Legend

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| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Tunnel | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |



*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

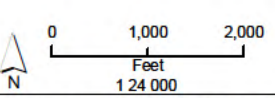
**Figure M3-1: Sheet 5 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



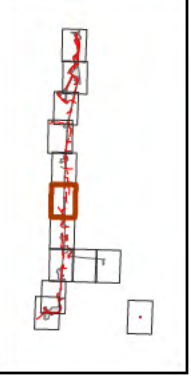
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Legend

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| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Permanent Access Road | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| Temporary Access Road | Tunnel | Proposed Temporary Surface Impact | Safe Haven Work Area |

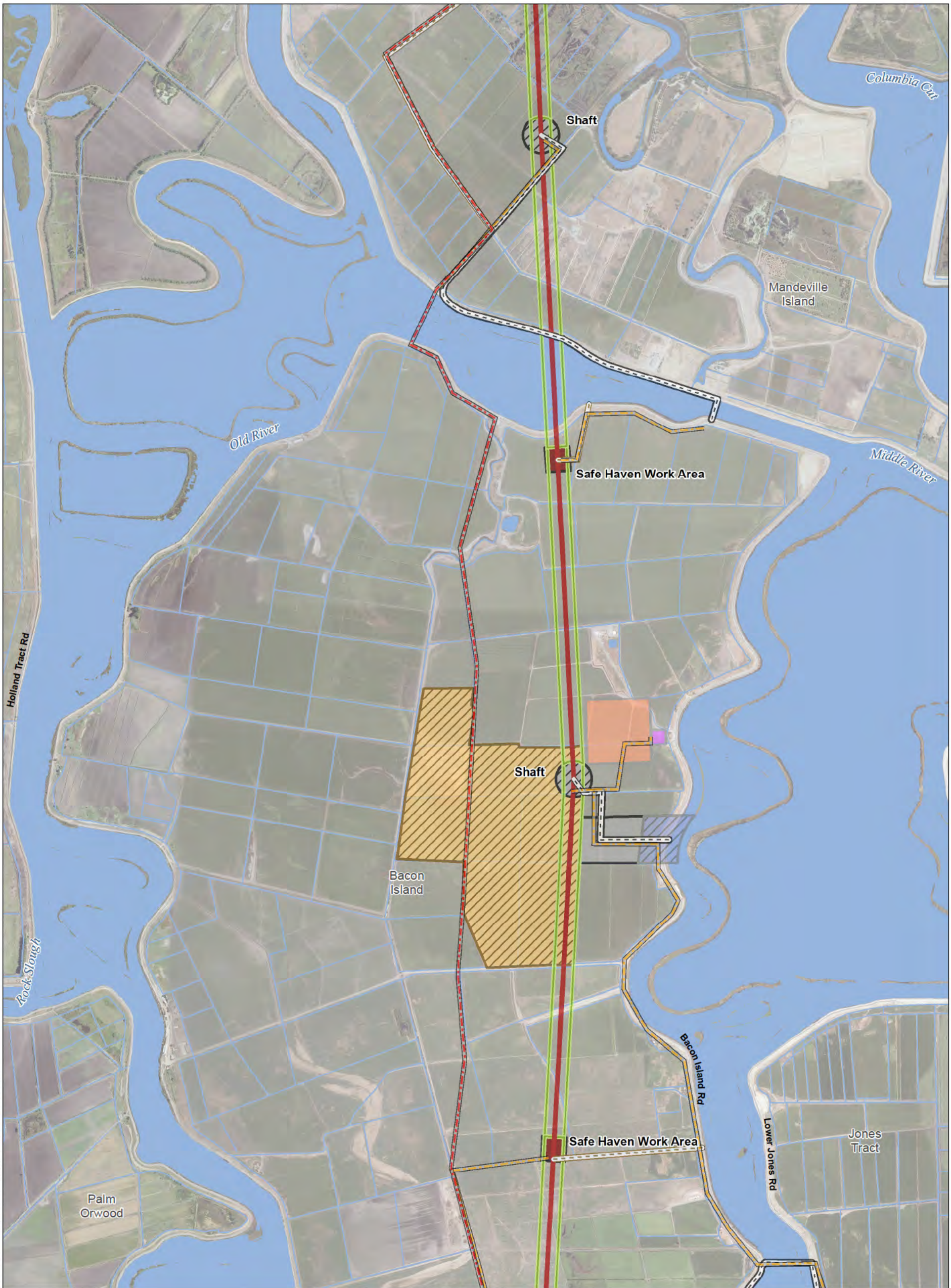


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

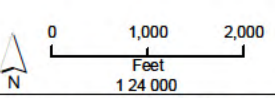
**Figure M3-1: Sheet 6 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



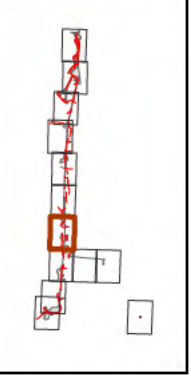
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Legend

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|--|---|-----------------------------------|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Proposed Permanent OH Transmission Line | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| Proposed Permanent OH Transmission Line | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Tunnel | | | |

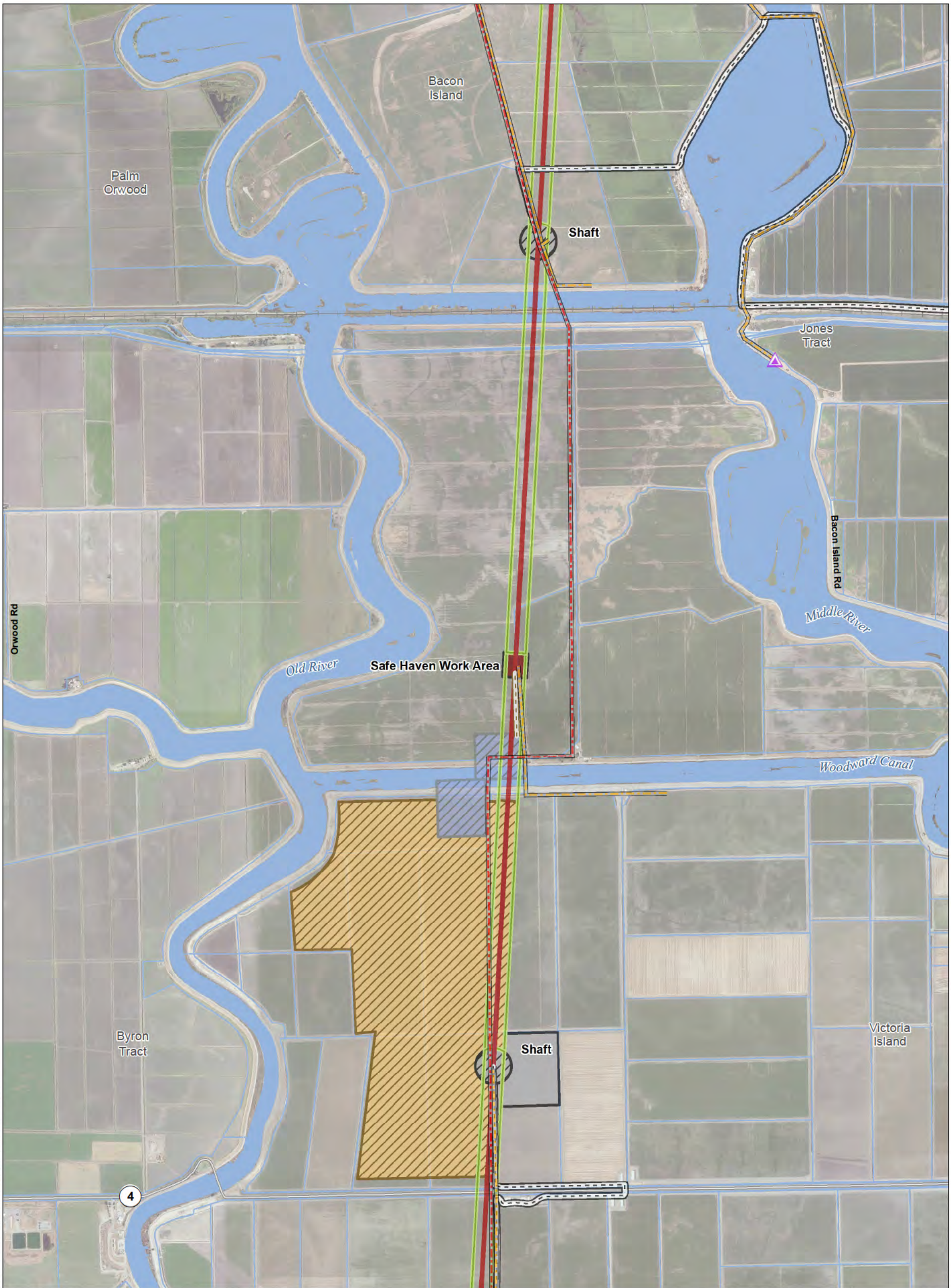


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

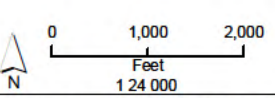
**Figure M3-1: Sheet 7 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



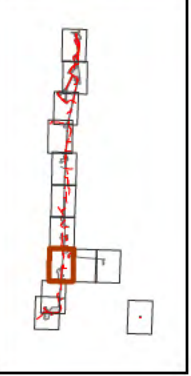
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Legend

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| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis (Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Permanent Access Road | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| Temporary Access Road | Tunnel | Proposed Temporary Surface Impact | Safe Haven Work Area |



*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

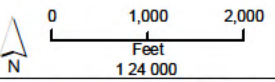
Figure M3-1: Sheet 8 of 13 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)



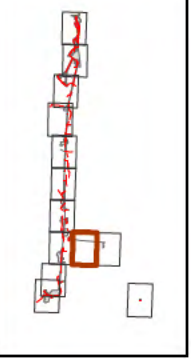
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Legend

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| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Permanent Access Road | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| Temporary Access Road | Tunnel | Proposed Temporary Surface Impact | Safe Haven Work Area |

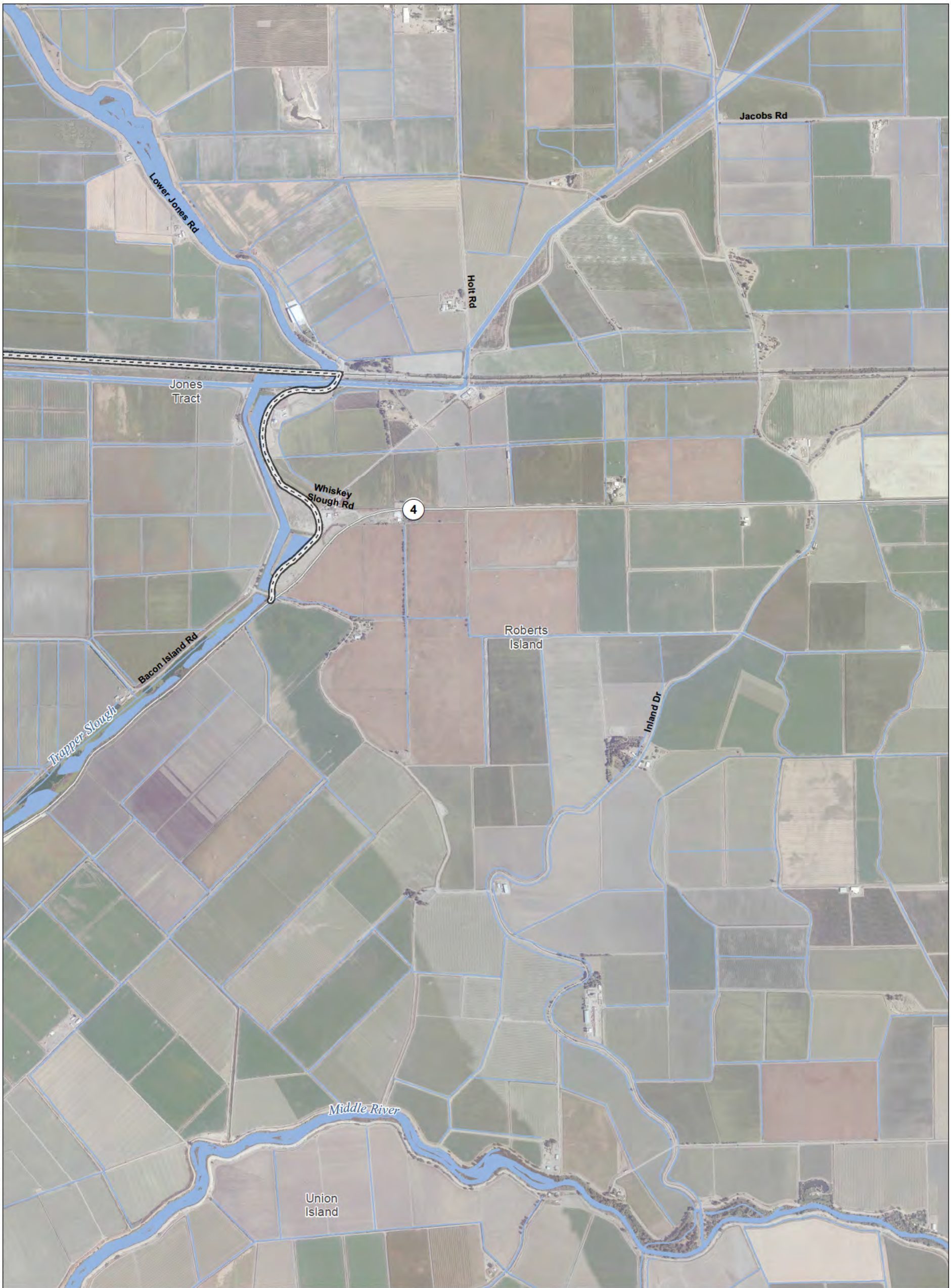


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

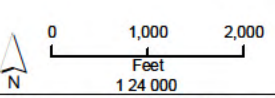
**Figure M3-1: Sheet 9 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



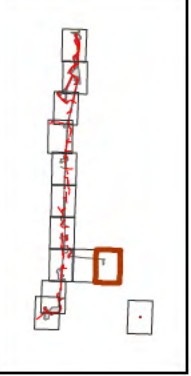
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Legend

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|--|---|-----------------------------------|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Permanent Access Road | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| Temporary Access Road | Tunnel | Proposed Temporary Surface Impact | Safe Haven Work Area |

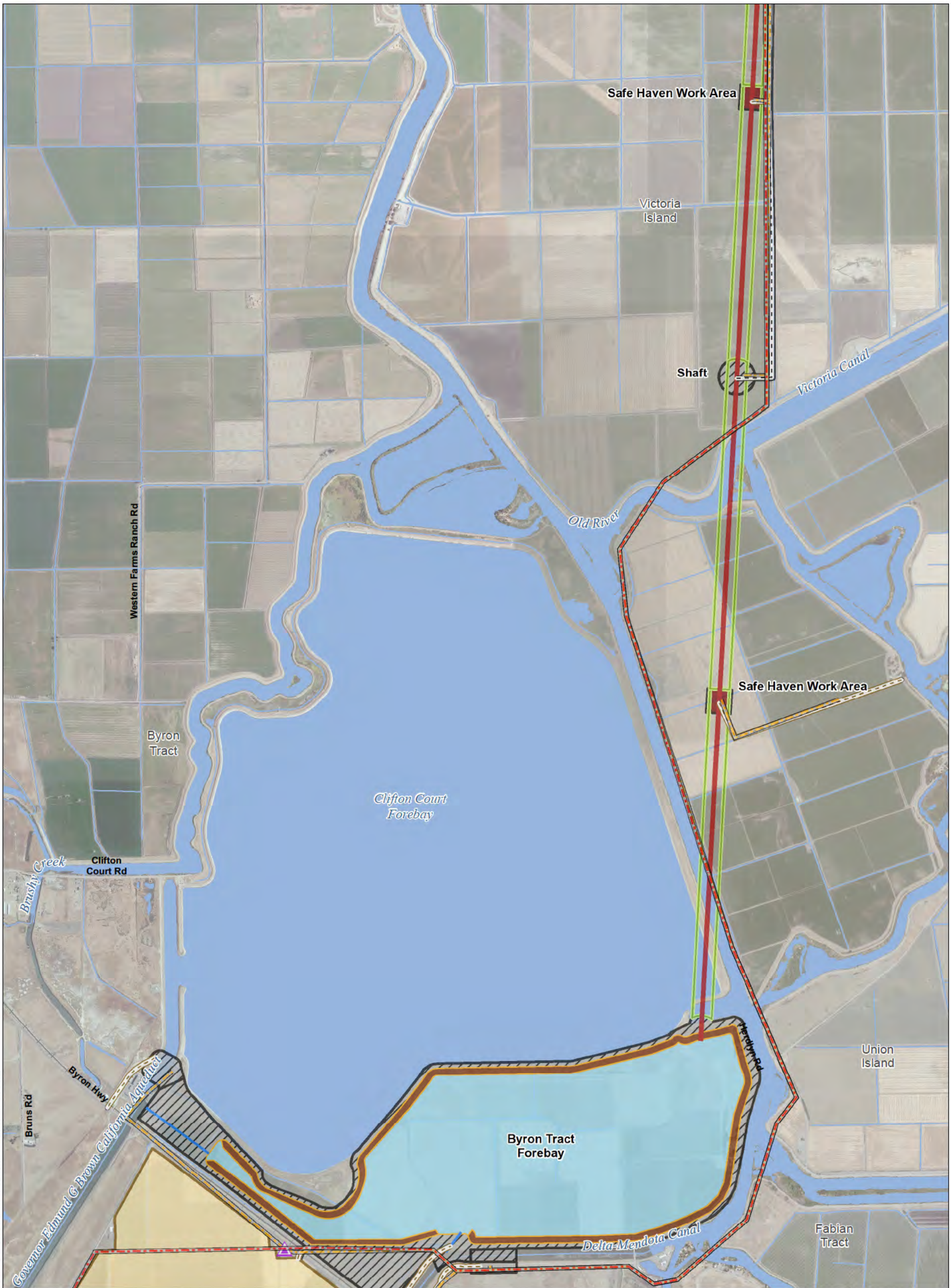


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

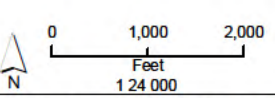
**Figure M3-1: Sheet 10 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



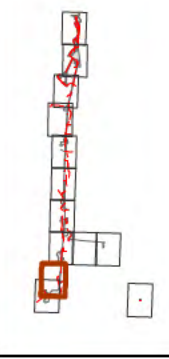
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Legend

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| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Tunnel | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |

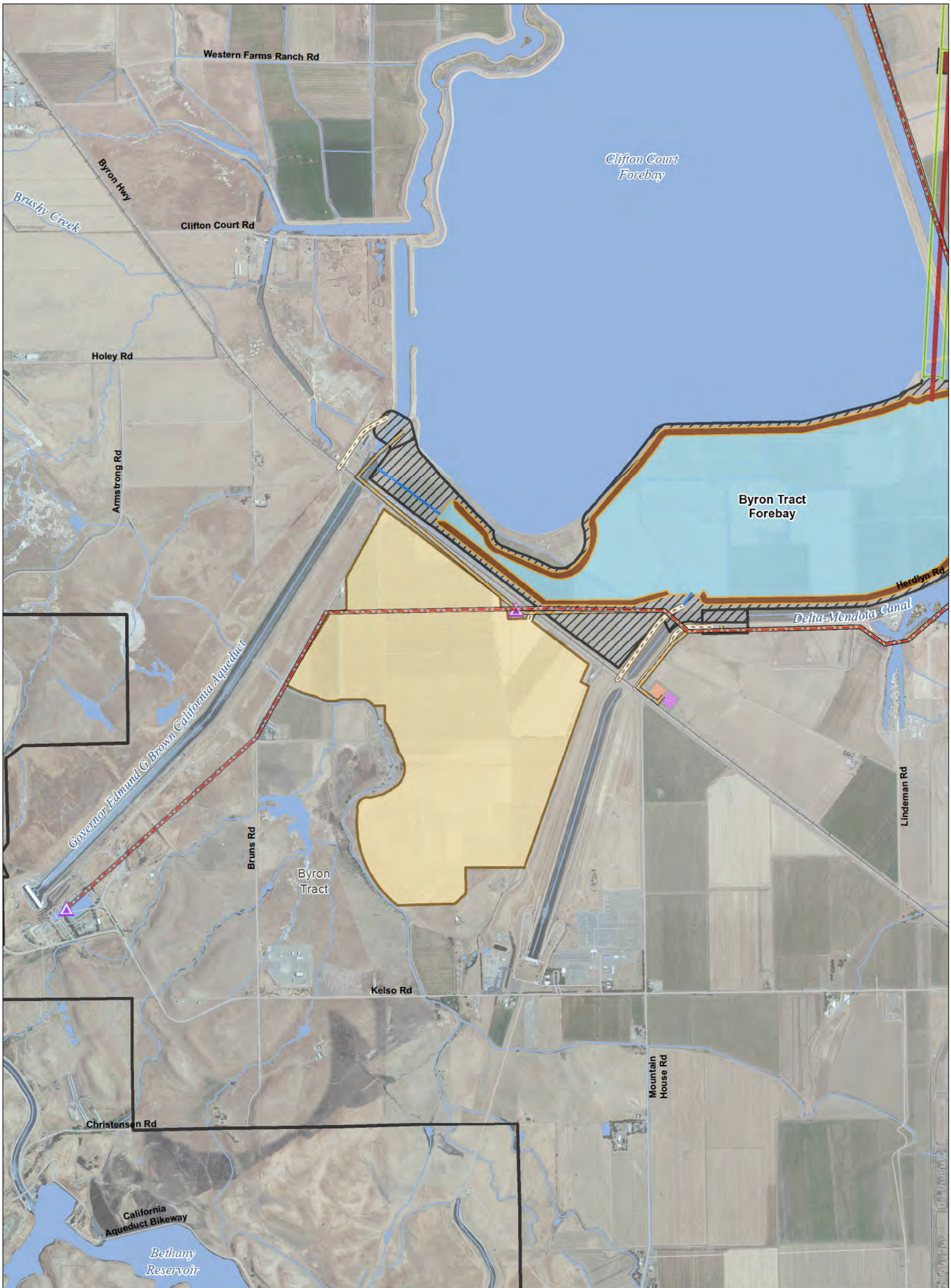


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

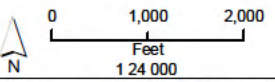
**Figure M3-1: Sheet 11 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



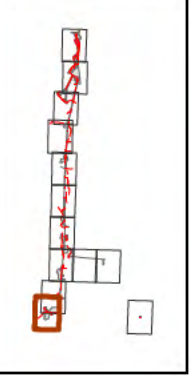
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| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Permanent Access Road | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| Temporary Access Road | Tunnel | Proposed Temporary Surface Impact | Safe Haven Work Area |

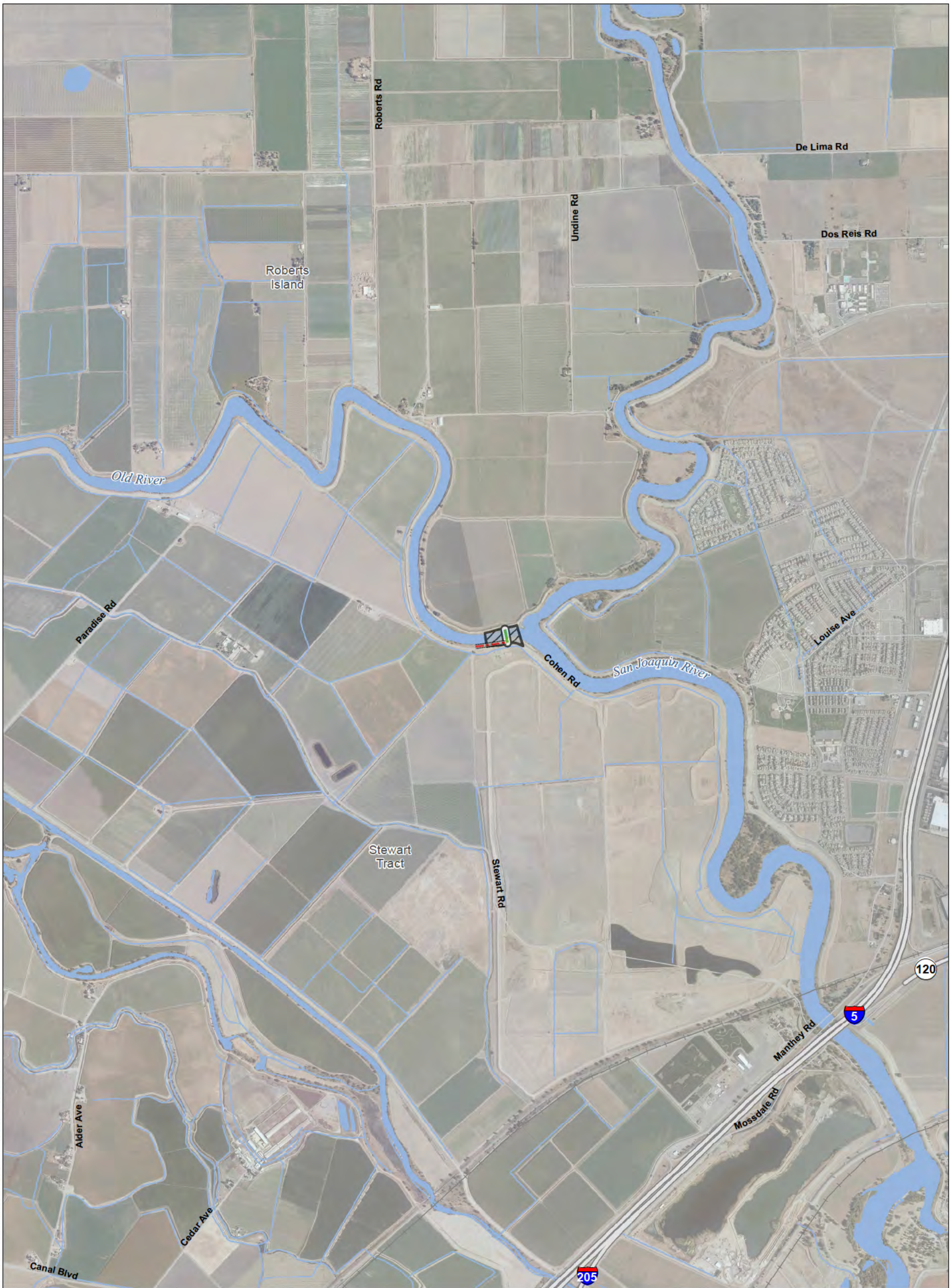


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

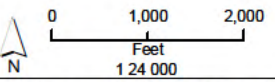
Figure M3-1: Sheet 12 of 13
Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)



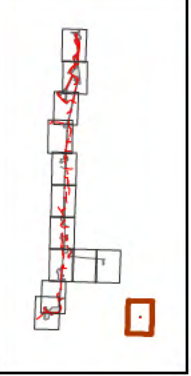
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Legend

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|--|---|-----------------------------------|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Operable Barrier | *Proposed Subsurface Easement | Concrete Batch Plant |
| Permanent Access Road | Permanent Access Road | Proposed Permanent Surface Impact | Fuel Station |
| Temporary Access Road | Tunnel | Proposed Temporary Surface Impact | Safe Haven Work Area |

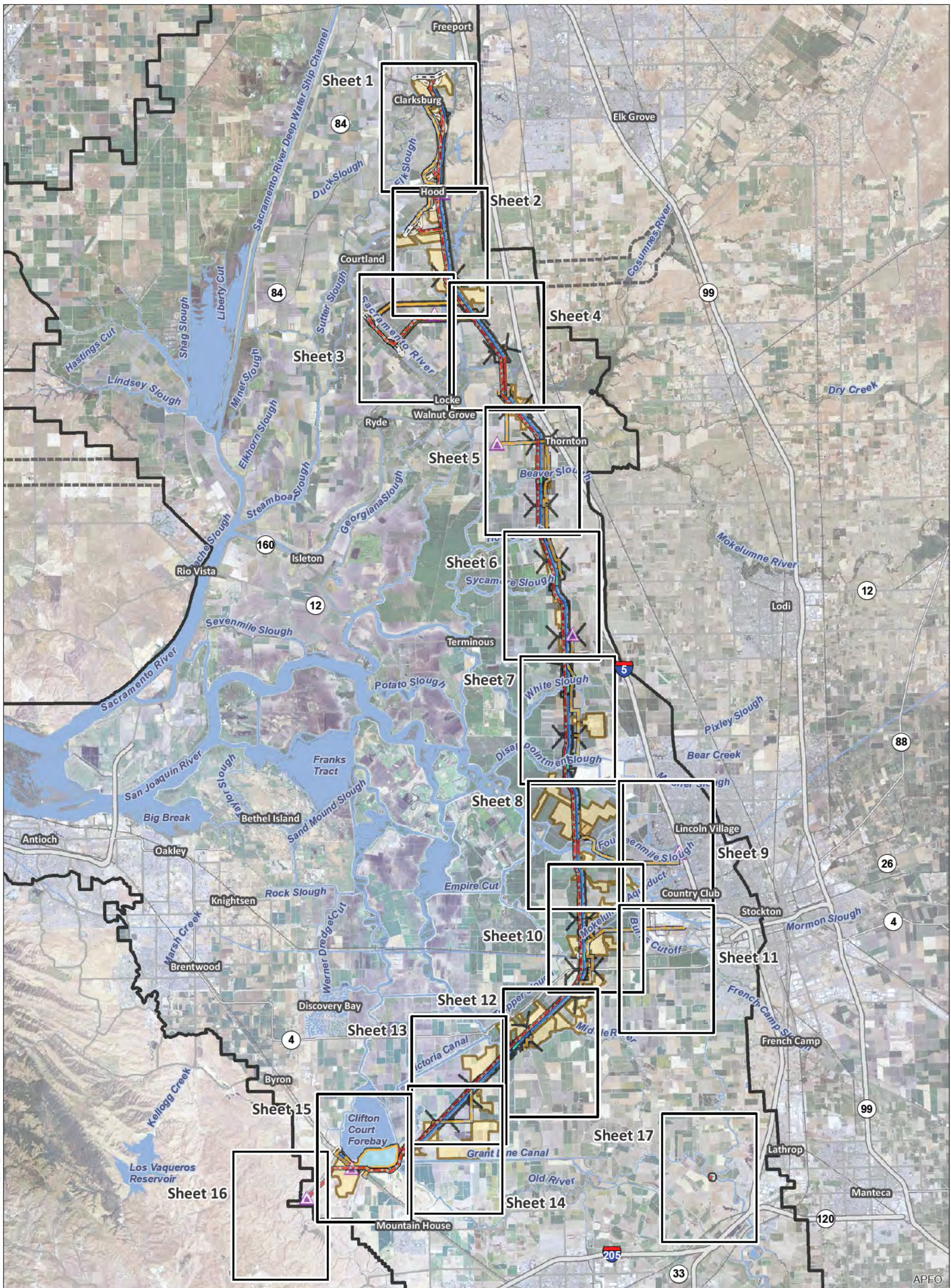


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

**Figure M3-1: Sheet 13 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



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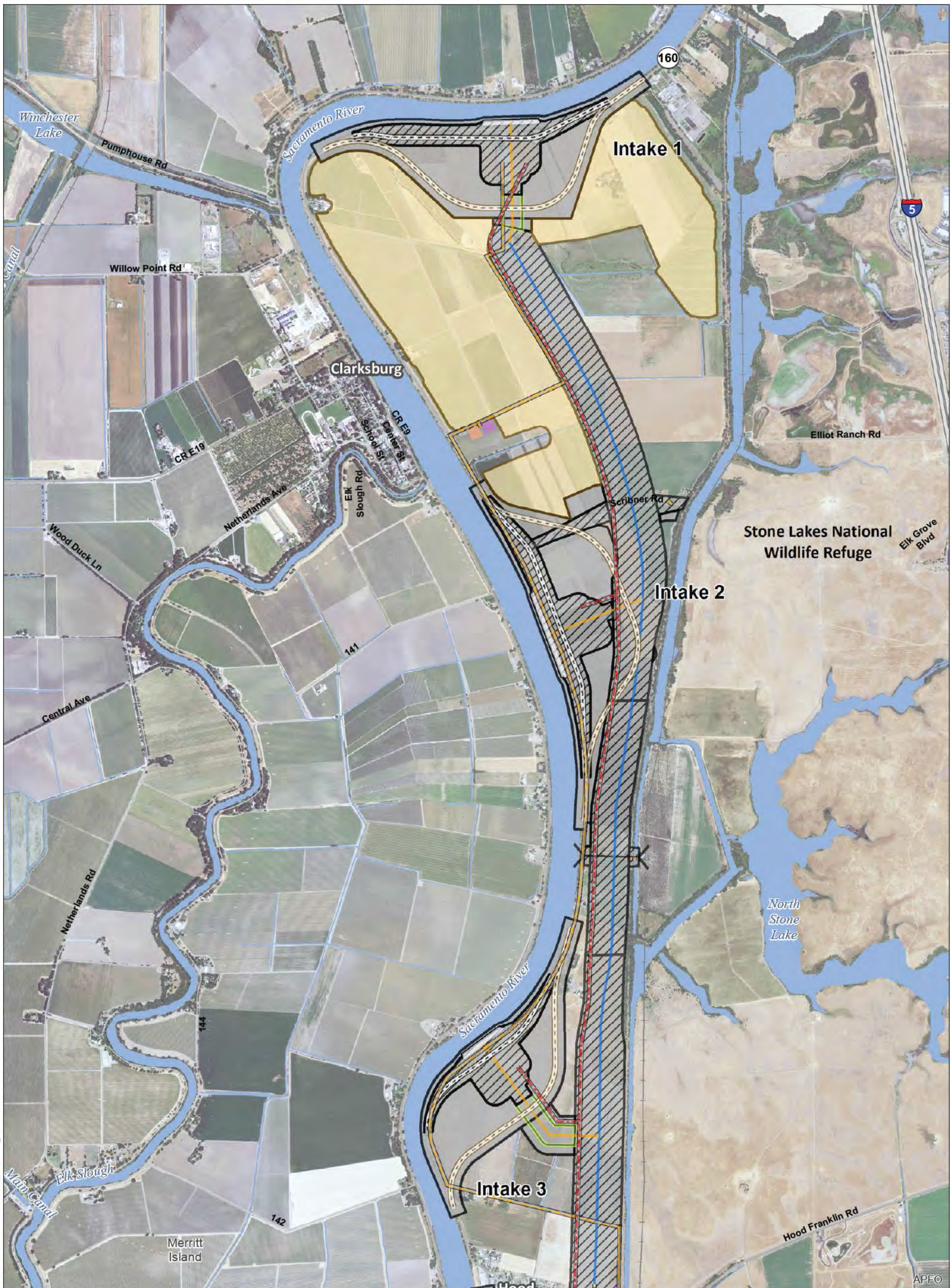
Legend Interstate State Highway/Route Railroad Plan Area Areas of Additional Analysis (Outside of Legal Delta; for Power Only) Water		Interconnection Point Permanent OH Transmission Line Temporary OH Transmission Line Bridge Canal Control Structure		Conveyance / Intake Pipeline Operable Barrier Permanent Access Road Temporary Access Road Siphon Temporary Access Road Tunnel		Forebay Forebay Embankment Intake *Proposed Subsurface Easement **Proposed Permanent Surface Impact Proposed Temporary Surface Impact		Potential Borrow and/or Spoil Area Reusable Tunnel Material Area Barge Unloading Facility Concrete Batch Plant Fuel Station Safe Haven Work Area	
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*Surface impacts are not expected to result from subsurface features. **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

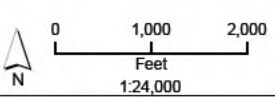
Figure M3-2: Index East Alignment (Alternatives 1B, 2B, and 6B)



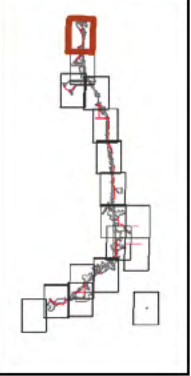
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

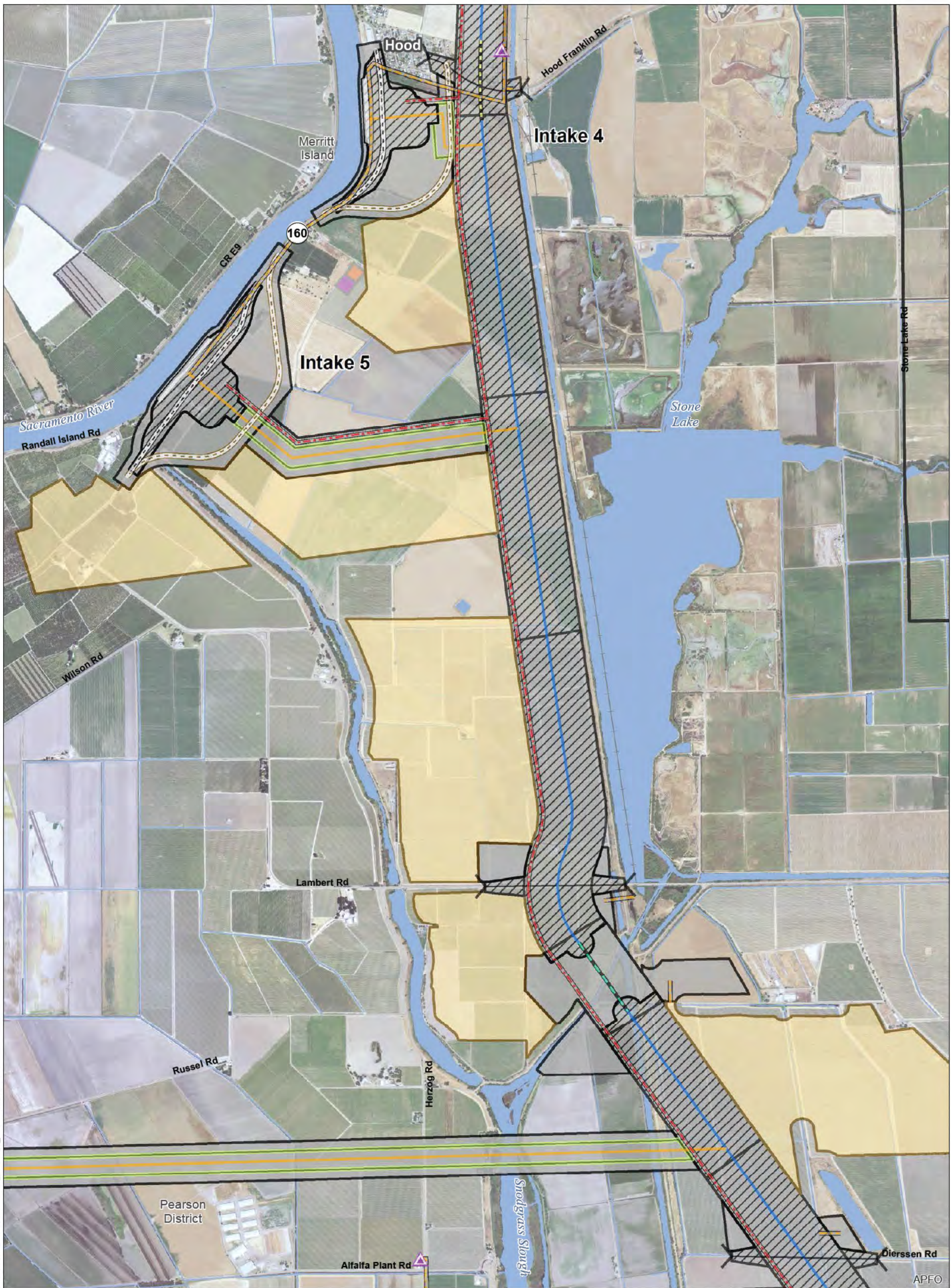


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

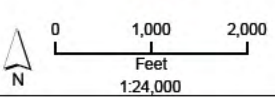
**Figure M3-2: Sheet 1 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



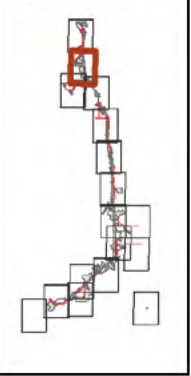
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Legend

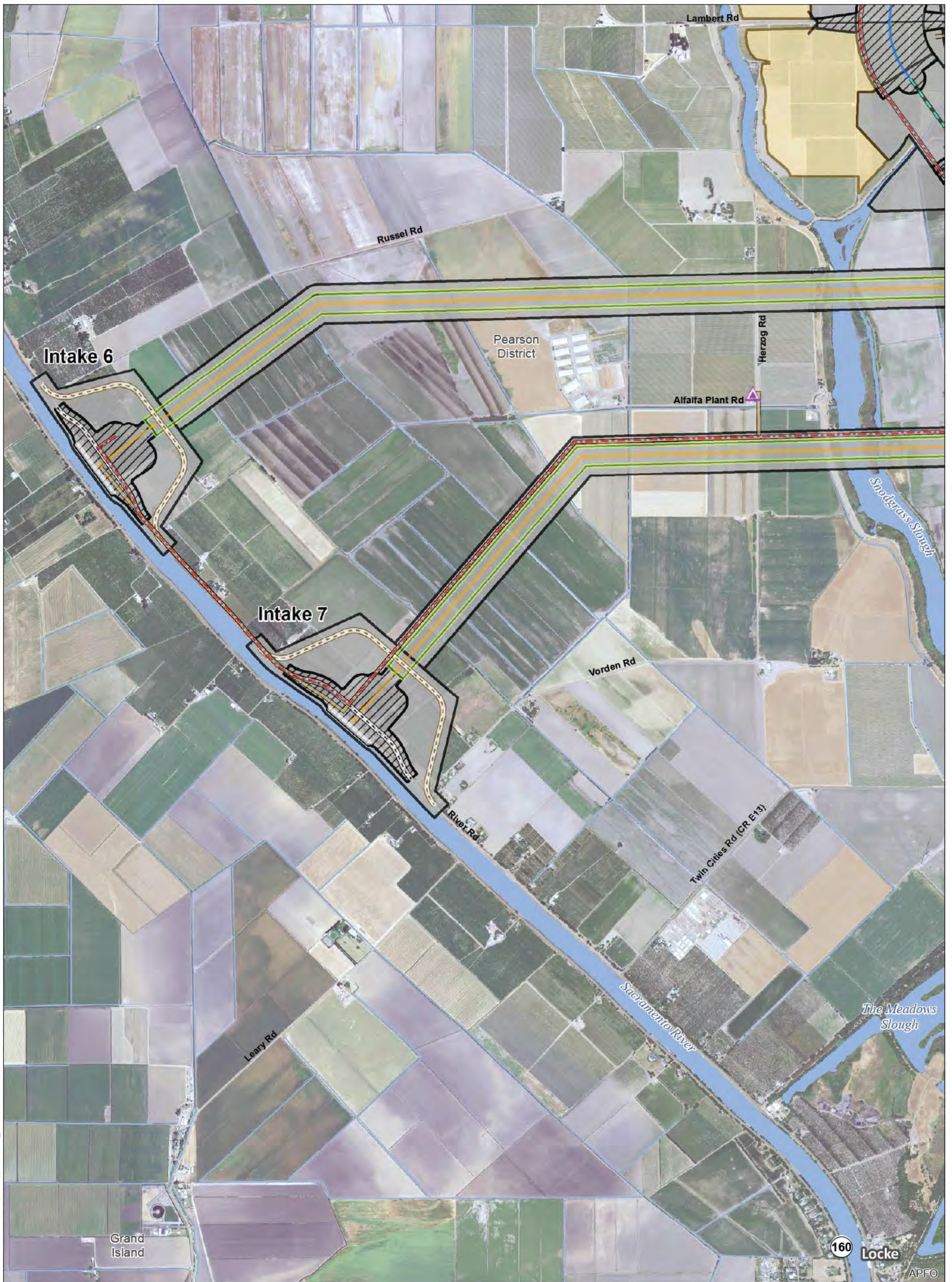
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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |



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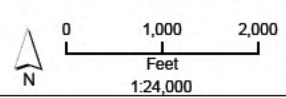
**Figure M3-2: Sheet 2 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

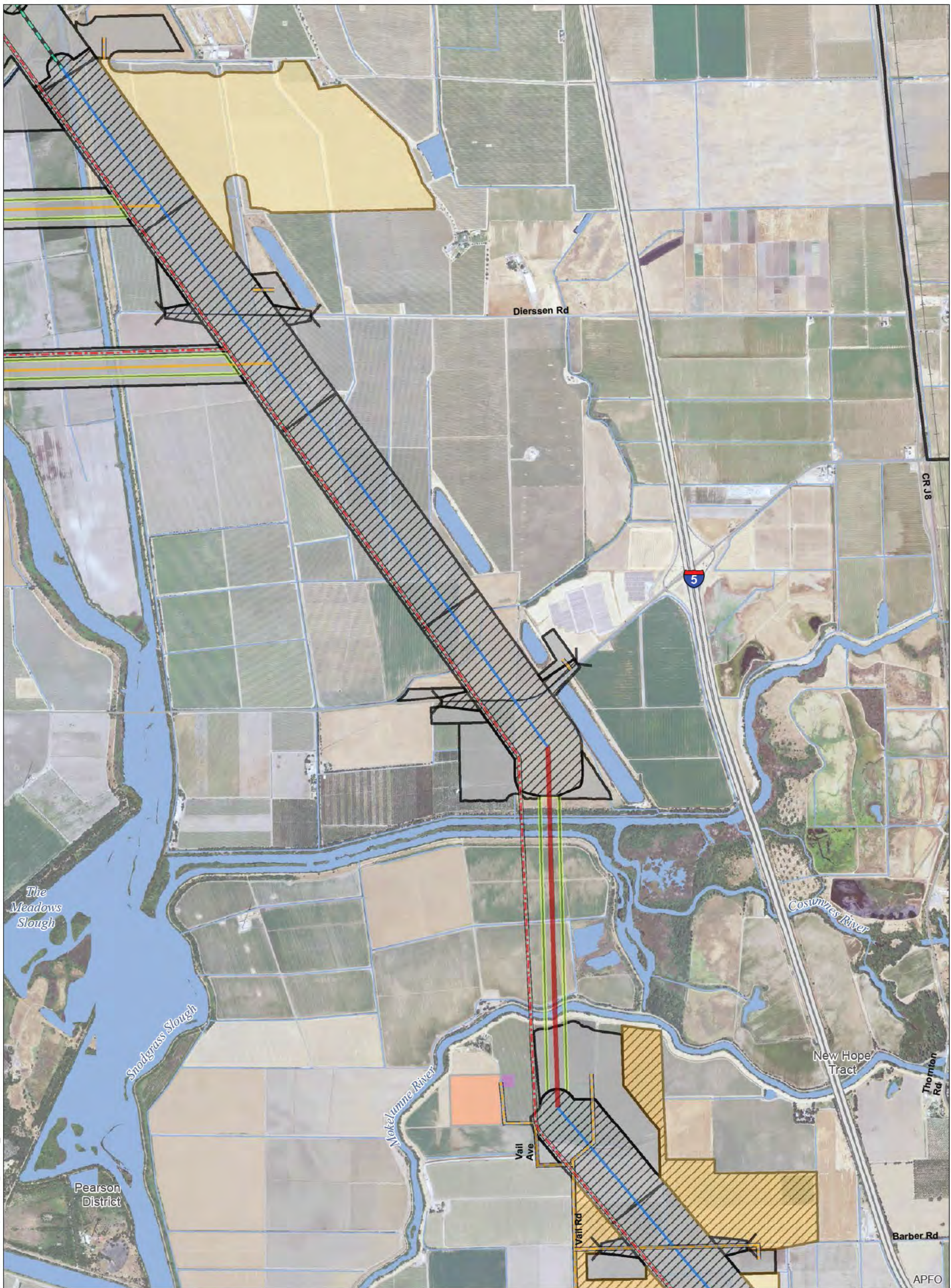


*Surface impacts are not expected to result from subsurface features.
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Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

**Figure M3-2: Sheet 3 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**

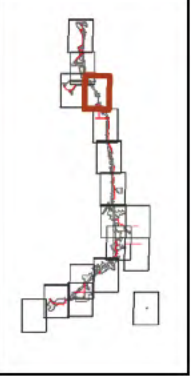
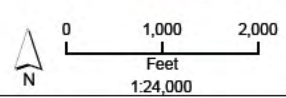


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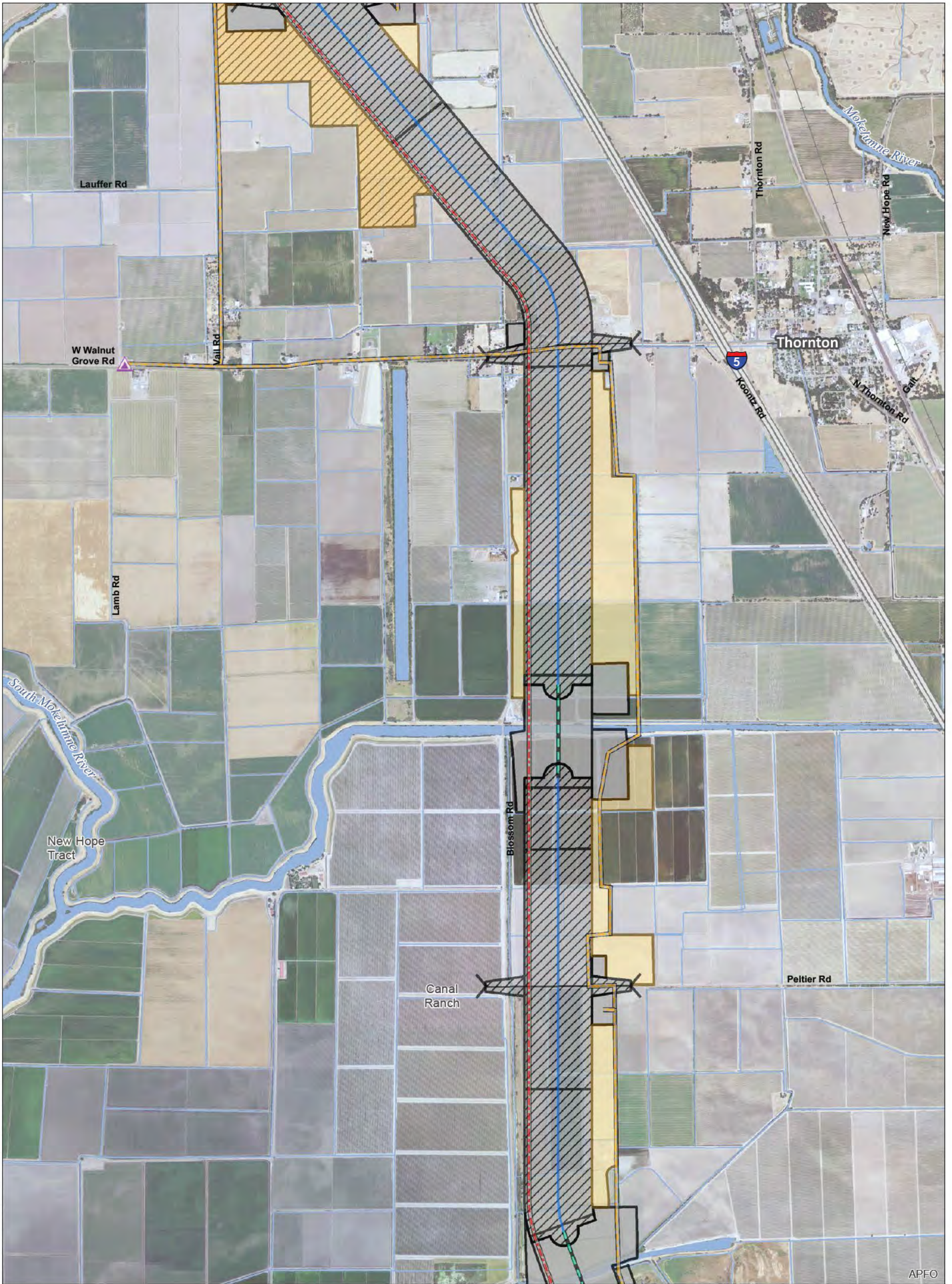
Legend		
Plan Area	Control Structure	Forebay
Areas of Additional Analysis (Outside of Legal Delta, for Power Only)	Conveyance / Intake Pipeline	Forebay Embankment
Interconnection Point	Operable Barrier	Intake
Permanent OH Transmission Line	Permanent Access Road	*Proposed Subsurface Easement
Temporary OH Transmission Line	Siphon	**Proposed Permanent Surface Impact
Bridge	Temporary Access Road	Proposed Temporary Surface Impact
Canal Centerline	Tunnel	Potential Borrow and/or Spoil Area
		Reusable Tunnel Material Area
		Barge Unloading Facility
		Concrete Batch Plant
		Fuel Station
		Safe Haven Work Area

*Surface impacts are not expected to result from subsurface features.
**In-river features are not a permanent impact to navigation.

Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012



**Figure M3-2: Sheet 4 of 17
East Alignment (Alternatives 1B, 2B, and 6B)**

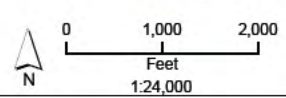


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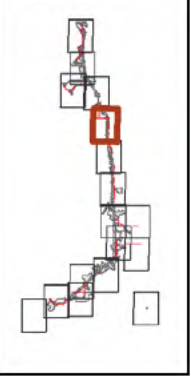
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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

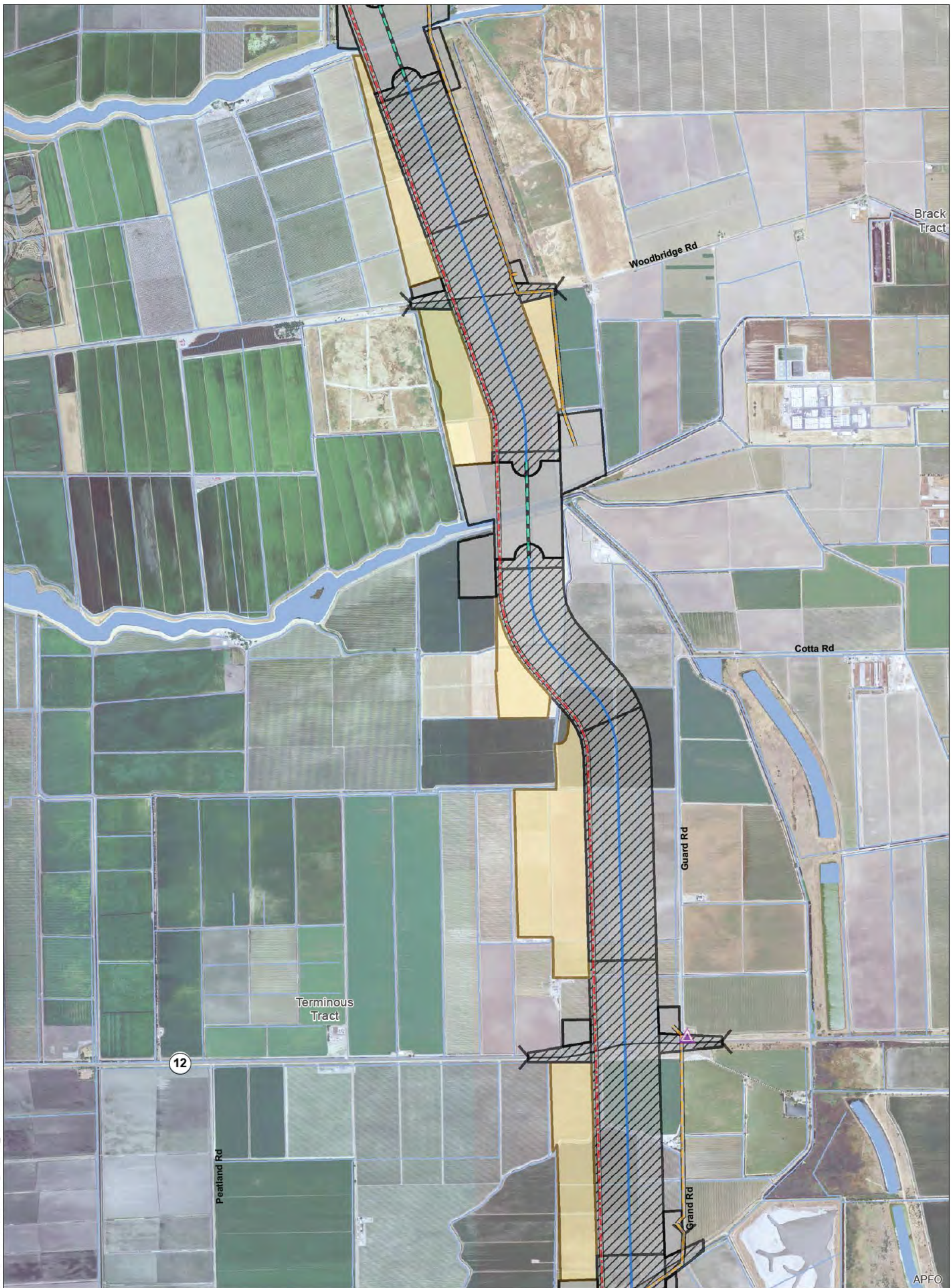


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

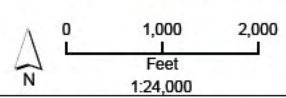
**Figure M3-2: Sheet 5 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



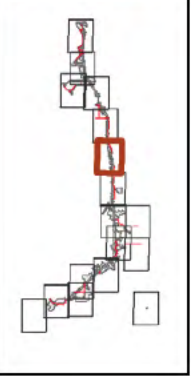
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

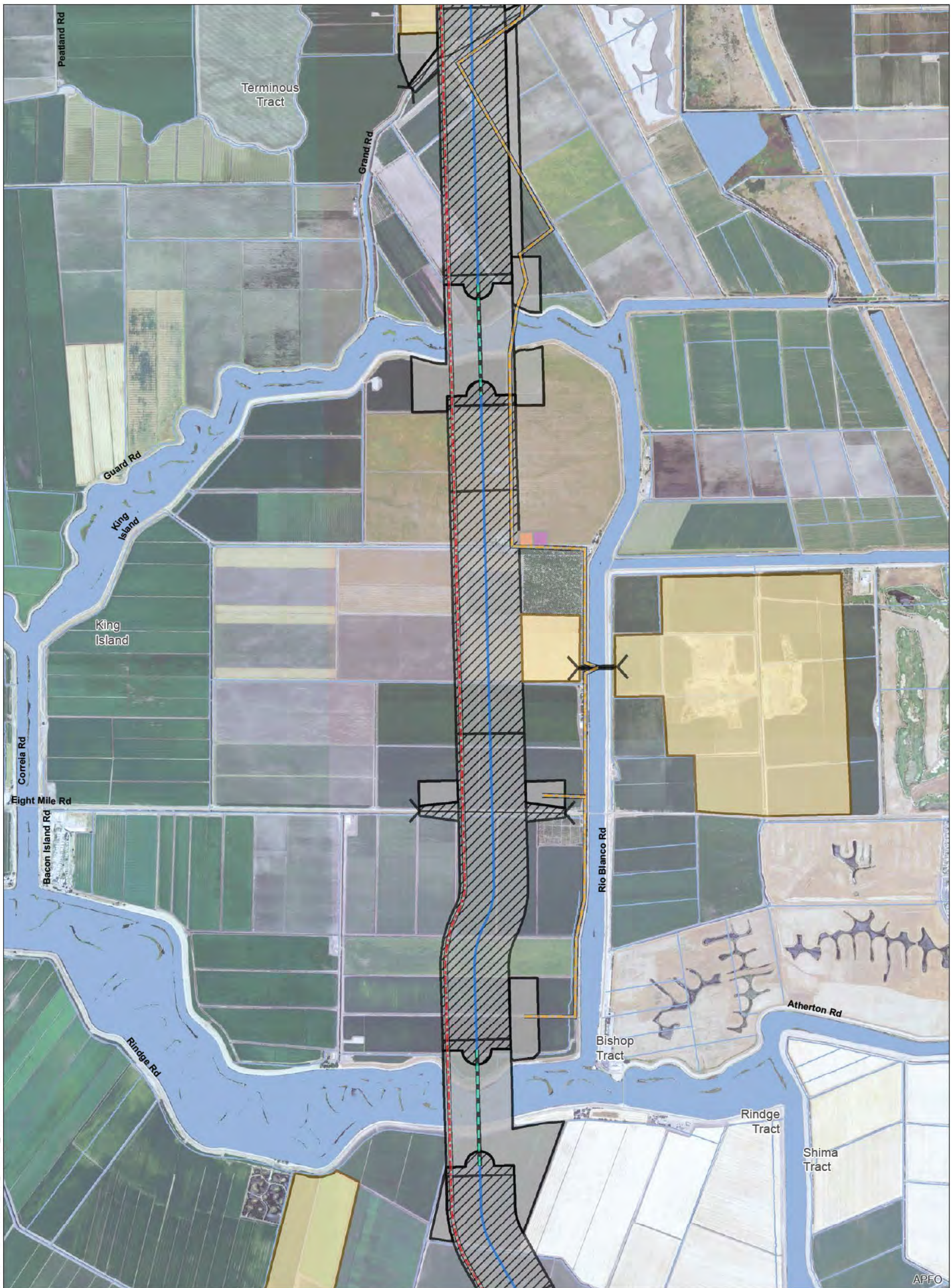


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

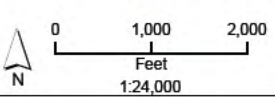
**Figure M3-2: Sheet 6 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



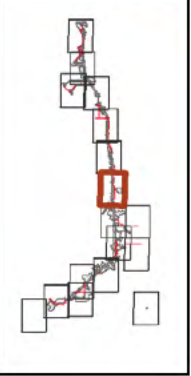
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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

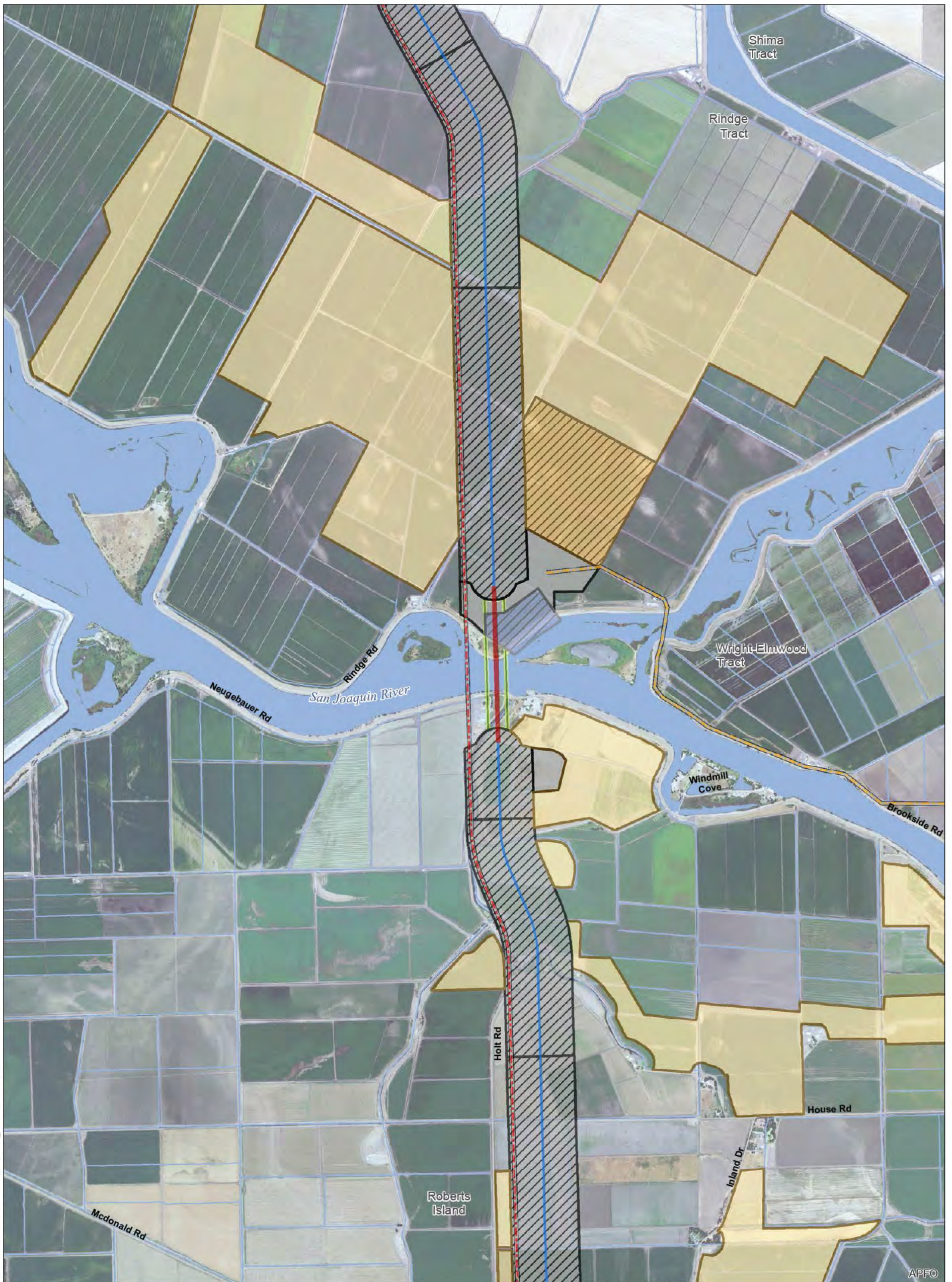


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

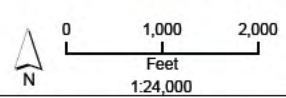
**Figure M3-2: Sheet 7 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



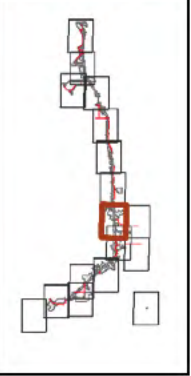
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

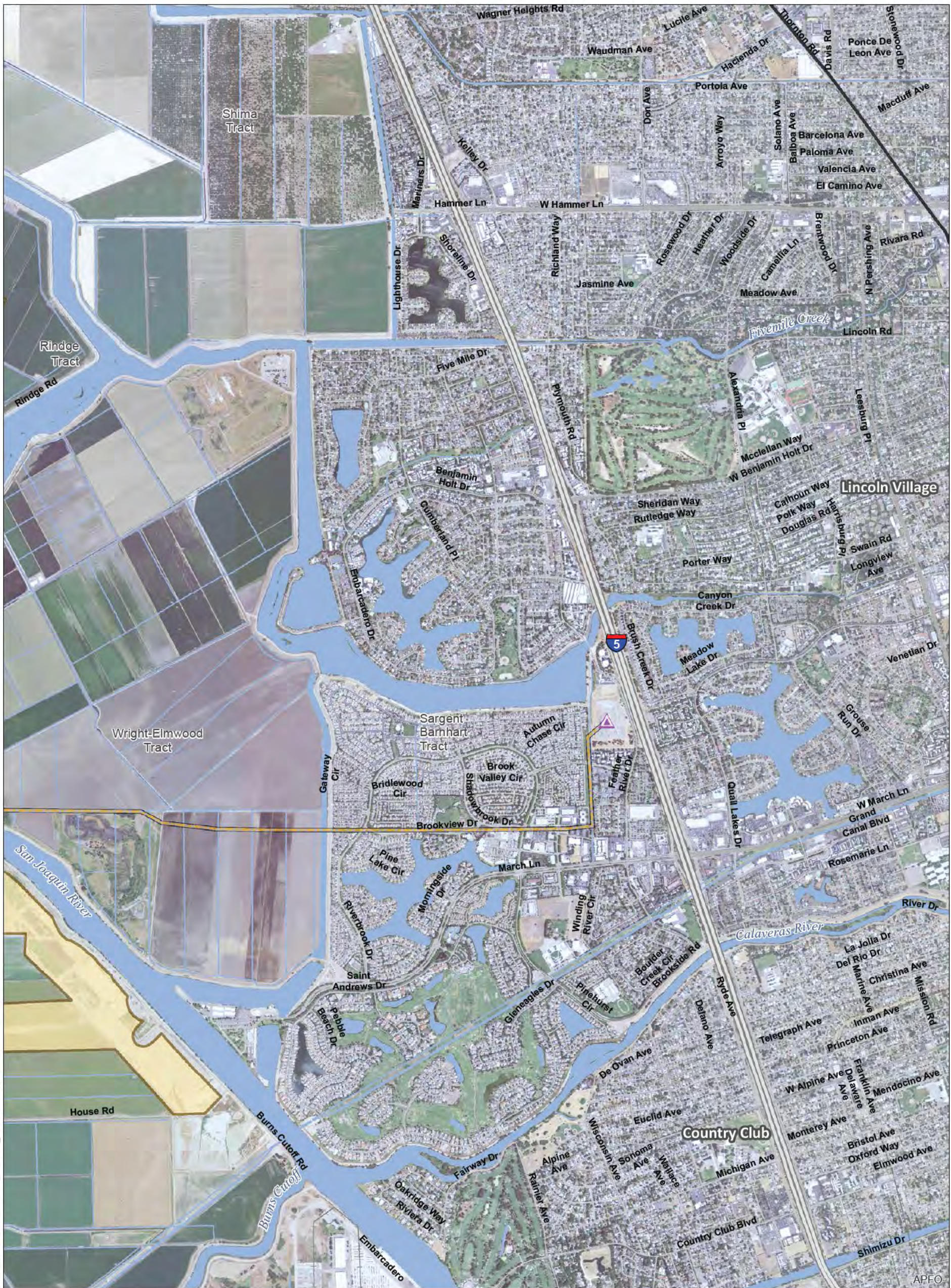


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Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

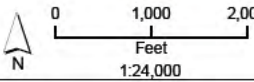
**Figure M3-2: Sheet 8 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



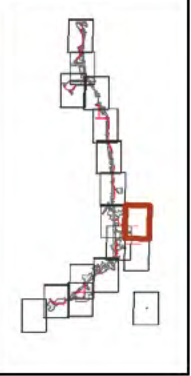
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

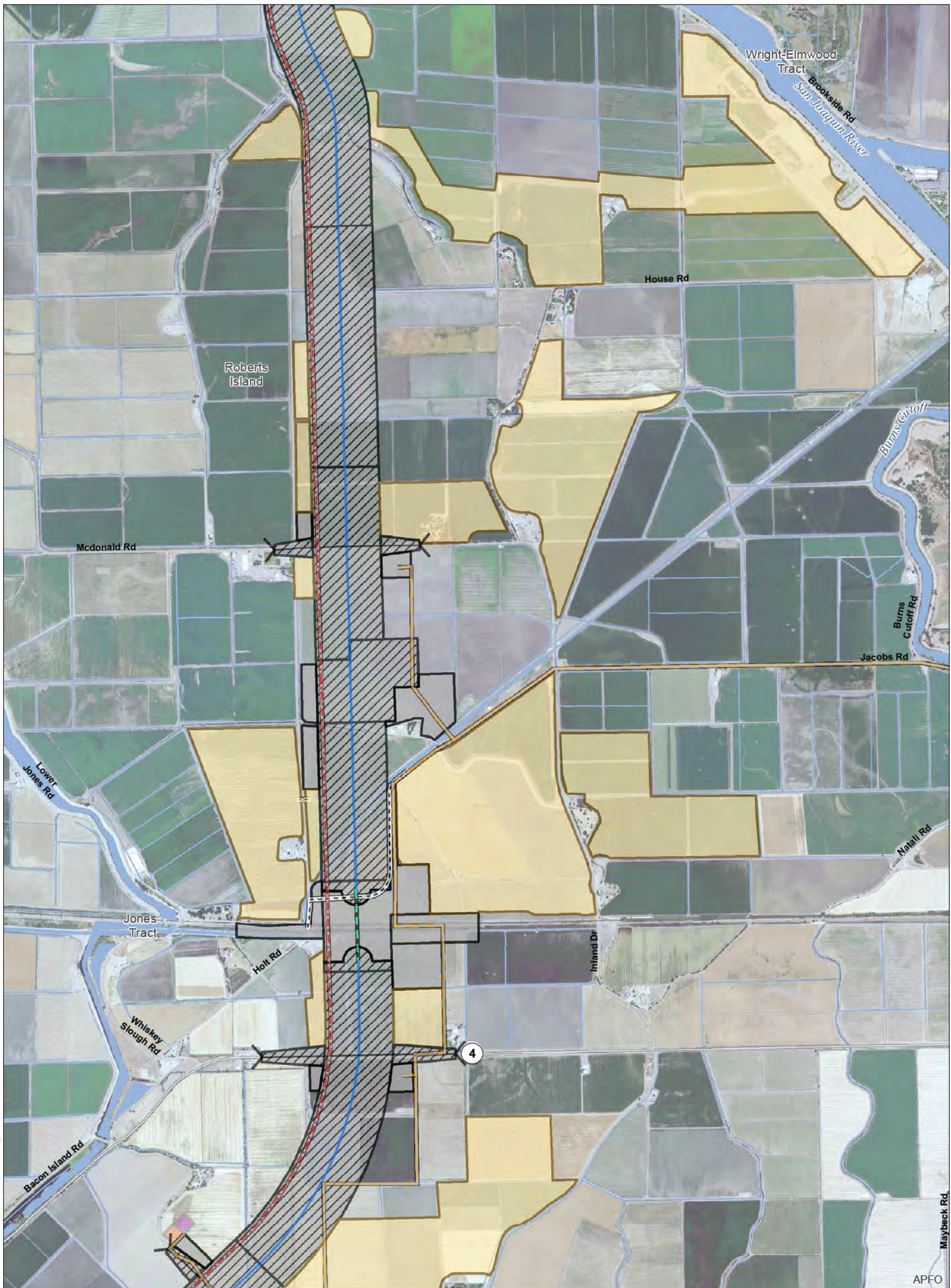


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Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

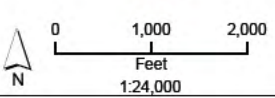
**Figure M3-2: Sheet 9 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



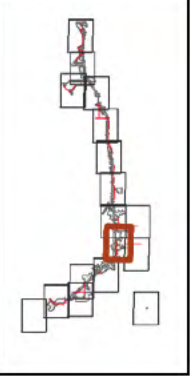
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |



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 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

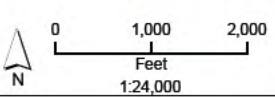
**Figure M3-2: Sheet 10 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



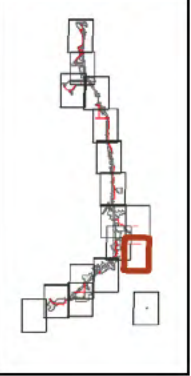
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

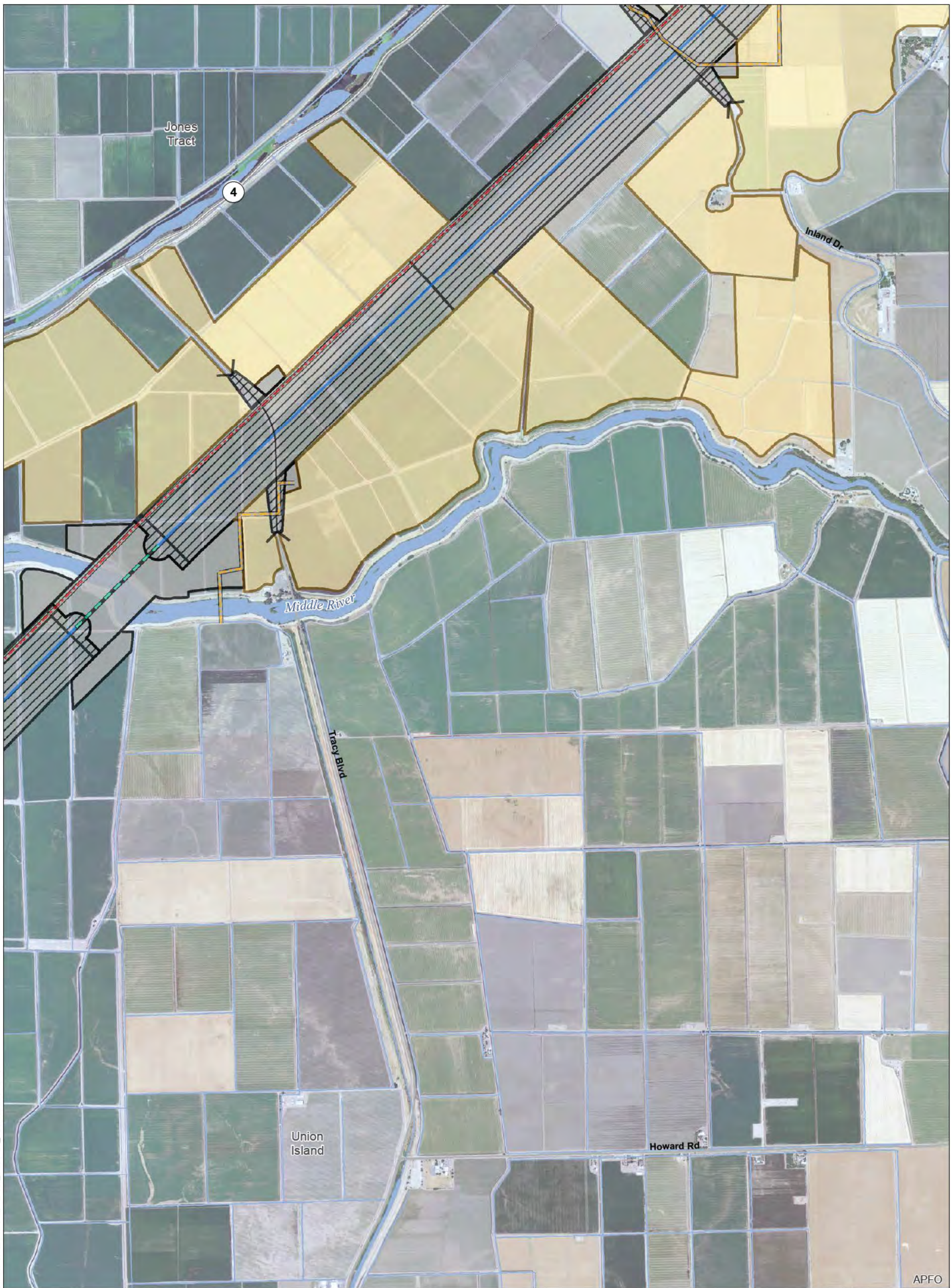


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

**Figure M3-2: Sheet 11 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**

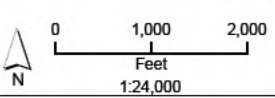


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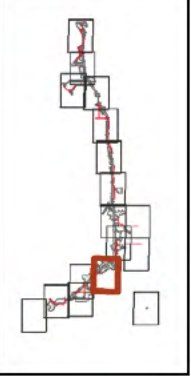
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

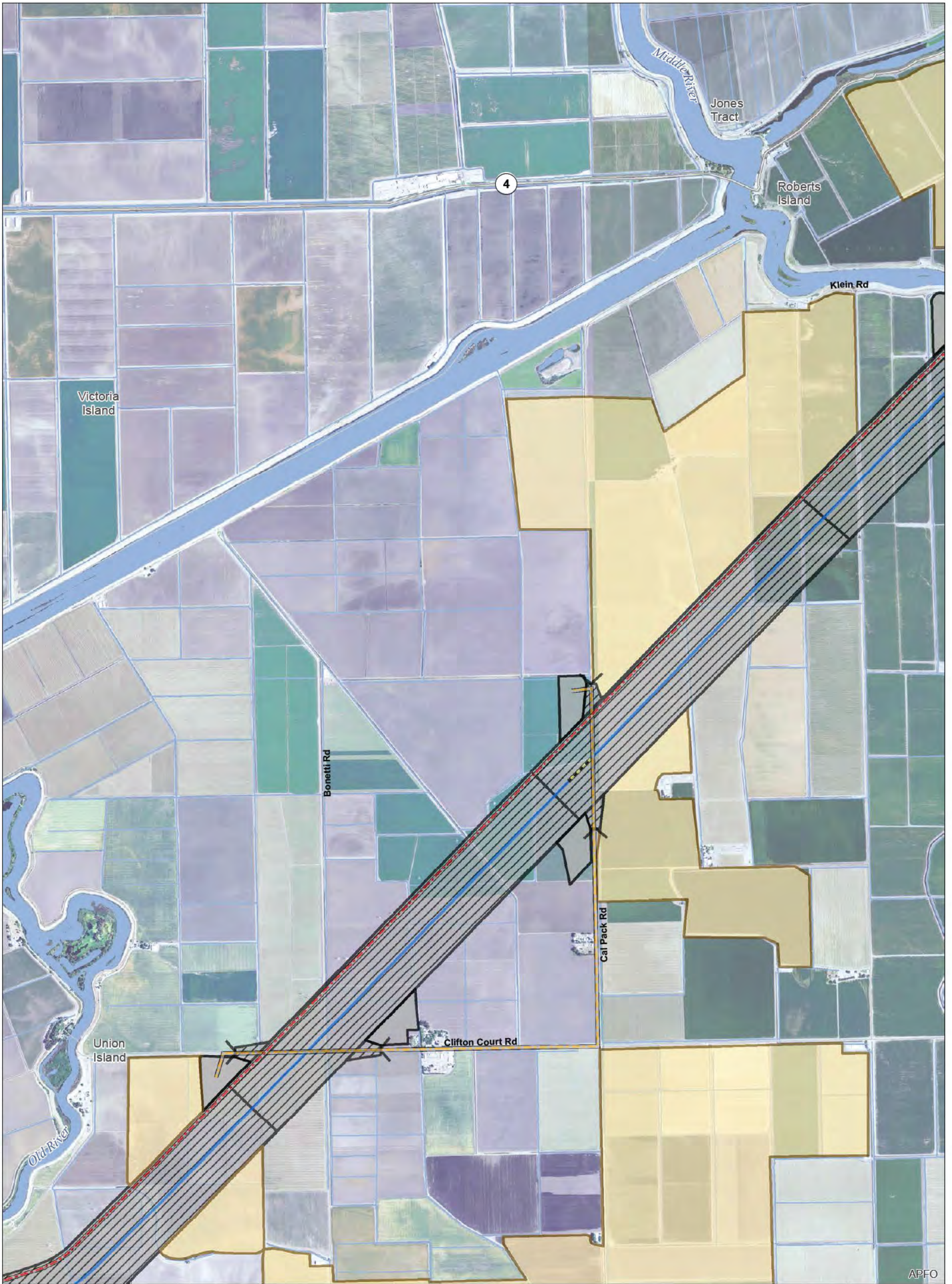


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Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

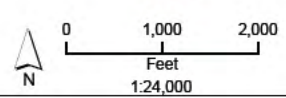
**Figure M3-2: Sheet 12 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



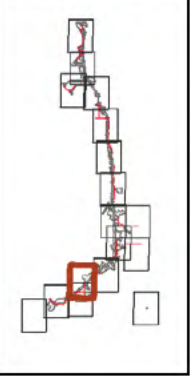
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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |



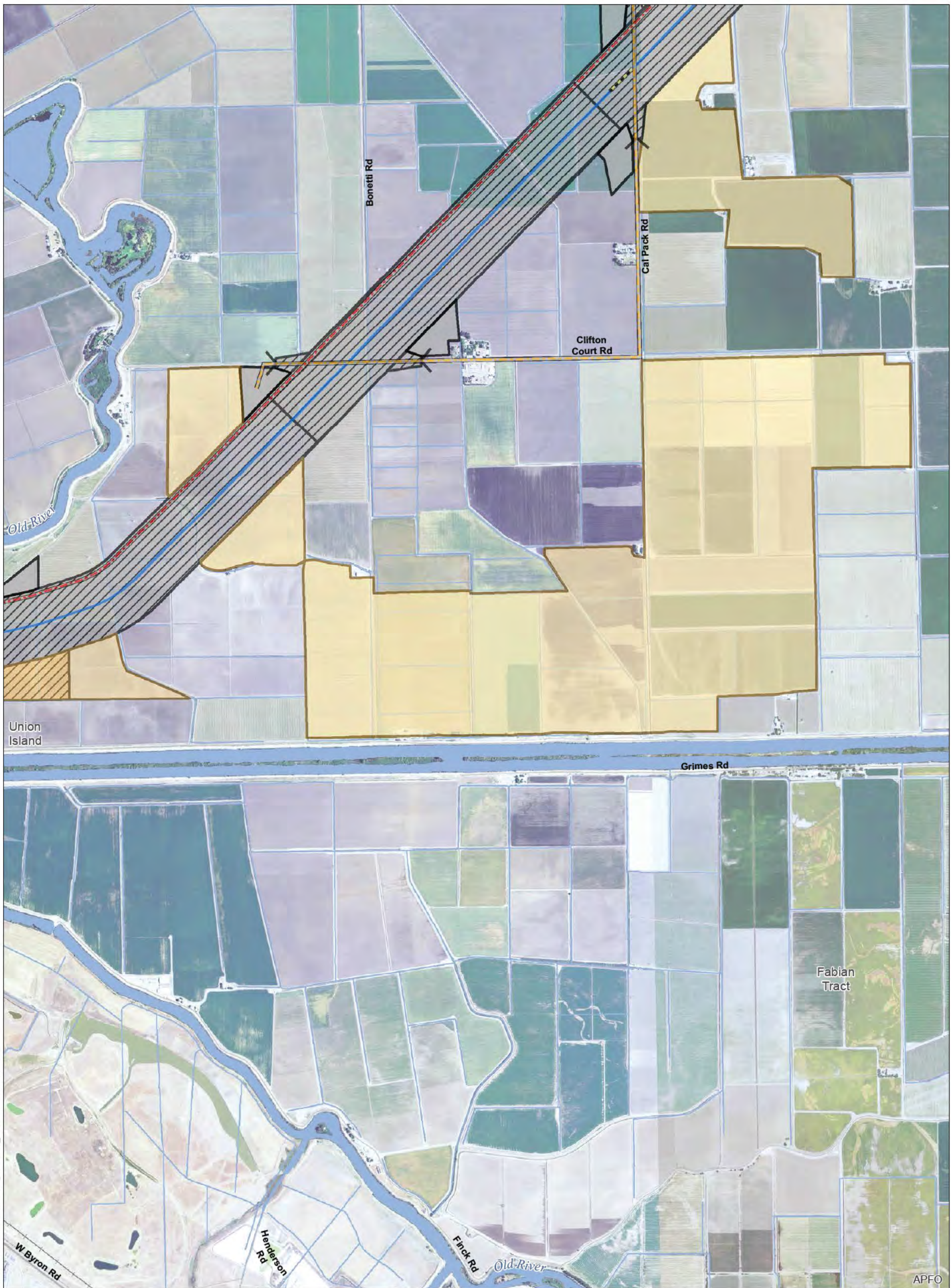
*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

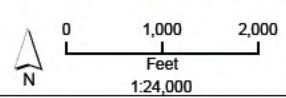
**Figure M3-2: Sheet 13 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



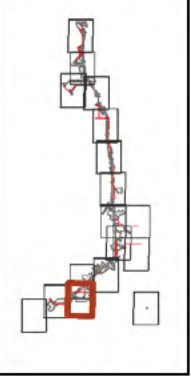
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

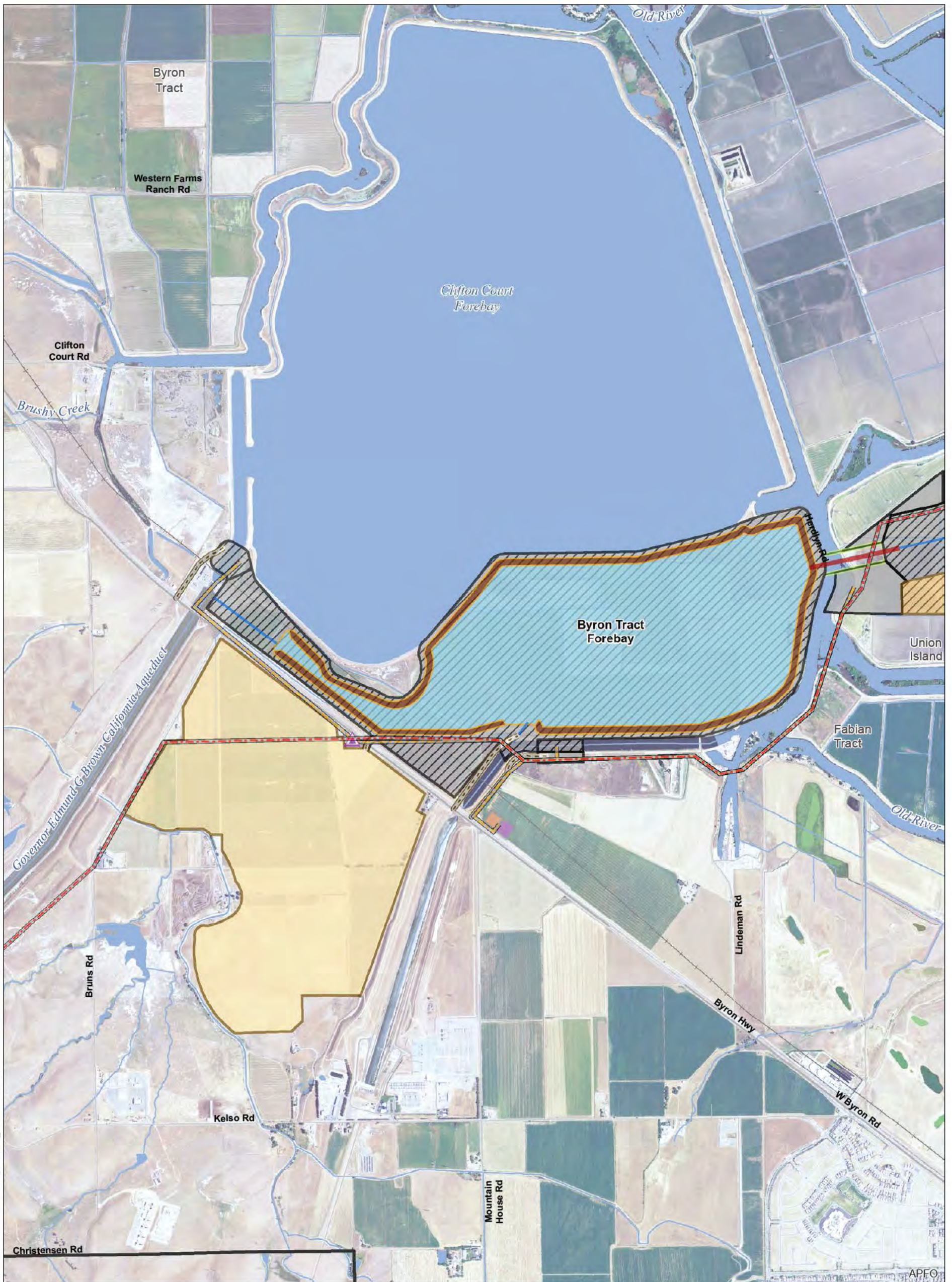


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

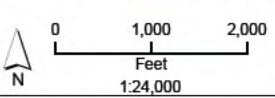
**Figure M3-2: Sheet 14 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



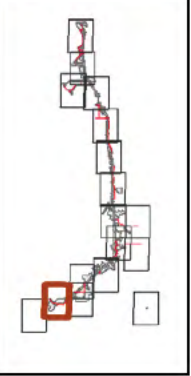
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

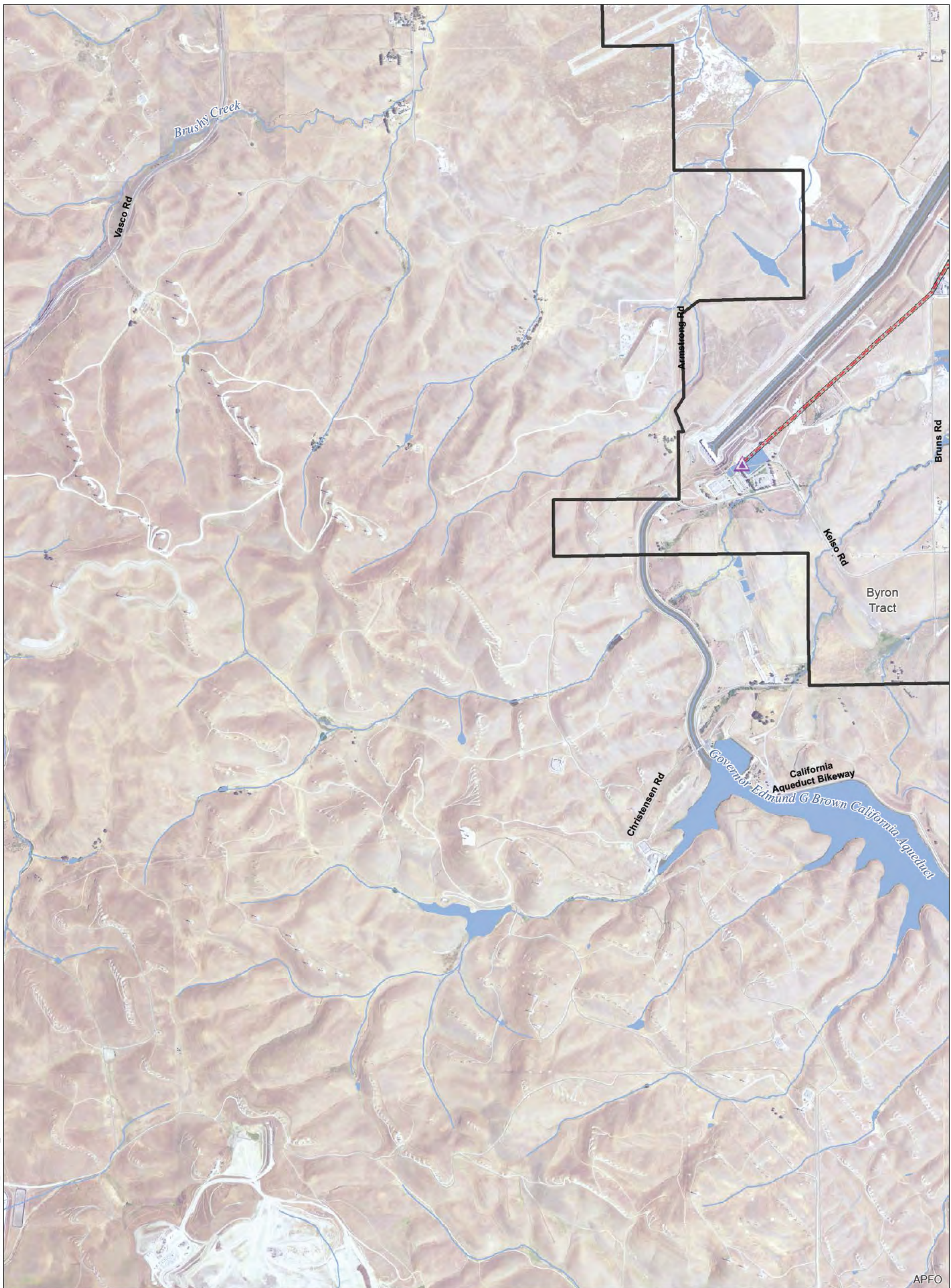


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

**Figure M3-2: Sheet 15 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**

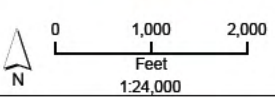


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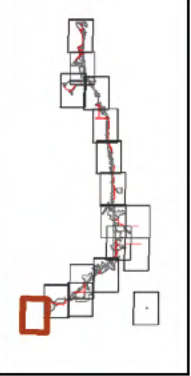
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |



*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

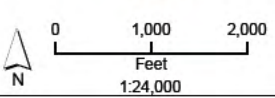
**Figure M3-2: Sheet 16 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



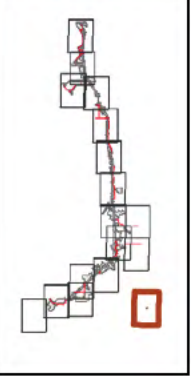
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, for Power Only) | Conveyance / Intake Pipeline | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Operable Barrier | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| Canal Centerline | Tunnel | | |

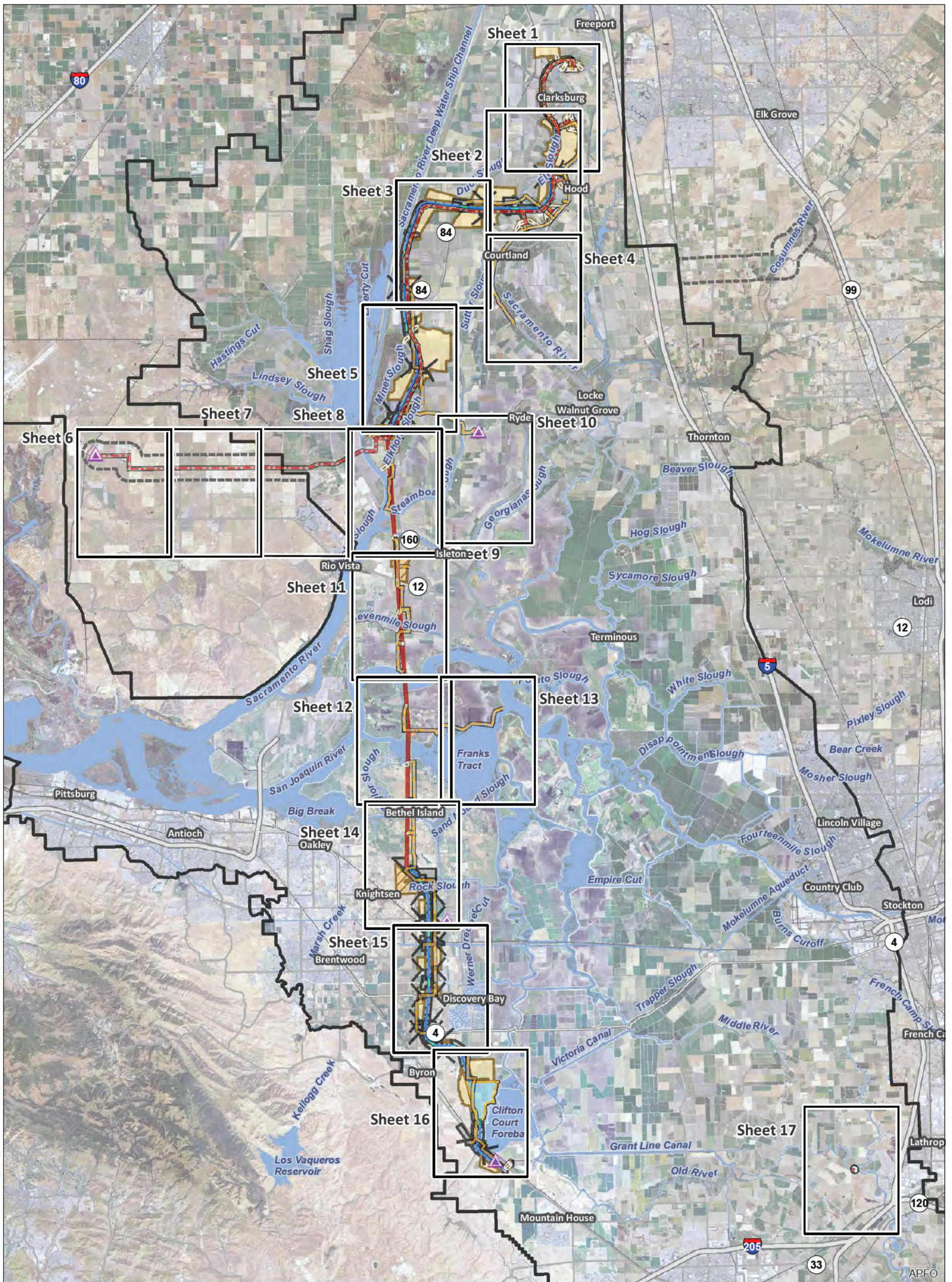


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

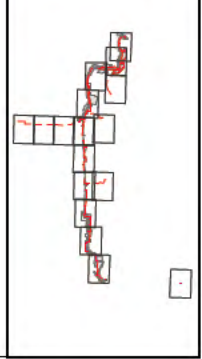
**Figure M3-2: Sheet 17 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



Legend

Interstate	Interconnection Point	Conveyance / Intake Pipeline	Forebay	Potential Borrow and/or Spoil Area
State Highway/Route	Permanent OH Transmission Line	Operable Barrier	Forebay Embankment	Reusable Tunnel Material Area
Railroad	Temporary OH Transmission Line	Permanent Access Road	Intake	Barge Unloading Facility
Plan Area	Bridge	Siphon	*Proposed Subsurface Easement	Concrete Batch Plant
Areas of Additional Analysis (Outside of Legal Delta; for Power Only)	Canal	Temporary Access Road	**Proposed Permanent Surface Impact	Fuel Station
Water	Control Structure	Tunnel	Proposed Temporary Surface Impact	Safe Haven Work Area

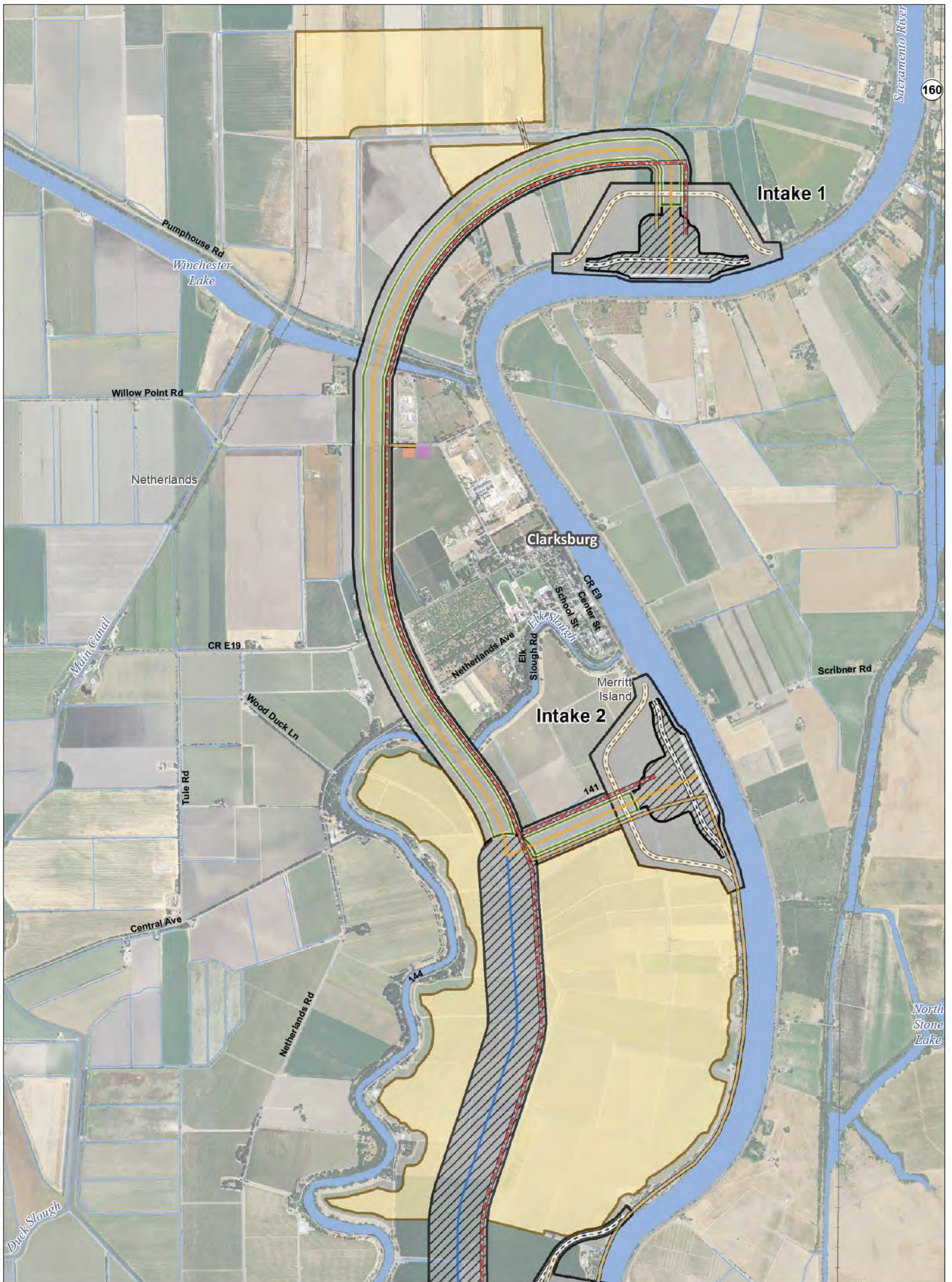
*Surface impacts are not expected to result from subsurface features. **In-river features are not a permanent impact to navigation.



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Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

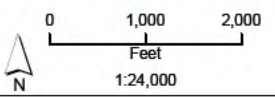
Figure M3-3: Index West Alignment (Alternatives 1C, 2C, and 6C)



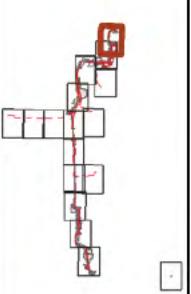
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

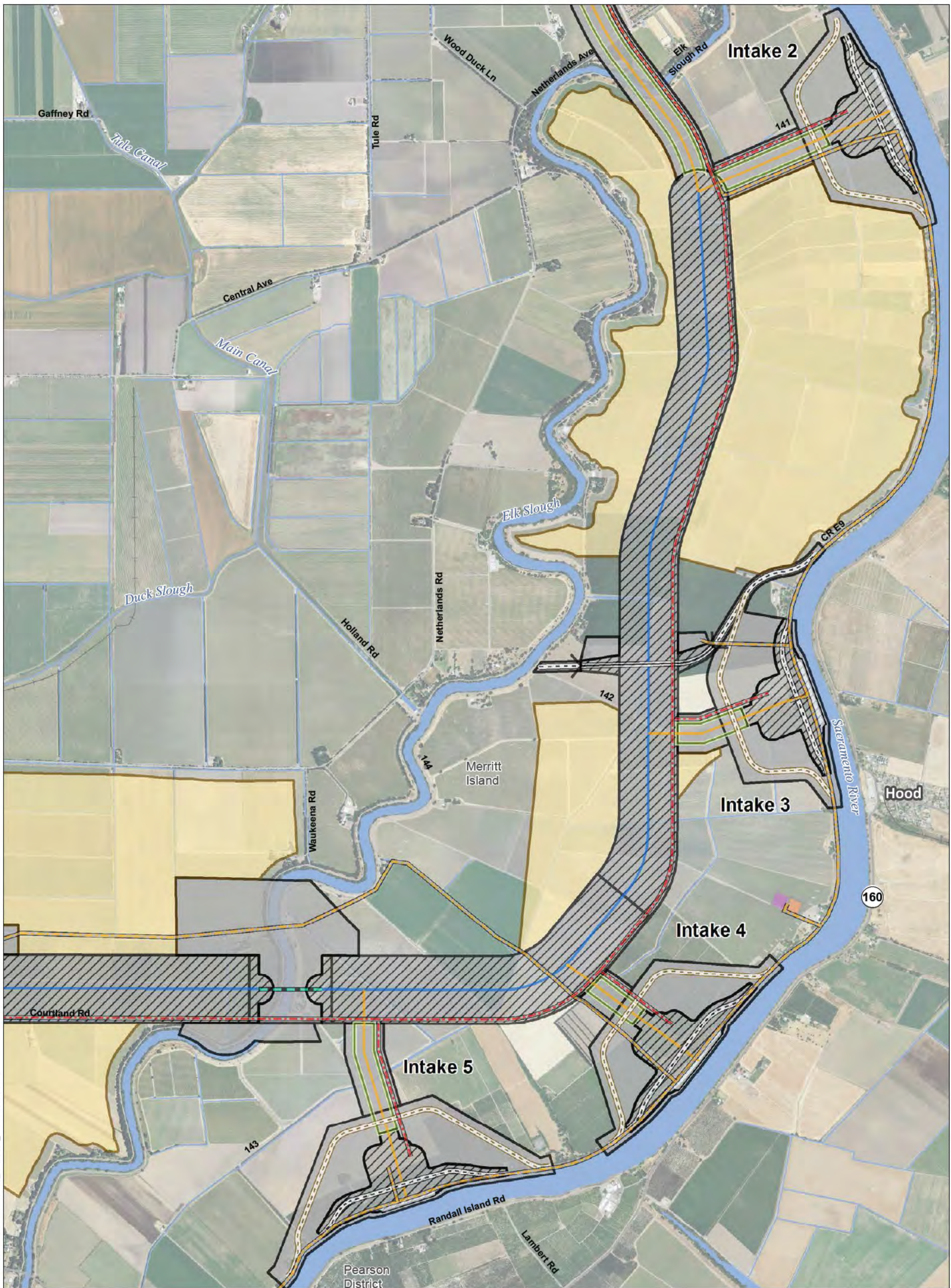


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

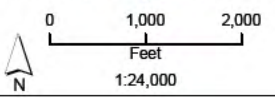
**Figure M3-3: Sheet 1 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



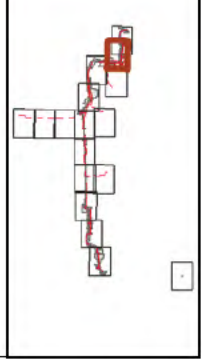
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

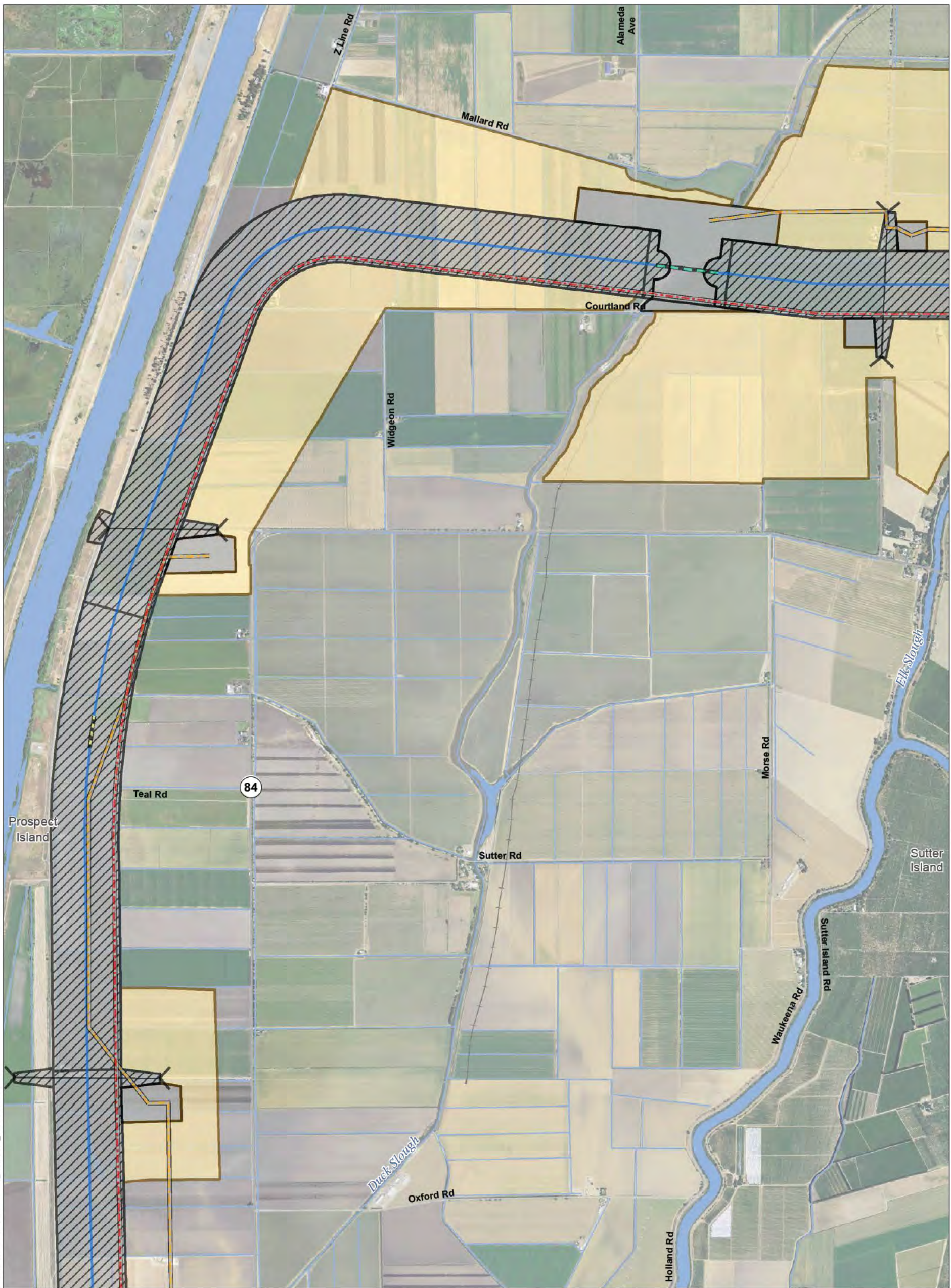


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

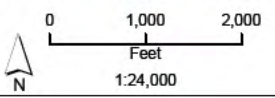
**Figure M3-3: Sheet 2 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



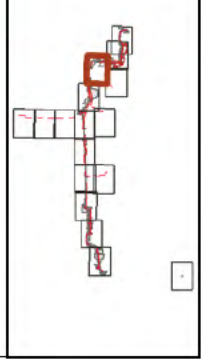
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |



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 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

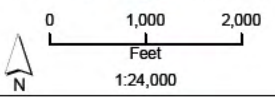
**Figure M3-3: Sheet 3 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



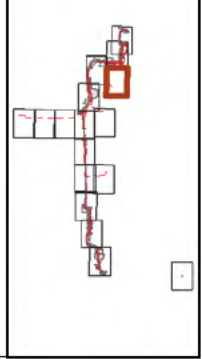
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |



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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

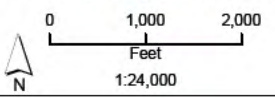
**Figure M3-3: Sheet 4 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



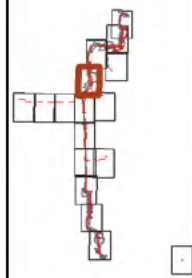
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

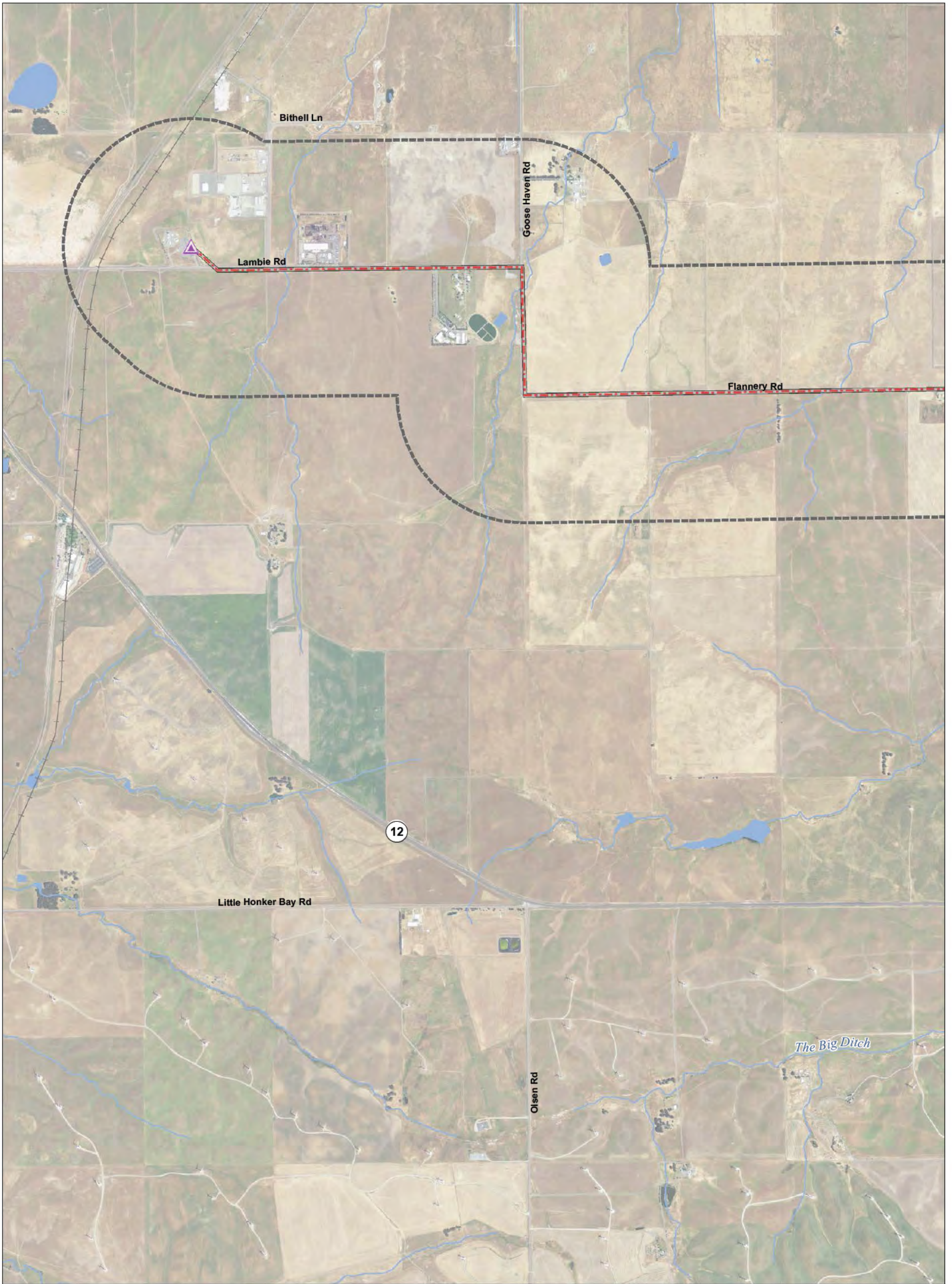


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

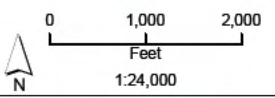
**Figure M3-3: Sheet 5 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



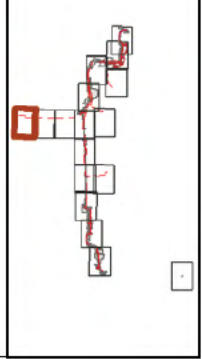
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

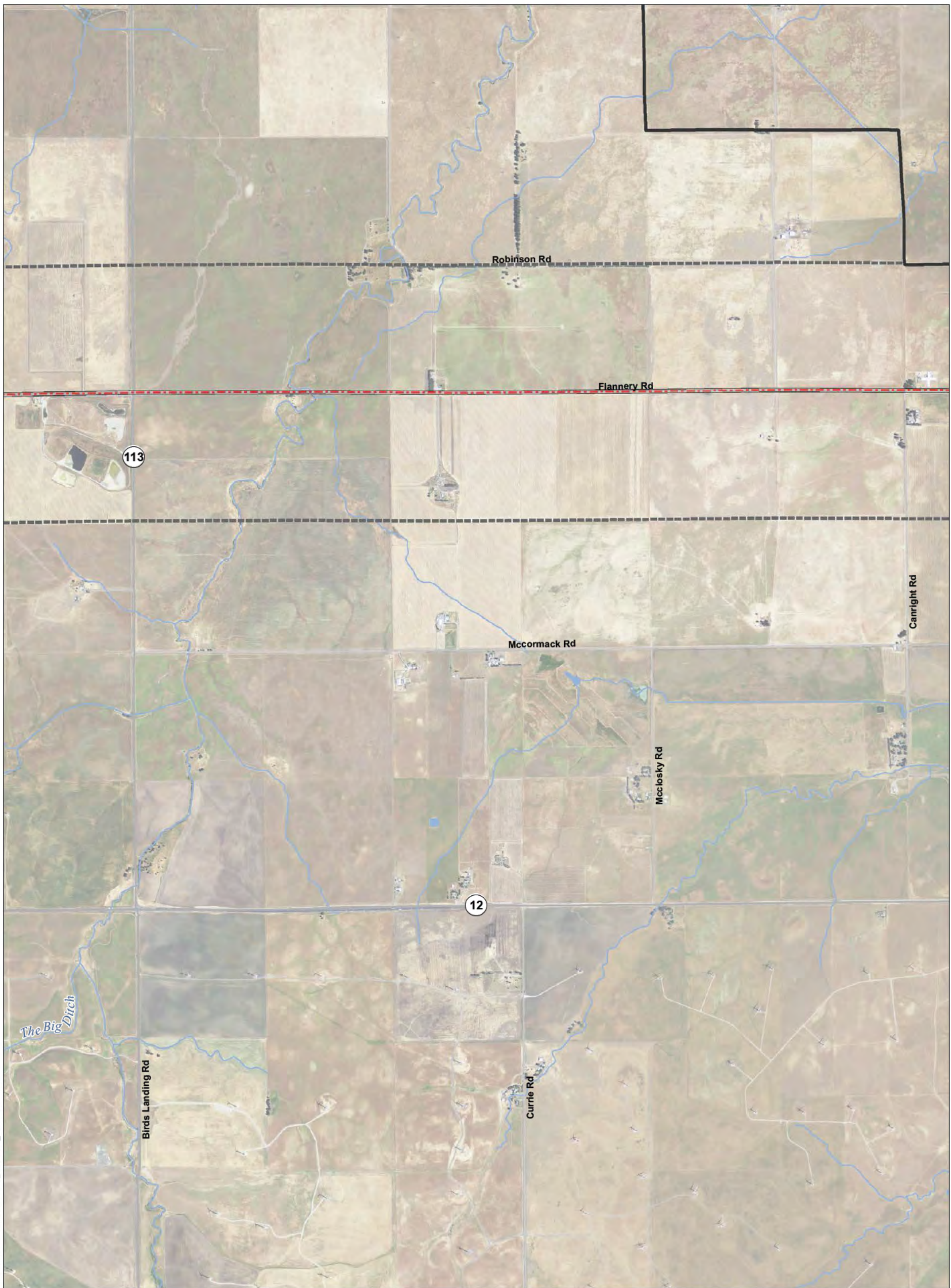


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

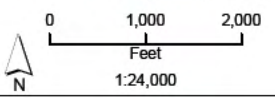
**Figure M3-3: Sheet 6 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



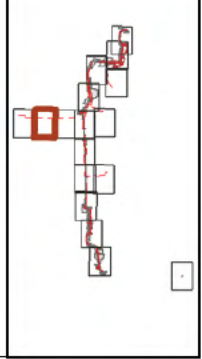
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

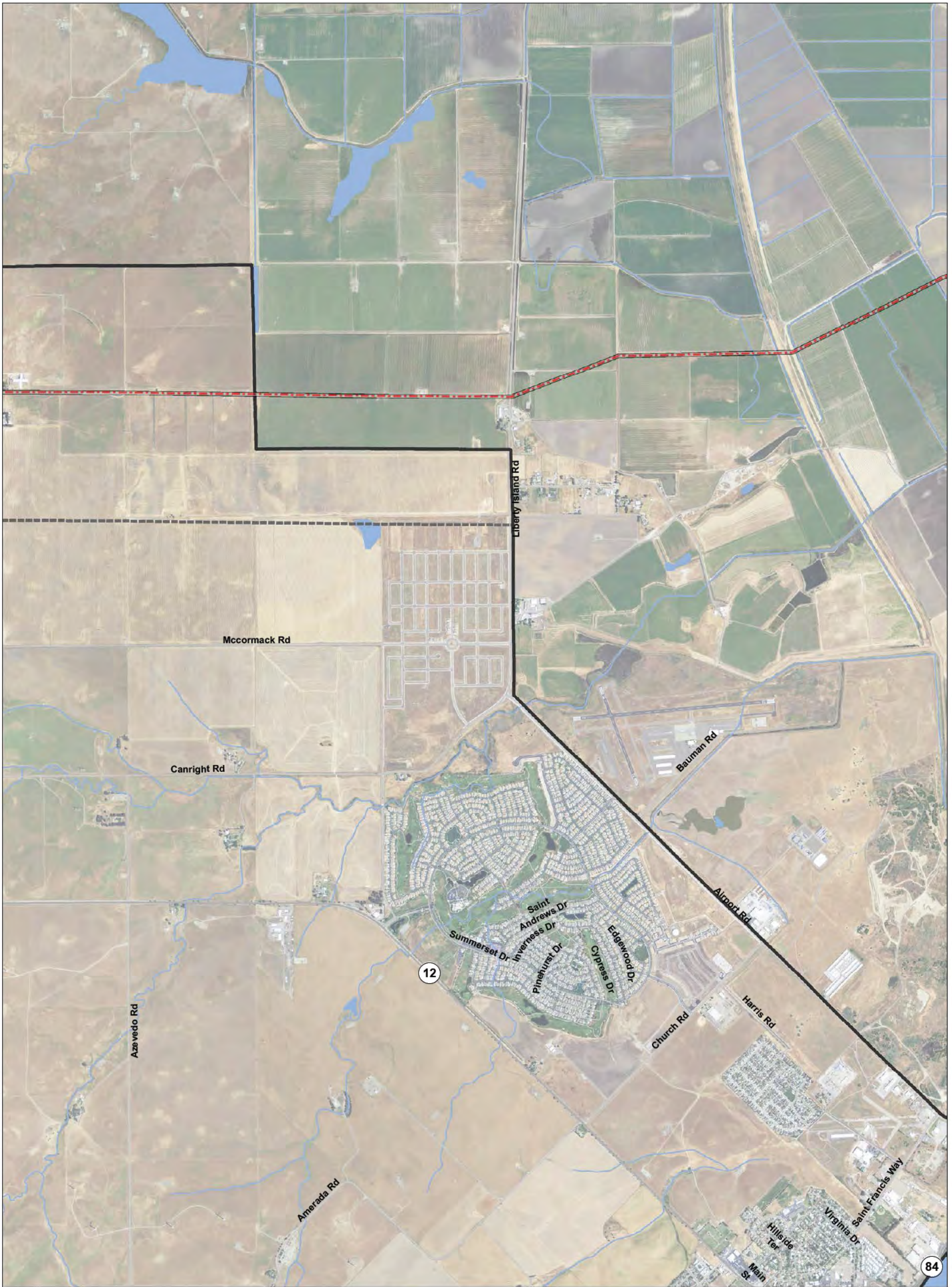


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

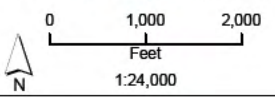
**Figure M3-3: Sheet 7 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



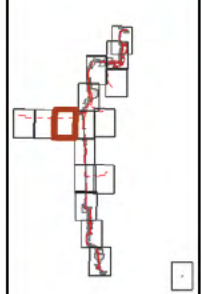
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

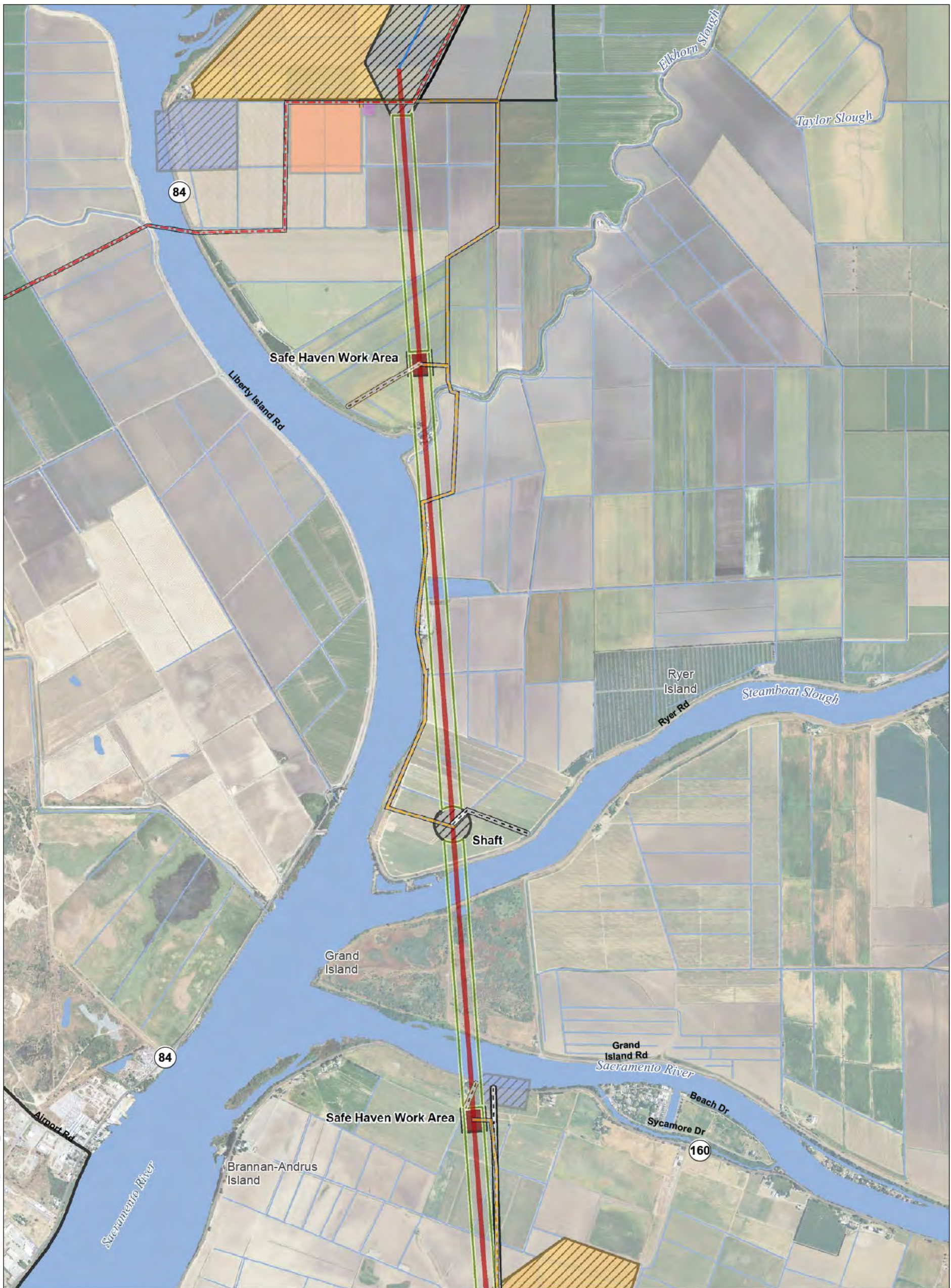


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

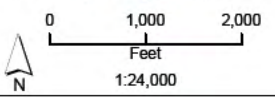
**Figure M3-3: Sheet 8 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



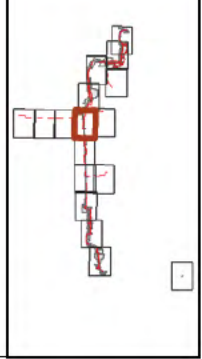
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |



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 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

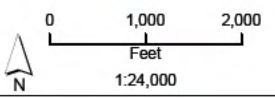
**Figure M3-3: Sheet 9 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



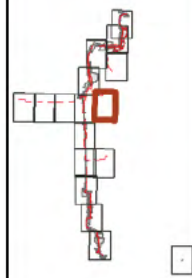
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

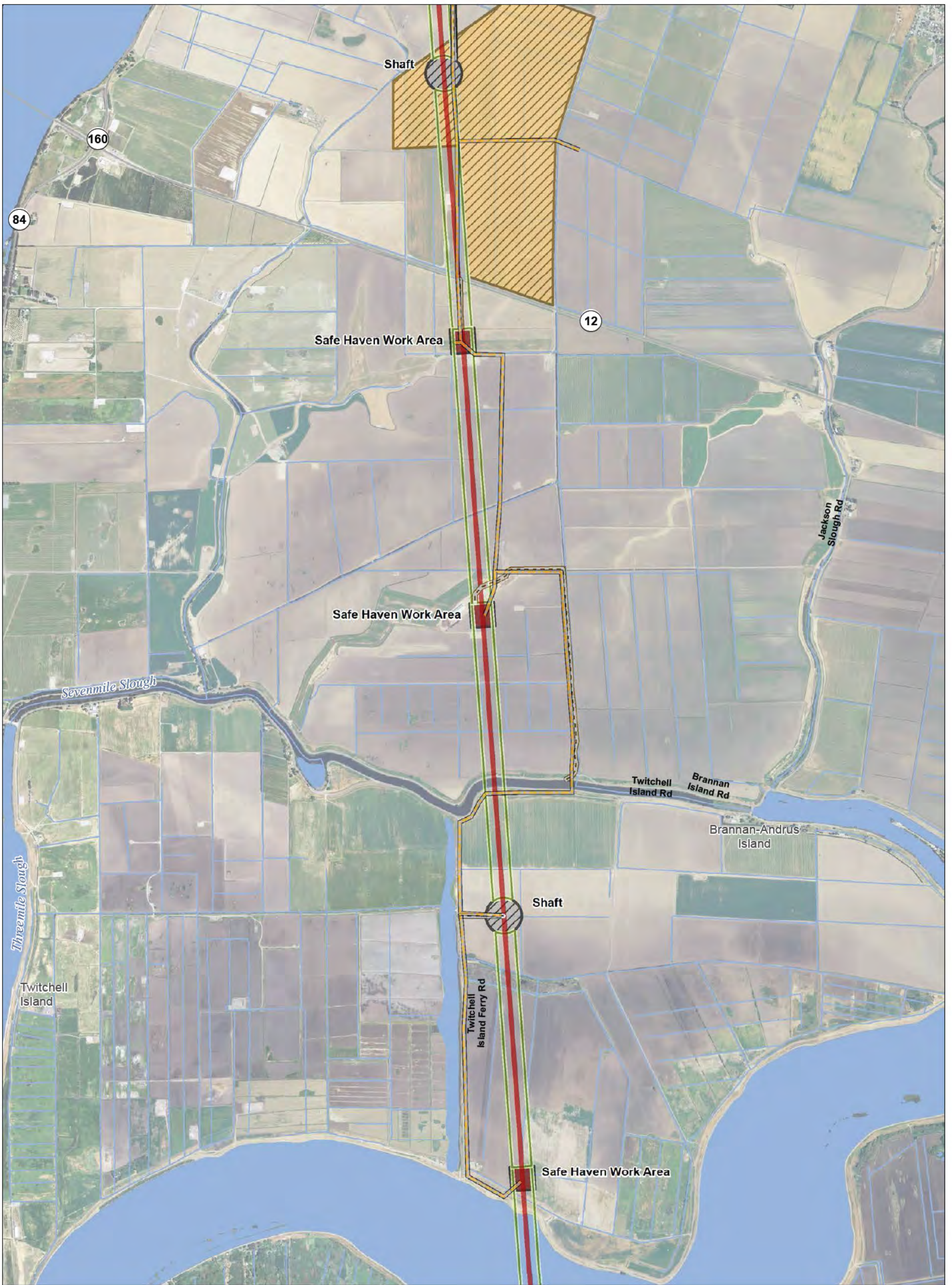


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

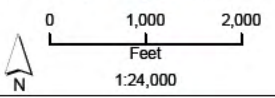
**Figure M3-3: Sheet 10 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



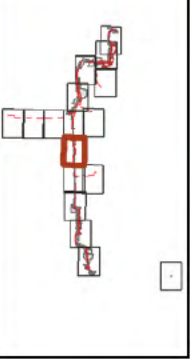
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |



*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

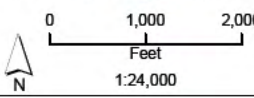
**Figure M3-3: Sheet 11 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



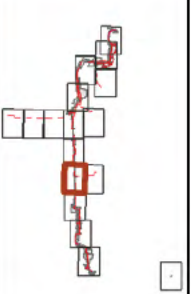
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |



*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

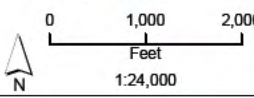
**Figure M3-3: Sheet 12 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



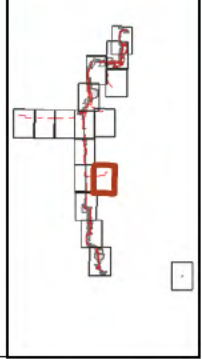
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Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

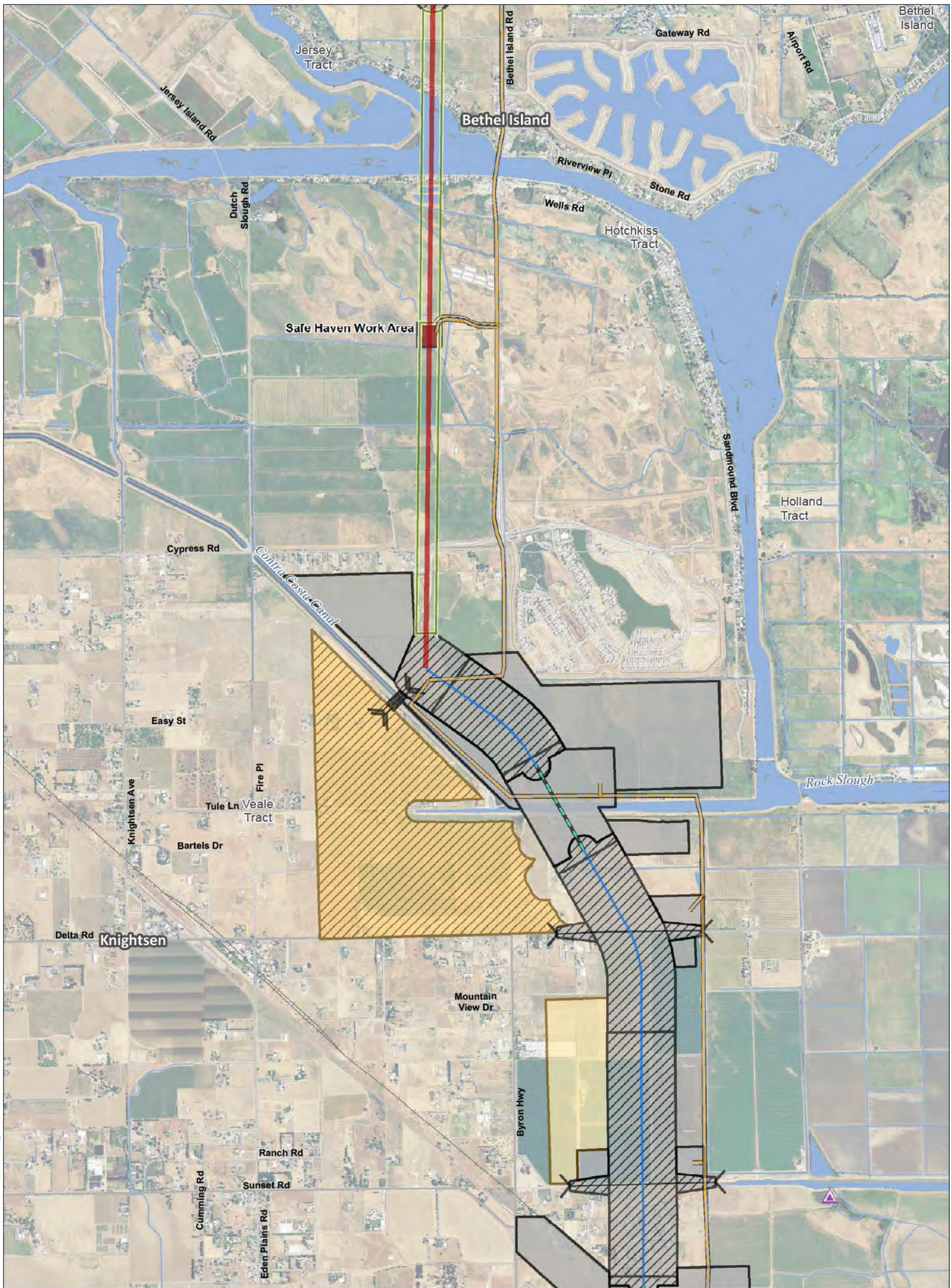


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



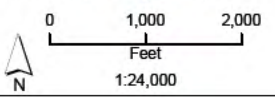
Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

**Figure M3-3: Sheet 13 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**

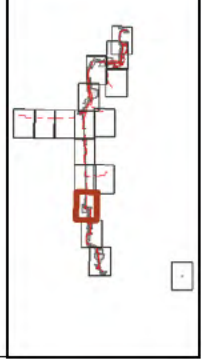


Legend

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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |



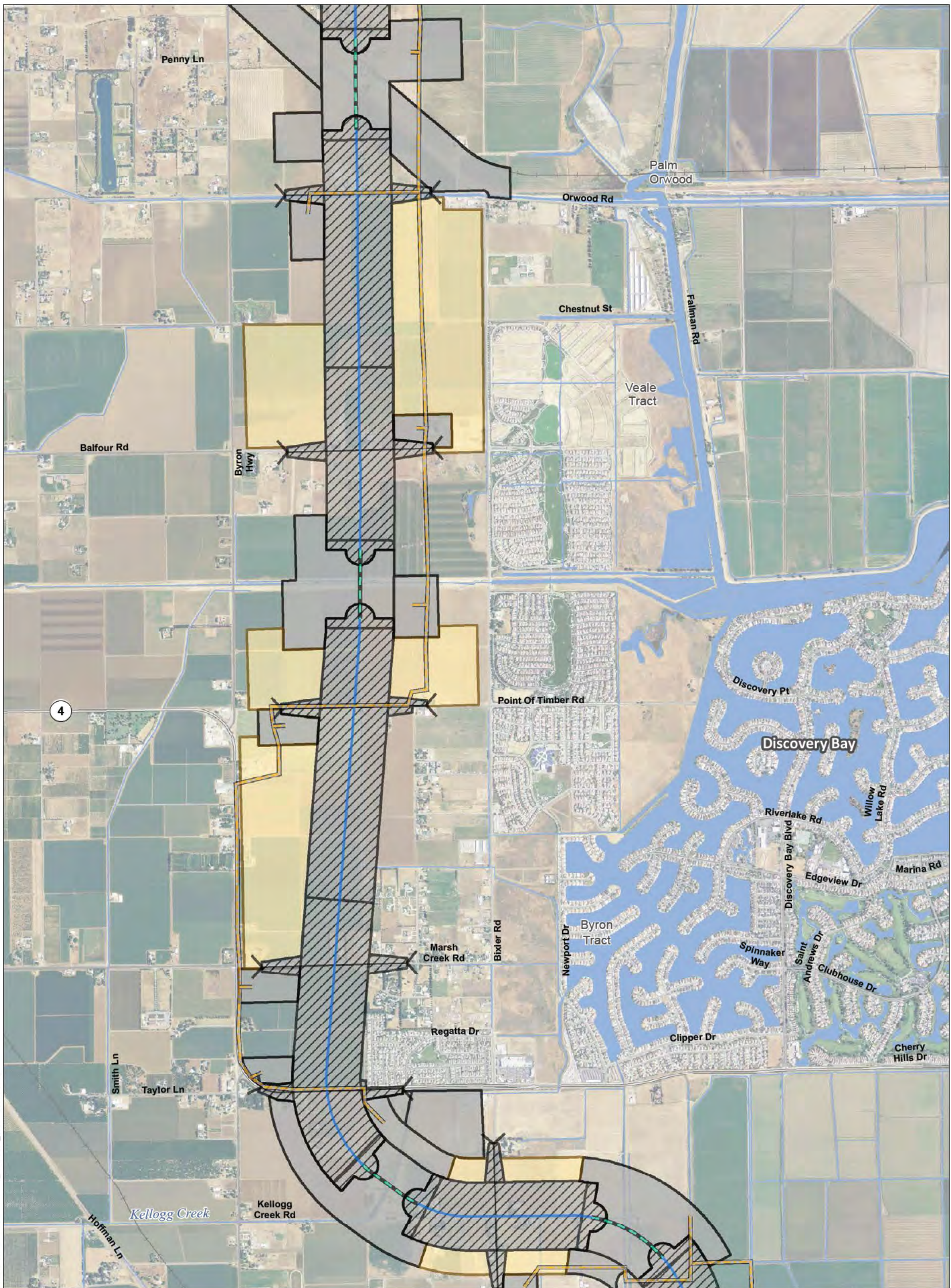
*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

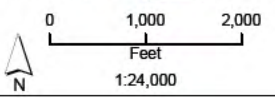
**Figure M3-3: Sheet 14 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



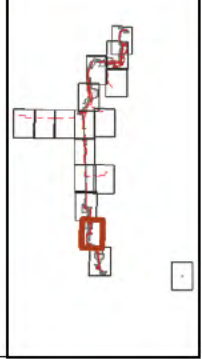
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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

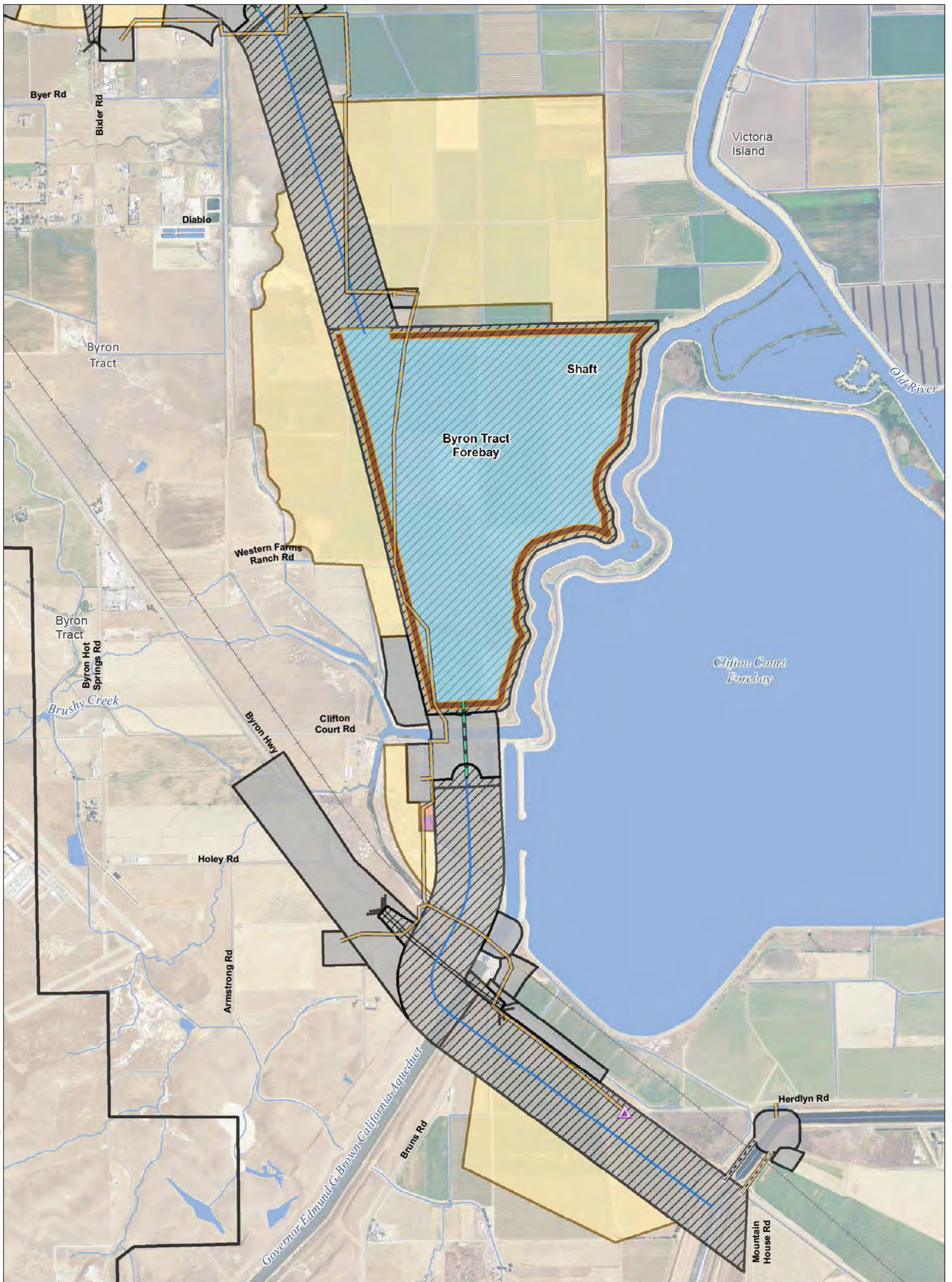


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

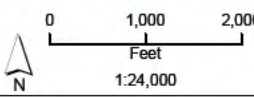
**Figure M3-3: Sheet 15 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



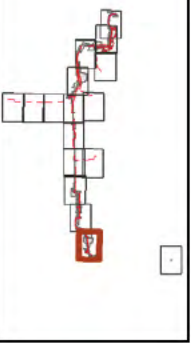
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Legend

- | | | | |
|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

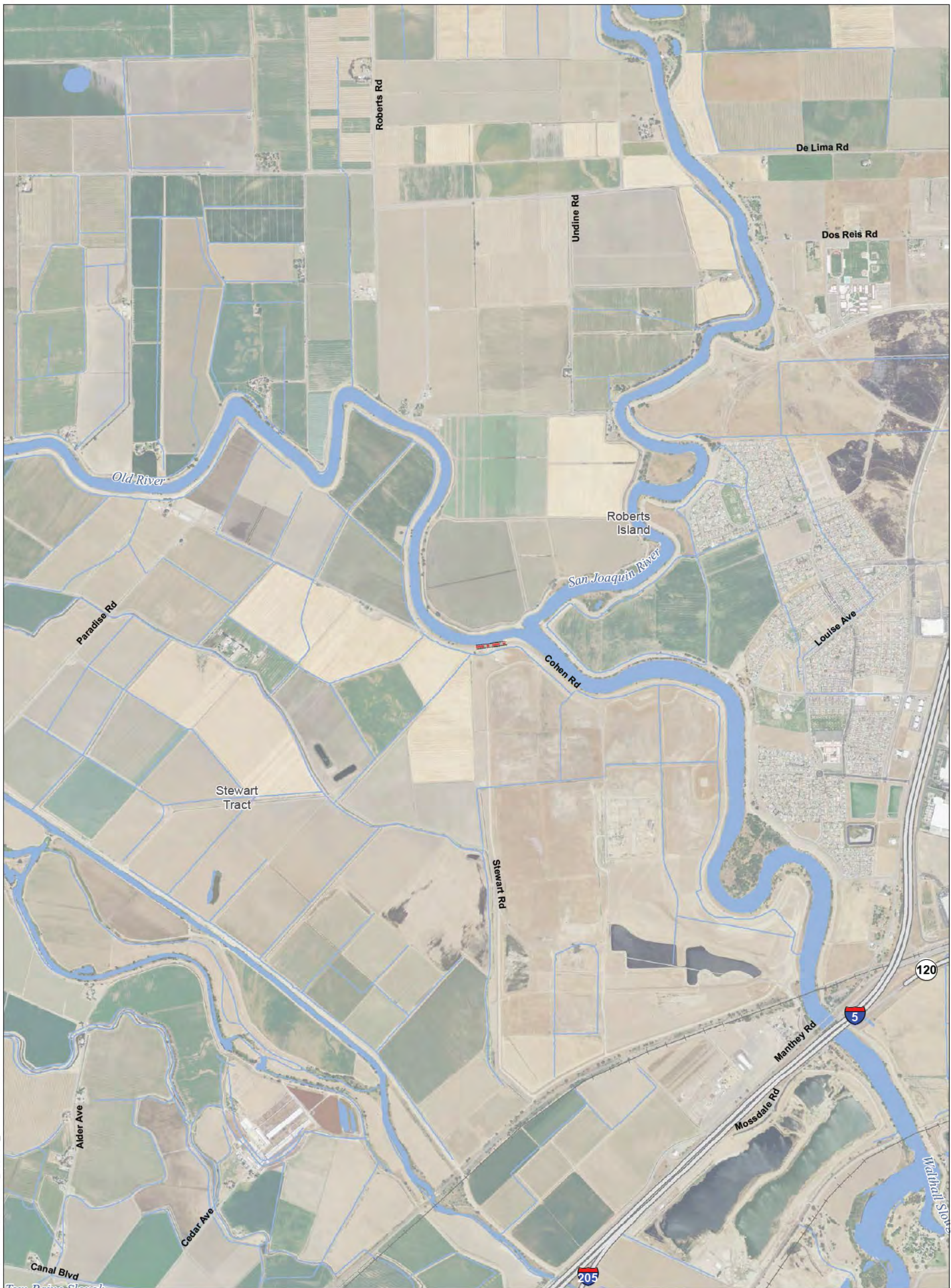


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

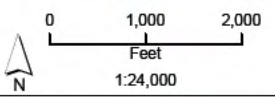
**Figure M3-3: Sheet 16 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



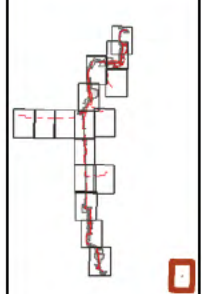
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Legend

- | | | | |
|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Canal Centerline | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Control Structure | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Conveyance / Intake Pipeline | Intake | Barge Unloading Facility |
| Permanent OH Transmission Line | Permanent Access Road | *Proposed Subsurface Easement | Concrete Batch Plant |
| Temporary OH Transmission Line | Siphon | **Proposed Permanent Surface Impact | Fuel Station |
| Bridge | Temporary Access Road | Proposed Temporary Surface Impact | Safe Haven Work Area |
| | Tunnel | | |

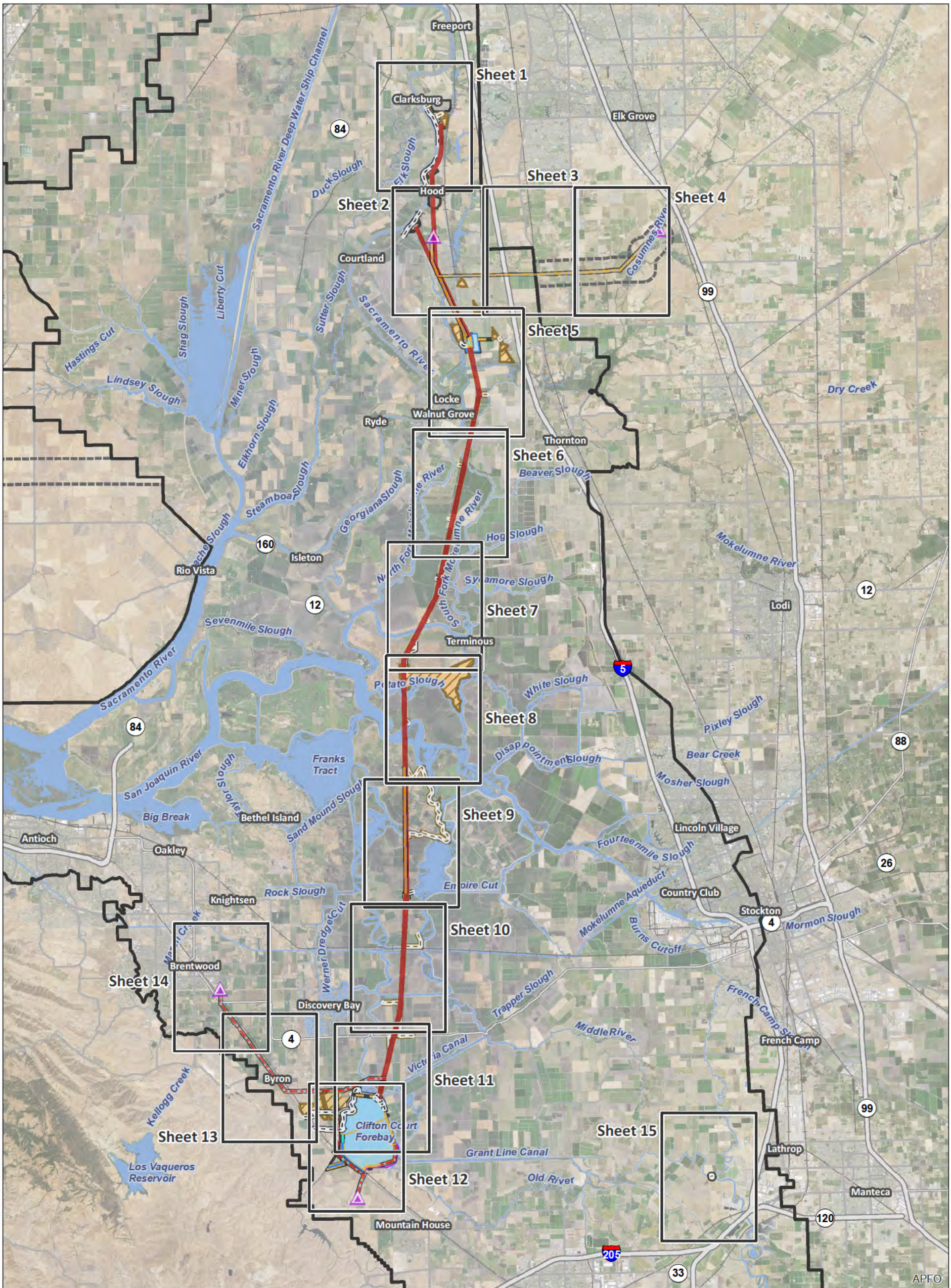


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

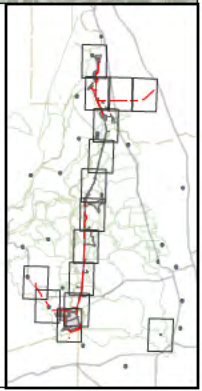
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 West Alignment (Alternatives 1C, 2C, and 6C)**



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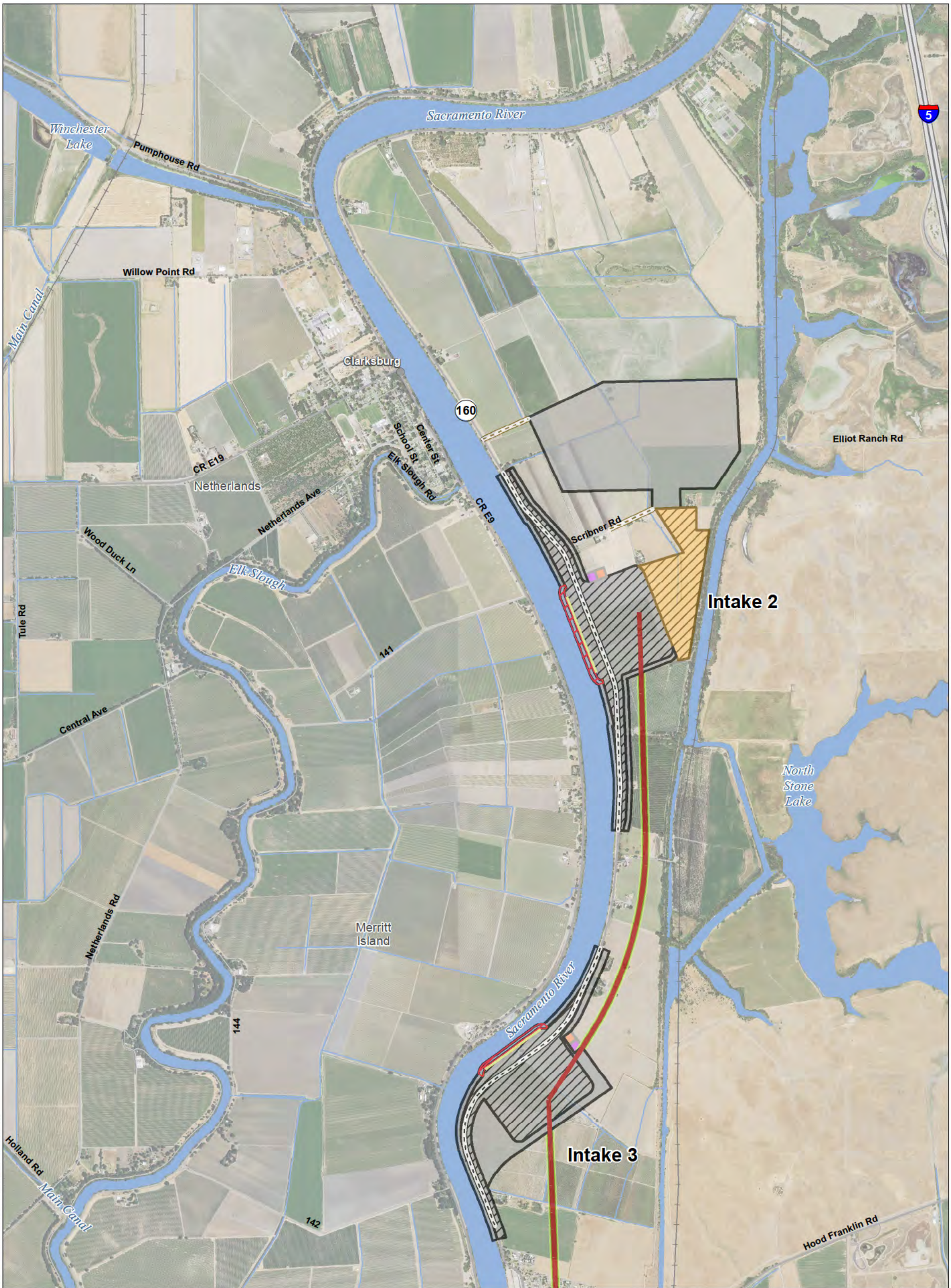
- | | | | |
|---|---|---|--|
| Interstate | Interconnection Point | Dredging | Proposed Temporary Surface Impact |
| State Highway/Route | Proposed Permanent OH Transmission Line | Forebay | Proposed Potential Borrow And/Or Spoil |
| Railroad | Proposed Temporary OH Transmission Line | Forebay Embankment | Reusable Tunnel Material Area |
| Plan Area | Canal | Forebay Overflow | Barge Unloading Facility |
| Areas of Additional Analysis (Outside of Legal Delta; for Power Only) | Operable Barrier | Intake | Safe Haven Work Area |
| Water | Permanent Access Road | Power Transmission Relocation | Fuel Station |
| | Siphon | *Proposed Subsurface Easement | Concrete Batch Plant |
| | Temporary Access Road | **Proposed Permanent Surface Impact symbol"/> **Proposed Permanent Surface Impact | Geotech Planning Area |
| | Tunnel | | |
| | Tunnel Conveyor | | |

*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



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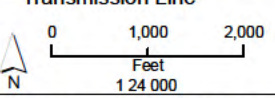
Figure M3-4: Index Modified Pipeline/Tunnel Alignment (Alternatives 4, 4A)



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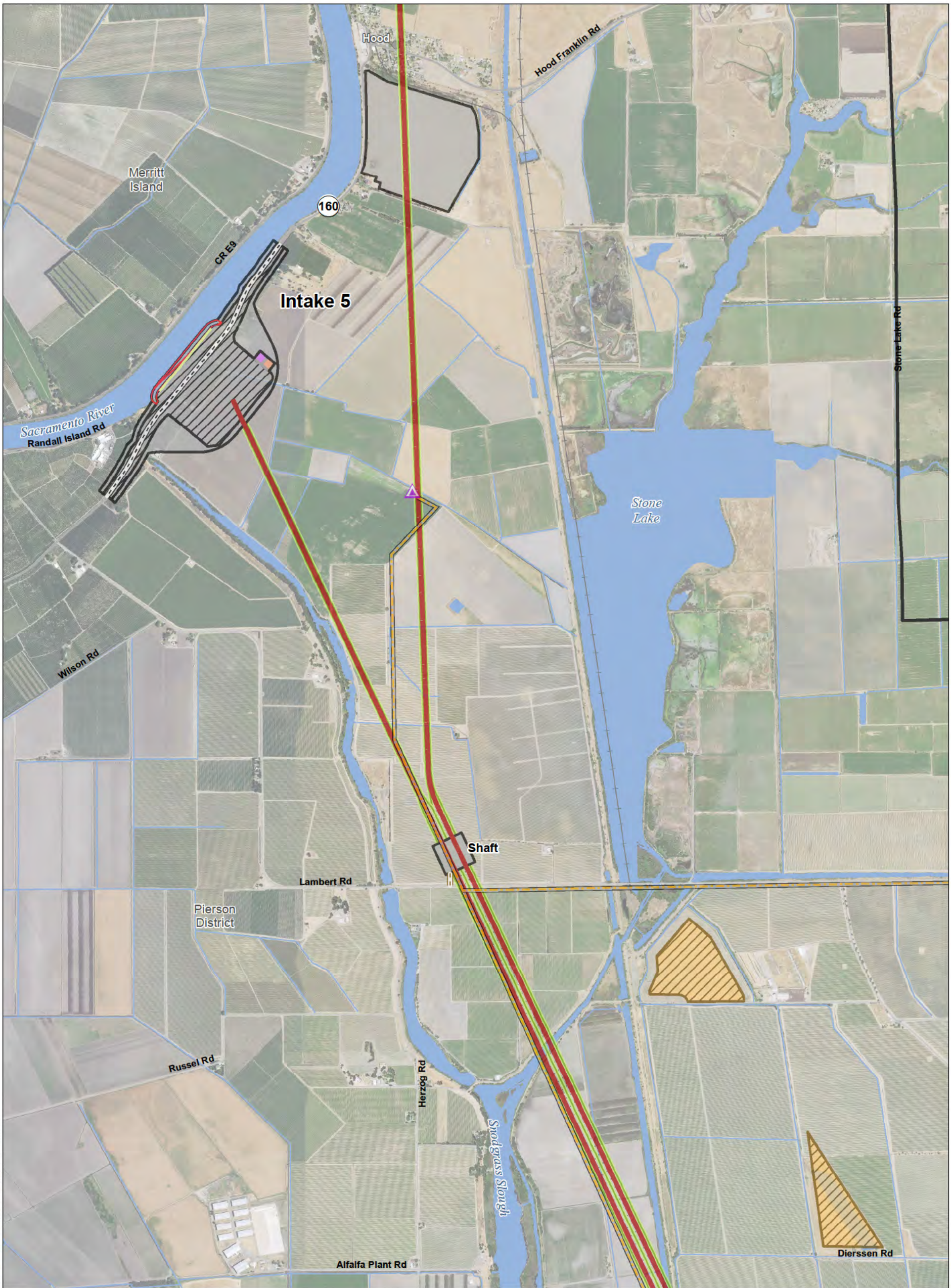
Plan Area	Canal	Dredging	Proposed Temporary Surface Impact
Areas of Additional Analysis (Outside of Legal Delta; for Power Only)	Operable Barrier	Forebay	Proposed Potential Borrow And/Or Spoil
Interconnection Point	Permanent Access Road	Forebay Embankment	Reusable Tunnel Material Area
Proposed Permanent OH Transmission Line	Siphon	Forebay Overflow	Barge Unloading Facility
Proposed Temporary OH Transmission Line	Temporary Access Road	Intake	Safe Haven Work Area
	Tunnel	Power Transmission Relocation	Fuel Station
	Tunnel Conveyor	*Proposed Subsurface Easement	Concrete Batch Plant
		**Proposed Permanent Surface Impact	Geotech Planning Area

*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



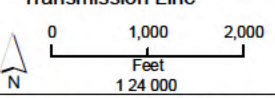
Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 1 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



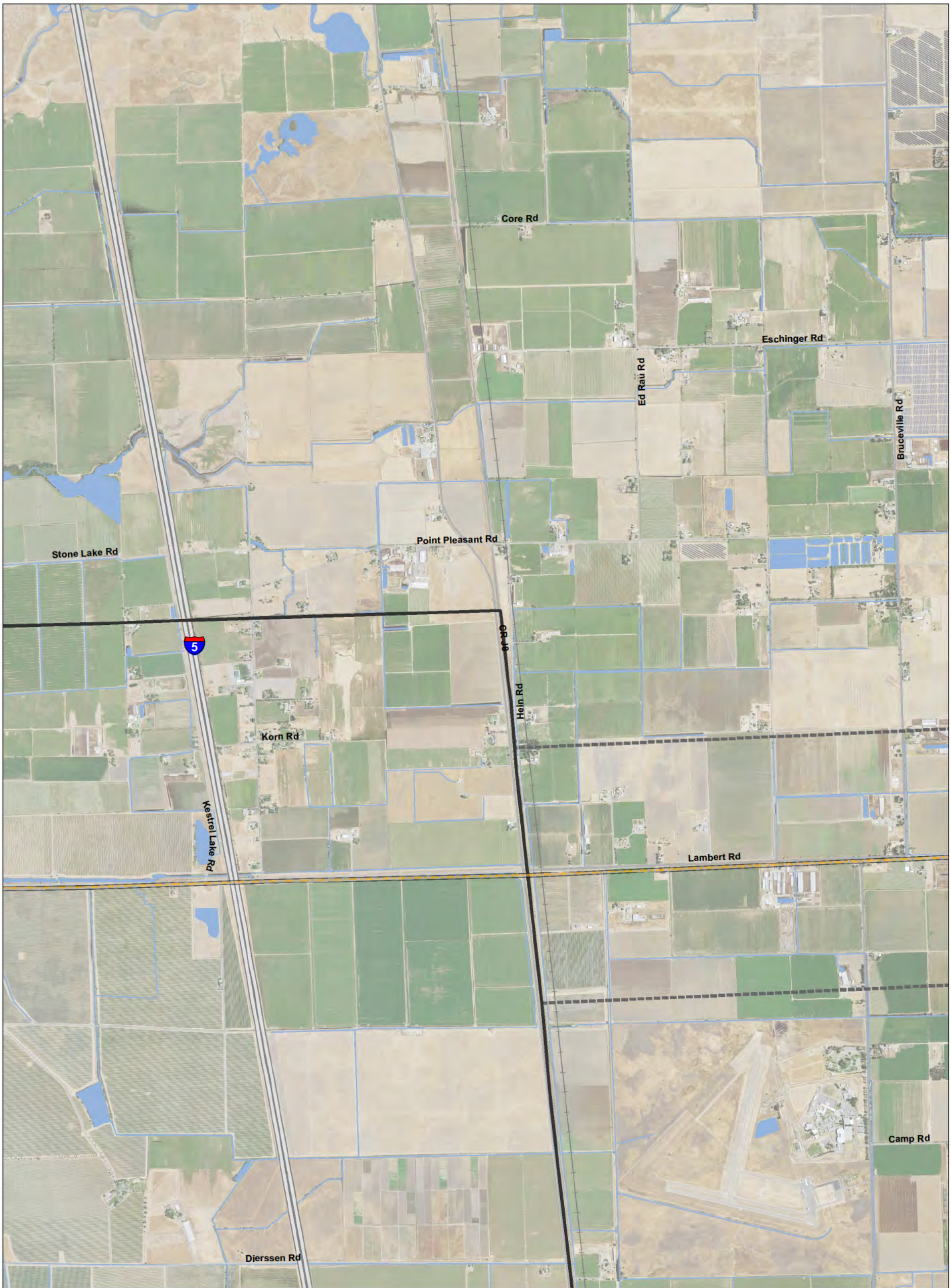
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<ul style="list-style-type: none"> Plan Area Areas of Additional Analysis (Outside of Legal Delta; for Power Only) Interconnection Point Proposed Permanent OH Transmission Line Proposed Temporary OH Transmission Line 	<ul style="list-style-type: none"> Canal Operable Barrier Permanent Access Road Siphon Temporary Access Road Tunnel Tunnel Conveyor 	<ul style="list-style-type: none"> Dredging Forebay Forebay Embankment Forebay Overflow Intake Power Transmission Relocation *Proposed Subsurface Easement **Proposed Permanent Surface Impact 	<ul style="list-style-type: none"> Proposed Temporary Surface Impact Proposed Potential Borrow And/Or Spoil Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Area Fuel Station Concrete Batch Plant Geotech Planning Area 	<p>*Surface impacts are not expected to result from subsurface features.</p> <p>**In-river features are not a permanent impact to navigation.</p> <p>***Surface impacts will only occur at sites selected for geotechnical explorations. See Ch. 3, Section 3.6.1.10 for more information</p>
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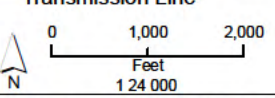
Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 2 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



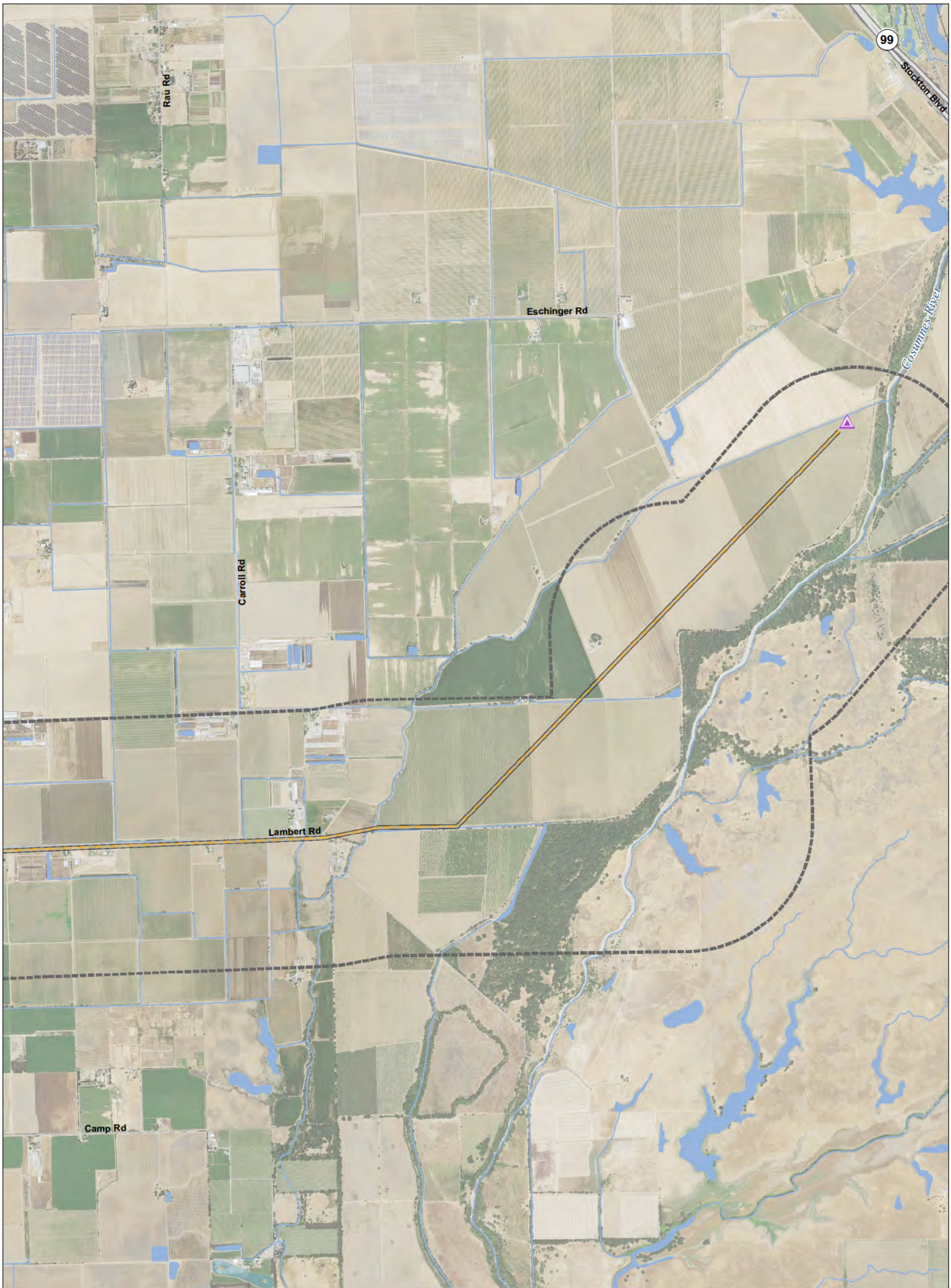
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 3 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



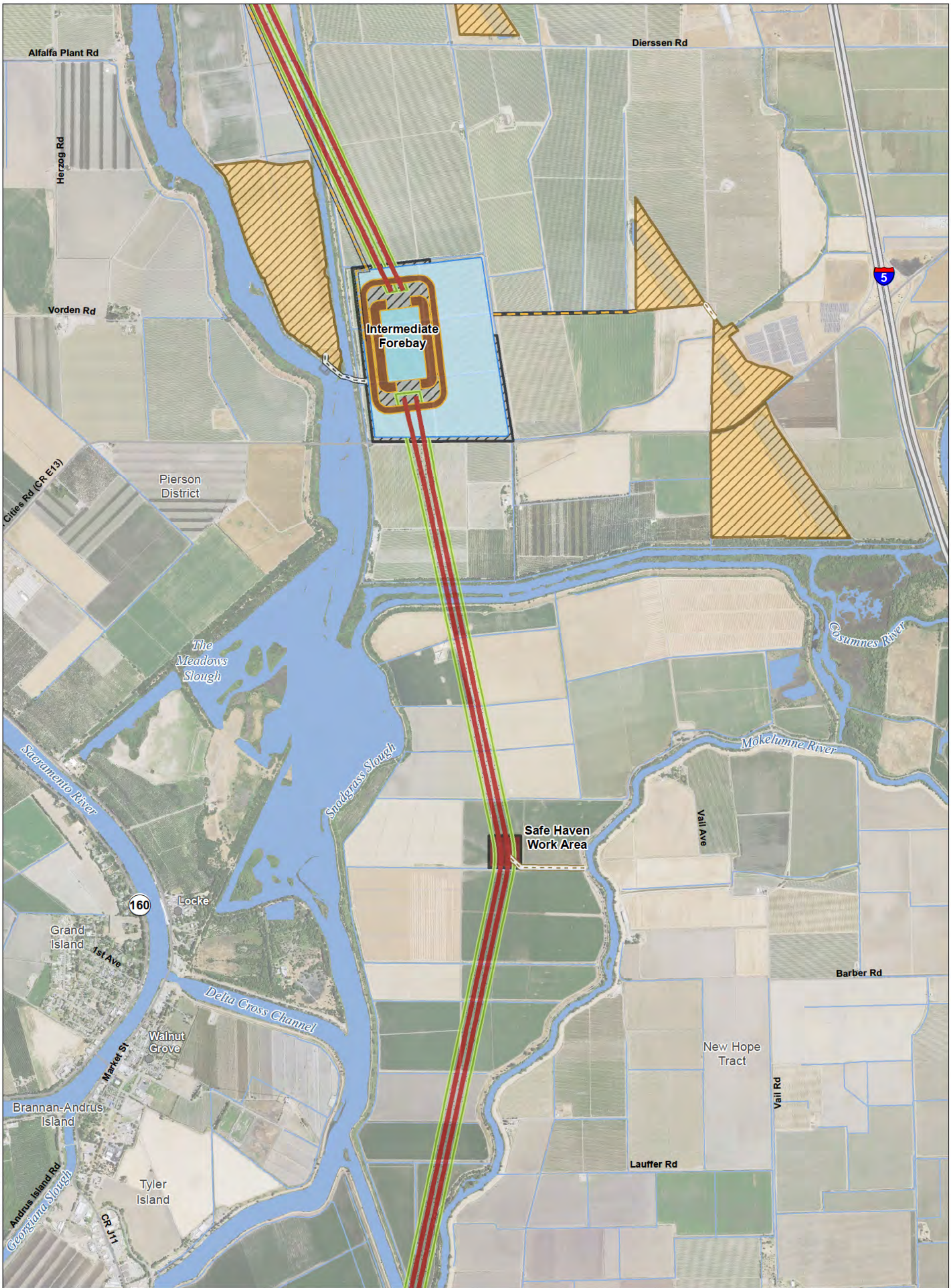
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 4 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 5 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



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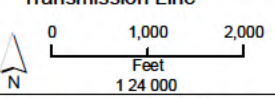
Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 6 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



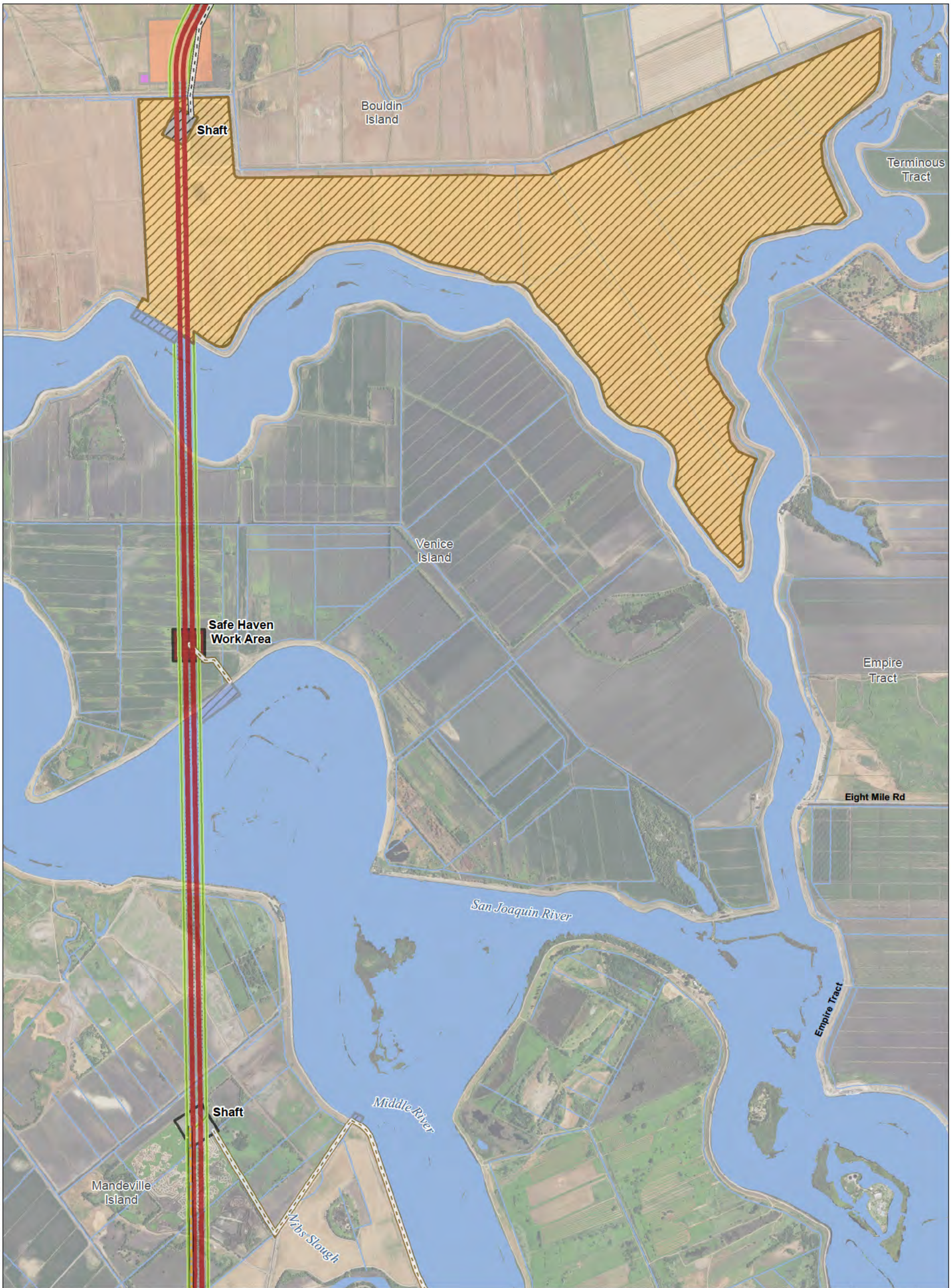
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 7 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



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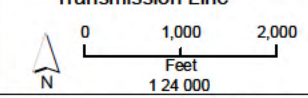
Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 8 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



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<ul style="list-style-type: none"> Plan Area Areas of Additional Analysis (Outside of Legal Delta; for Power Only) Interconnection Point Proposed Permanent OH Transmission Line Proposed Temporary OH Transmission Line 	<ul style="list-style-type: none"> Canal Operable Barrier Permanent Access Road Siphon Temporary Access Road Tunnel Tunnel Conveyor 	<ul style="list-style-type: none"> Dredging Forebay Forebay Embankment Forebay Overflow Intake Power Transmission Relocation *Proposed Subsurface Easement **Proposed Permanent Surface Impact 	<ul style="list-style-type: none"> Proposed Temporary Surface Impact Proposed Potential Borrow And/Or Spoil Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Area Fuel Station Concrete Batch Plant Geotech Planning Area 	<p>*Surface impacts are not expected to result from subsurface features.</p> <p>**In-river features are not a permanent impact to navigation.</p> <p>***Surface impacts will only occur at sites selected for geotechnical explorations. See Ch. 3, Section 3.6.1.10 for more information</p>
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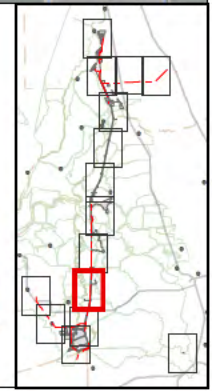
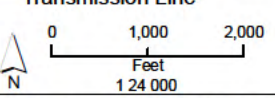
Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 9 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



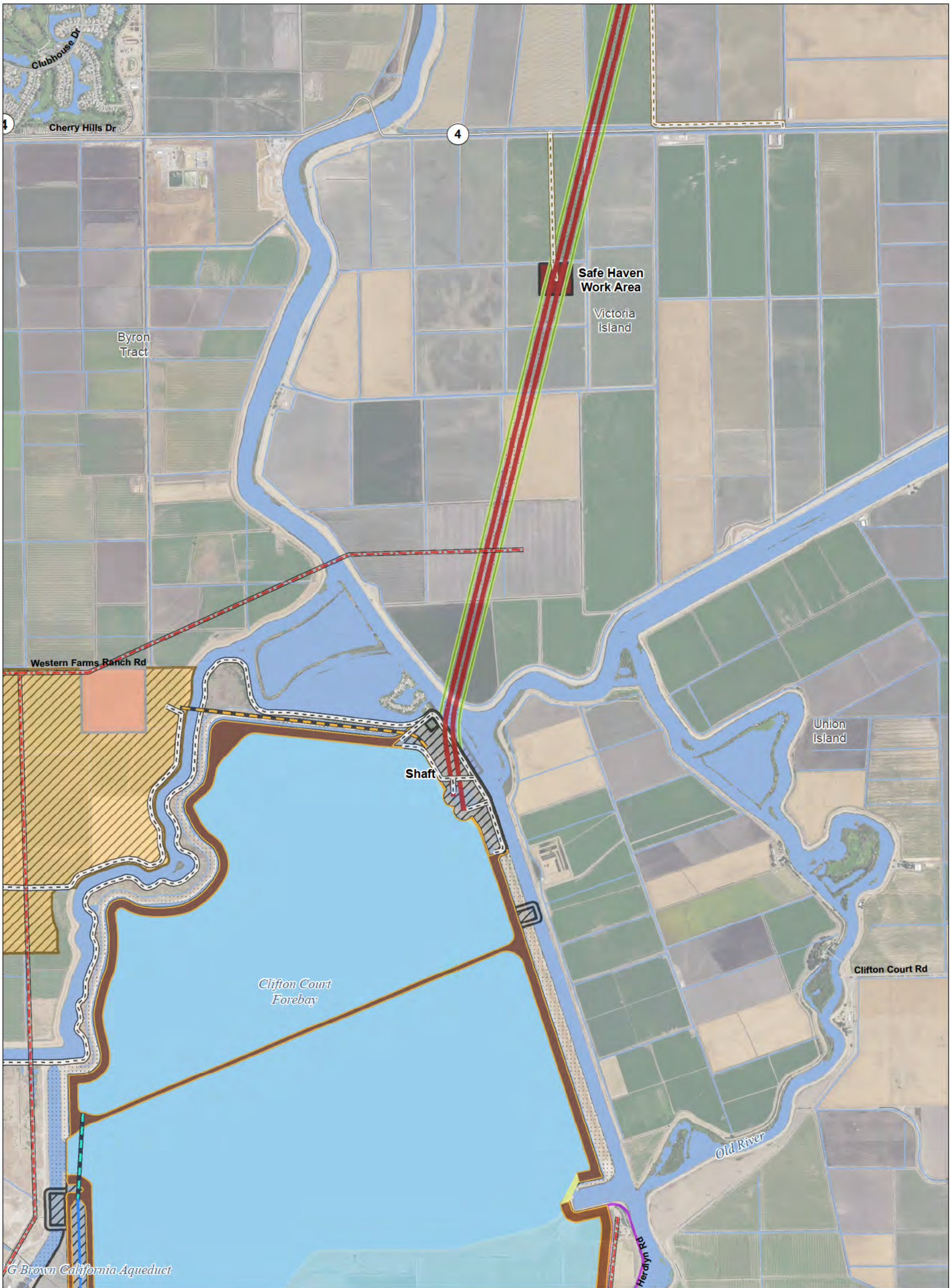
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<ul style="list-style-type: none"> Plan Area Areas of Additional Analysis (Outside of Legal Delta; for Power Only) Interconnection Point Proposed Permanent OH Transmission Line Proposed Temporary OH Transmission Line 	<ul style="list-style-type: none"> Canal Operable Barrier Permanent Access Road Siphon Temporary Access Road Tunnel Tunnel Conveyor 	<ul style="list-style-type: none"> Dredging Forebay Forebay Embankment Forebay Overflow Intake Power Transmission Relocation *Proposed Subsurface Easement **Proposed Permanent Surface Impact 	<ul style="list-style-type: none"> Proposed Temporary Surface Impact Proposed Potential Borrow And/Or Spoil Reusable Tunnel Material Area Barge Unloading Facility Safe Haven Work Area Fuel Station Concrete Batch Plant Geotech Planning Area 	<p>*Surface impacts are not expected to result from subsurface features.</p> <p>**In-river features are not a permanent impact to navigation.</p> <p>***Surface impacts will only occur at sites selected for geotechnical explorations. See Ch. 3, Section 3.6.1.10 for more information</p>
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 10 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



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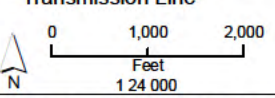
- Plan Area
- Areas of Additional Analysis (Outside of Legal Delta; for Power Only)
- Interconnection Point
- Proposed Permanent OH Transmission Line
- Proposed Temporary OH Transmission Line

- Canal
- Operable Barrier
- Permanent Access Road
- Siphon
- Temporary Access Road
- Tunnel
- Tunnel Conveyor

- Dredging
- Forebay
- Forebay Embankment
- Forebay Overflow
- Intake
- Power Transmission Relocation
- *Proposed Subsurface Easement
- **Proposed Permanent Surface Impact

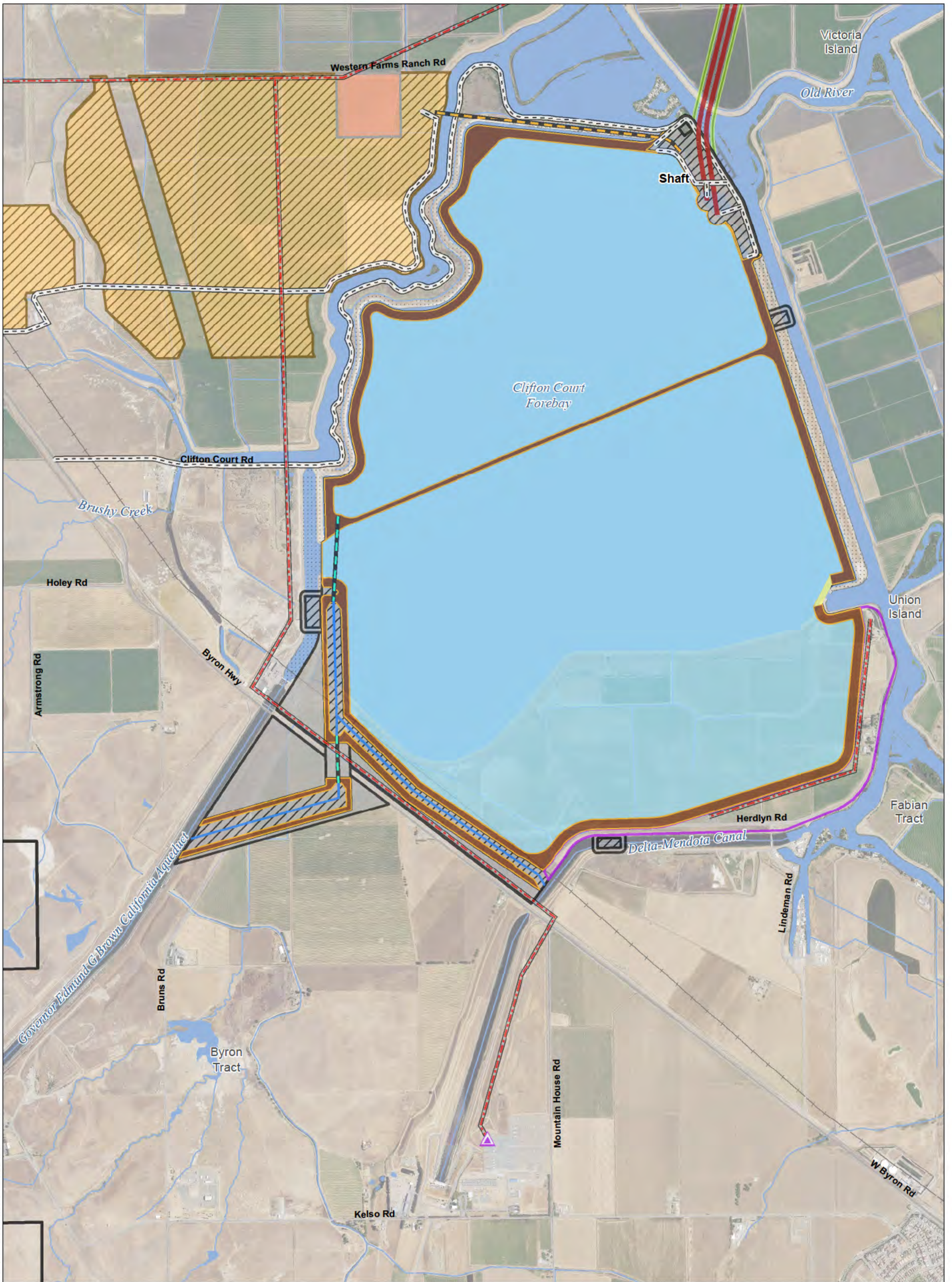
- Proposed Temporary Surface Impact
- Proposed Potential Borrow And/Or Spoil
- Reusable Tunnel Material Area
- Barge Unloading Facility
- Safe Haven Work Area
- Fuel Station
- Concrete Batch Plant
- Geotech Planning Area

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 **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: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

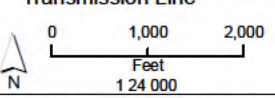
Figure M3-4: Sheet 11 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



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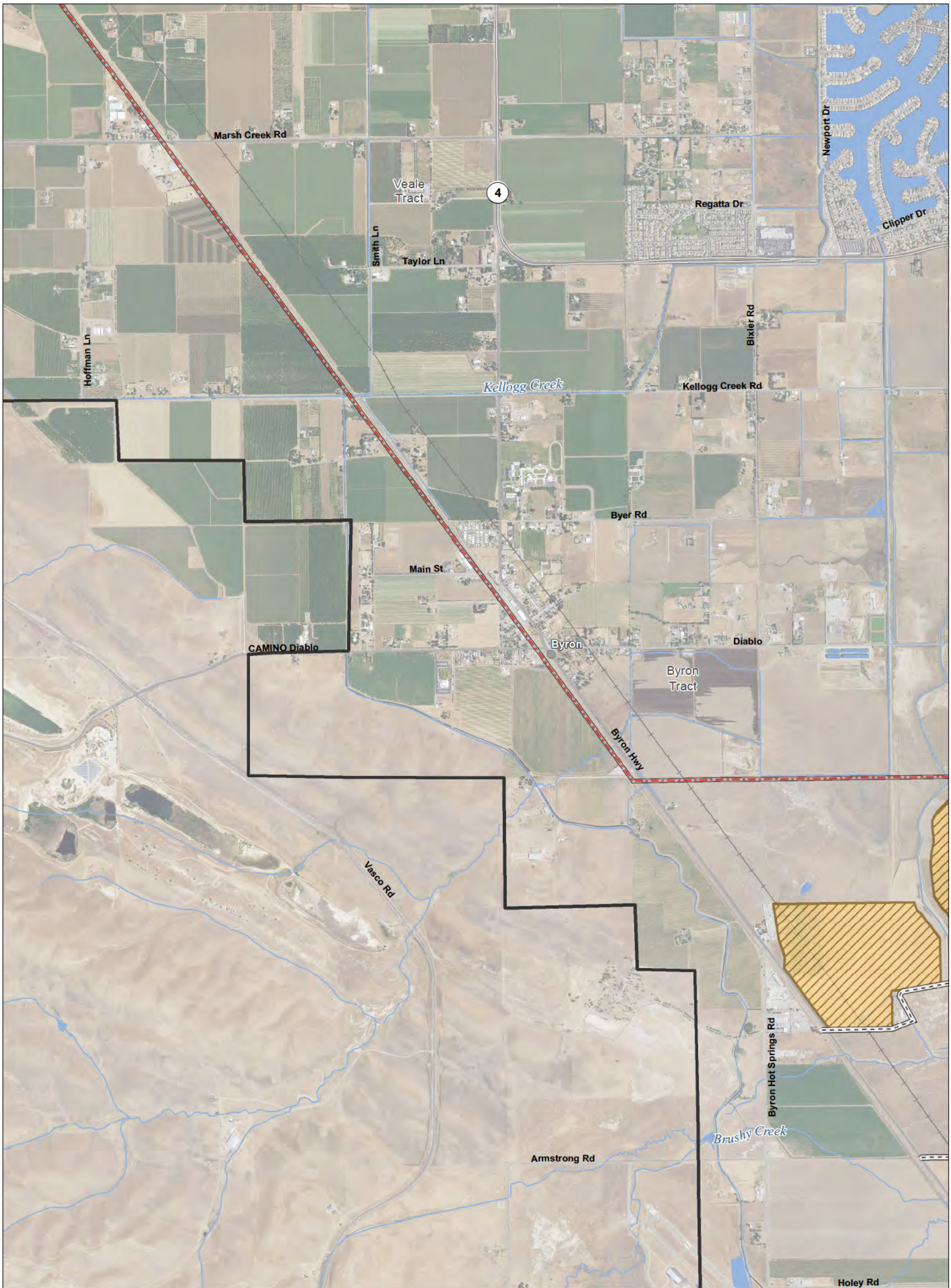
Plan Area	Canal	Dredging	Proposed Temporary Surface Impact
Areas of Additional Analysis (Outside of Legal Delta; for Power Only)	Operable Barrier	Forebay	Proposed Potential Borrow And/Or Spoil
Interconnection Point	Permanent Access Road	Forebay Embankment	Reusable Tunnel Material Area
Proposed Permanent OH Transmission Line	Siphon	Forebay Overflow	Barge Unloading Facility
Proposed Temporary OH Transmission Line	Temporary Access Road	Intake	Safe Haven Work Area
	Tunnel	Power Transmission Relocation	Fuel Station
	Tunnel Conveyor	*Proposed Subsurface Easement	Concrete Batch Plant
		**Proposed Permanent Surface Impact	Geotech Planning Area

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 **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



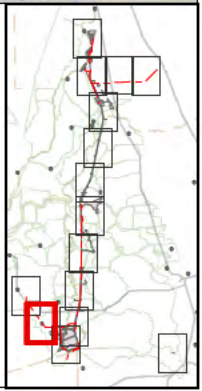
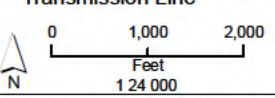
Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

**Figure M3-4: Sheet 12 of 15
Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)**



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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

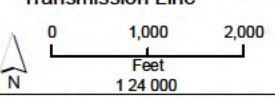
Figure M3-4: Sheet 13 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



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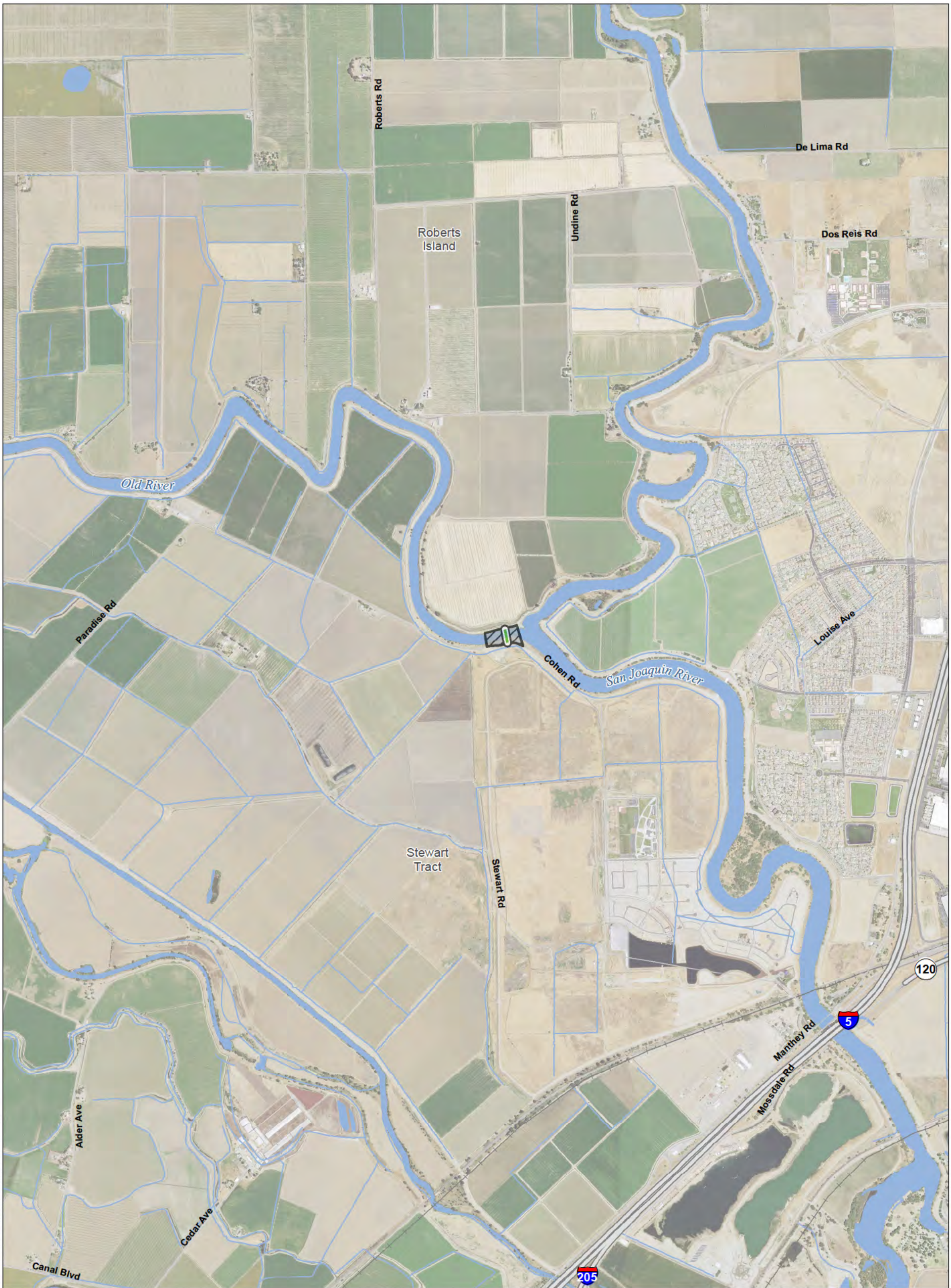
Plan Area	Canal	Dredging	Proposed Temporary Surface Impact
Areas of Additional Analysis (Outside of Legal Delta; for Power Only)	Operable Barrier	Forebay	Proposed Potential Borrow And/Or Spoil
Interconnection Point	Permanent Access Road	Forebay Embankment	Reusable Tunnel Material Area
Proposed Permanent OH Transmission Line	Siphon	Forebay Overflow	Barge Unloading Facility
Proposed Temporary OH Transmission Line	Temporary Access Road	Intake	Safe Haven Work Area
	Tunnel	Power Transmission Relocation	Fuel Station
	Tunnel Conveyor	*Proposed Subsurface Easement	Concrete Batch Plant
		**Proposed Permanent Surface Impact	Geotech Planning Area

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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

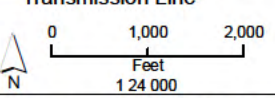
Figure M3-4: Sheet 14 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



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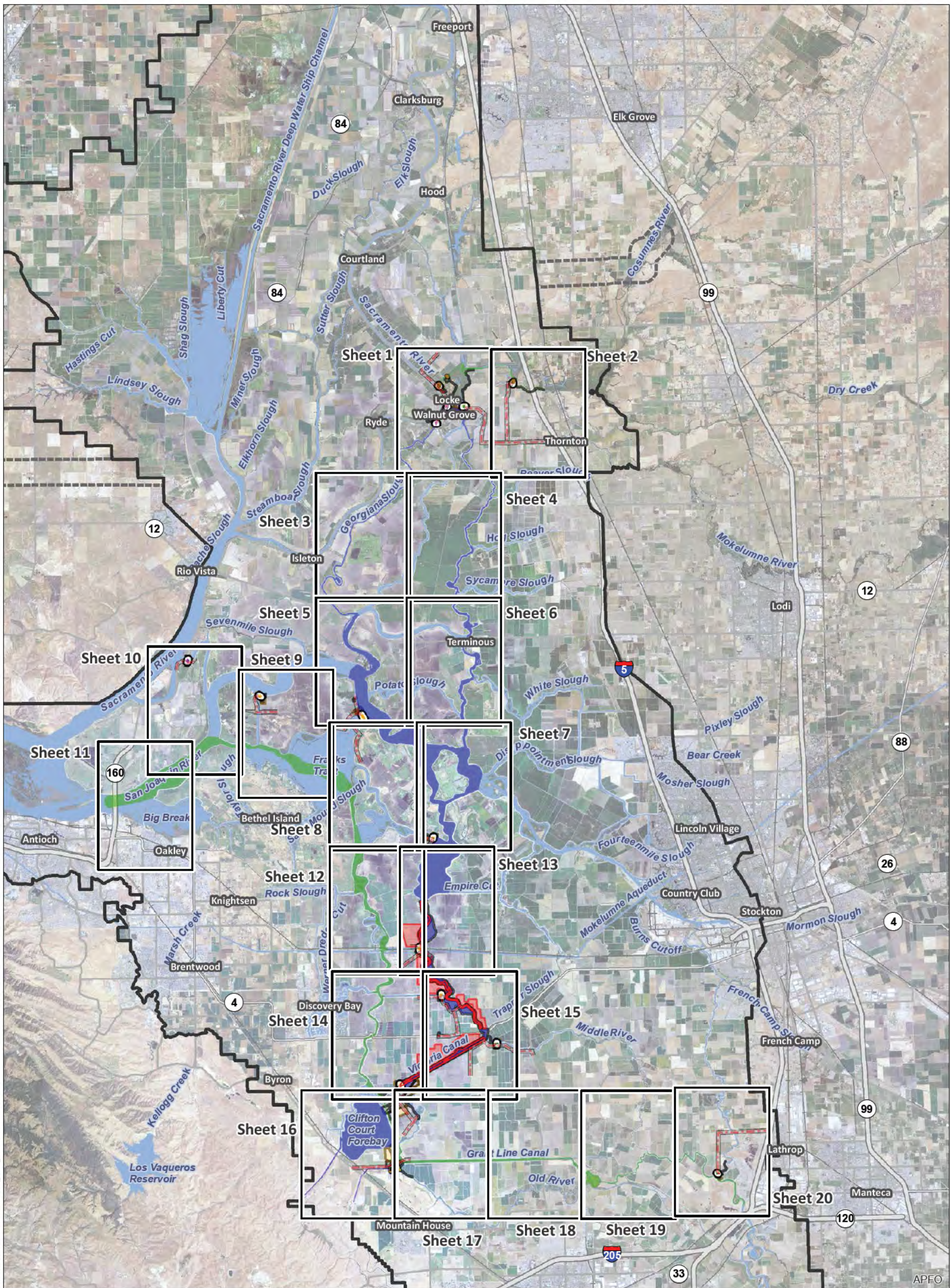
Plan Area	Canal	Dredging	Proposed Temporary Surface Impact
Areas of Additional Analysis (Outside of Legal Delta; for Power Only)	Operable Barrier	Forebay	Proposed Potential Borrow And/Or Spoil
Interconnection Point	Permanent Access Road	Forebay Embankment	Reusable Tunnel Material Area
Proposed Permanent OH Transmission Line	Siphon	Forebay Overflow	Barge Unloading Facility
Proposed Temporary OH Transmission Line	Temporary Access Road	Intake	Safe Haven Work Area
	Tunnel	Power Transmission Relocation	Fuel Station
	Tunnel Conveyor	*Proposed Subsurface Easement	Concrete Batch Plant
		**Proposed Permanent Surface Impact	Geotech Planning Area

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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 5a); NA P 2014

Figure M3-4: Sheet 15 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4, 4A)



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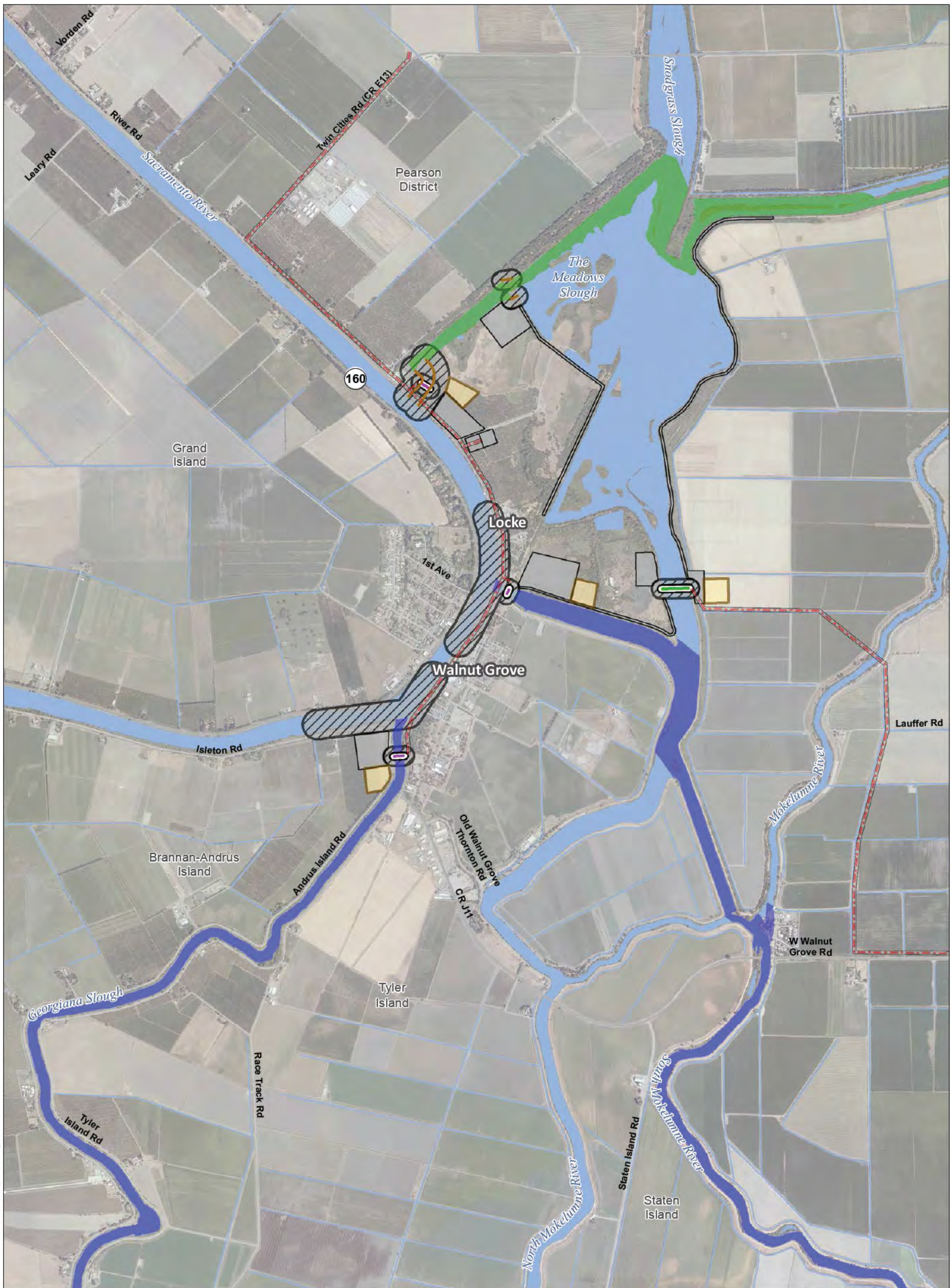
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Interstate	Permanent OH Transmission Lines	Canal Fill	Borrow and/or Spoil
State Highway/Route	Channel Connection	Dredging	Spoil Area
Railroad	On-Channel Levee at New Channel	Control Structure	Right of Way
Plan Area	Operable Barrier Type 1	Pumping Plant	Temporary Surface Impact
Areas of Additional Analysis (Outside of Legal Delta; for Power Only)	Operable Barrier Type 2	Water Supply Corridor	
Water	Operable Barrier Type 3	Fish Movement Corridor	

*Surface impacts are not expected to result from subsurface features. **In-river features are not a permanent impact to navigation.



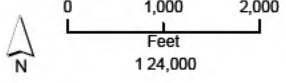
Figure M3-5: Index Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

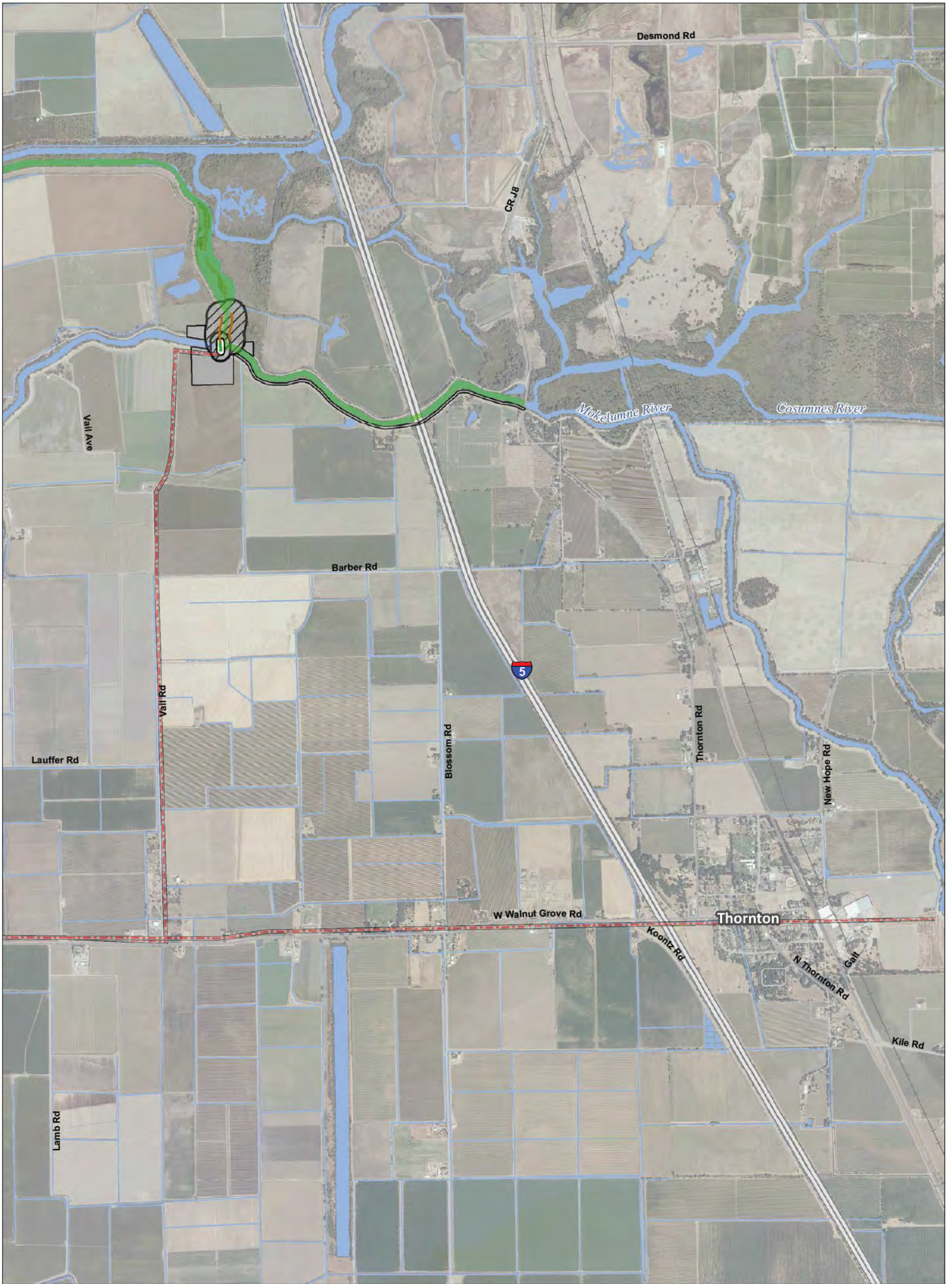


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

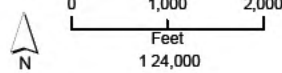
Figure M3-5: Sheet 1 of 20 Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta, for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

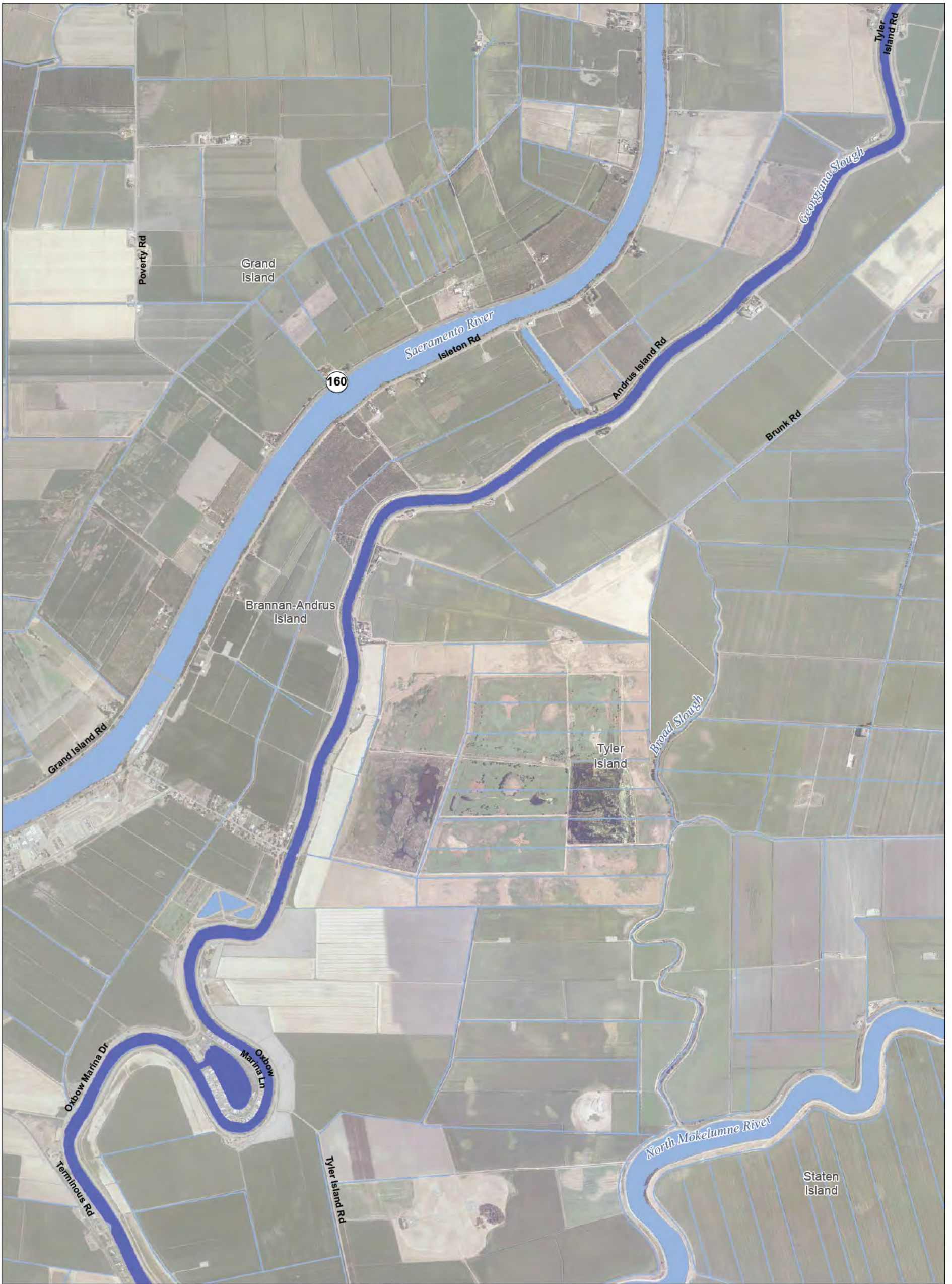


*Surface impacts are not expected to result from subsurface features.
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

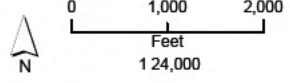
**Figure M3-5: Sheet 2 of 20
 Through Delta / Separate Corridors**



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |



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 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

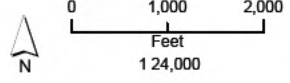
Figure M3-5: Sheet 3 of 20 Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |



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 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

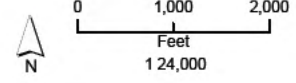
Figure M3-5: Sheet 4 of 20 Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

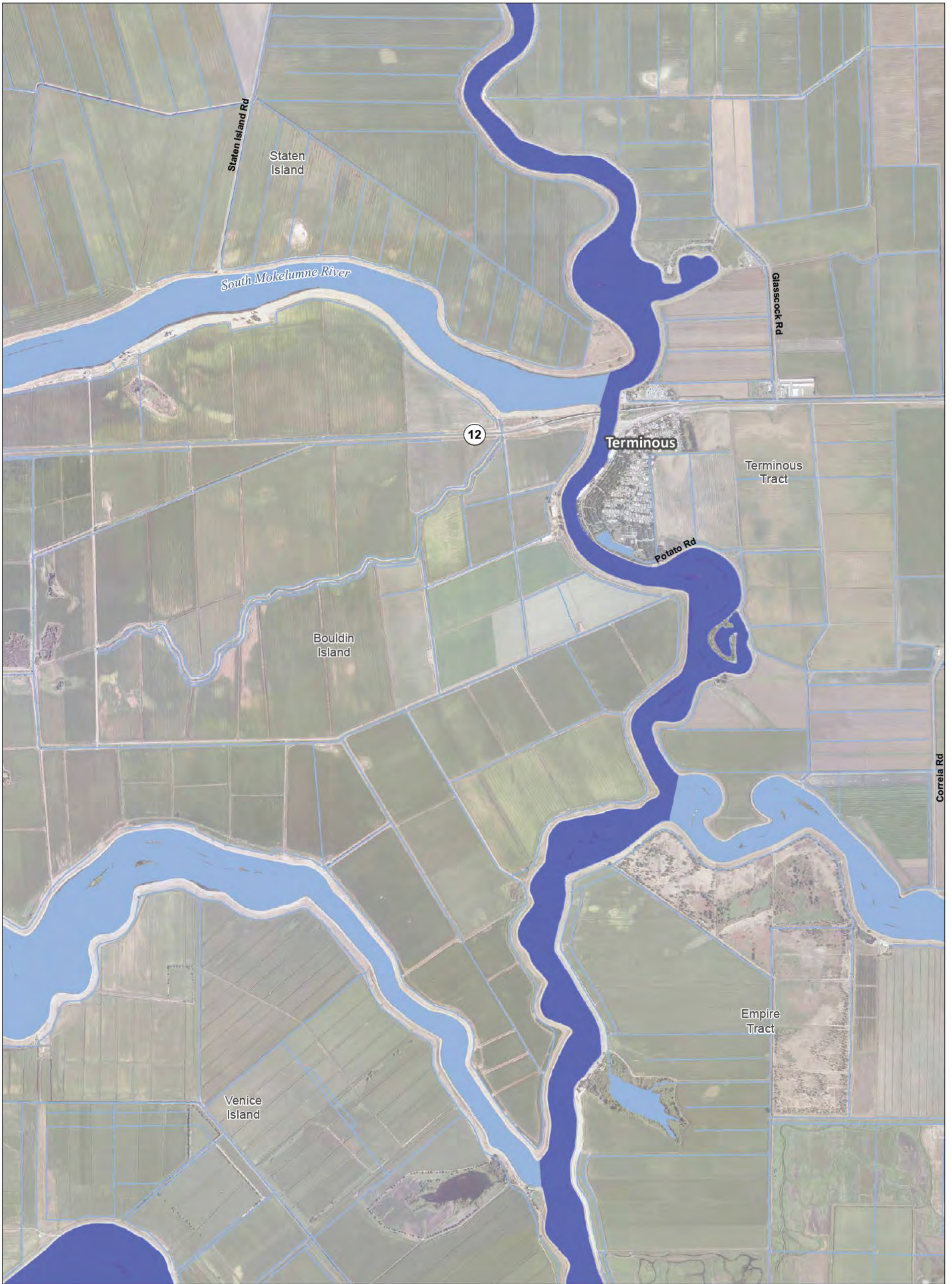


*Surface impacts are not expected to result from subsurface features.
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

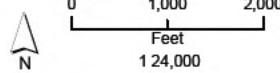
Figure M3-5: Sheet 5 of 20 Through Delta / Separate Corridors



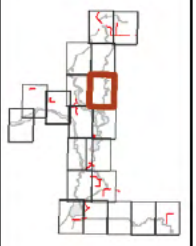
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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

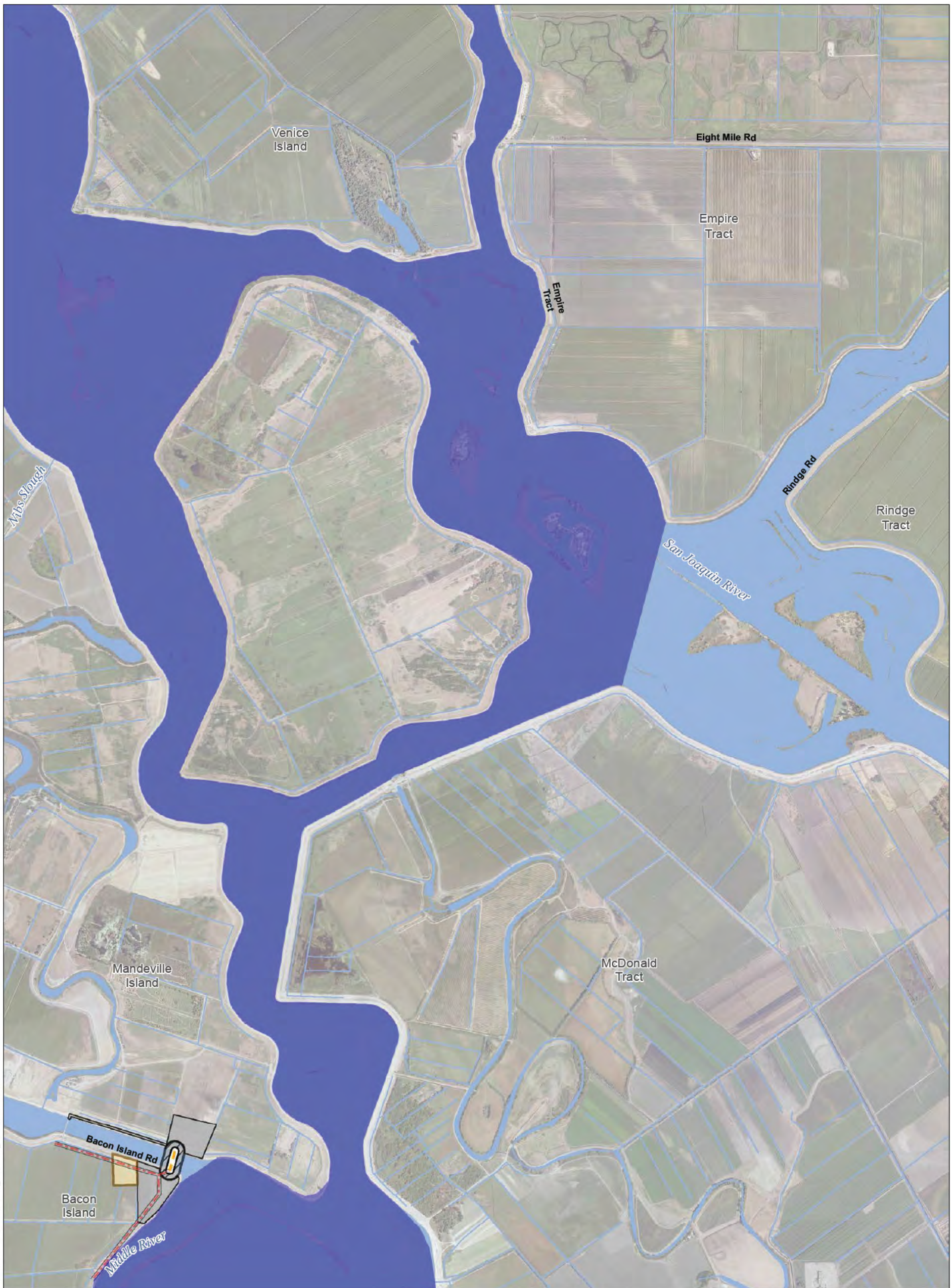


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

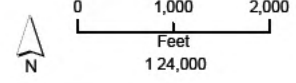
**Figure M3-5: Sheet 6 of 20
Through Delta / Separate Corridors**



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |



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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

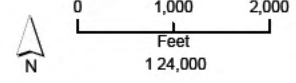
Figure M3-5: Sheet 7 of 20 Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |



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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

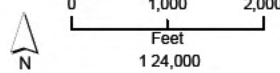
Figure M3-5: Sheet 8 of 20 Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |



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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

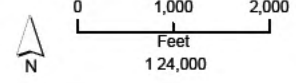
Figure M3-5: Sheet 9 of 20 Through Delta / Separate Corridors



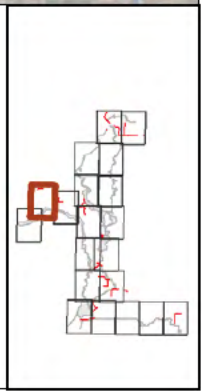
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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

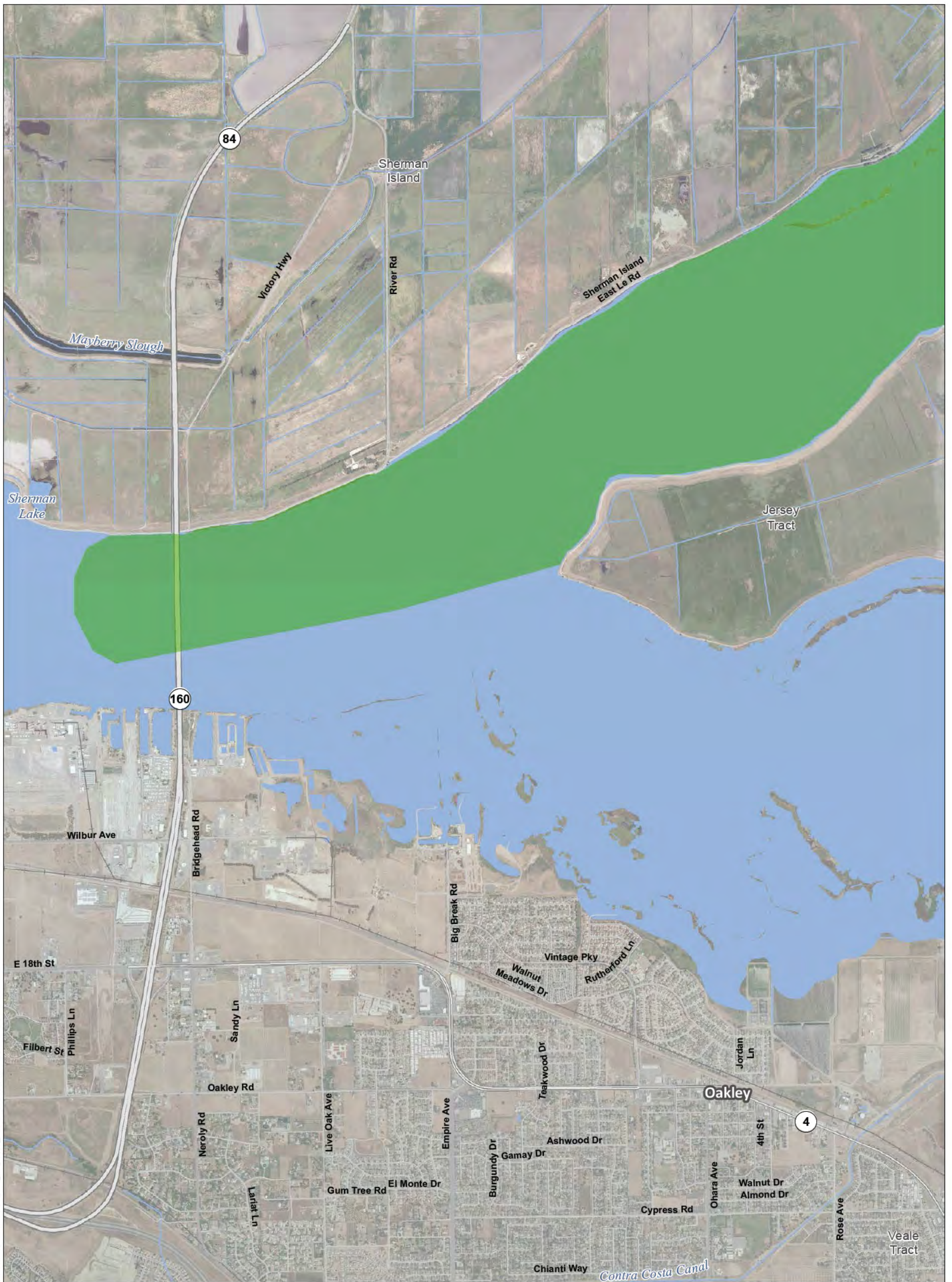


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 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

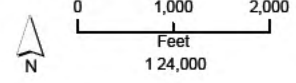
Figure M3-5: Sheet 10 of 20 Through Delta / Separate Corridors



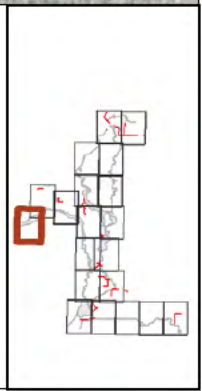
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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

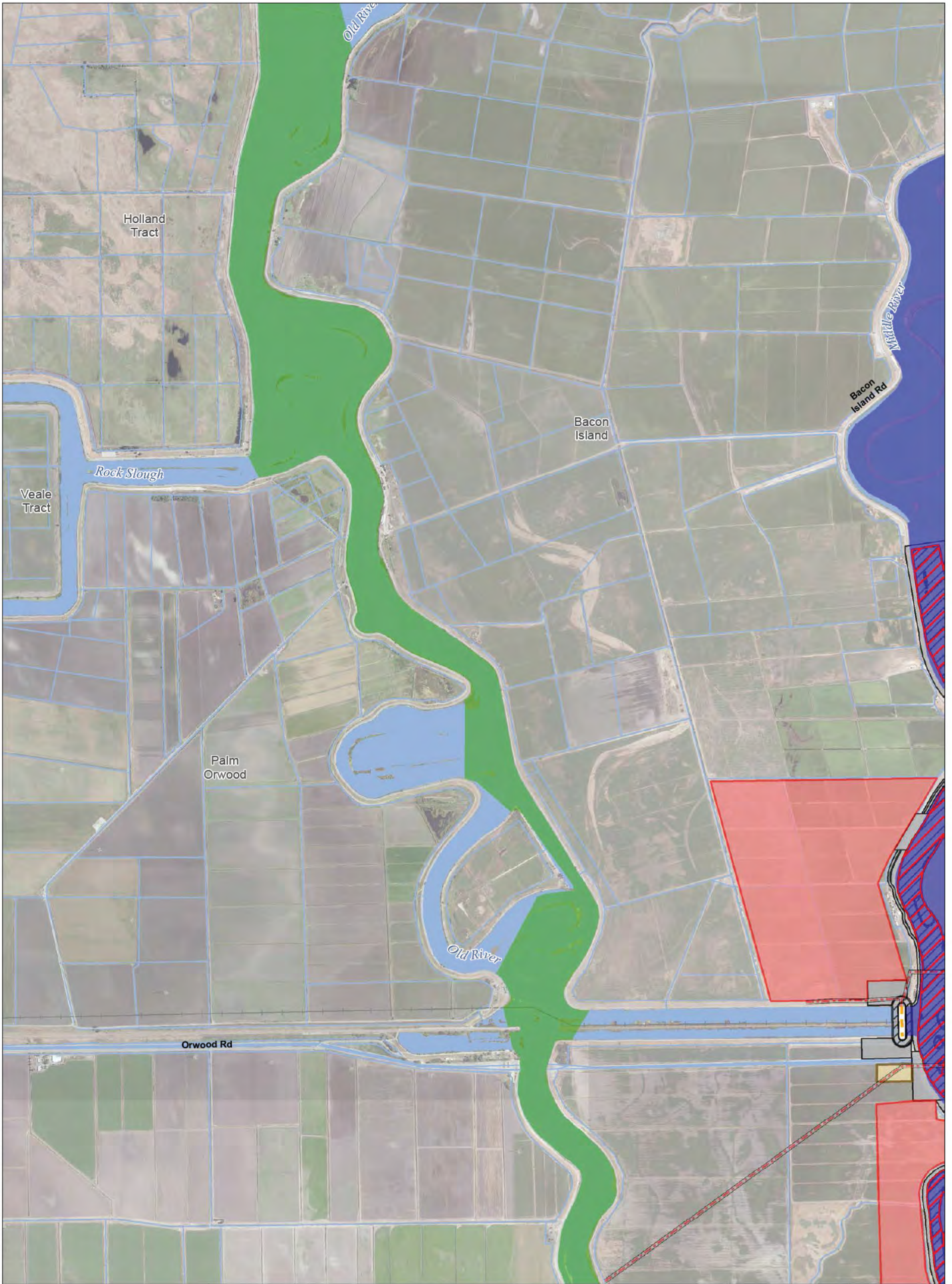


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

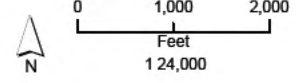
Figure M3-5: Sheet 11 of 20 Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

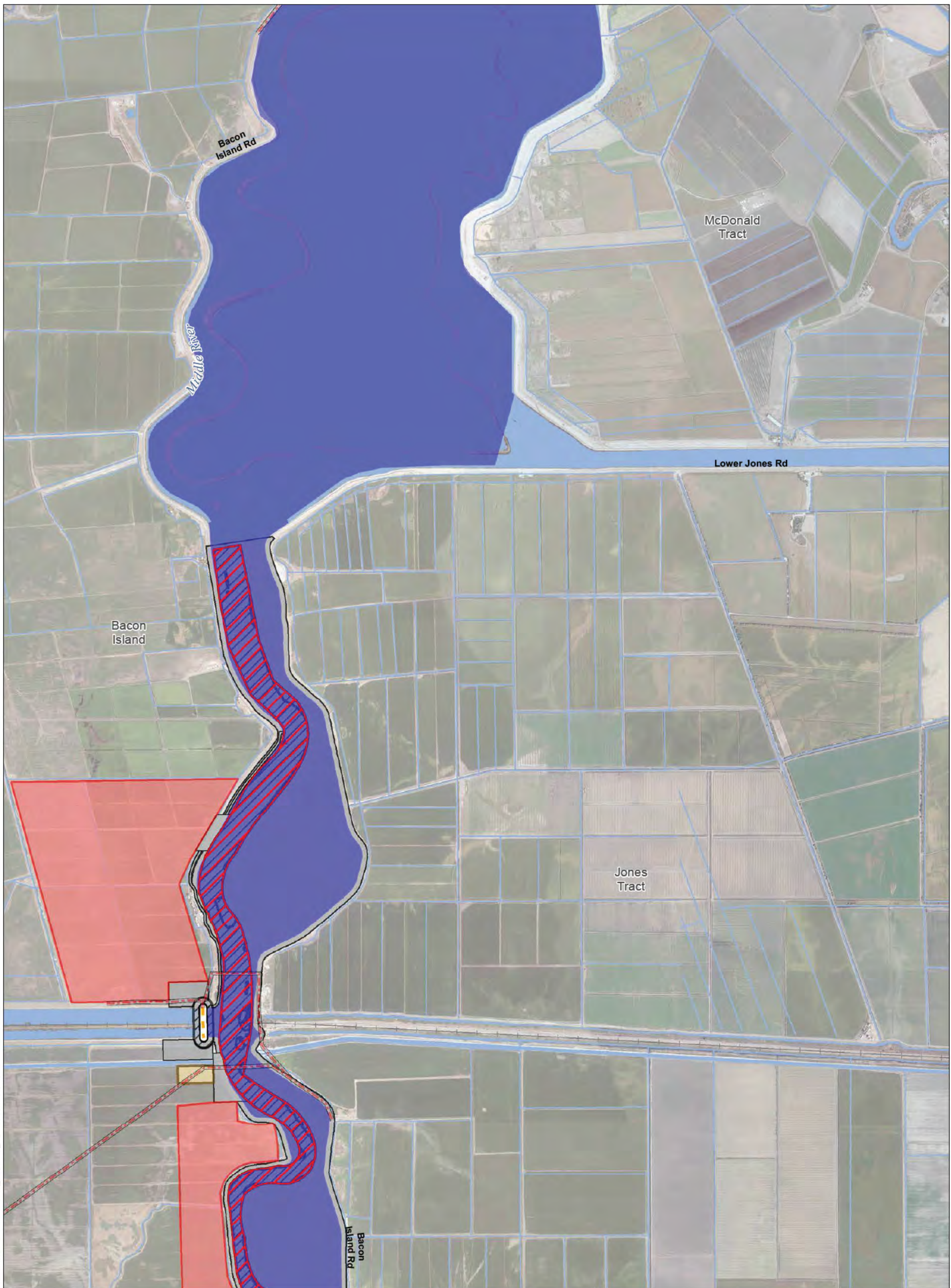


*Surface impacts are not expected to result from subsurface features.
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

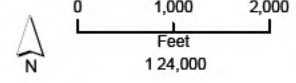
Figure M3-5: Sheet 12 of 20 Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

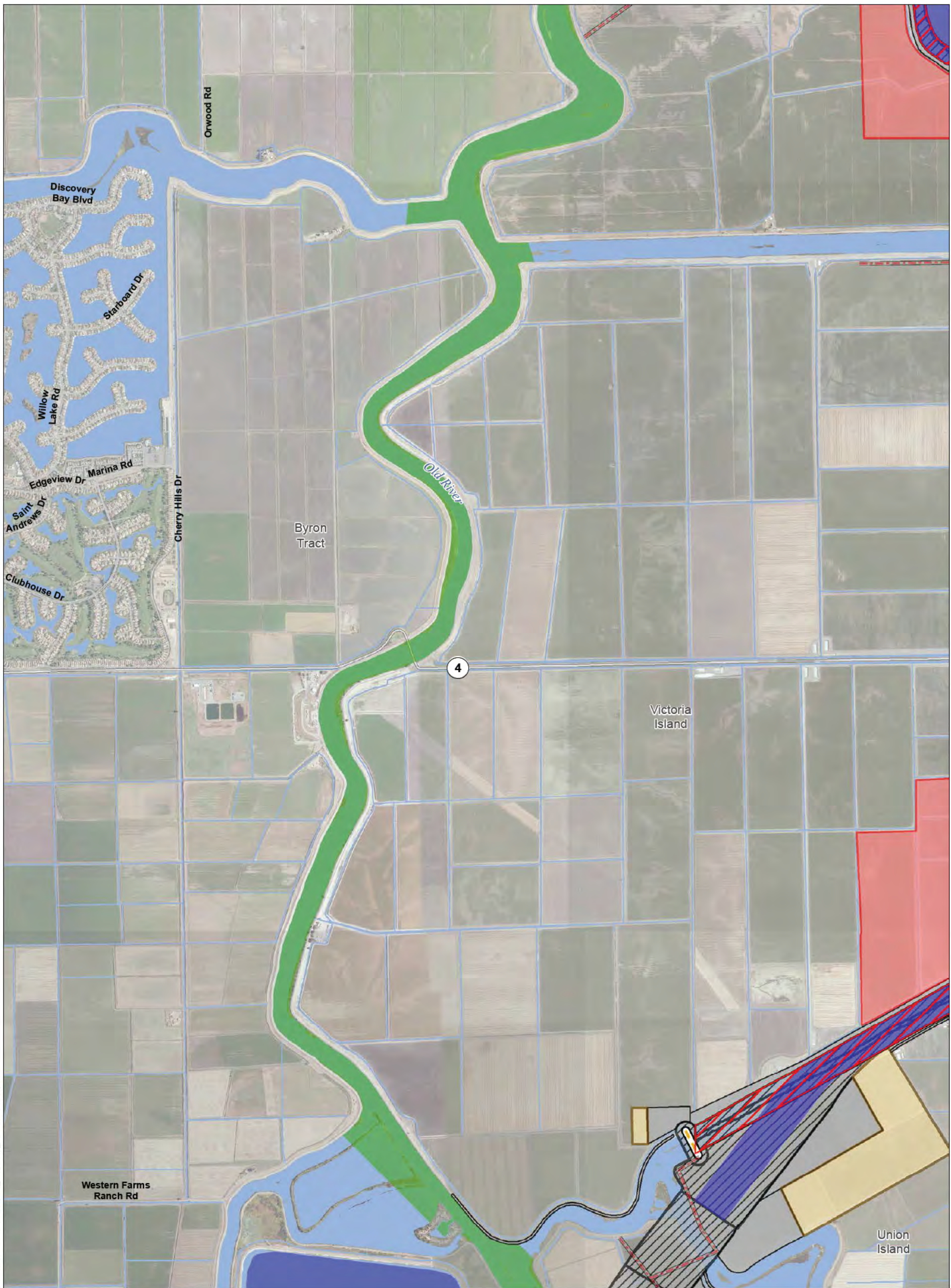


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

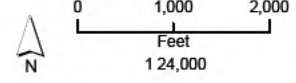
Figure M3-5: Sheet 13 of 20 Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

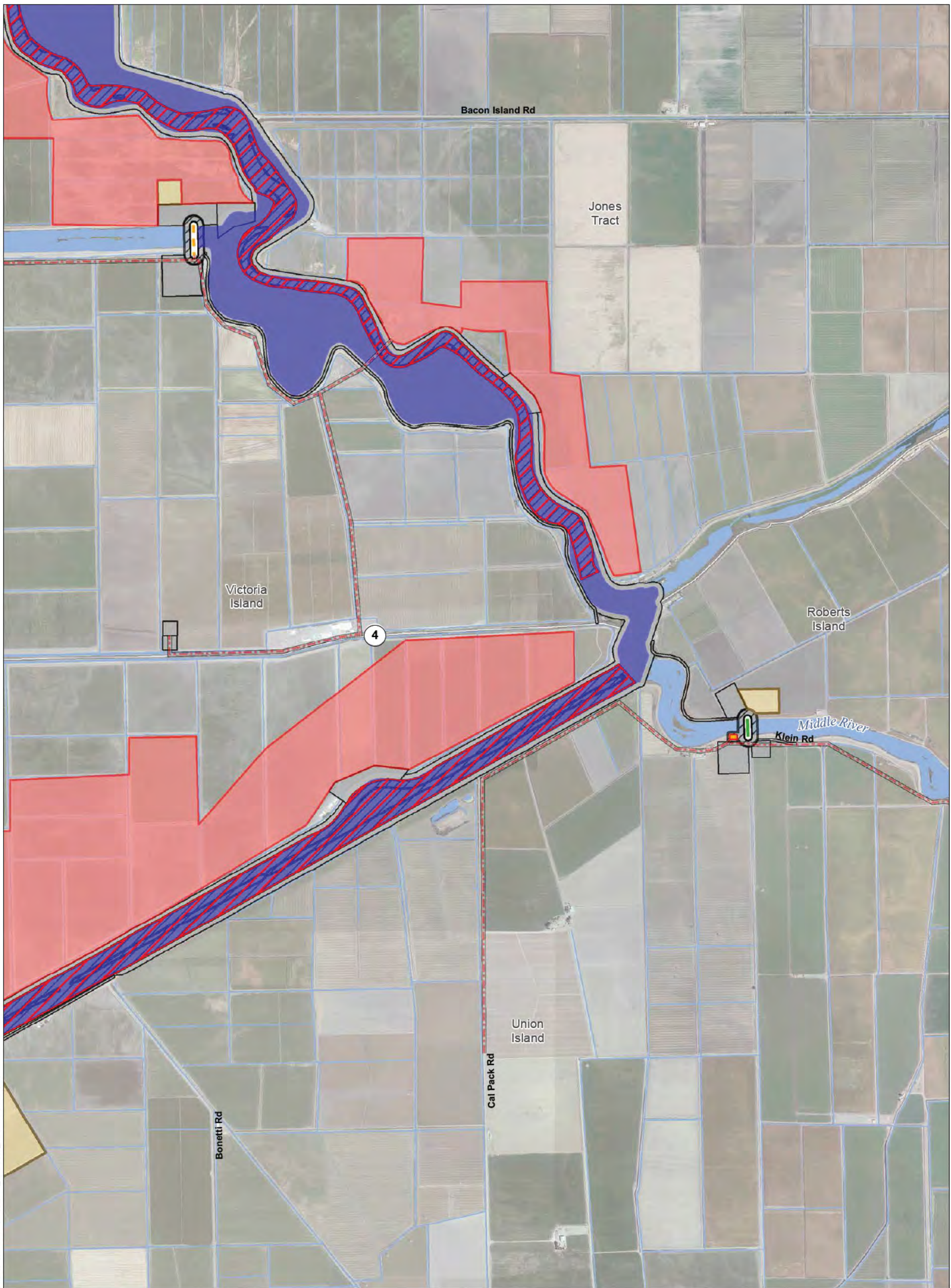


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

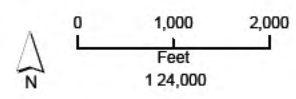
Figure M3-5: Sheet 14 of 20 Through Delta / Separate Corridors



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| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment
(Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

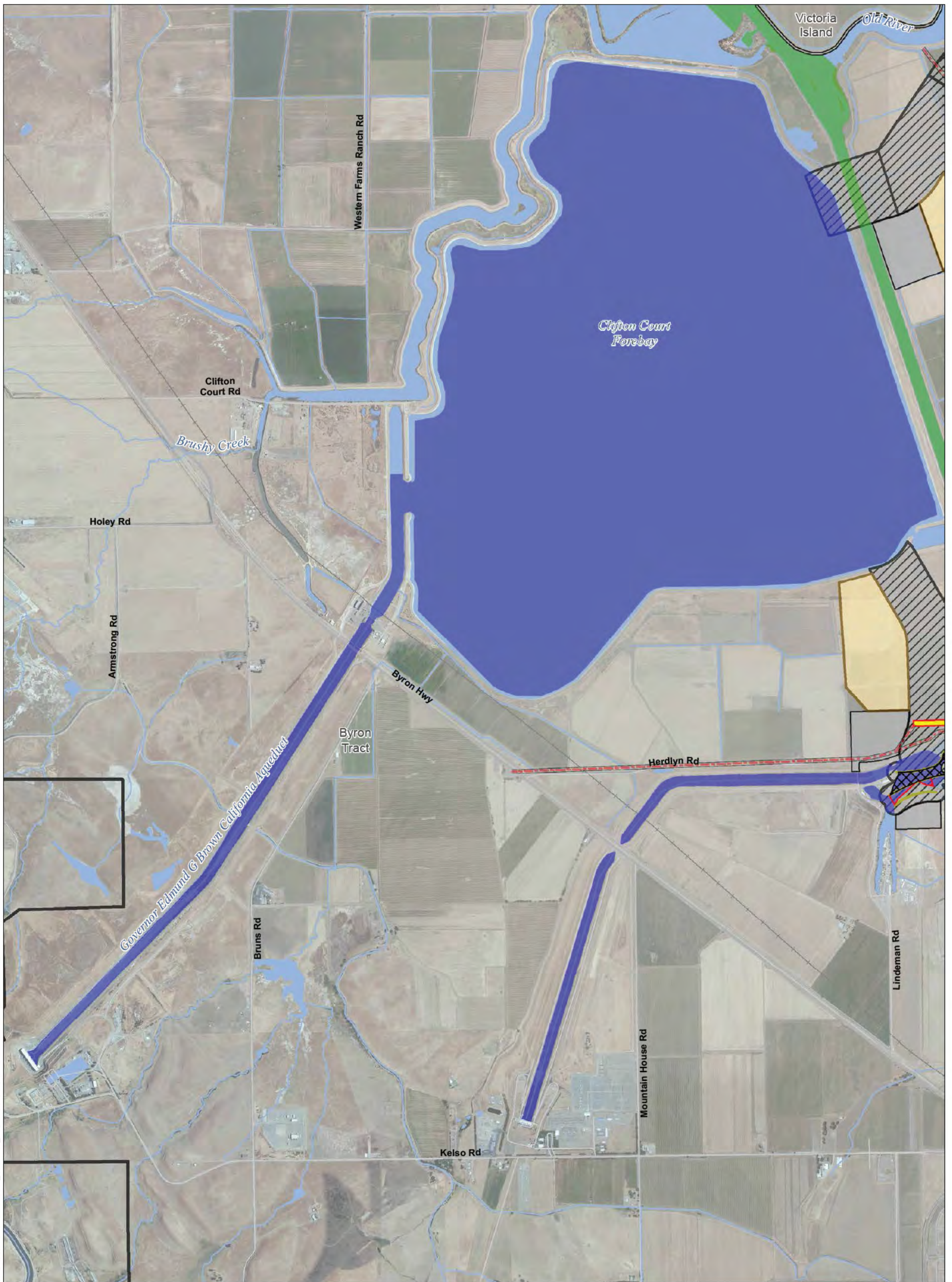


*Surface impacts are not expected to result from subsurface features.
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

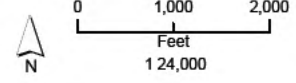
**Figure M3-5: Sheet 15 of 20
Through Delta / Separate Corridors**



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

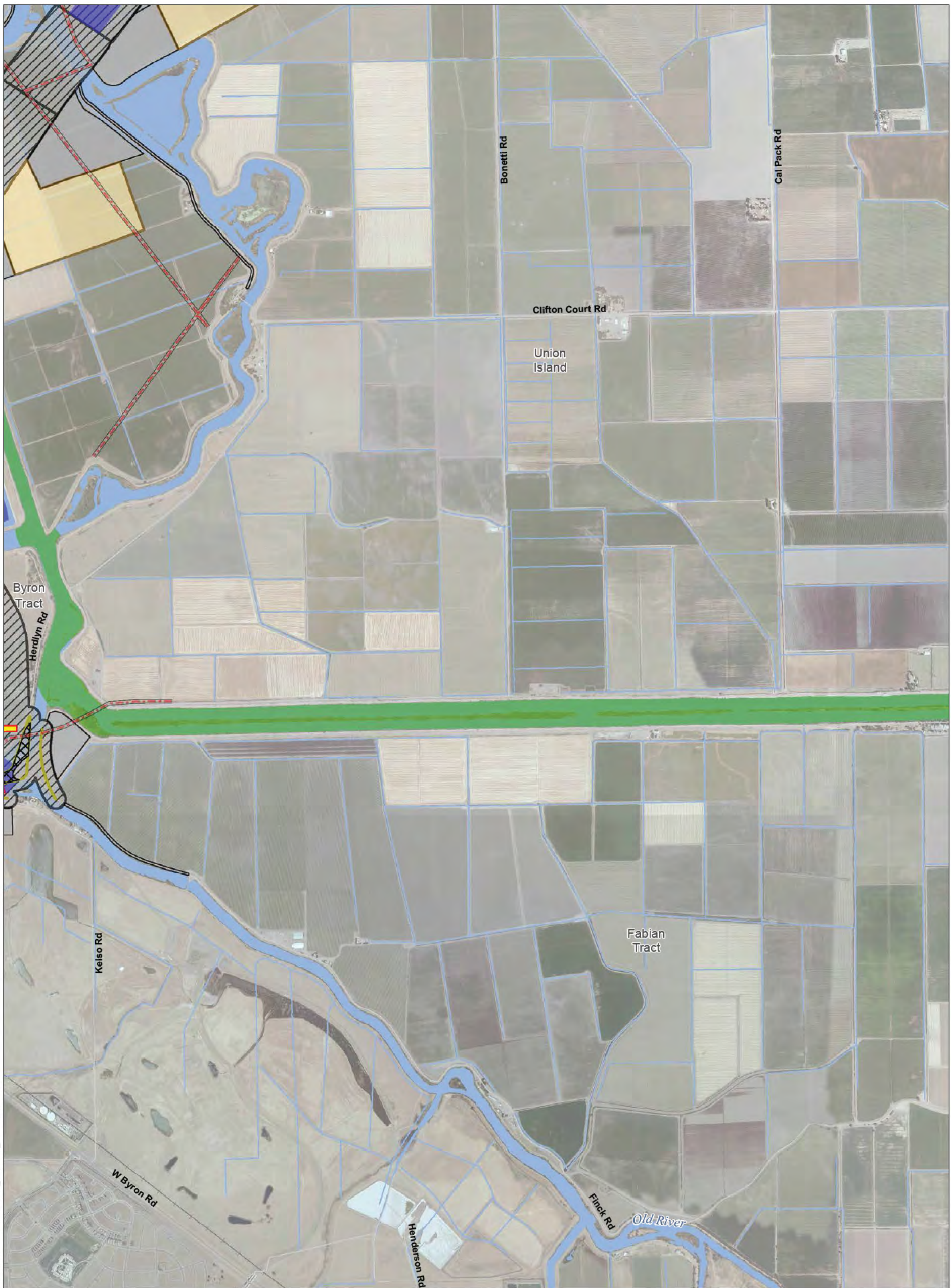


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

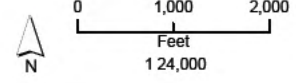
Figure M3-5: Sheet 16 of 20 Through Delta / Separate Corridors



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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |



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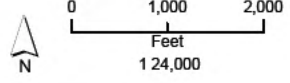
Figure M3-5: Sheet 17 of 20 Through Delta / Separate Corridors



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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |

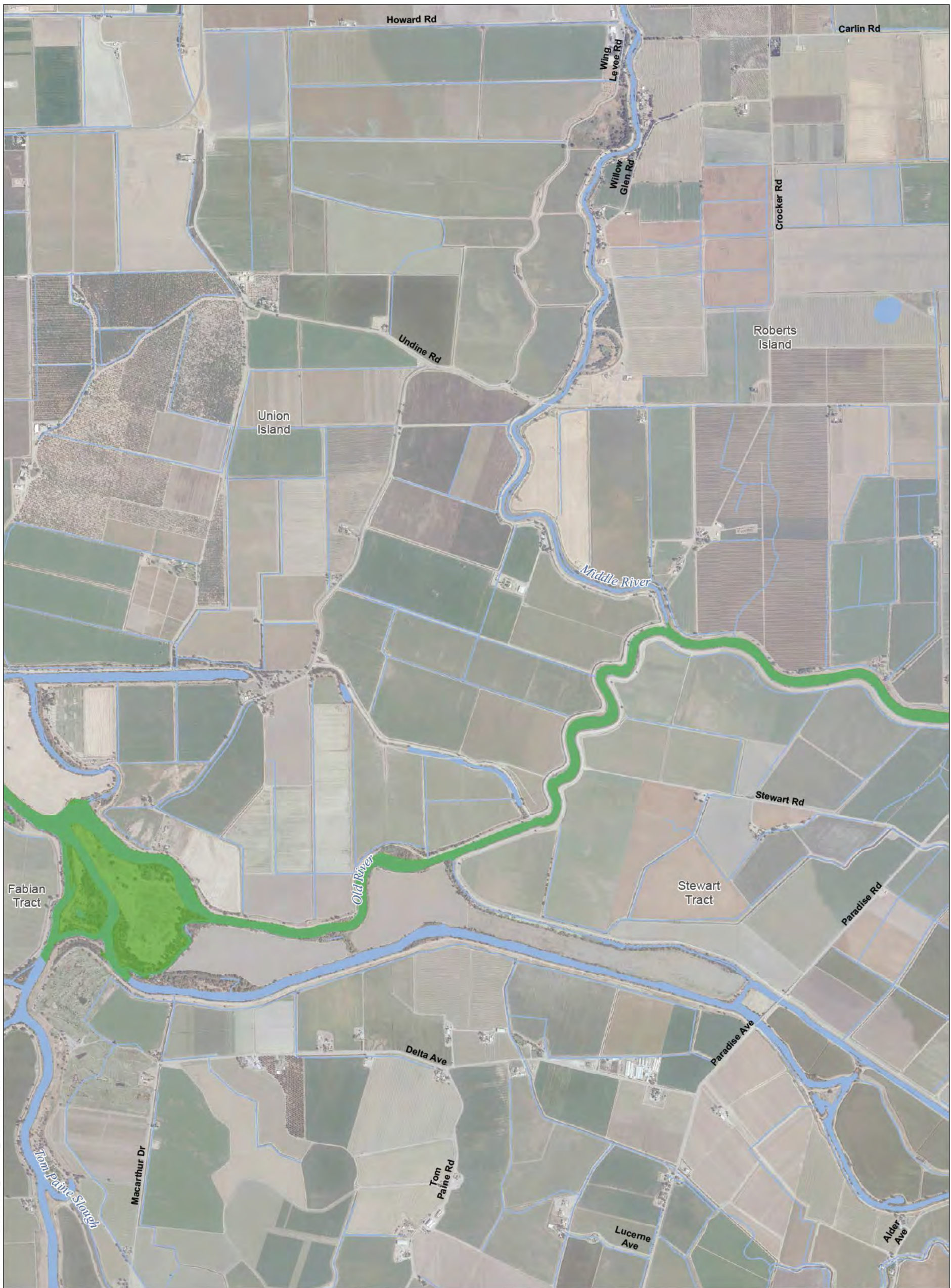


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

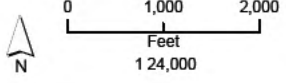
Figure M3-5: Sheet 18 of 20 Through Delta / Separate Corridors



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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |



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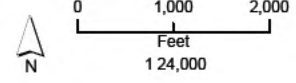
Figure M3-5: Sheet 19 of 20 Through Delta / Separate Corridors



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Legend

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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for Power Only) | Operable Barrier Type 1 | Control Structure | Spoil Area |
| Proposed Permanent OH Transmission Lines | Operable Barrier Type 2 | Pumping Plant | Right of Way |
| Channel Connection | Operable Barrier Type 3 | Water Supply Corridor | Temporary Surface Impact |
| | Canal Fill | Fish Movement Corridor | |



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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering SCO (rev3b); NAIP 2010

Figure M3-5: Sheet 20 of 20 Through Delta / Separate Corridors