

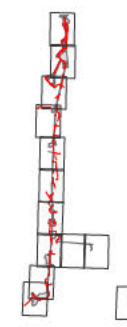
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Legend

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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 | |

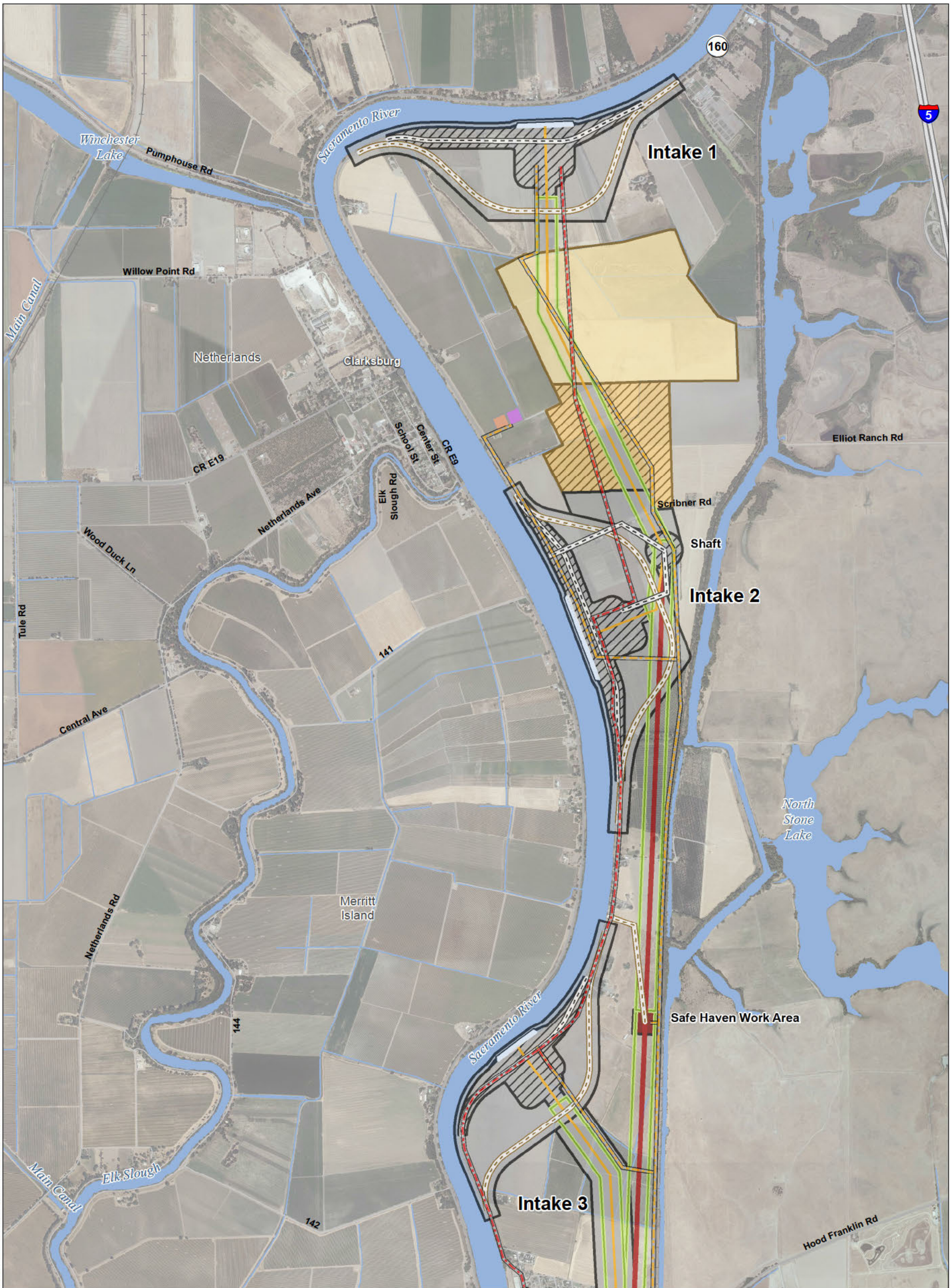
*Surface impacts are not expected to result from subsurface features.

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



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

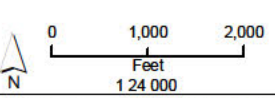
Figure M3-1: Index Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)



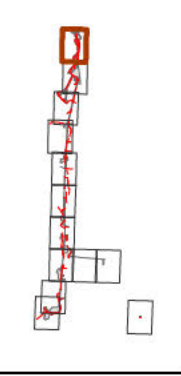
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Legend

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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 |

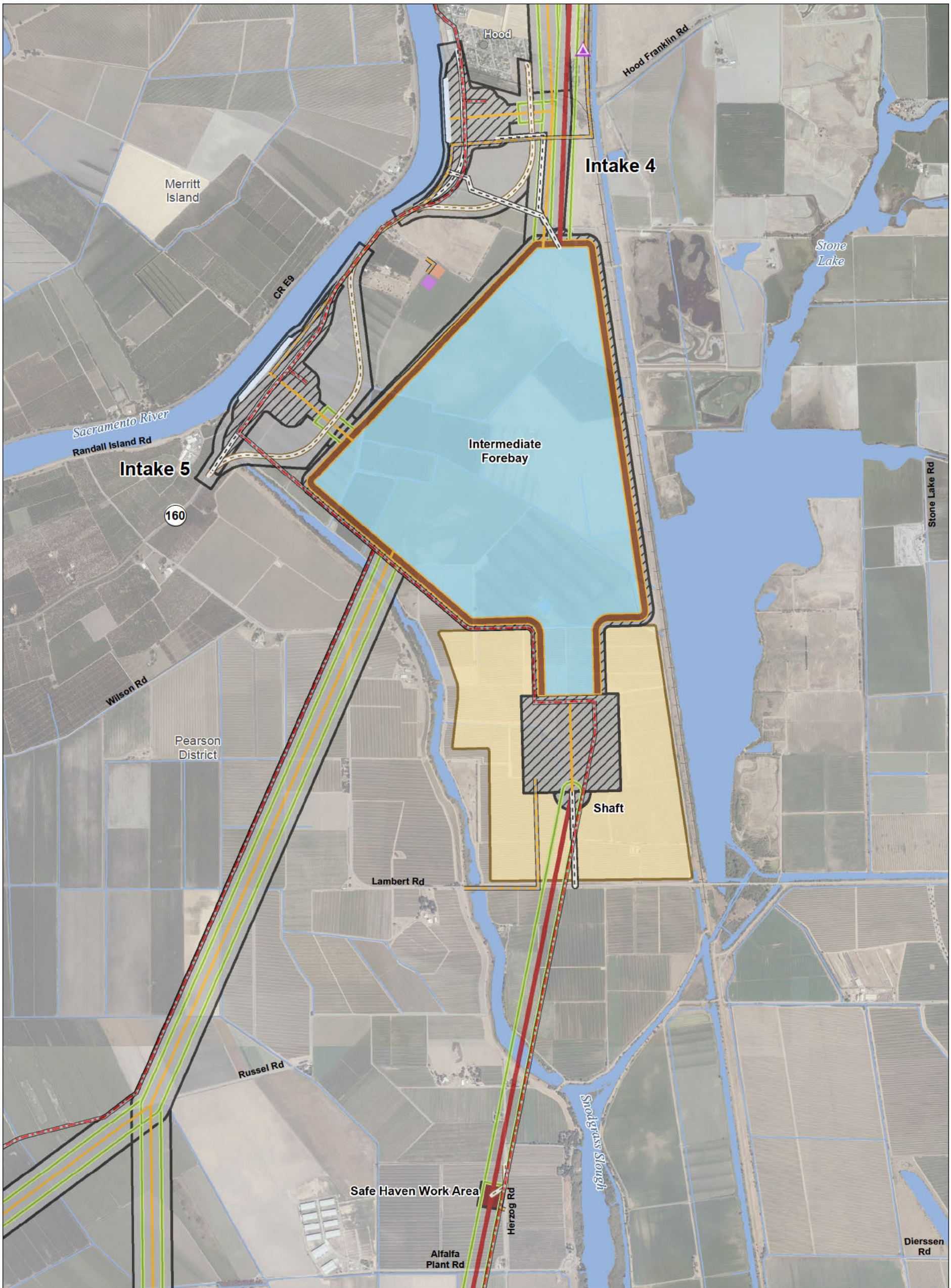


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

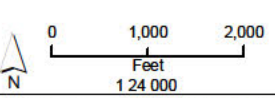
**Figure M3-1: Sheet 1 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



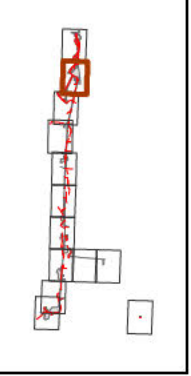
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Legend

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|--|---|-----------------------------------|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay | 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 | | | |

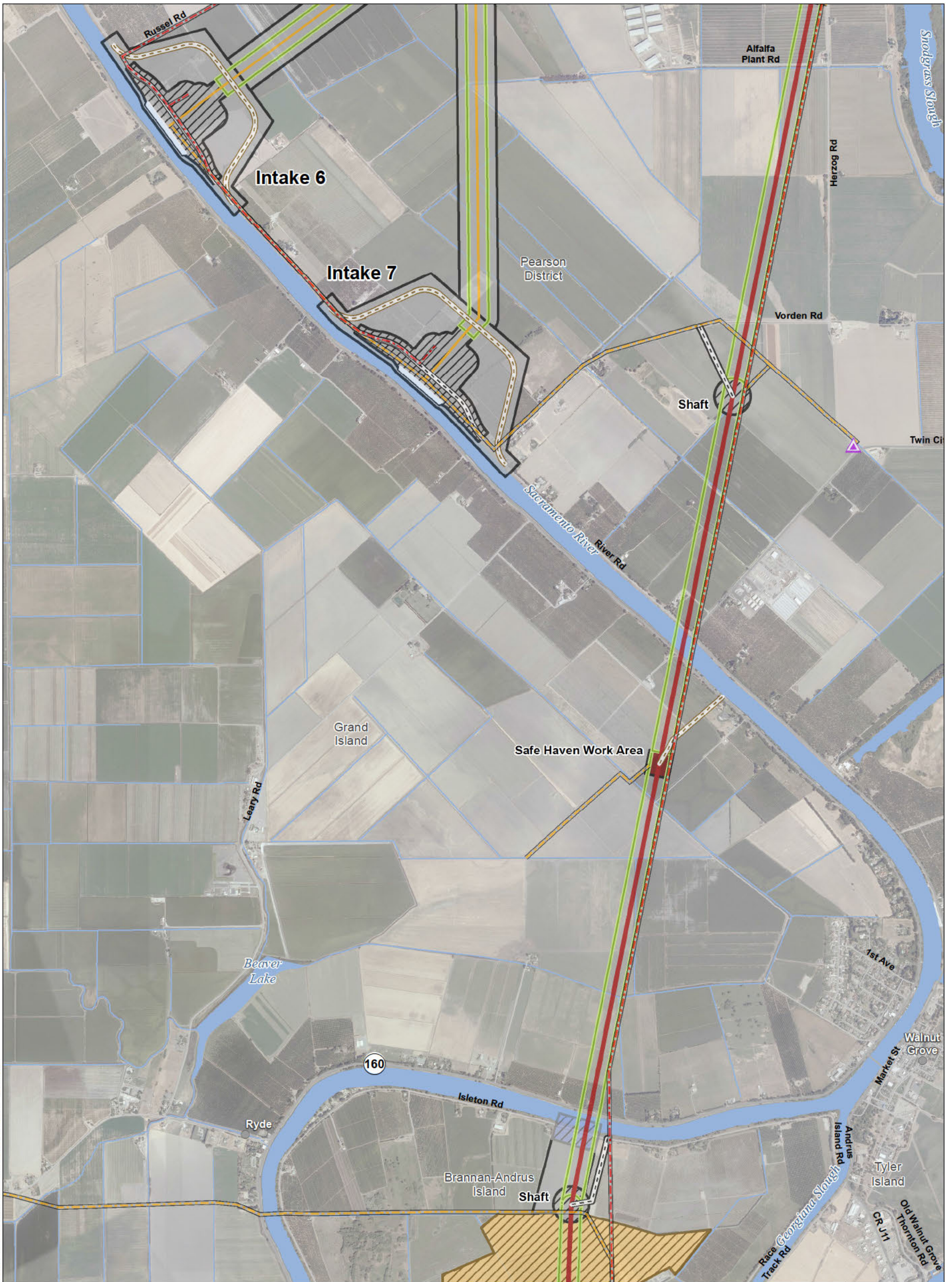


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

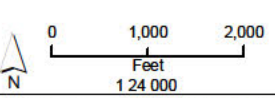
**Figure M3-1: Sheet 2 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



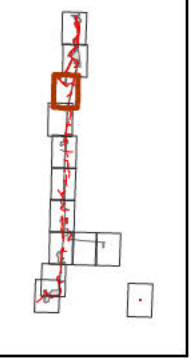
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|---|---|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay |
| Areas of Additional Analysis (Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment |
| Interconnection Point | Conveyance / 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 |

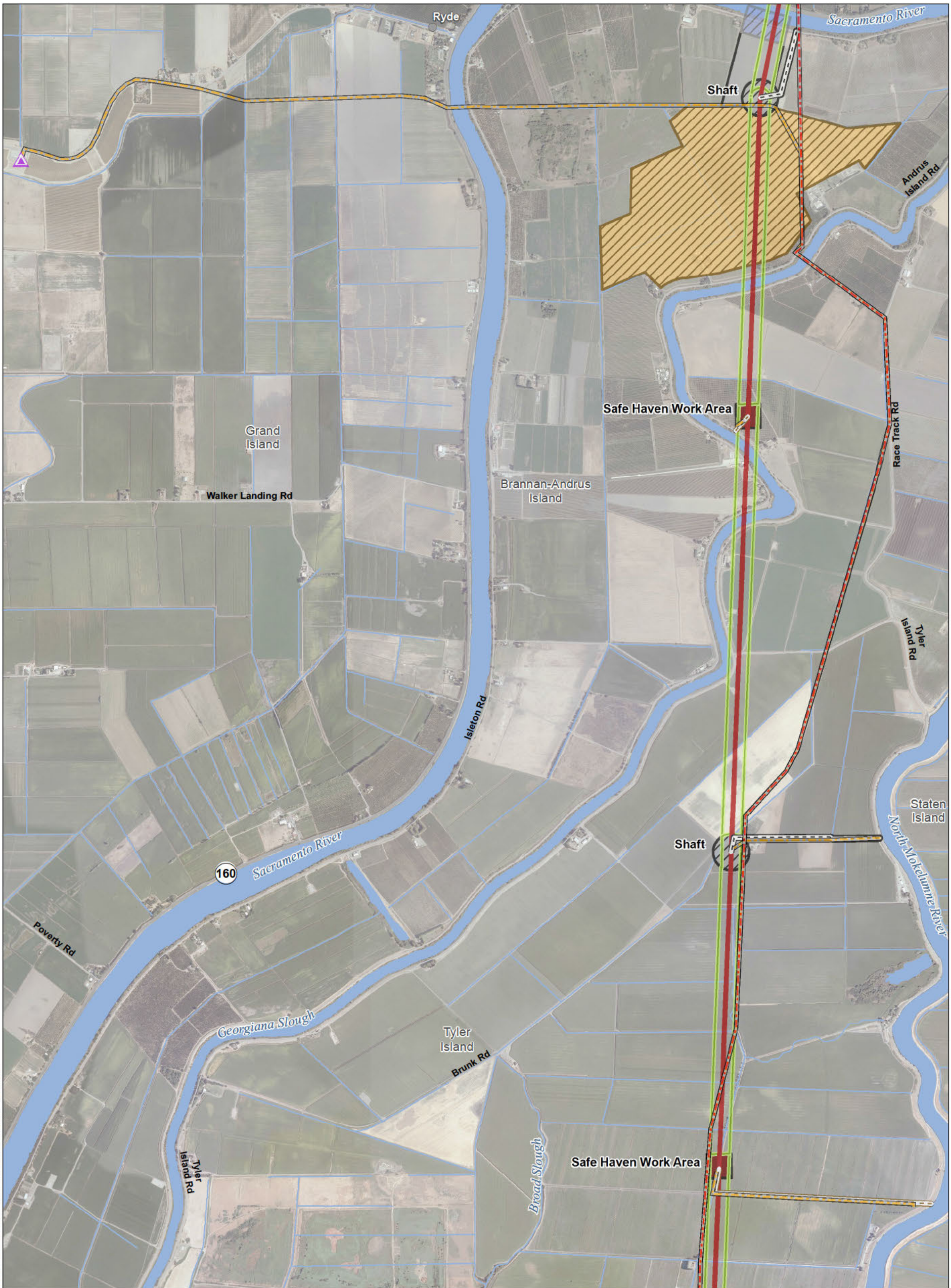


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

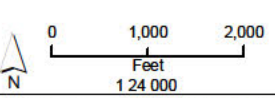
Figure M3-1: Sheet 3 of 13
Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)



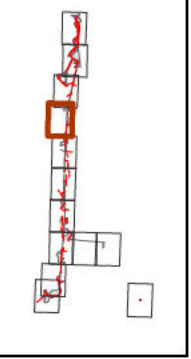
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|--|---|-----------------------------------|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power 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 | | |

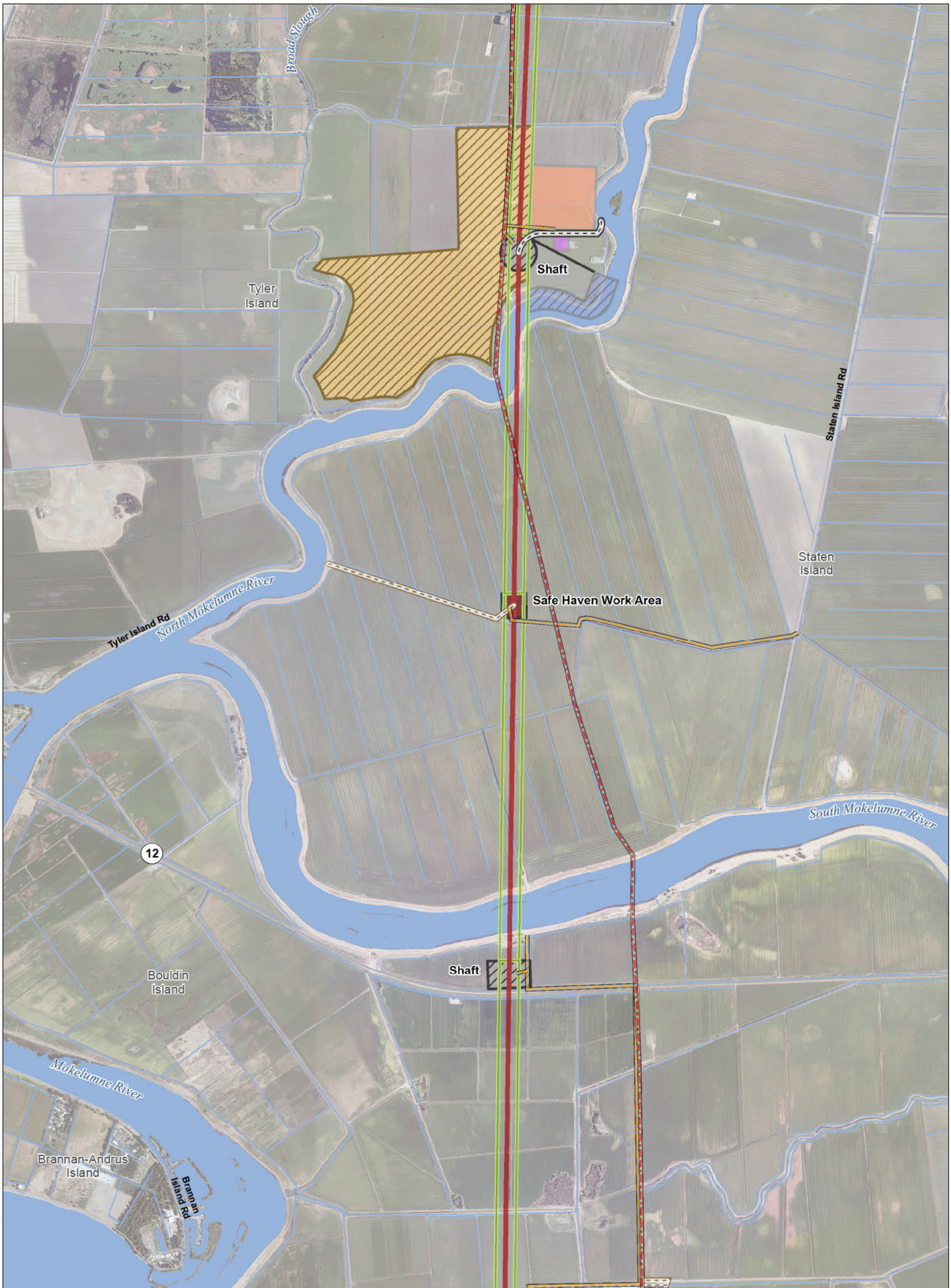


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

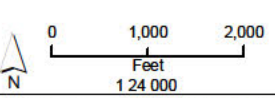
**Figure M3-1: Sheet 4 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



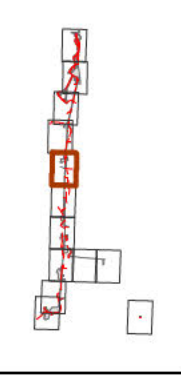
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Legend

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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 |
| 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

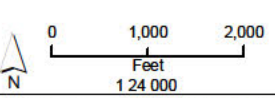
**Figure M3-1: Sheet 5 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



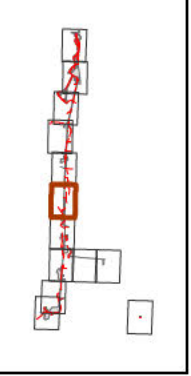
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Legend

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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 |

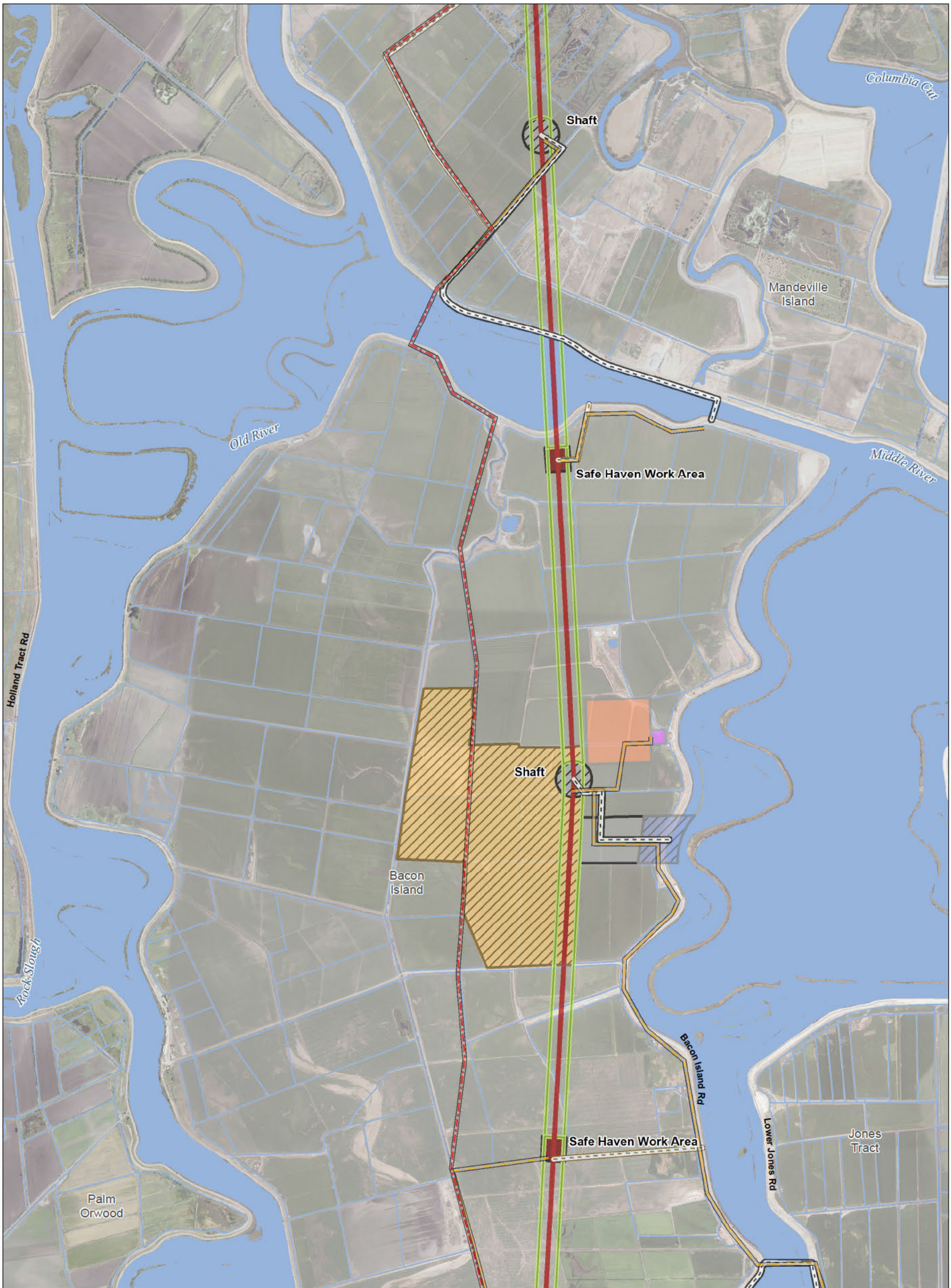


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

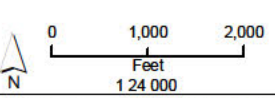
**Figure M3-1: Sheet 6 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



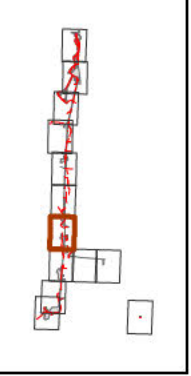
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| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection 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 | | | |

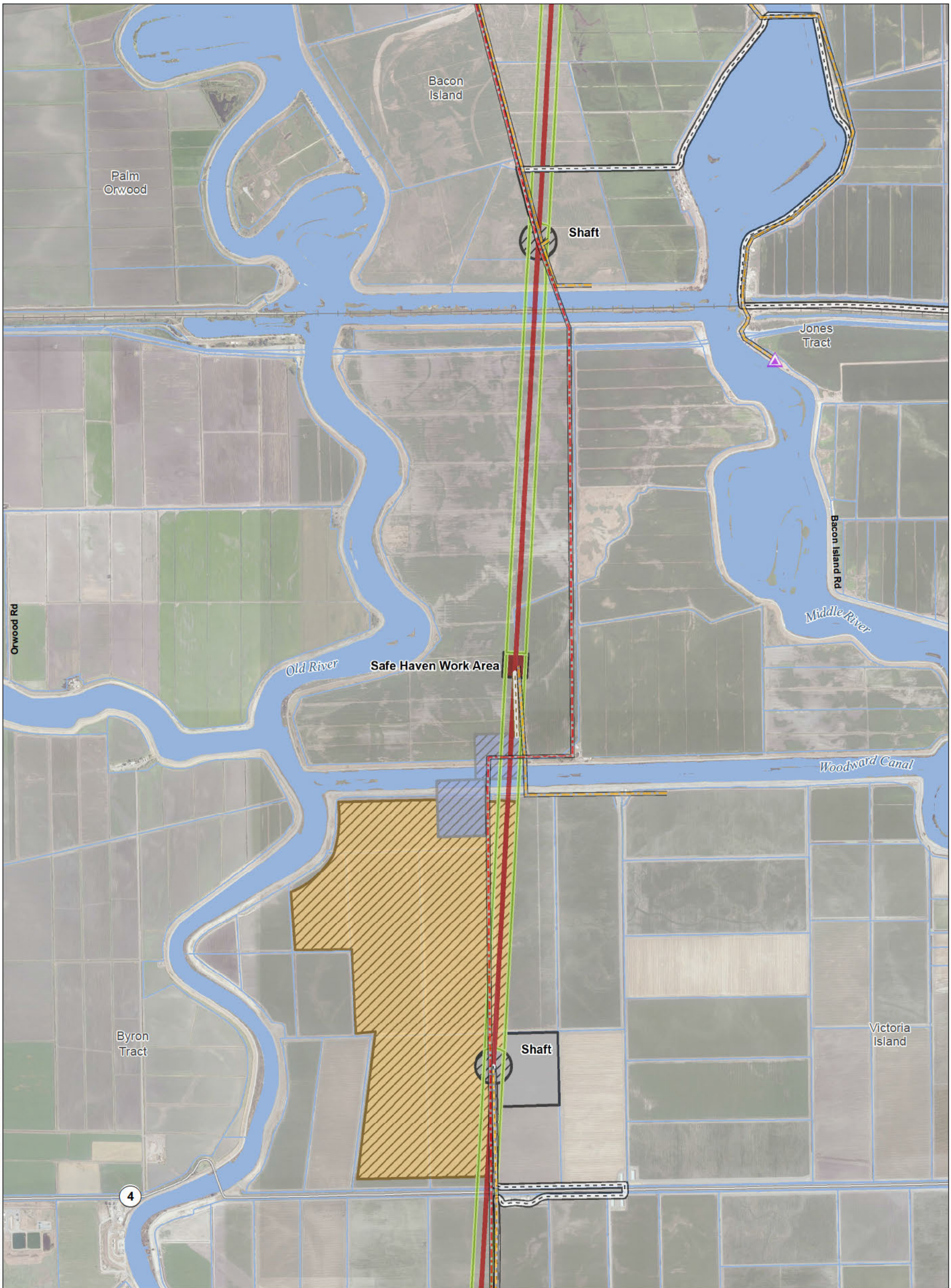


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

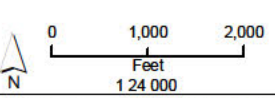
Figure M3-1: Sheet 7 of 13
Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)



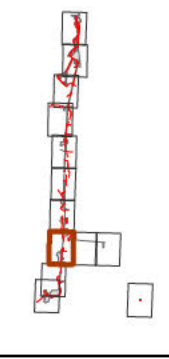
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Legend

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|---|---|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay |
| 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 |



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



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

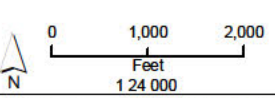
Figure M3-1: Sheet 8 of 13
Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)



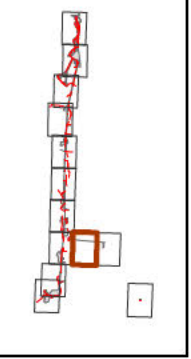
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| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection 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 |



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



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

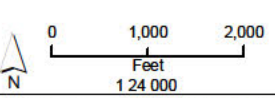
**Figure M3-1: Sheet 9 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



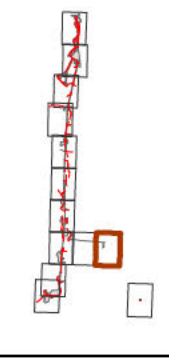
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| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection 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 |

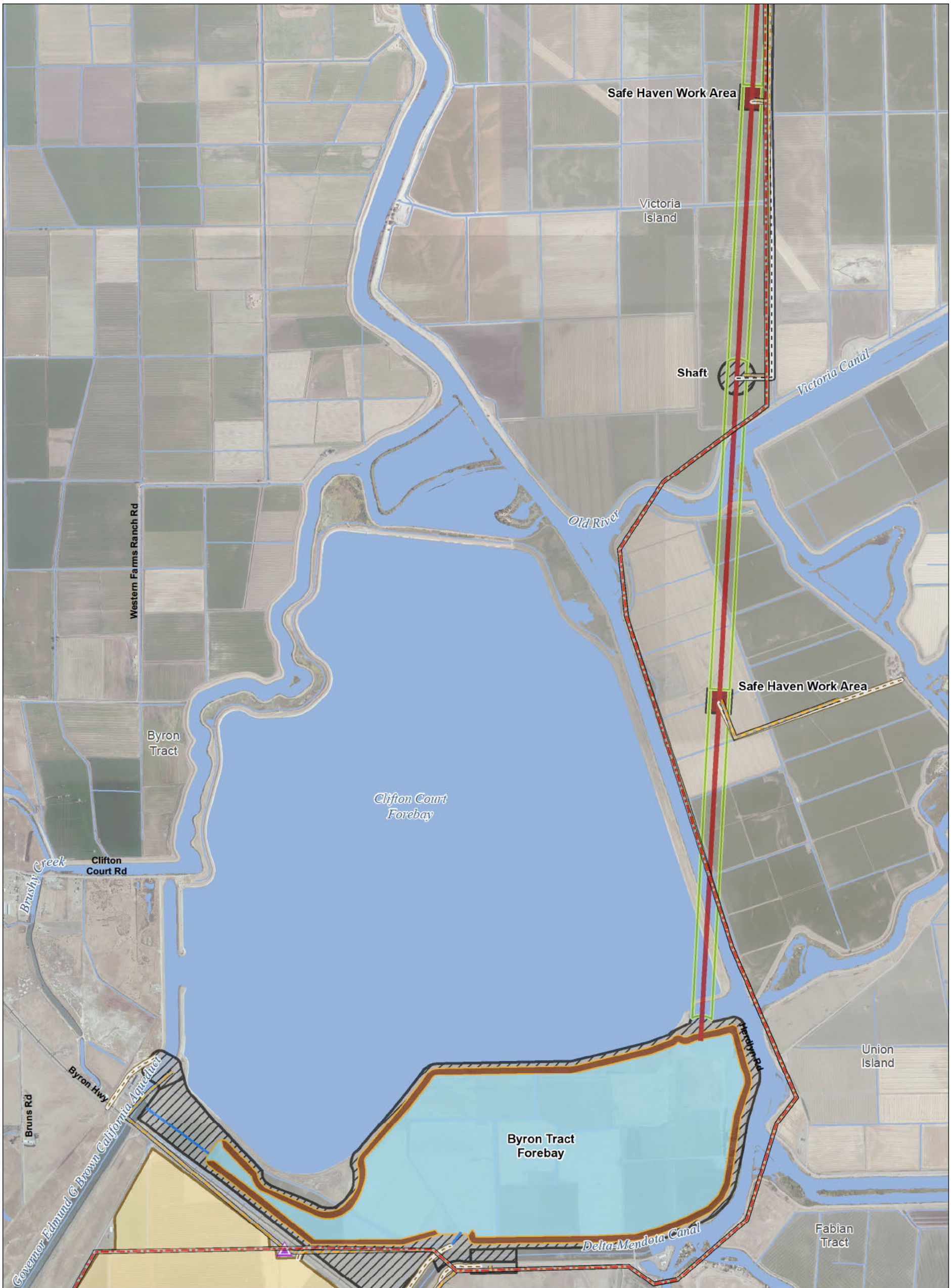


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

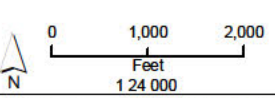
**Figure M3-1: Sheet 10 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



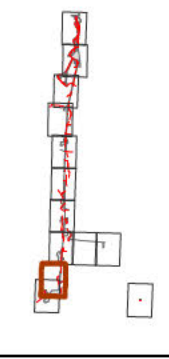
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|---|---|-----------------------------------|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis (Outside of Legal Delta; for Power 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 |

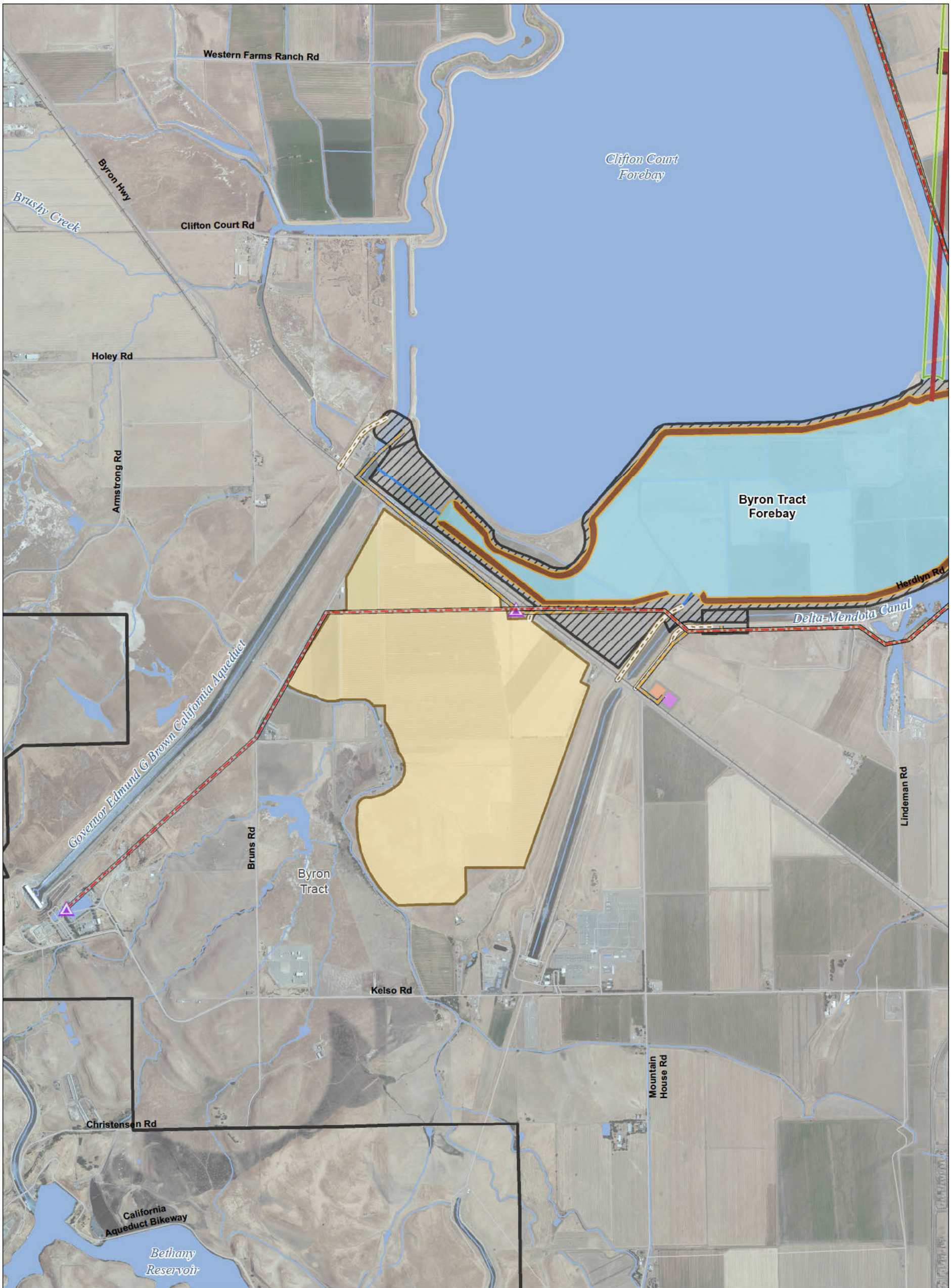


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

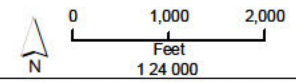
**Figure M3-1: Sheet 11 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



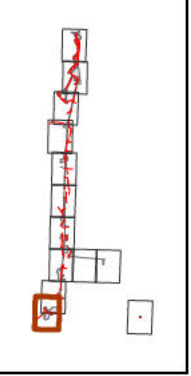
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|--|---|-----------------------------------|------------------------------------|
| Plan Area | Proposed Temporary OH Transmission Line | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power 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 |
| 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 |
| Proposed Permanent OH Transmission Line | Tunnel | | |

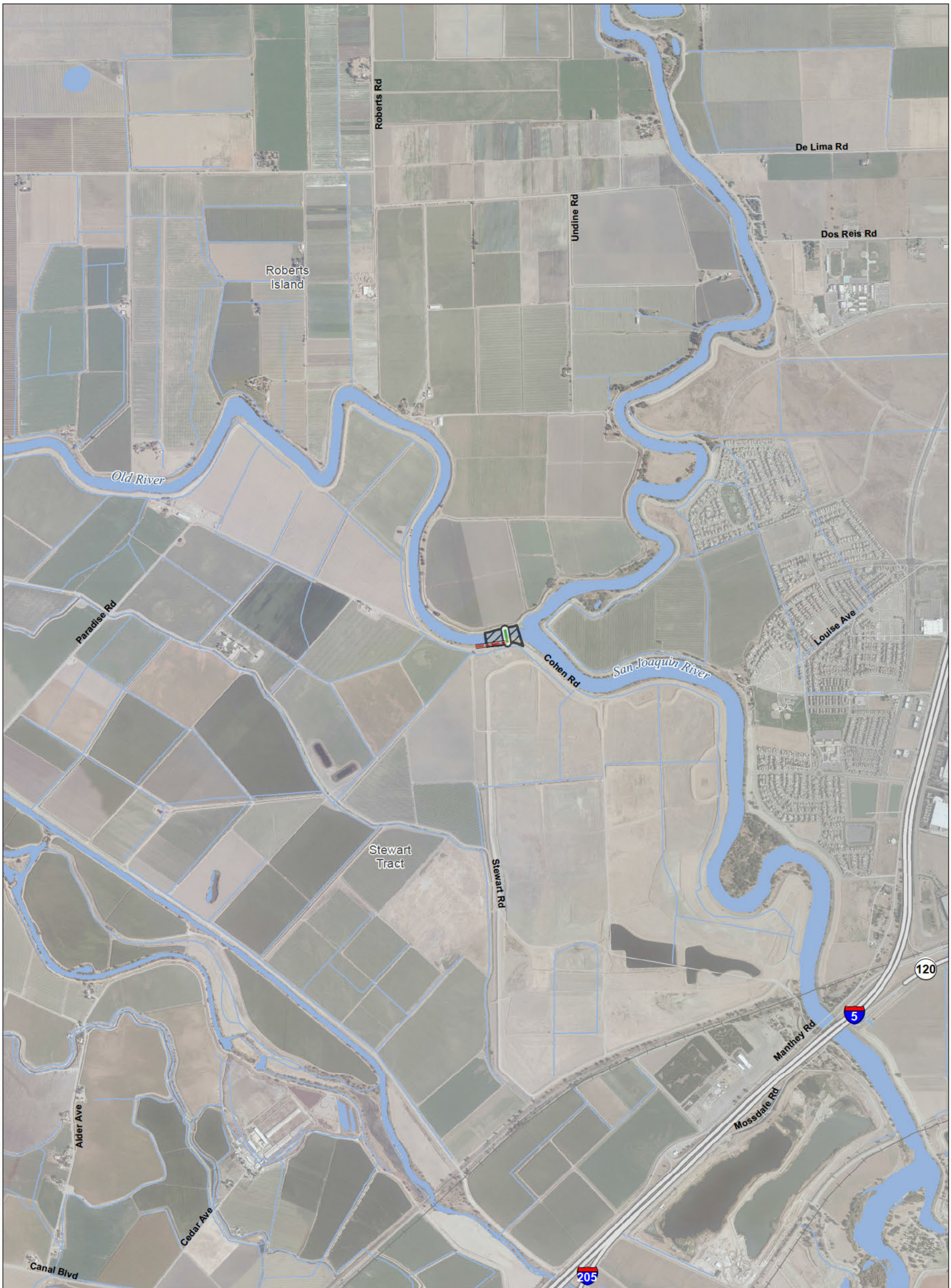


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

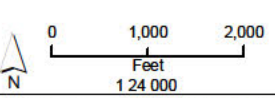
**Figure M3-1: Sheet 12 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



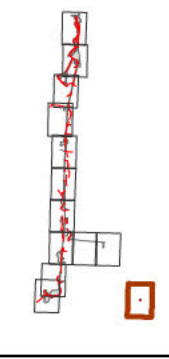
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Legend

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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 |

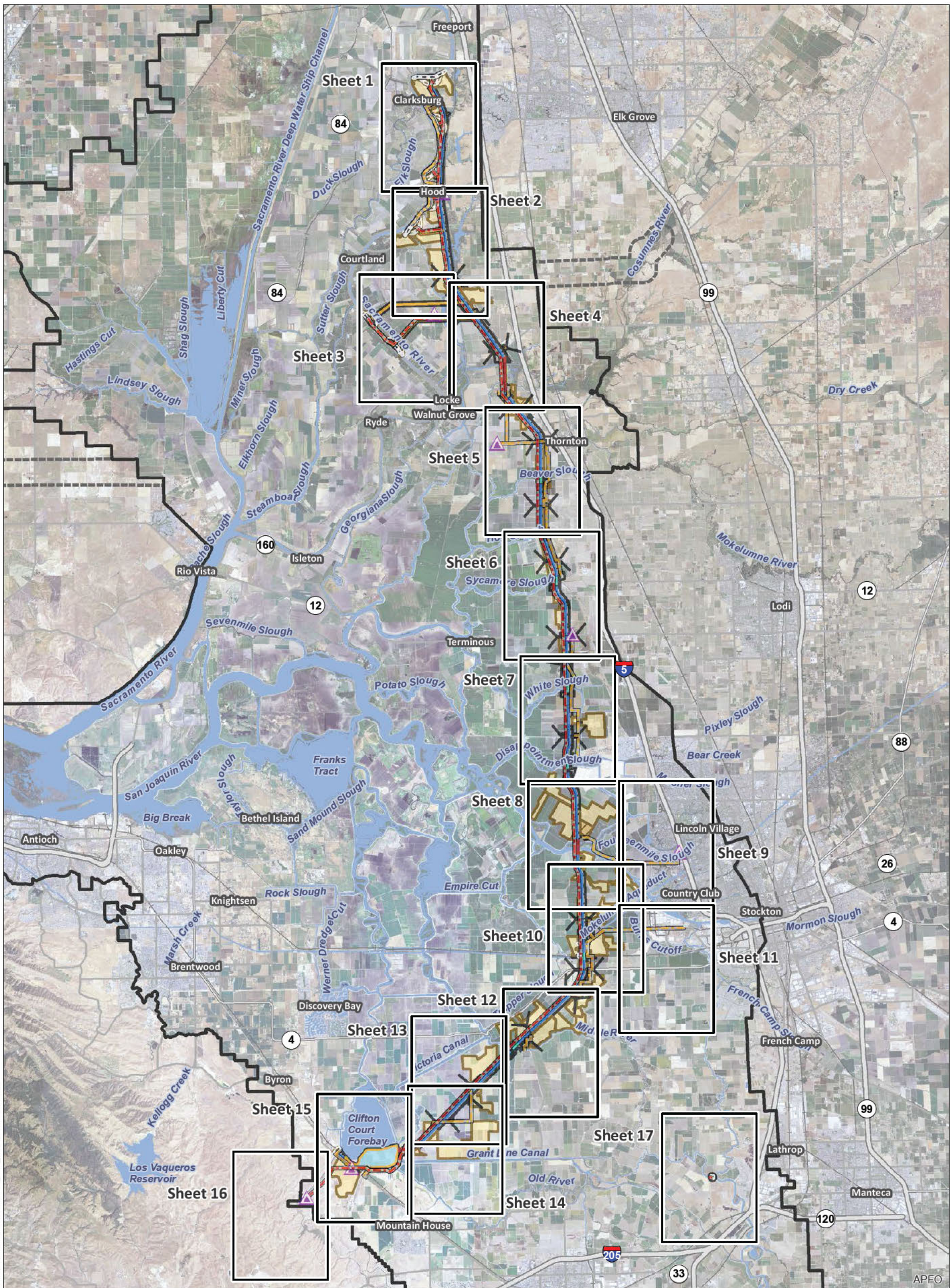


*Surface impacts are not expected to result from subsurface features.
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10c); NAIP 2012

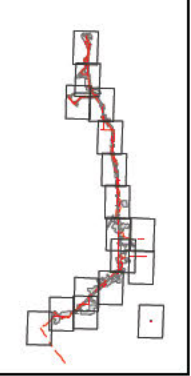
**Figure M3-1: Sheet 13 of 13
 Pipeline/Tunnel Alignment (Alternatives 1A, 2A, 3, 5, 6A, 7, and 8)**



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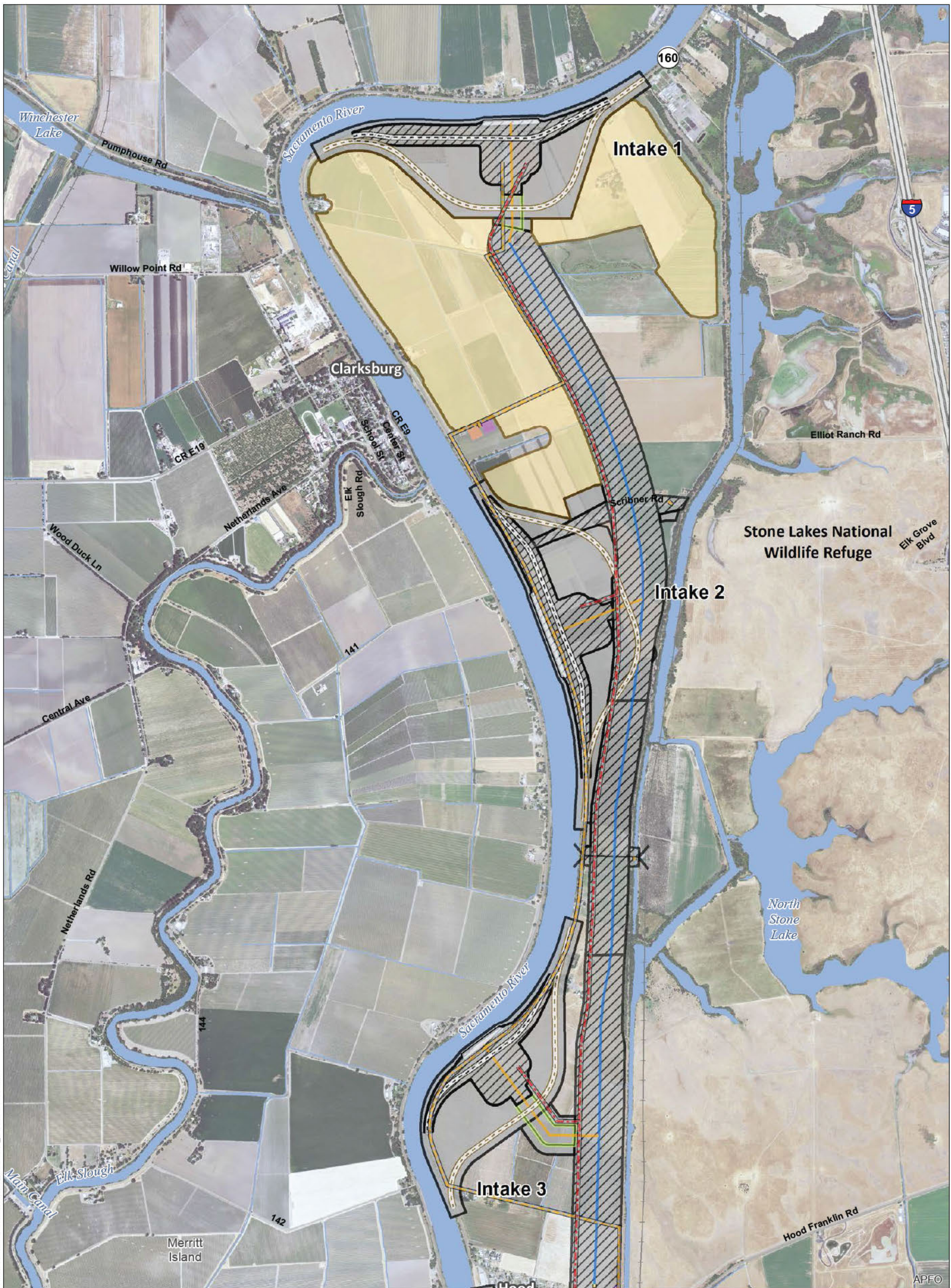
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|--|--------------------------------|-------------------------------------|------------------------------------|
| Legend | | | |
| Interstate | Interconnection Point | Conveyance / Intake Pipeline | Forebay |
| State Highway/Route | Permanent OH Transmission Line | Operable Barrier | Forebay Embankment |
| Railroad | Temporary OH Transmission Line | Permanent Access Road | Intake |
| Plan Area | Bridge | Siphon | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta; for Power Only) | Canal | Temporary Access Road | Reusable Tunnel Material Area |
| Water | Control Structure | Tunnel | Barge Unloading Facility |
| | | *Proposed Subsurface Easement | Concrete Batch Plant |
| | | **Proposed Permanent Surface Impact | Fuel Station |
| | | 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: DWR DHCCP Engineering (rev 10c); NAIP 2012

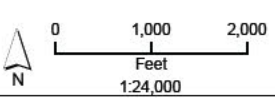
Figure M3-2: Index East Alignment (Alternatives 1B, 2B, and 6B)



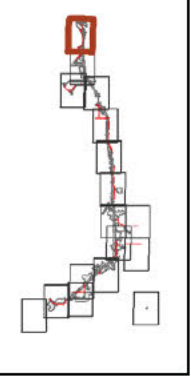
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Legend

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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 | | |

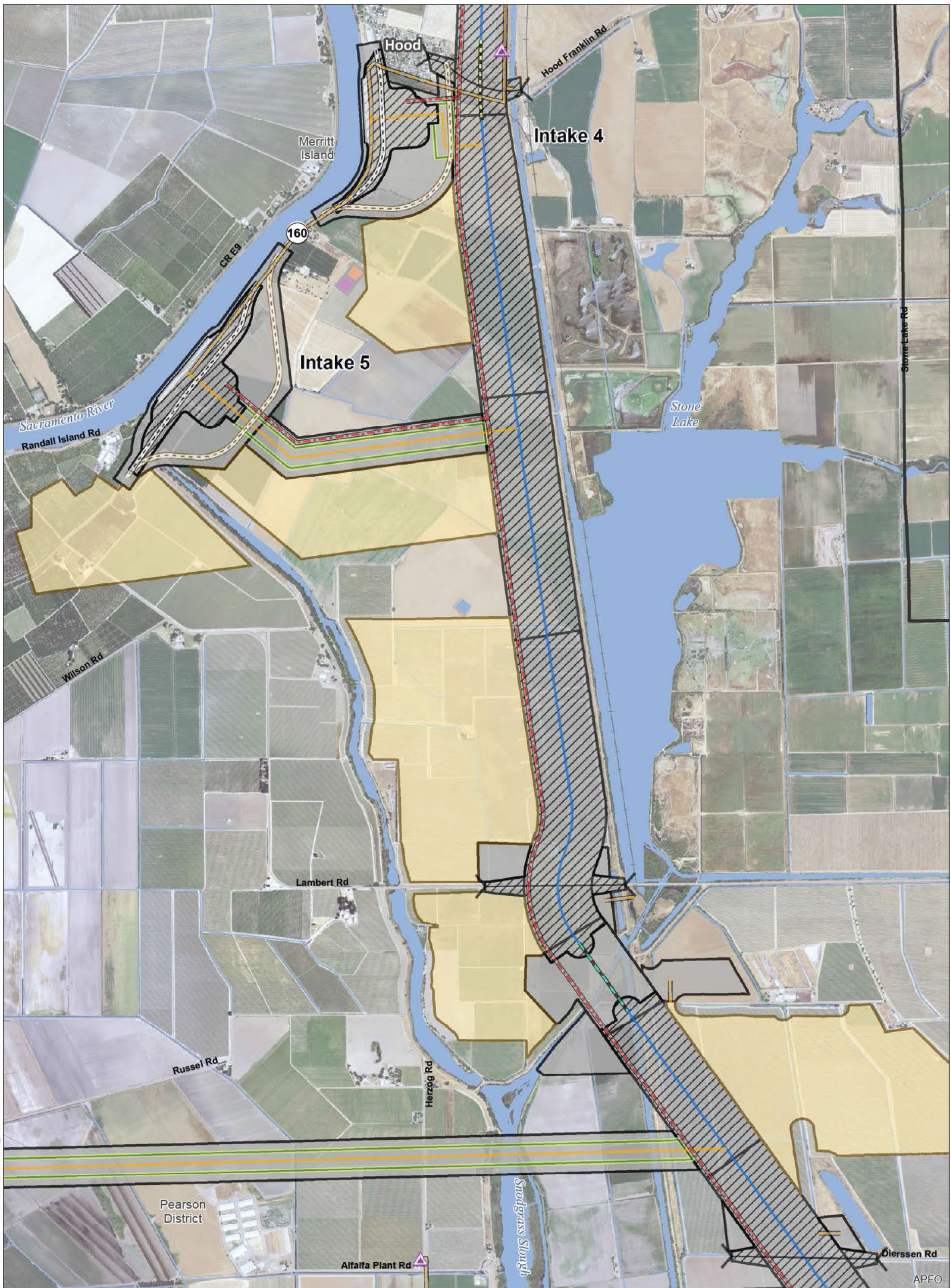


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

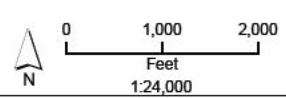
**Figure M3-2: Sheet 1 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



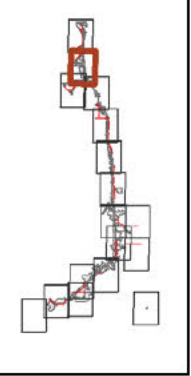
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Legend

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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 | | |

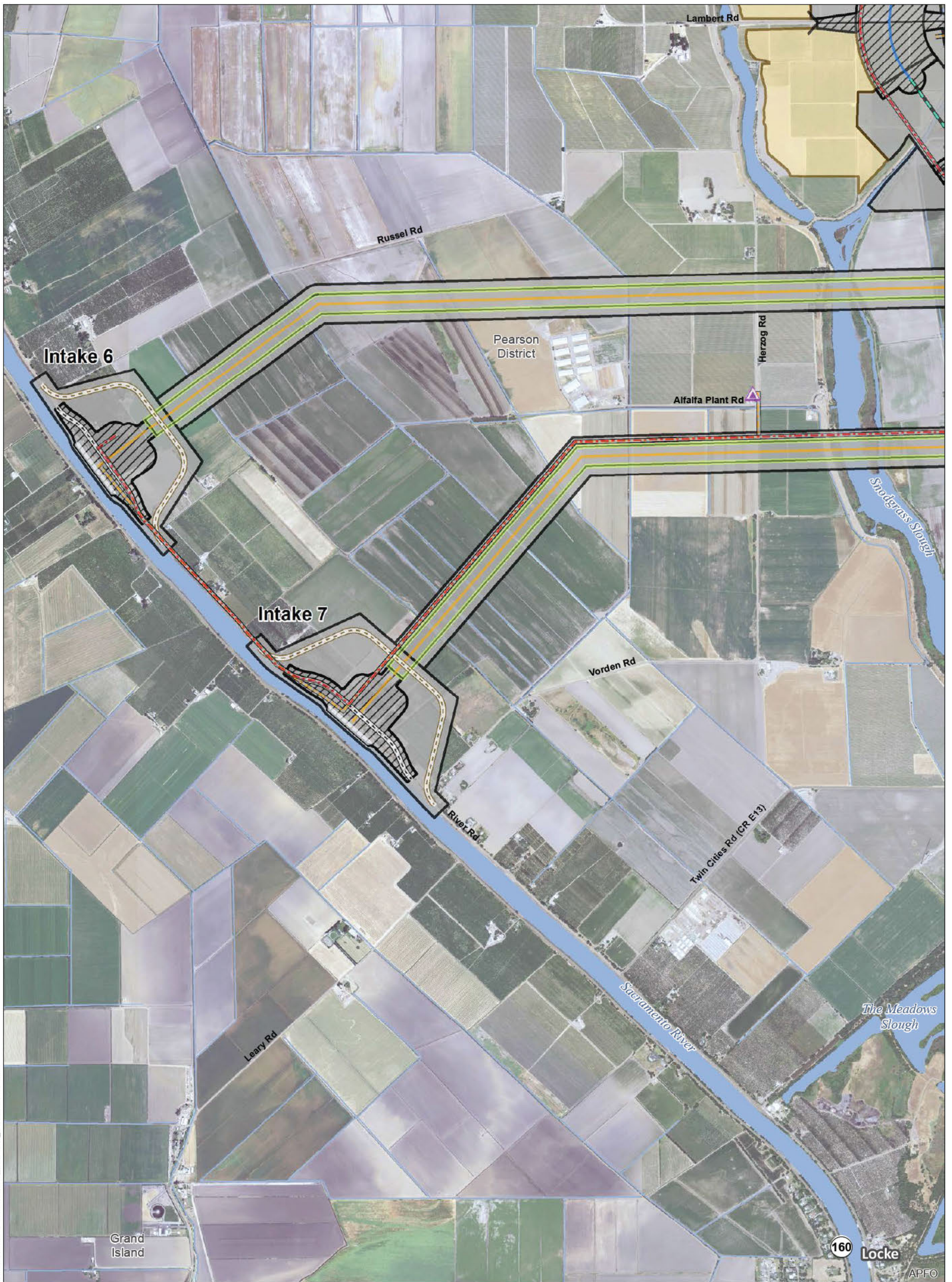


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

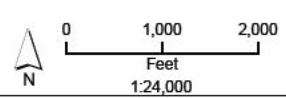
**Figure M3-2: Sheet 2 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



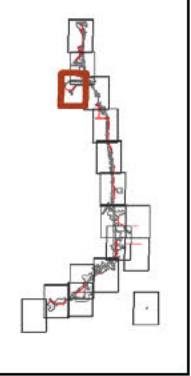
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Legend

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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 | | |

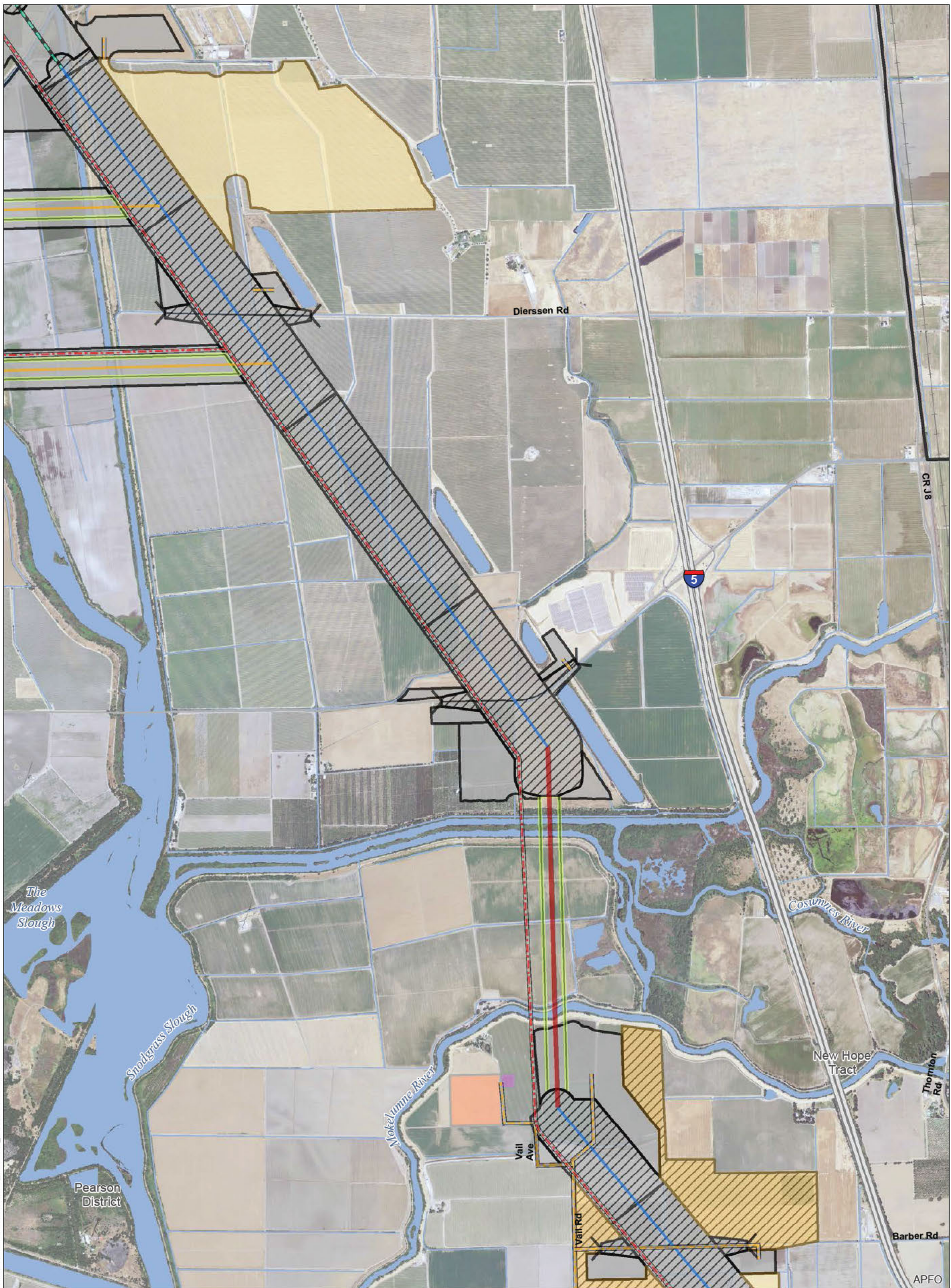


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

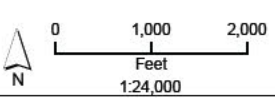
**Figure M3-2: Sheet 3 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



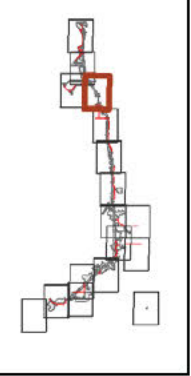
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Legend

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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 | | |

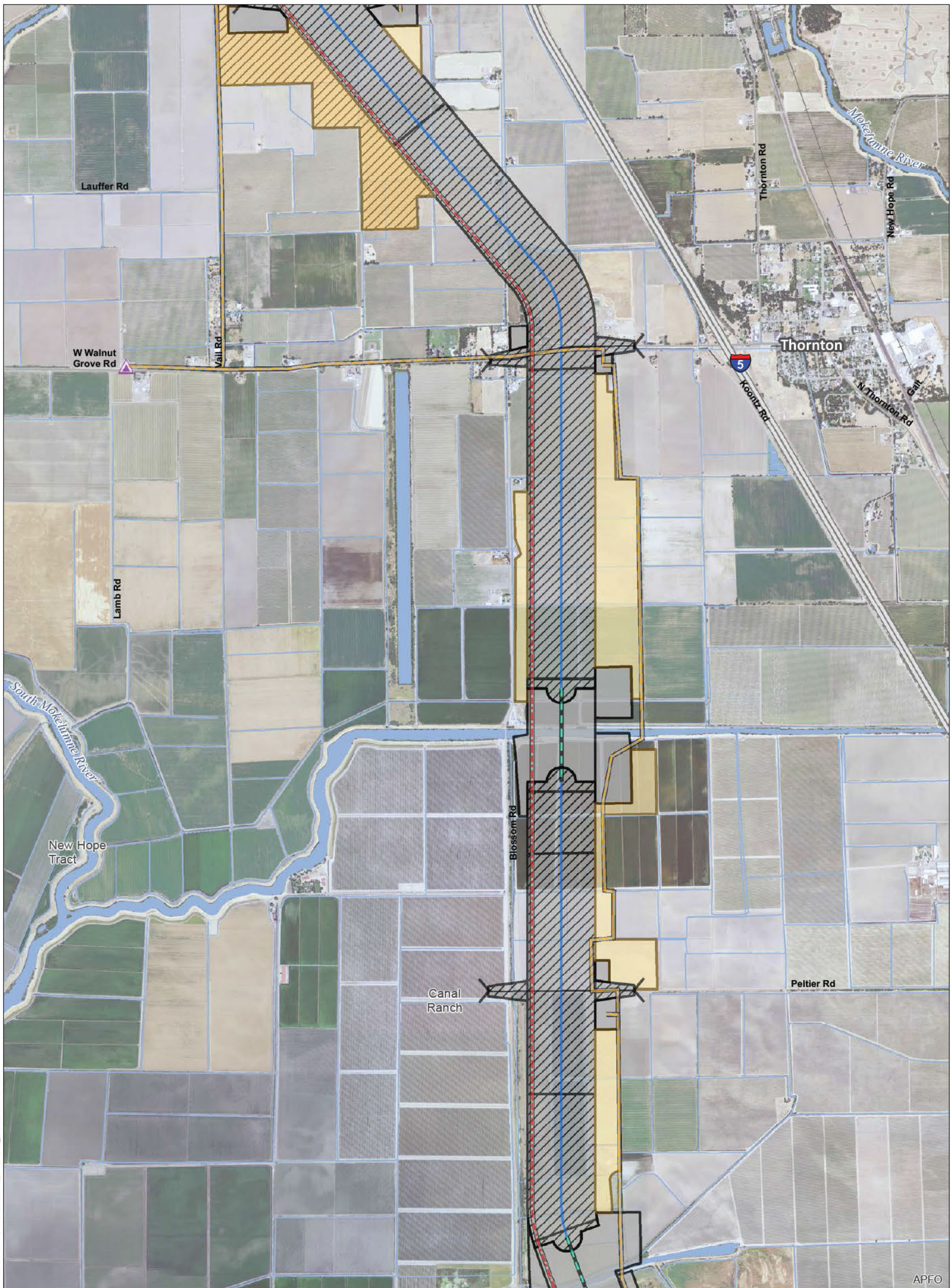


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

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

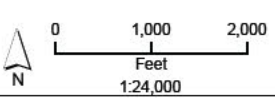


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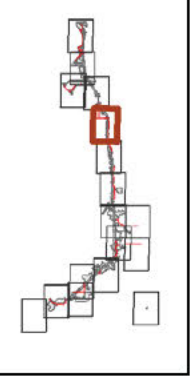
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Legend

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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 | | |

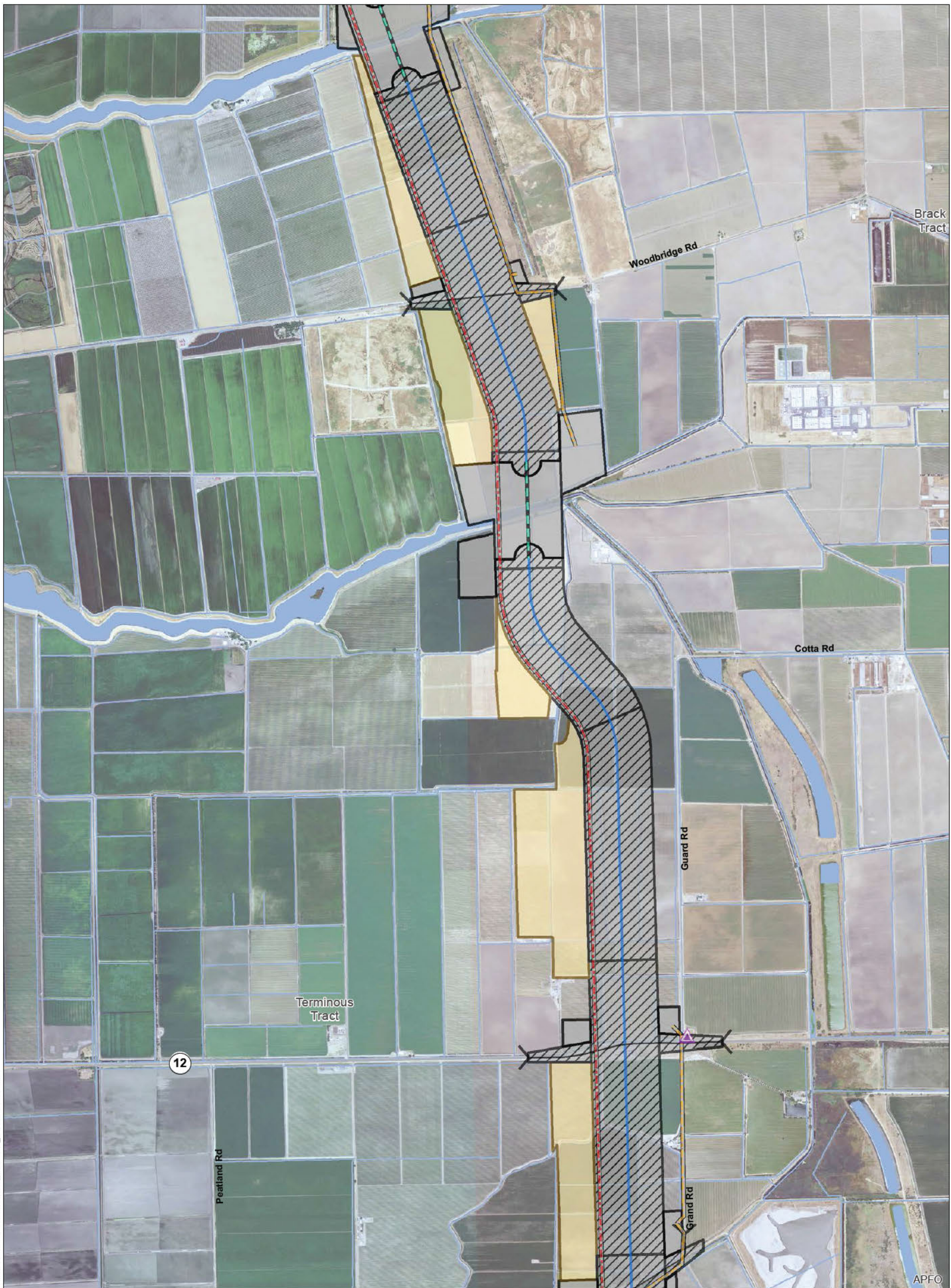


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

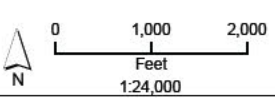
**Figure M3-2: Sheet 5 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



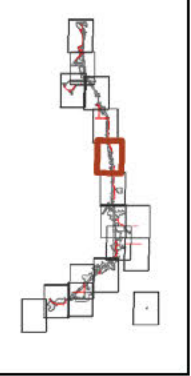
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Legend

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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 | | |

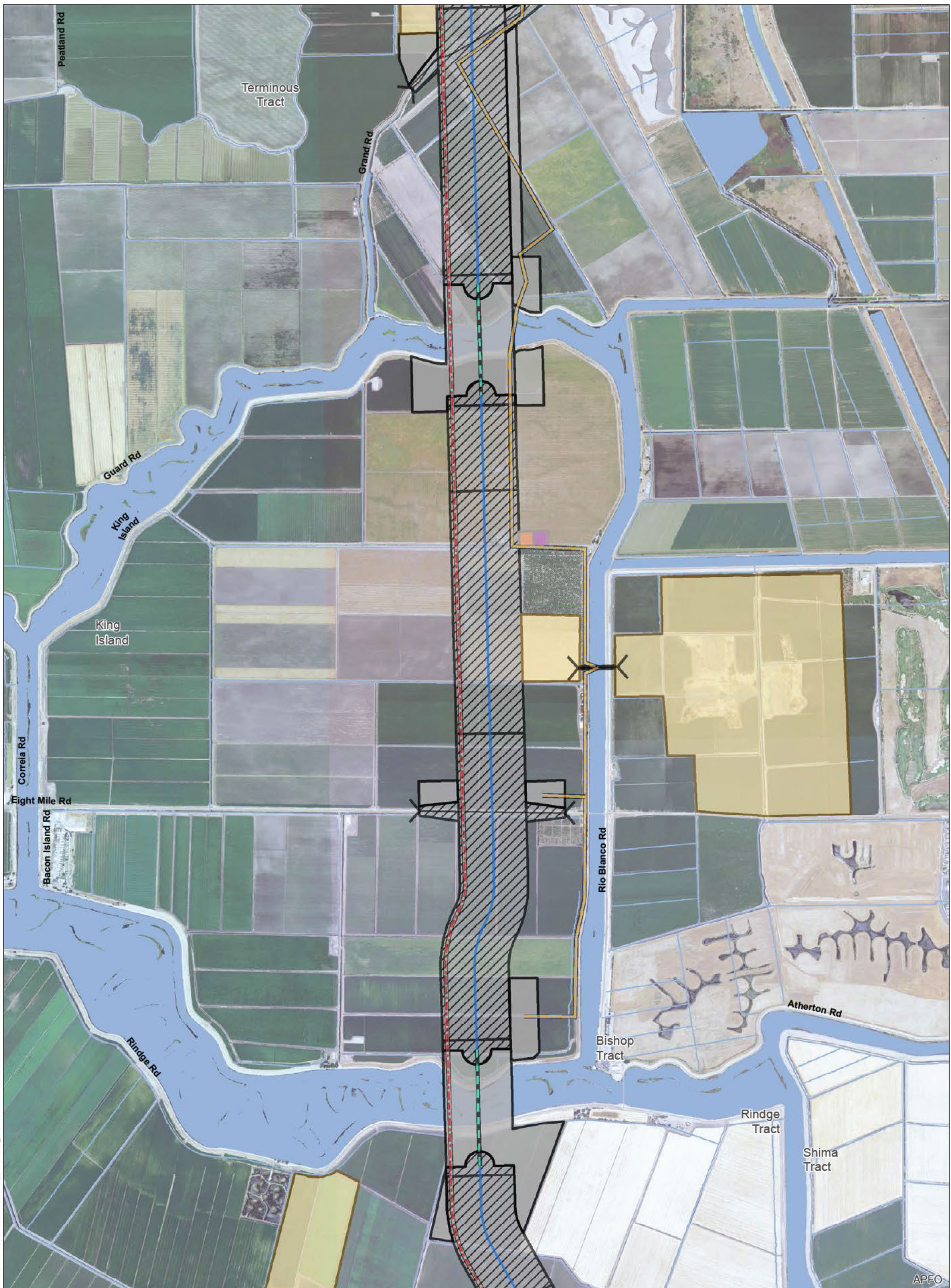


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

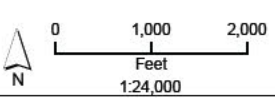
**Figure M3-2: Sheet 6 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



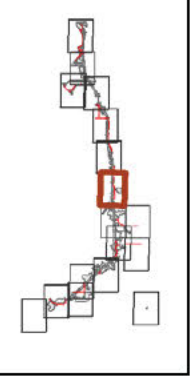
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Legend

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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 | | |

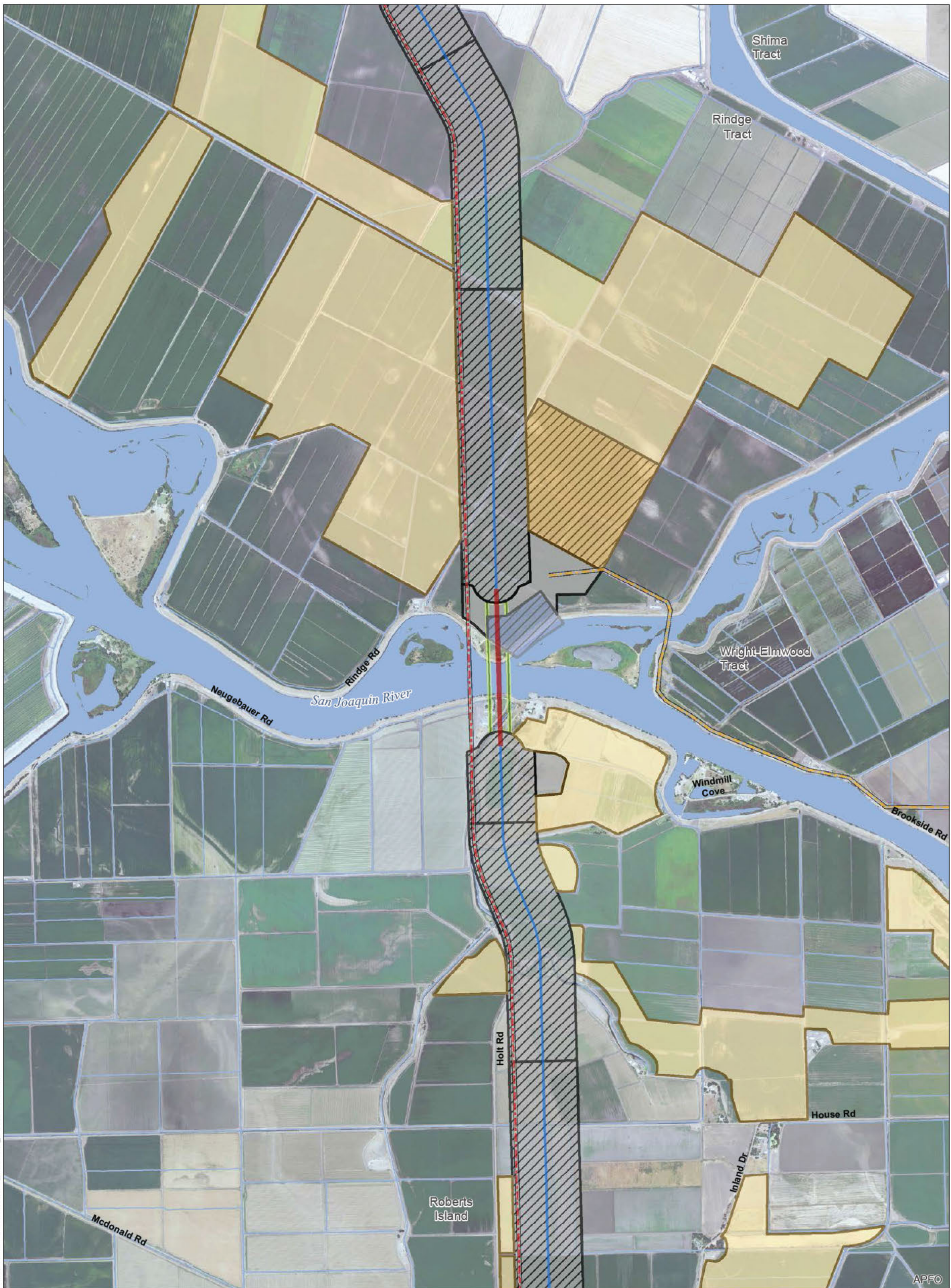


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

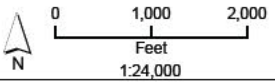
**Figure M3-2: Sheet 7 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



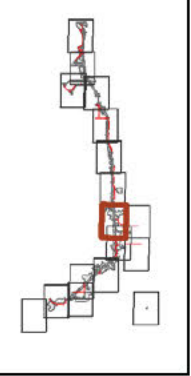
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Legend

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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 | | |

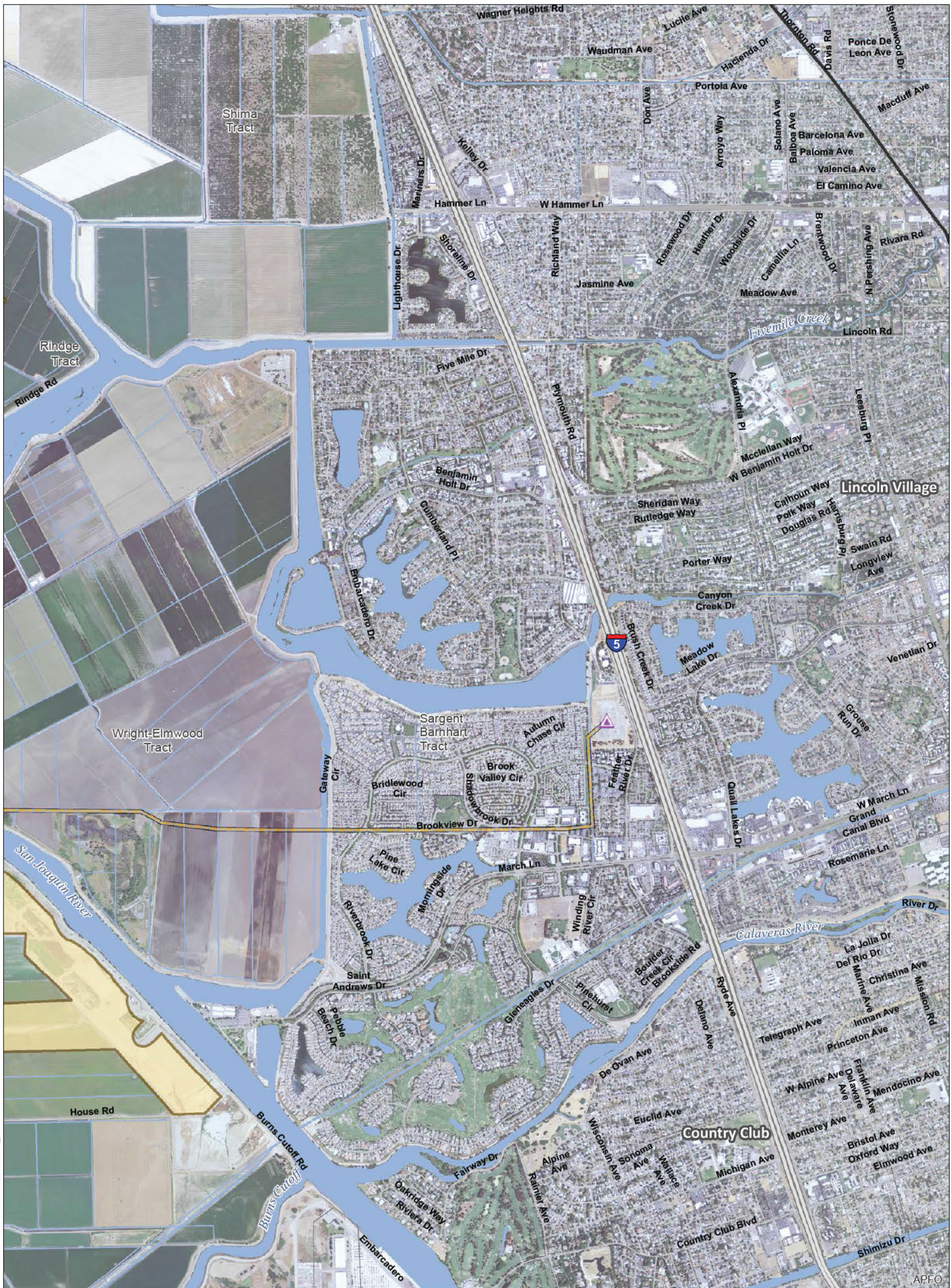


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

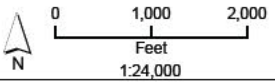
**Figure M3-2: Sheet 8 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



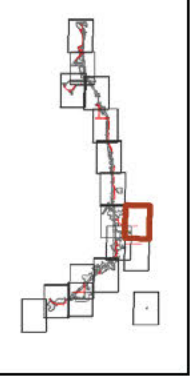
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Legend

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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 | | |

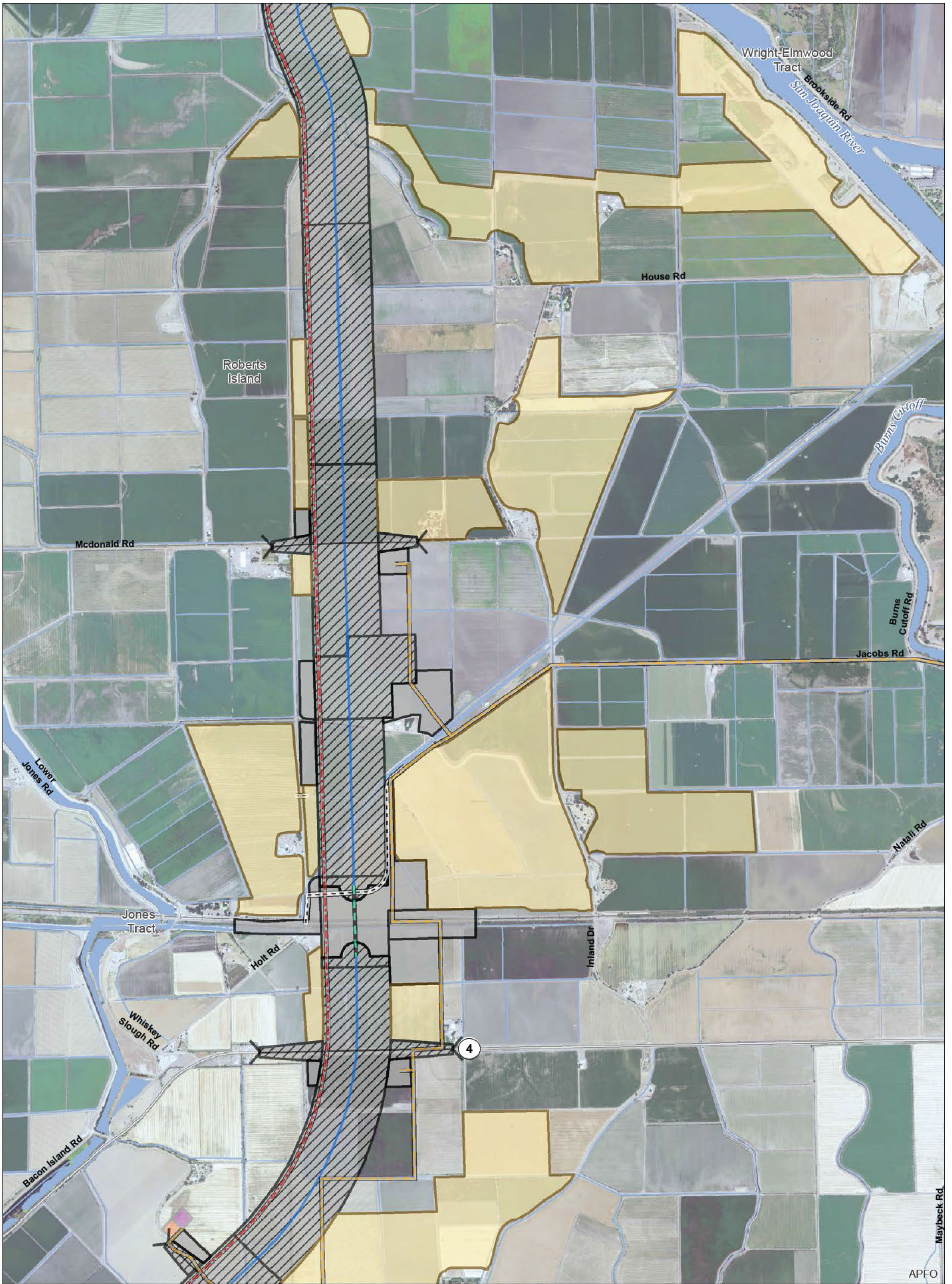


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

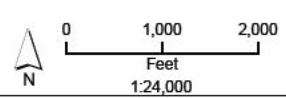
**Figure M3-2: Sheet 9 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



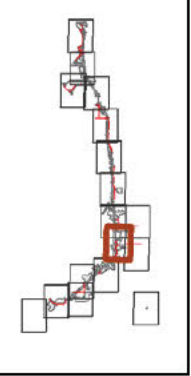
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Legend

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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

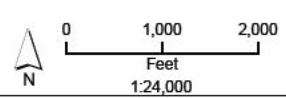
**Figure M3-2: Sheet 10 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



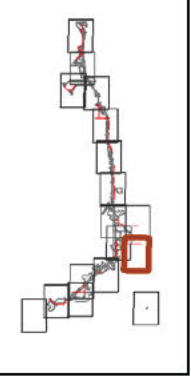
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Legend

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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 | | |

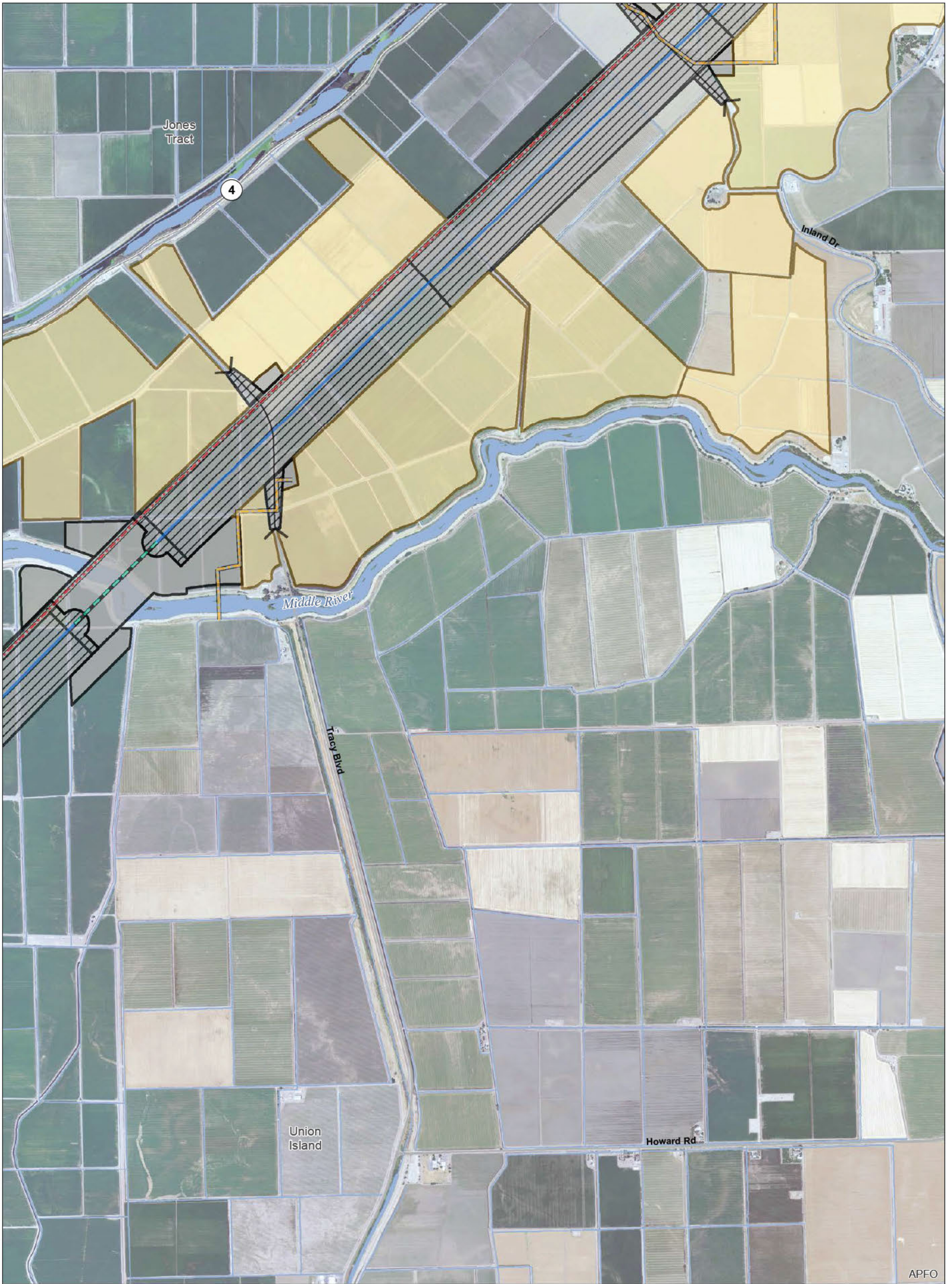


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

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

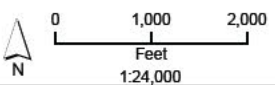


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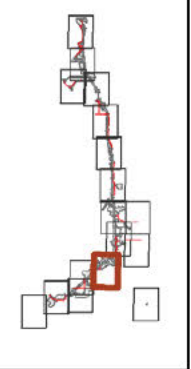
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|--|------------------------------|-------------------------------------|------------------------------------|
| Plan Area | Control Structure | Forebay | Potential Borrow and/or Spoil Area |
| Areas of Additional Analysis
(Outside of Legal Delta, 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 | | |

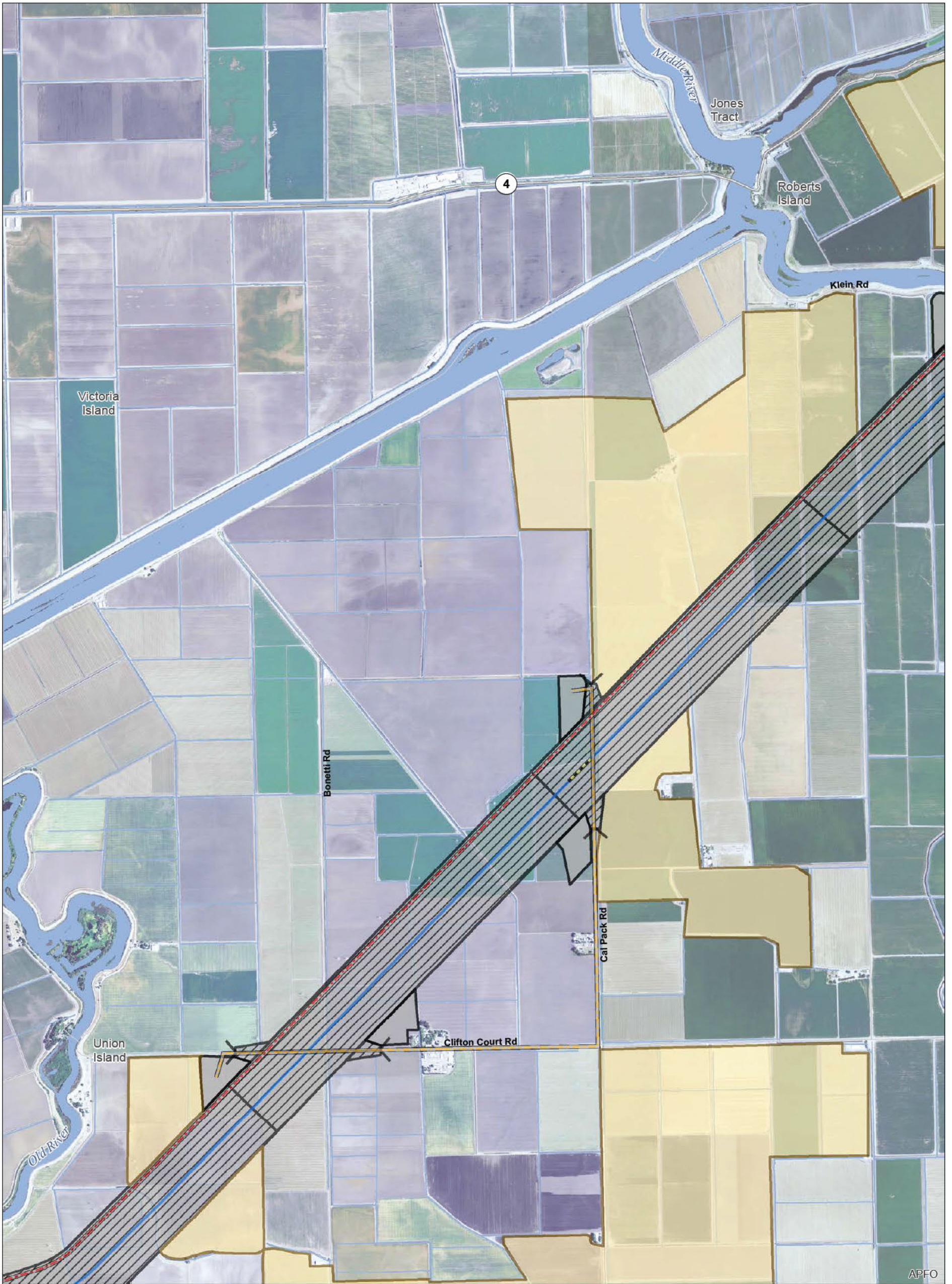


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

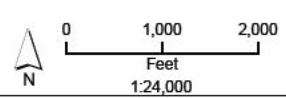
**Figure M3-2: Sheet 12 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



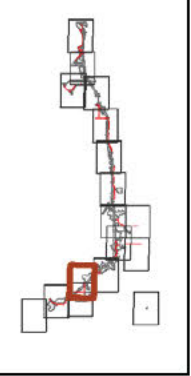
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Legend

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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 | | |

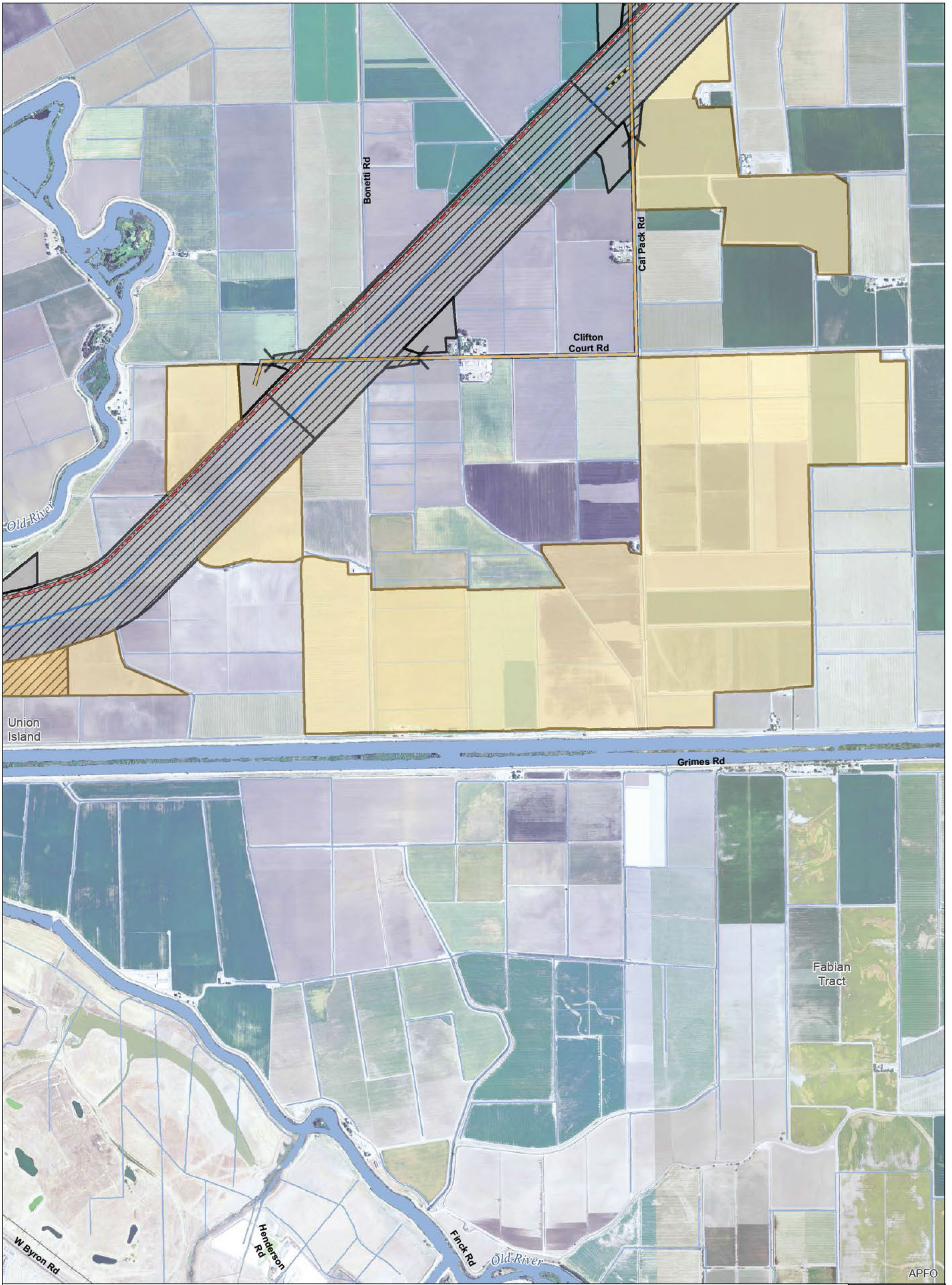


*Surface impacts are not expected to result from subsurface features.
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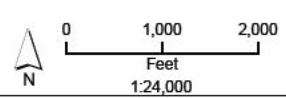
**Figure M3-2: Sheet 13 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



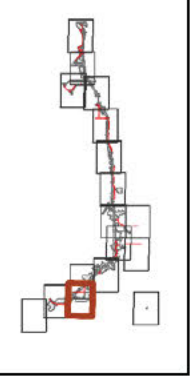
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Legend

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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 | | |

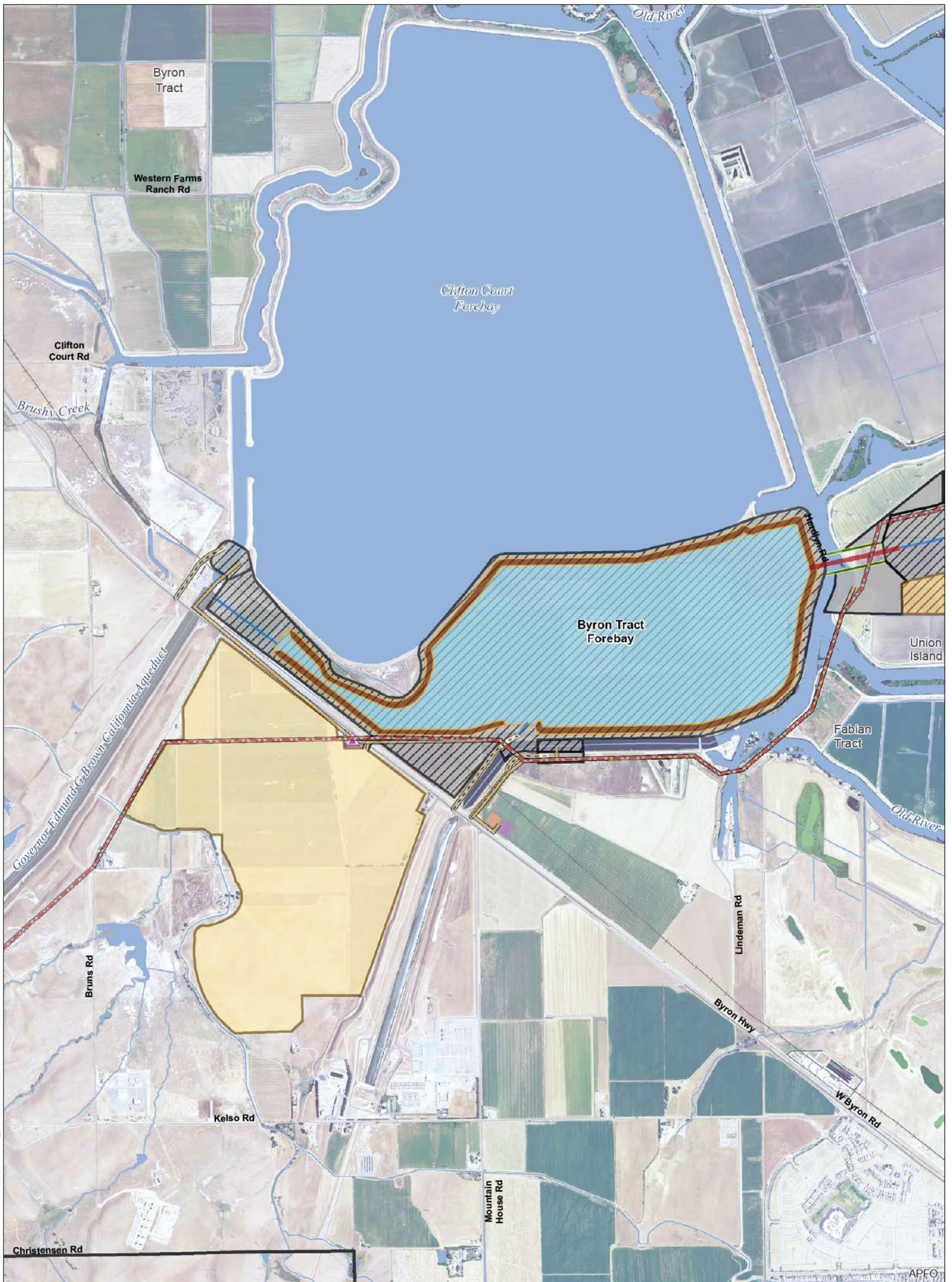


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

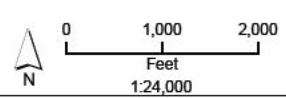
**Figure M3-2: Sheet 14 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



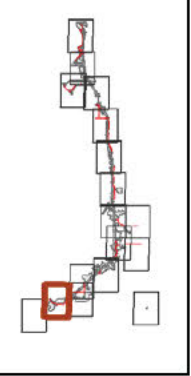
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Legend

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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 | | |

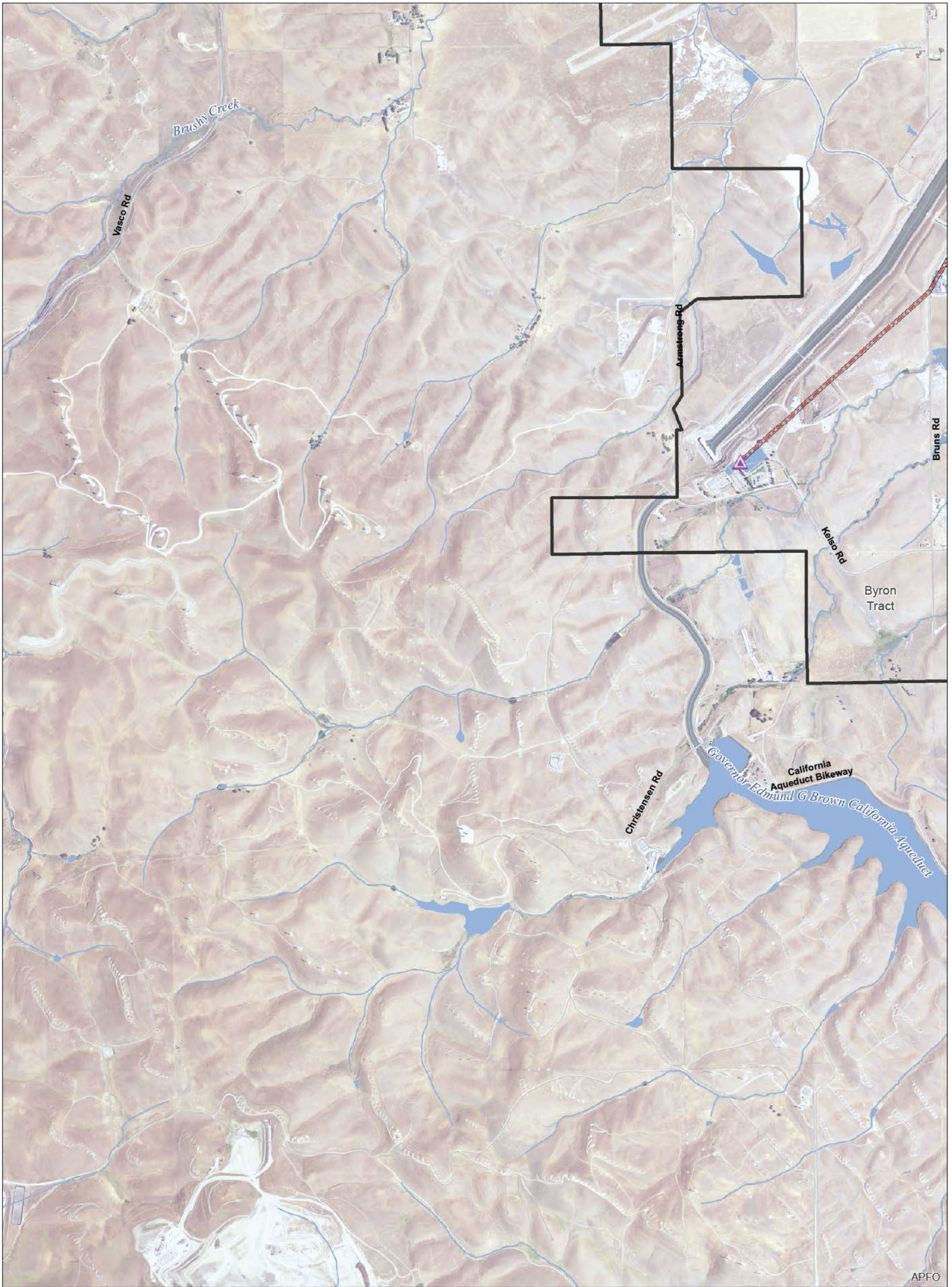


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

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

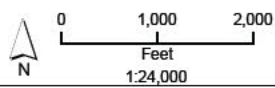


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Legend

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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

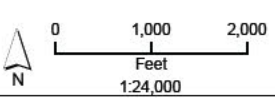
**Figure M3-2: Sheet 16 of 17
 East Alignment (Alternatives 1B, 2B, and 6B)**



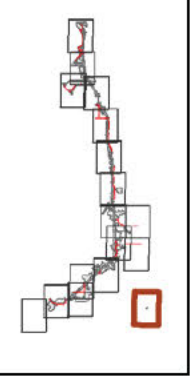
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Legend

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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 | | |

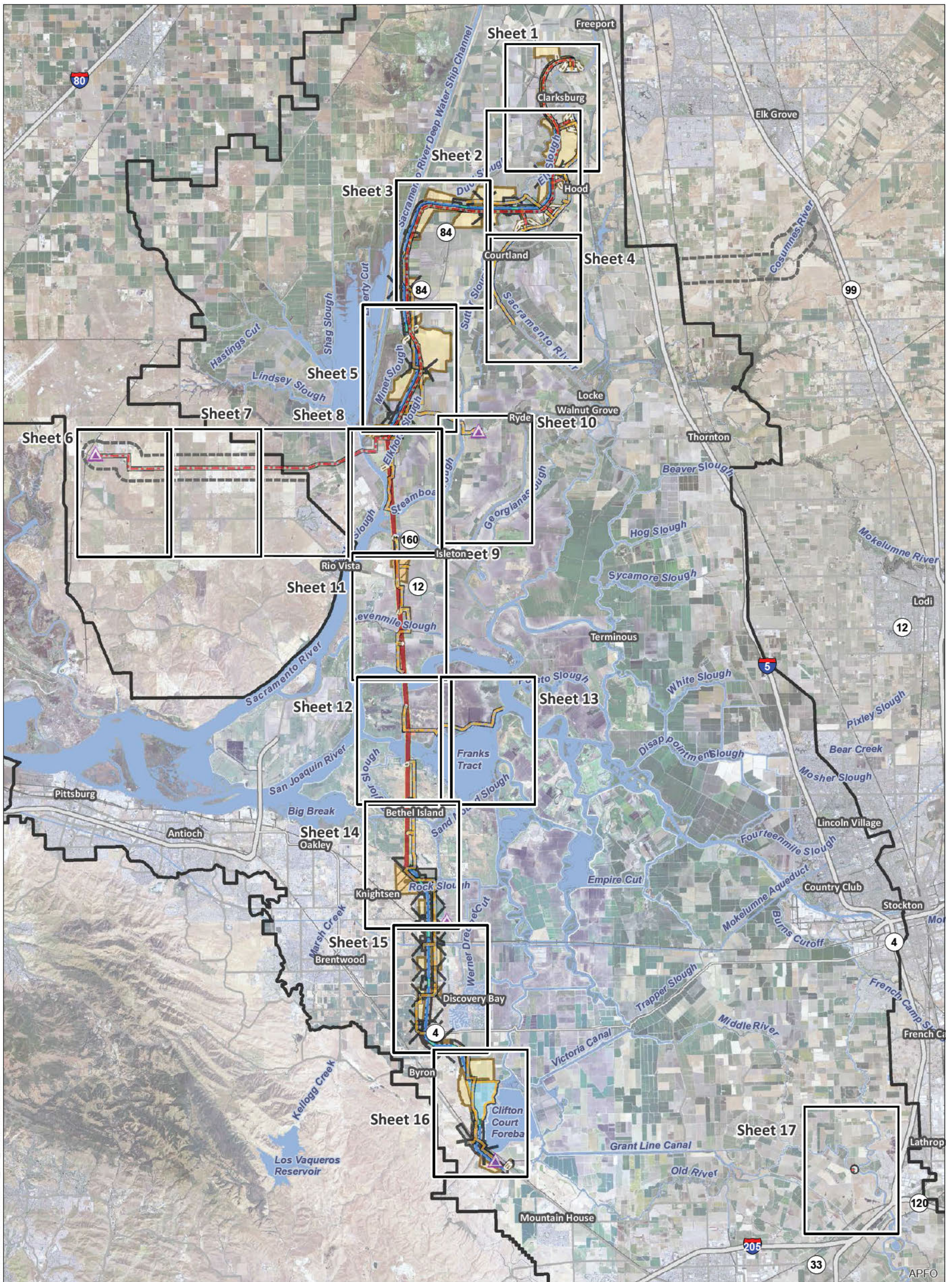


*Surface impacts are not expected to result from subsurface features.
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Sources: DWR DHCCP Engineering (rev 10c); NAIP 2012

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

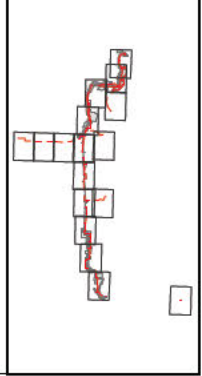


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Legend	
	Interstate
	State Highway/Route
	Railroad
	Plan Area
	Areas of Additional Analysis (Outside of Legal Delta, for Power Only)
	Water
	Interconnection Point
	Permanent OH Transmission Line
	Temporary OH Transmission Line
	Bridge
	Canal
	Control Structure
	Conveyance / Intake Pipeline
	Operable Barrier
	Permanent Access Road
	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

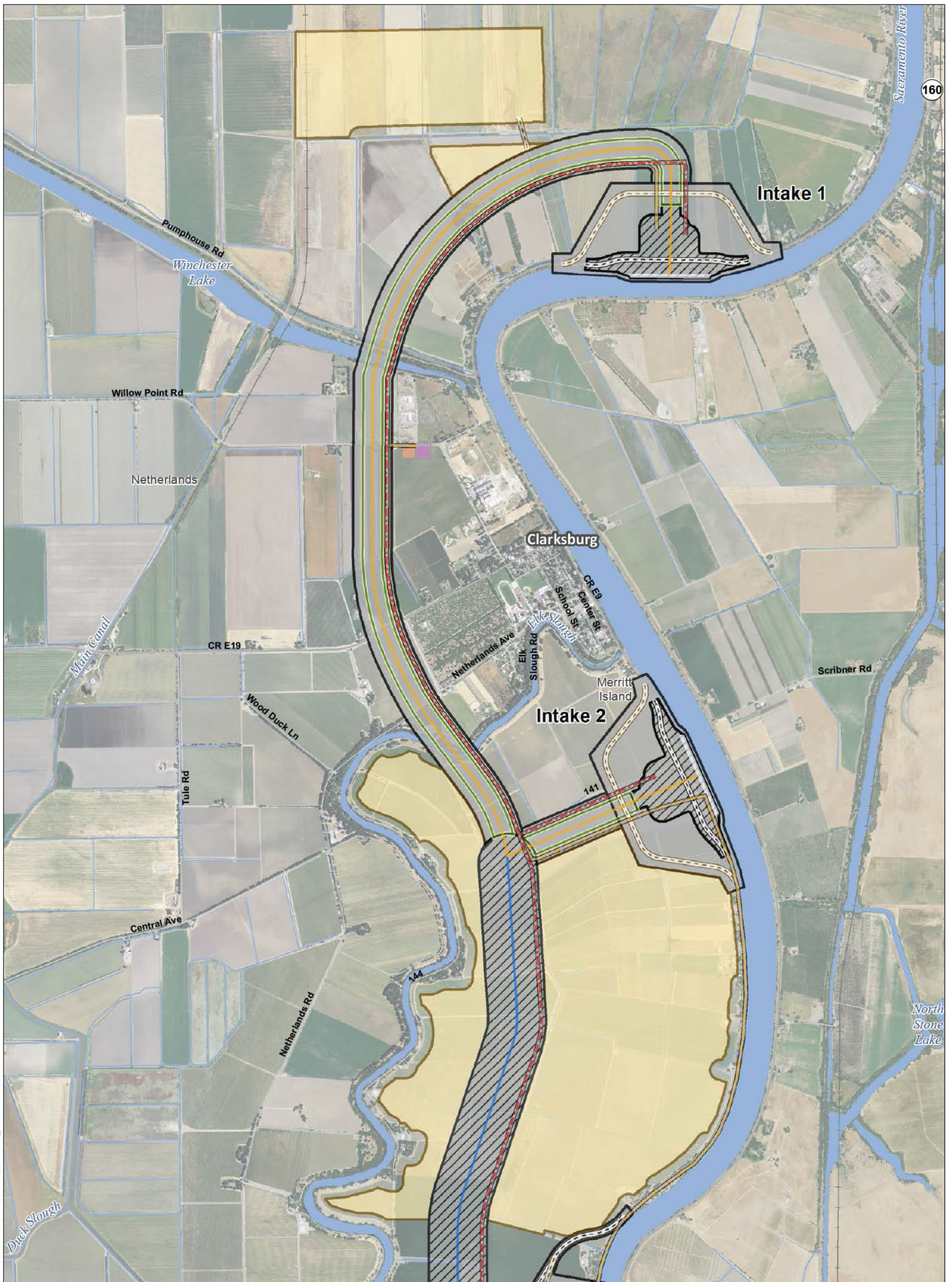
*Surface impacts are not expected to result from subsurface features.

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



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

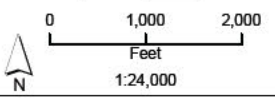
Figure M3-3: Index West Alignment (Alternatives 1C, 2C, and 6C)



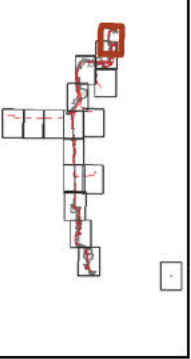
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Legend

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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 | | |

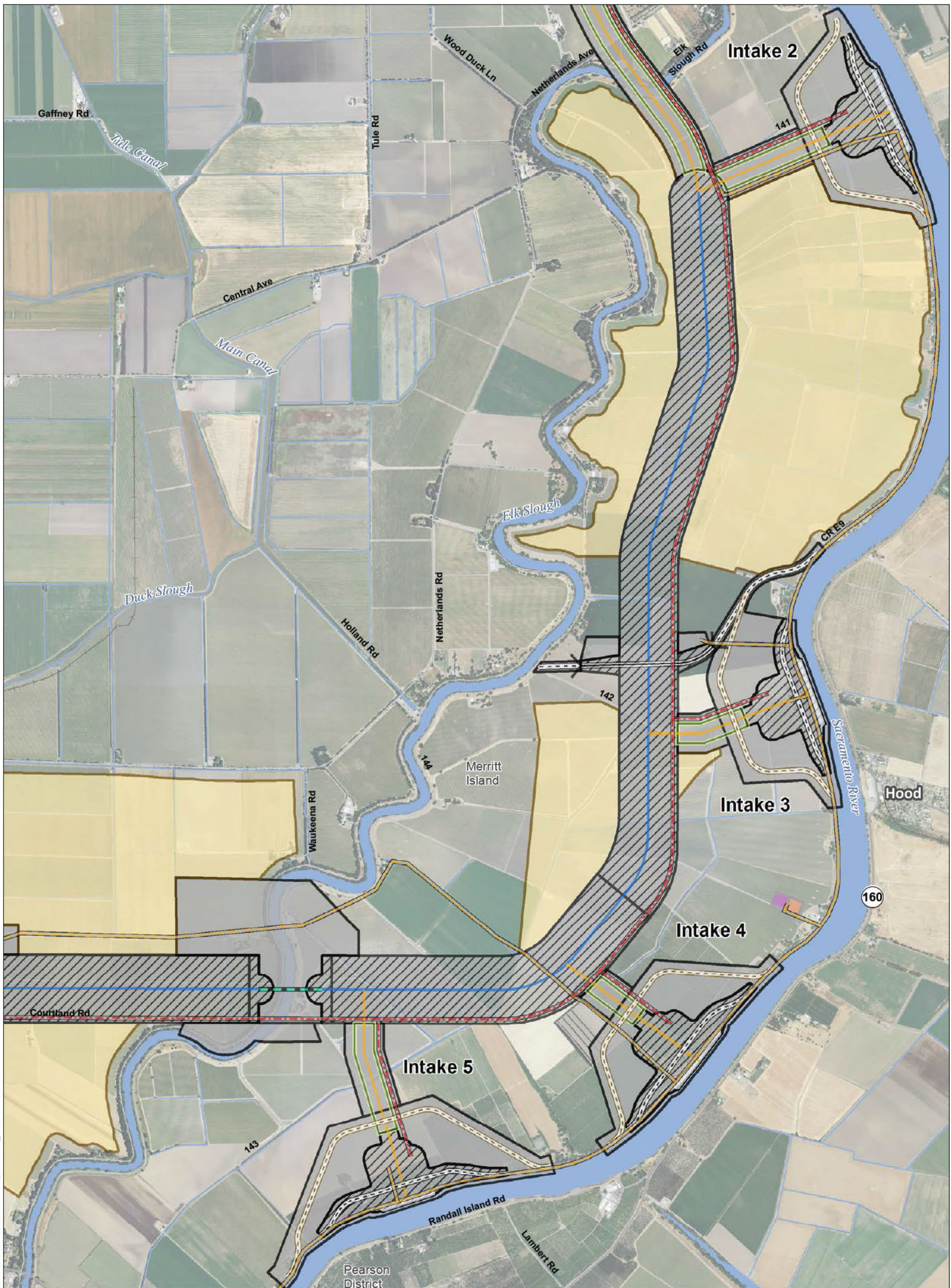


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

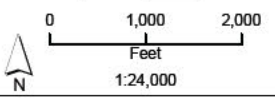
**Figure M3-3: Sheet 1 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



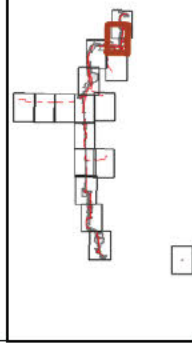
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Legend

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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 | | |

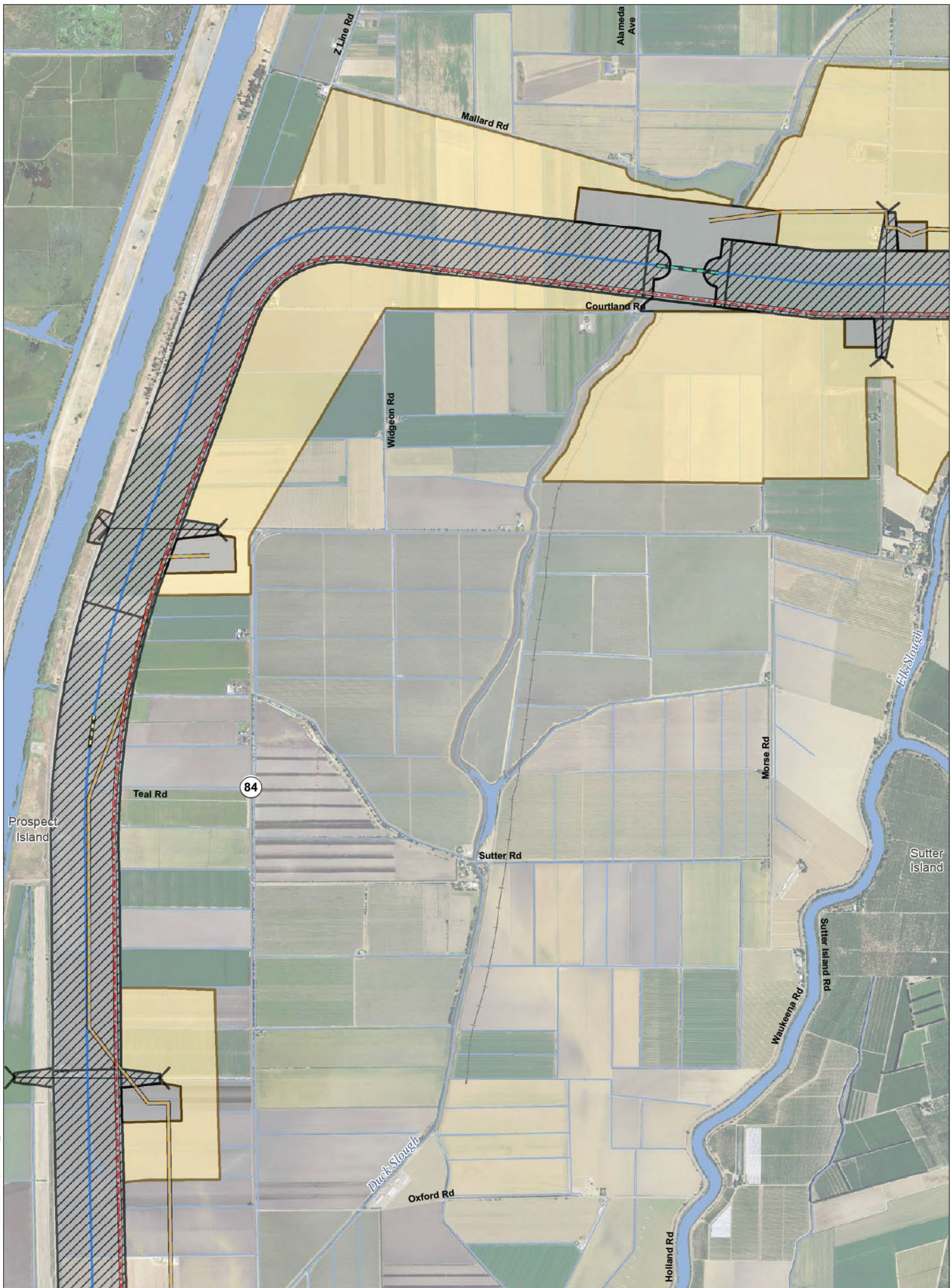


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 **In-river features are not a permanent impact to navigation.



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

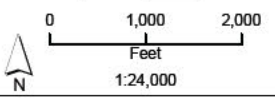
**Figure M3-3: Sheet 2 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



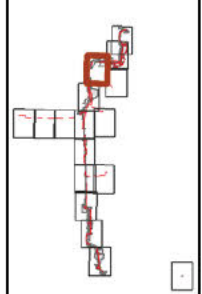
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Legend

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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

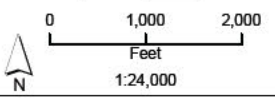
**Figure M3-3: Sheet 3 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



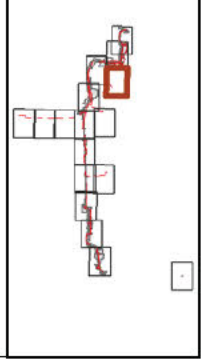
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Legend

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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 | | |

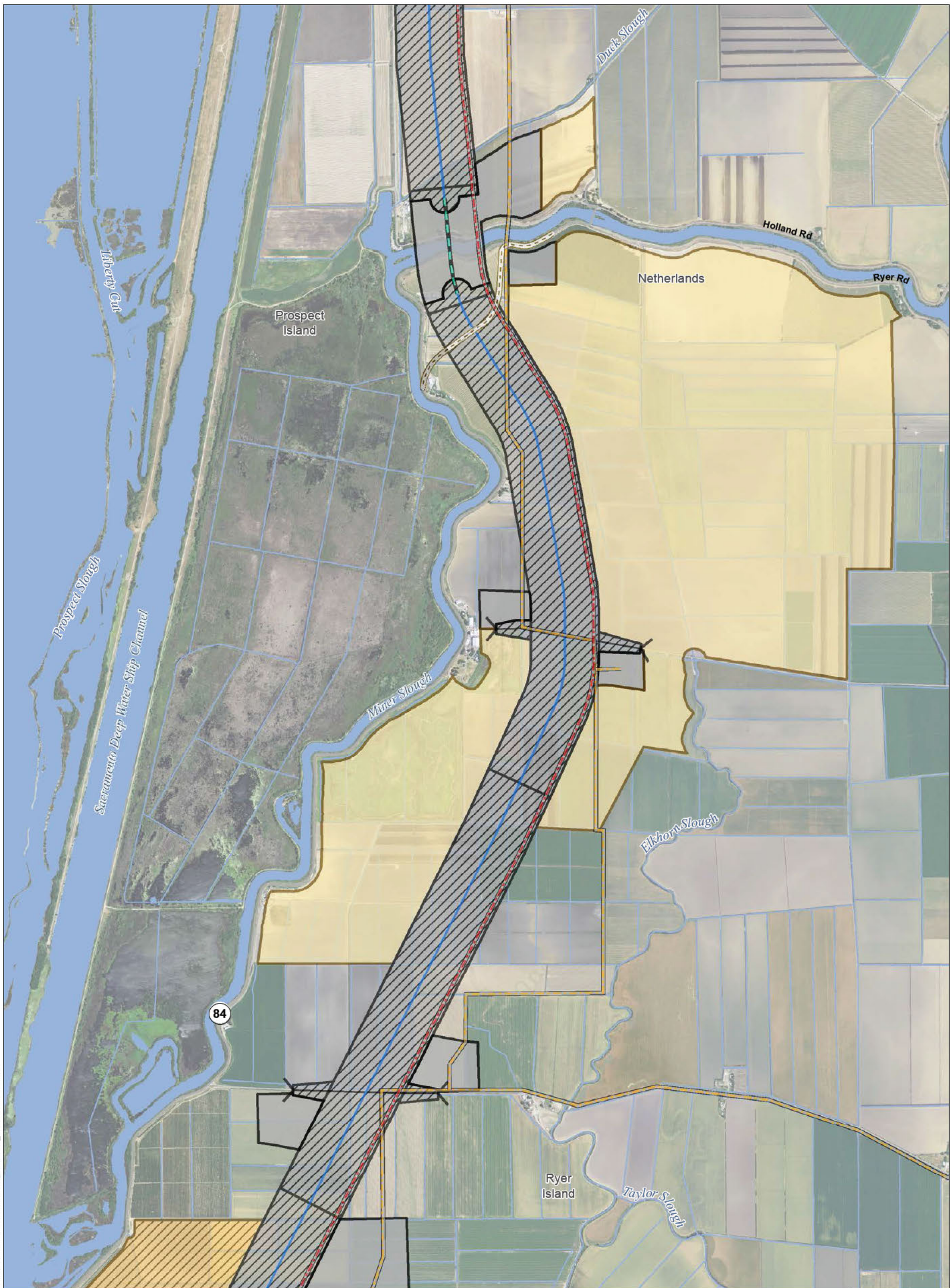


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 **In-river features are not a permanent impact to navigation.



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

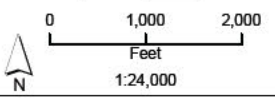
**Figure M3-3: Sheet 4 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



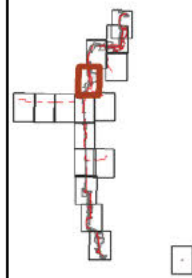
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Legend

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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 | | |

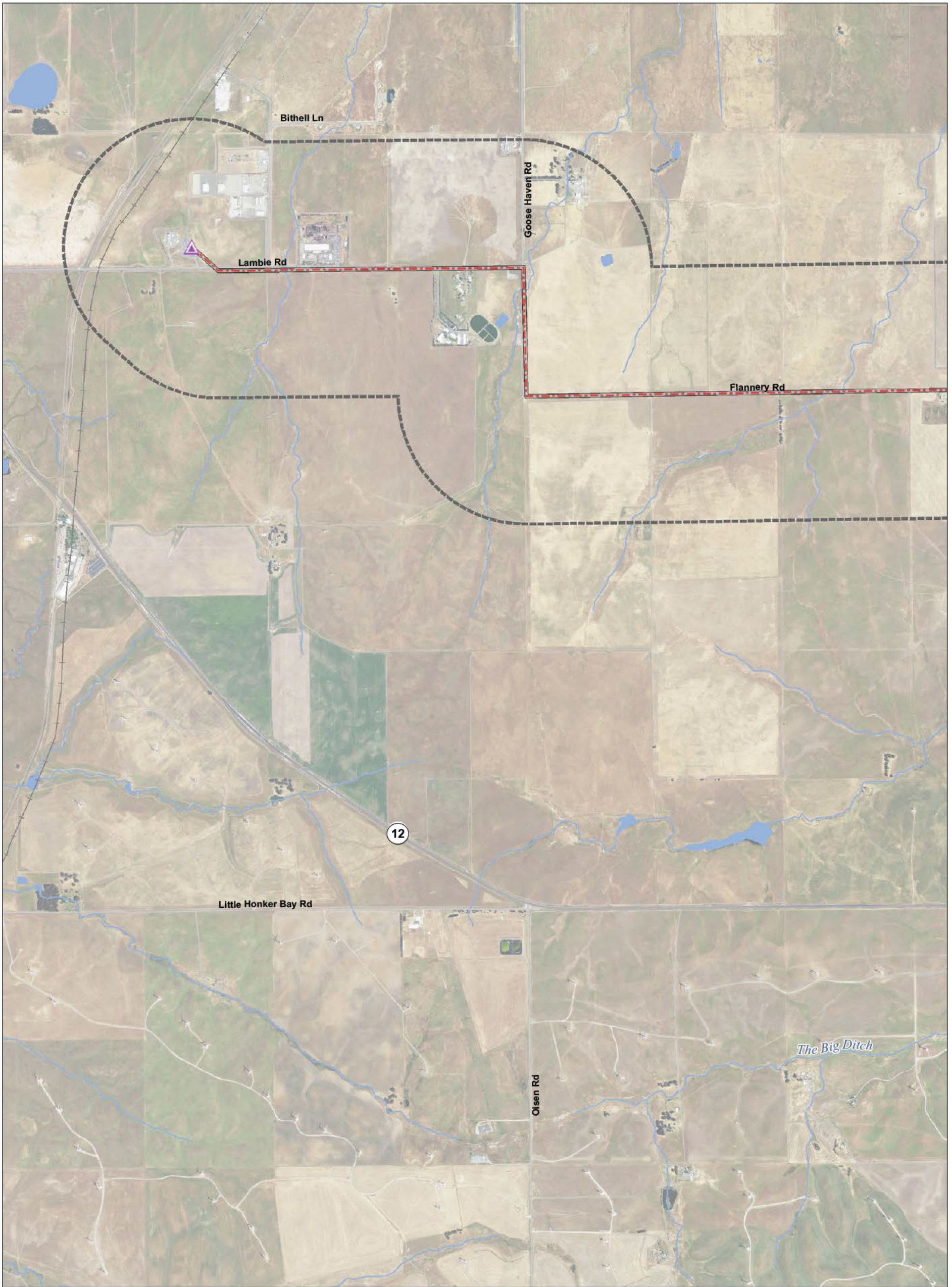


*Surface impacts are not expected to result from subsurface features.
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

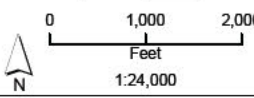
**Figure M3-3: Sheet 5 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



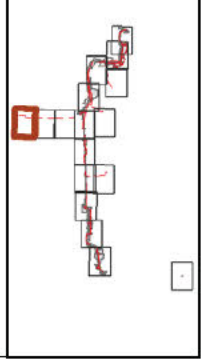
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Legend

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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 | | |

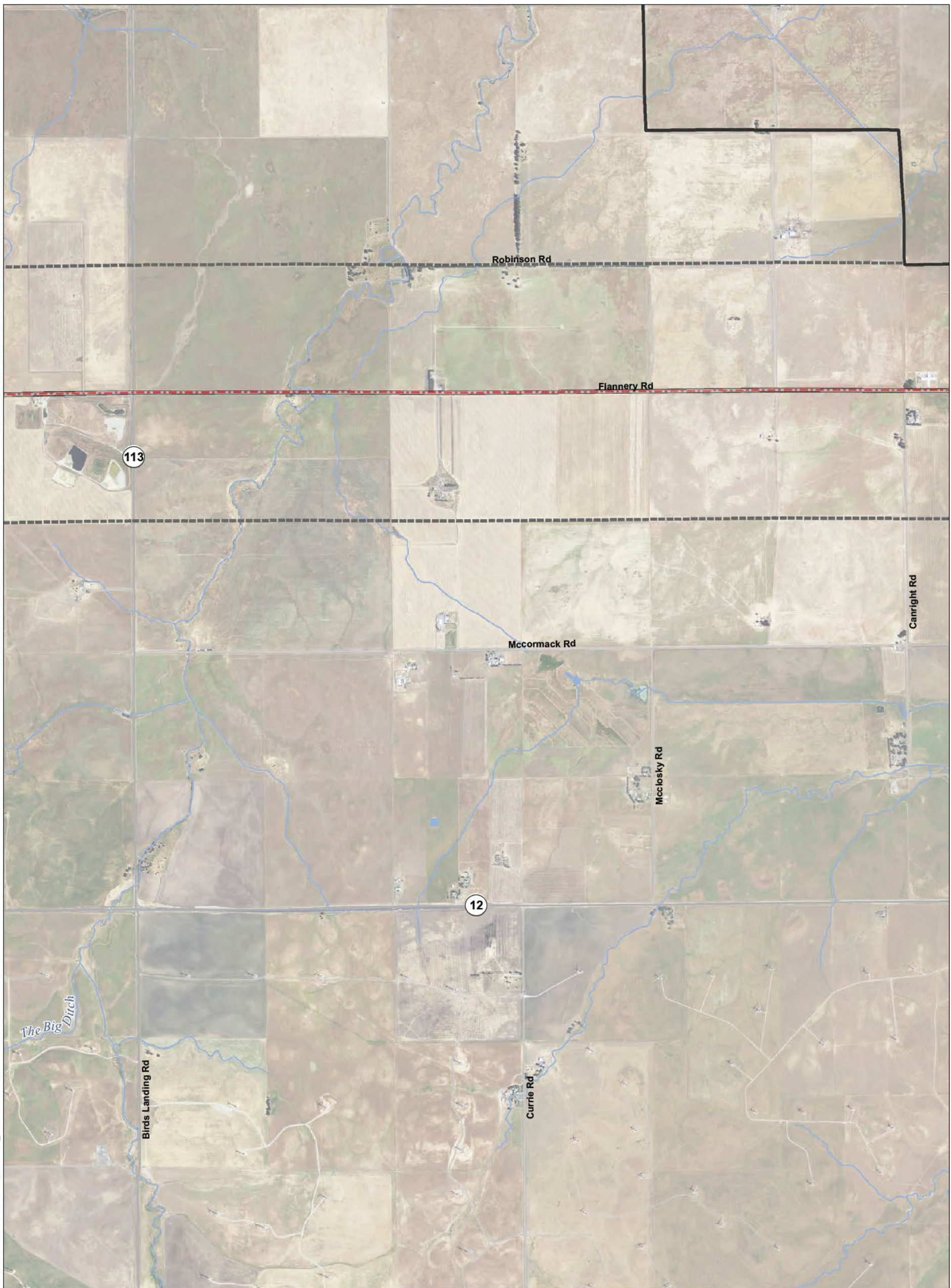


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

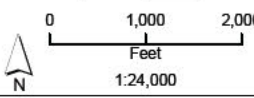
**Figure M3-3: Sheet 6 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



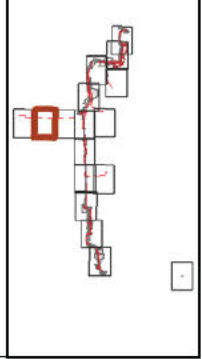
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Legend

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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 | | |



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

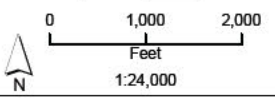
**Figure M3-3: Sheet 7 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



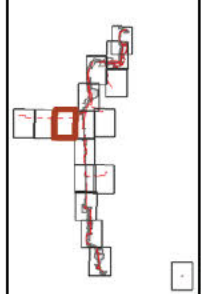
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Legend

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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 | | |

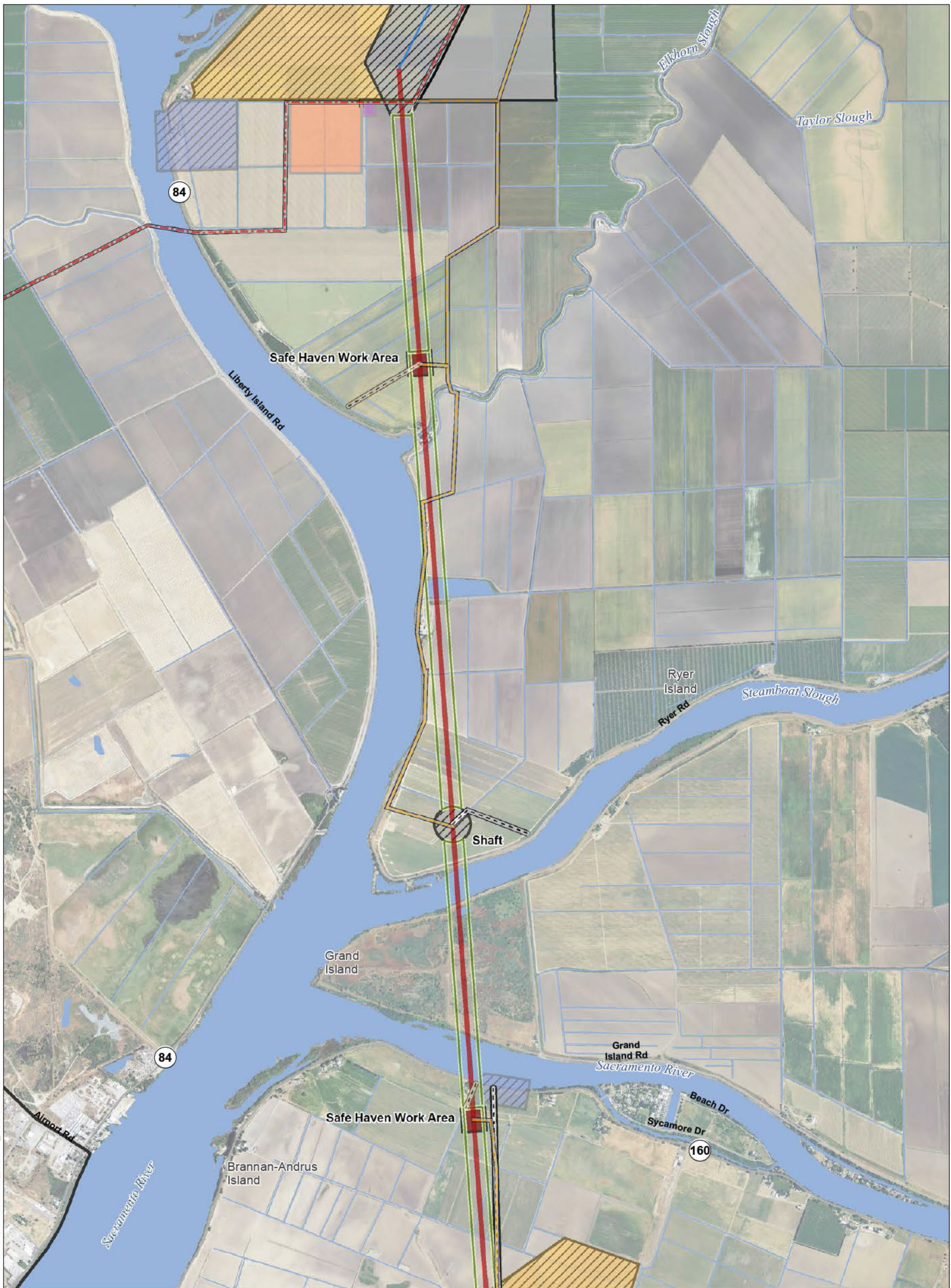


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

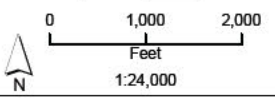
**Figure M3-3: Sheet 8 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



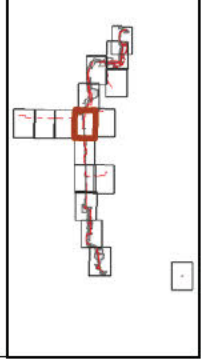
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Legend

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

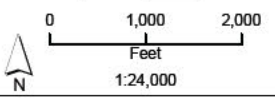
**Figure M3-3: Sheet 9 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



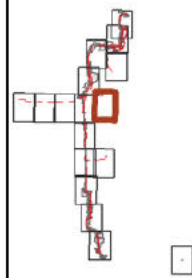
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Legend

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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 | | |

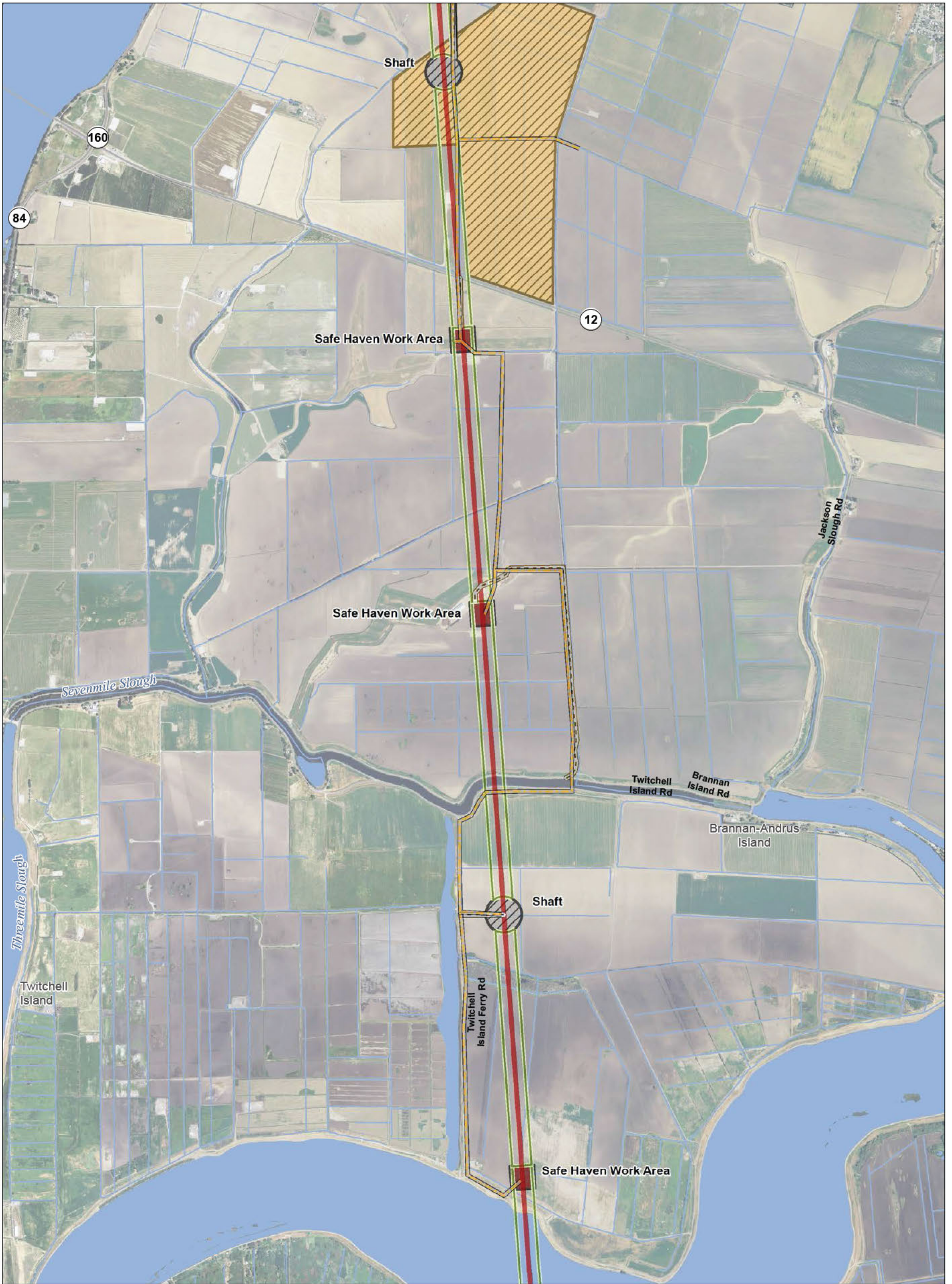


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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

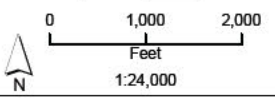
**Figure M3-3: Sheet 10 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



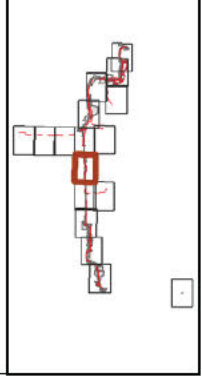
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Legend

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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

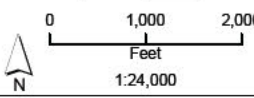
**Figure M3-3: Sheet 11 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



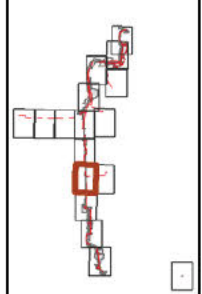
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Legend

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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 | | |



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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

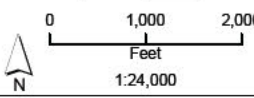
**Figure M3-3: Sheet 12 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



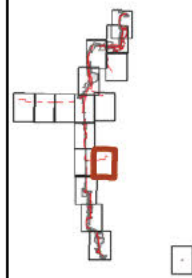
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Legend

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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 | | |

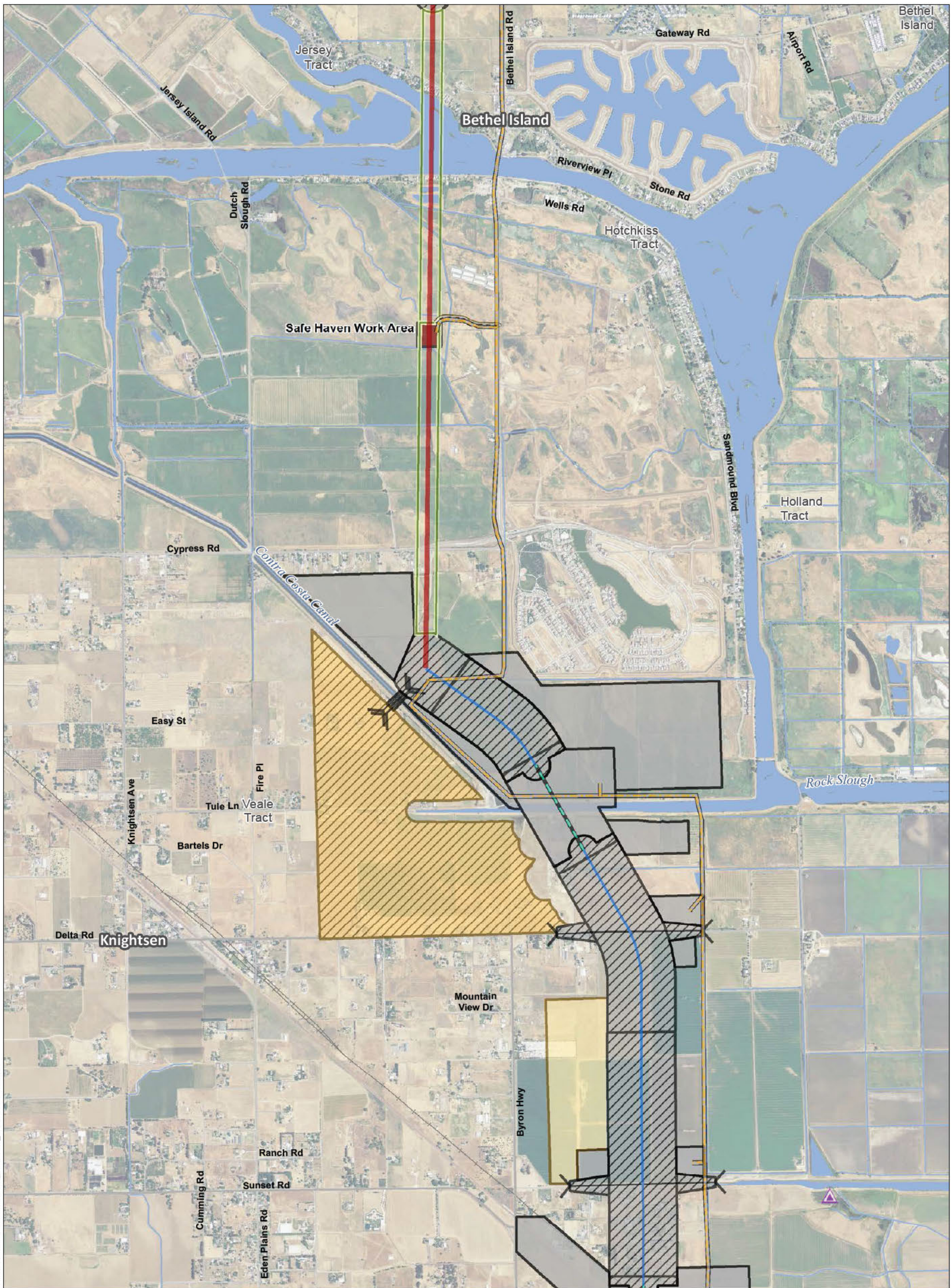


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

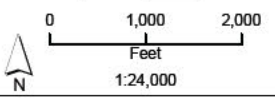
**Figure M3-3: Sheet 13 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



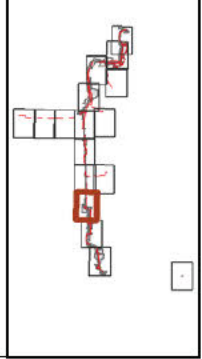
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Legend

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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 | | |

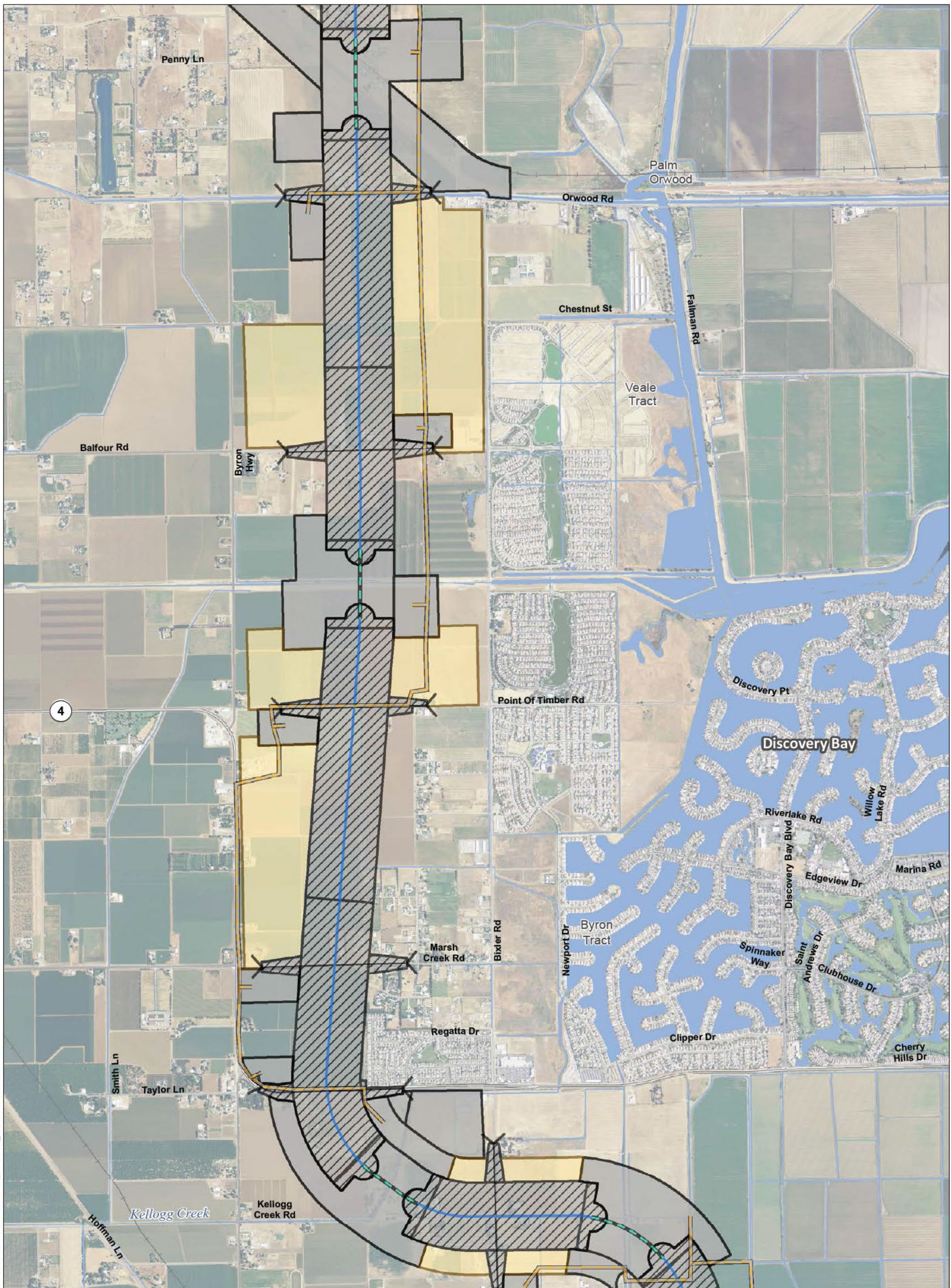


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

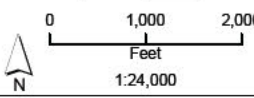
**Figure M3-3: Sheet 14 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



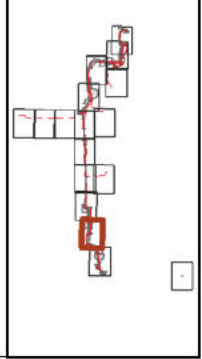
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Legend

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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

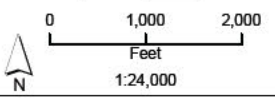
**Figure M3-3: Sheet 15 of 17
 West Alignment (Alternatives 1C, 2C, and 6C)**



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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 | | |

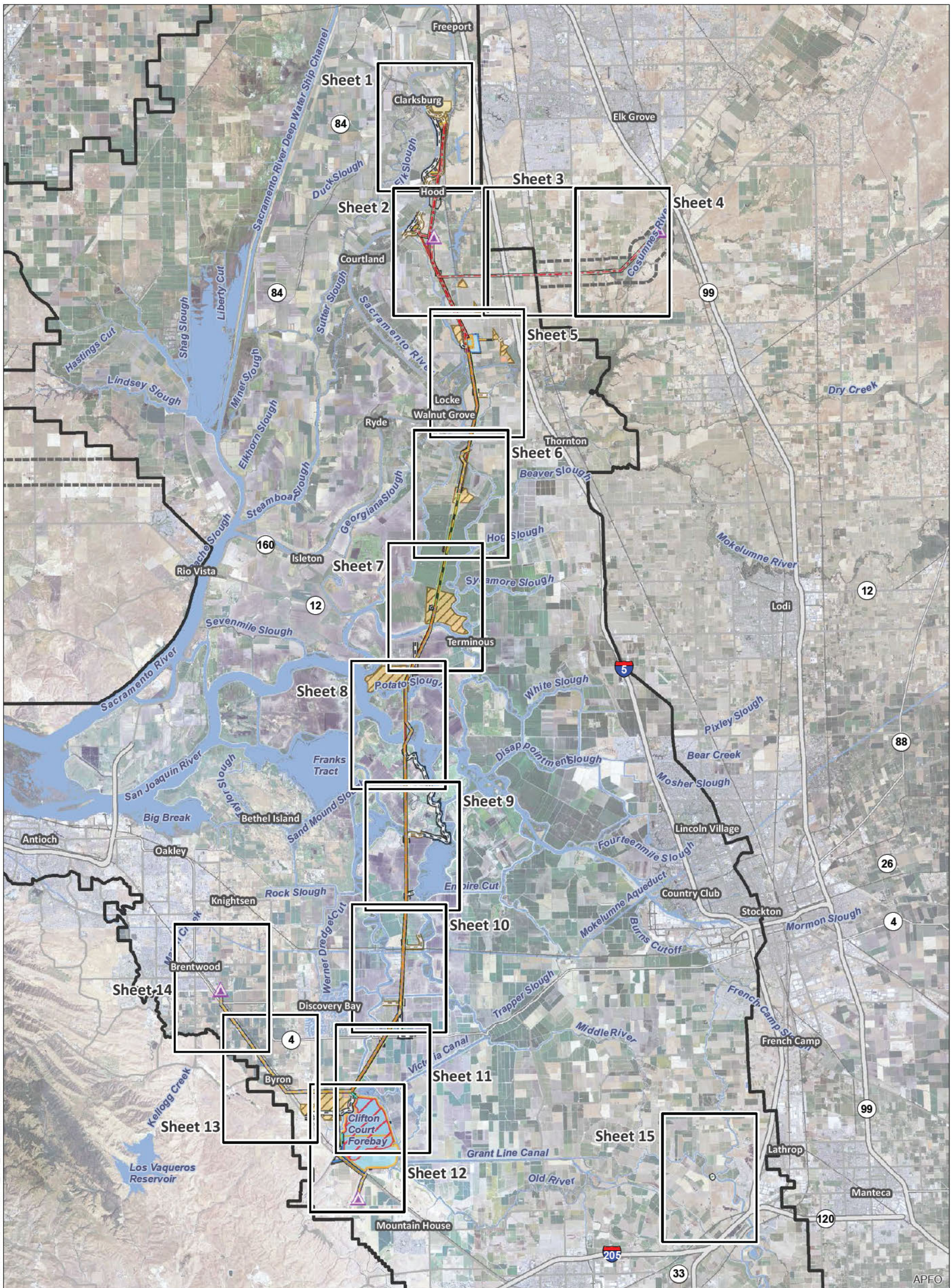


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



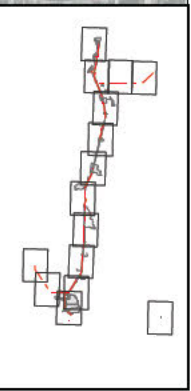
Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 10b); NA P 2012

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



Legend Interstate State Highway/Route Railroad Plan Area Areas of Additional Analysis (Outside of Legal Delta; for Power Only) Water Interconnection Point		Proposed Permanent OH Transmission Line Proposed Temporary OH Transmission Line Canal Conveyance Pipeline Operable Barrier Permanent Access Road Siphon Temporary Access Road Tunnel Tunnel Material Conveyor		Forebay Dredging Area Forebay Forebay Embankment Forebay Overflow Intake *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	
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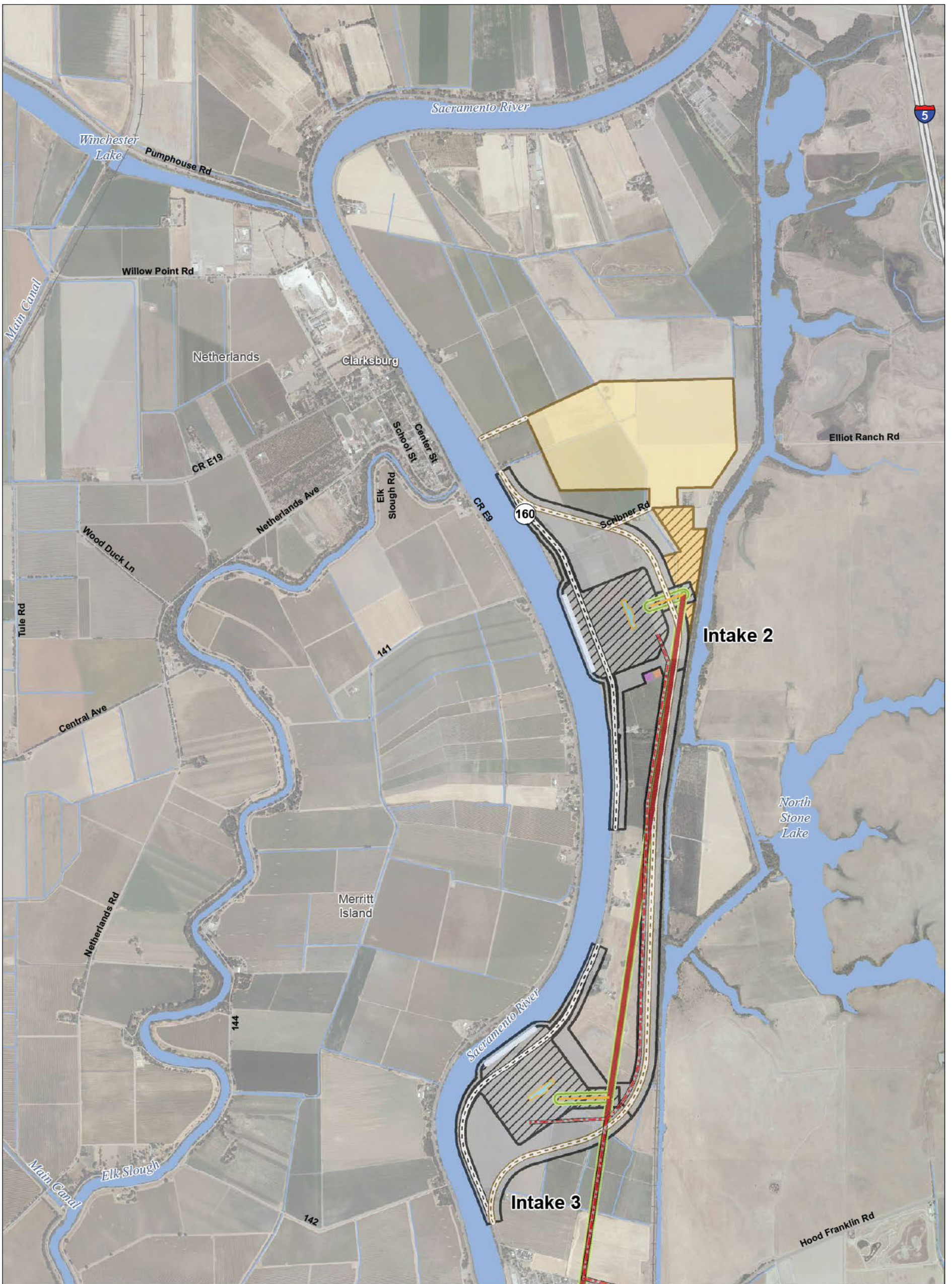
*Surface impacts are not expected to result from subsurface features. **In-river features are not a permanent impact to navigation.



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Sources: DWR DHCCP Engineering (rev 2c); NA P 2012

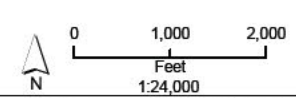
Figure M3-4: Index Modified Pipeline/Tunnel Alignment (Alternative 4)



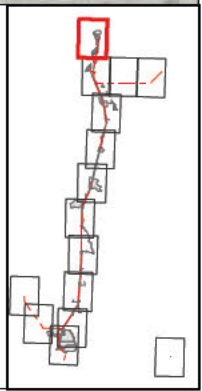
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Legend

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

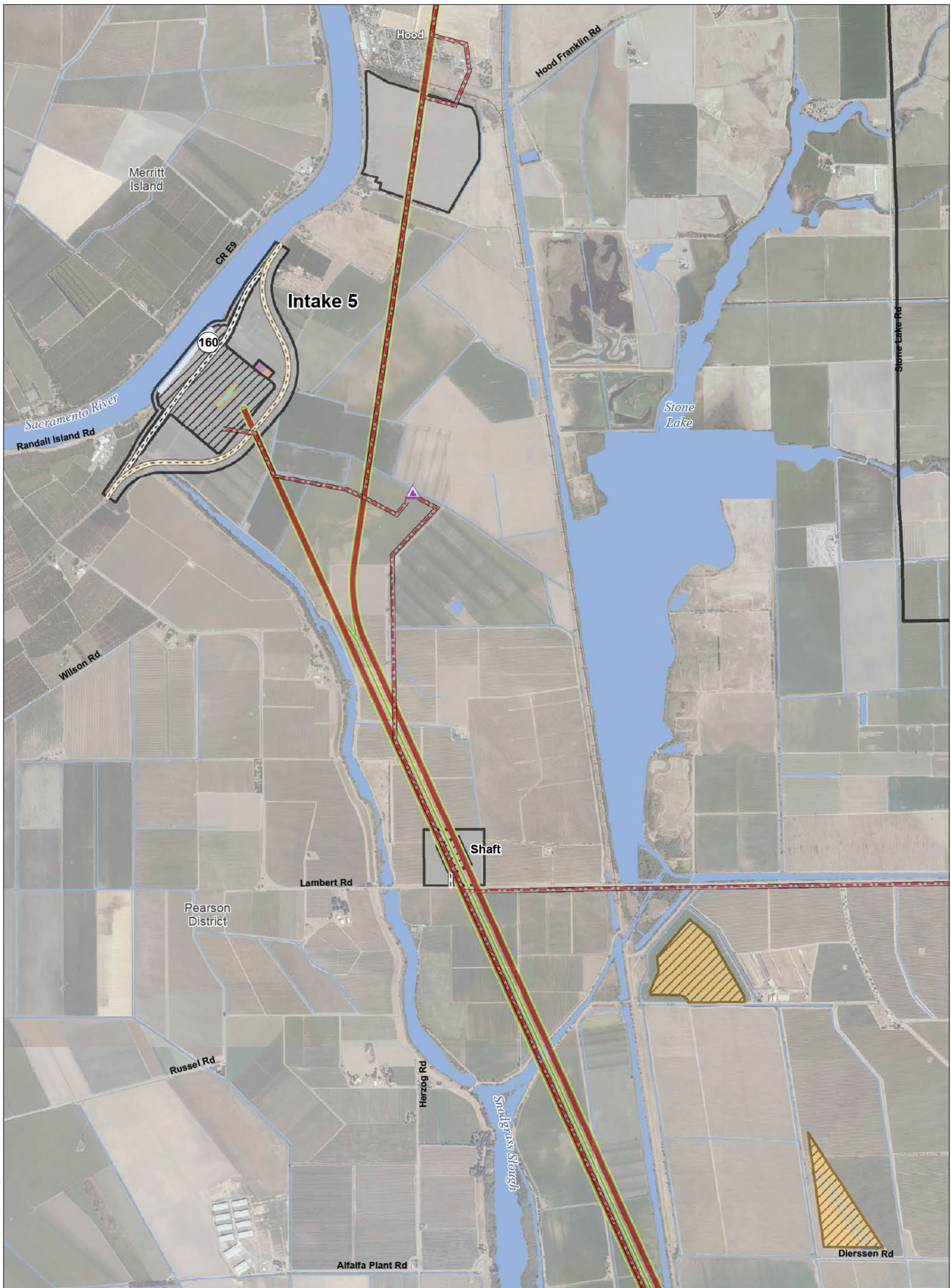


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

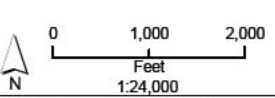
Figure M3-4: Sheet 1 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



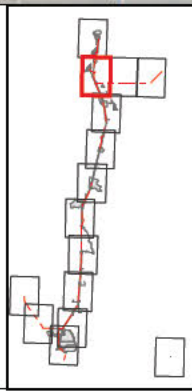
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Legend

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

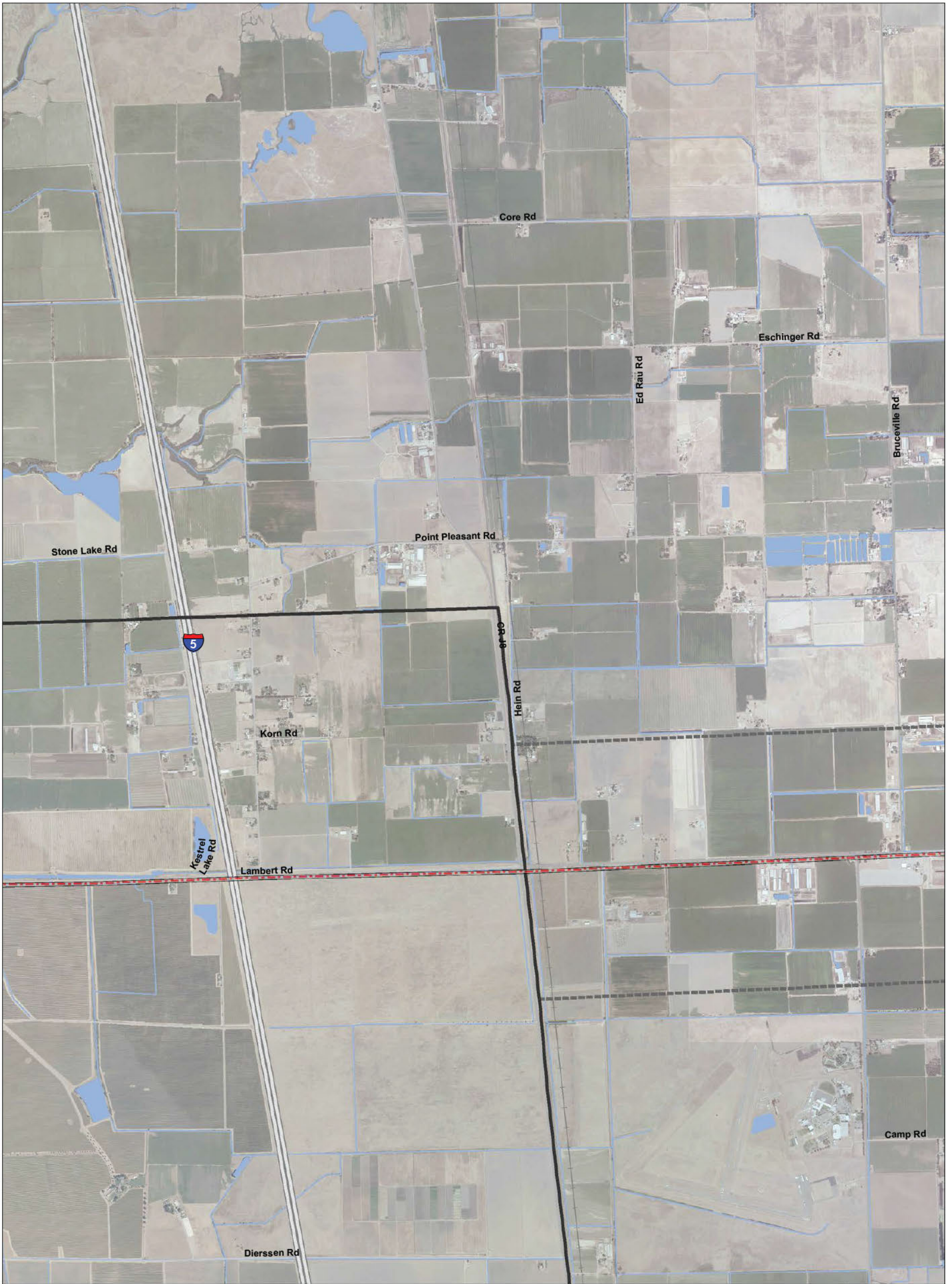


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

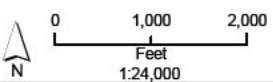
Figure M3-4: Sheet 2 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



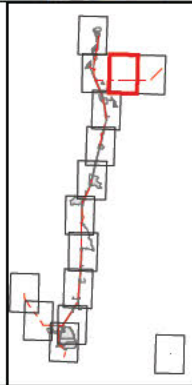
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Legend

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

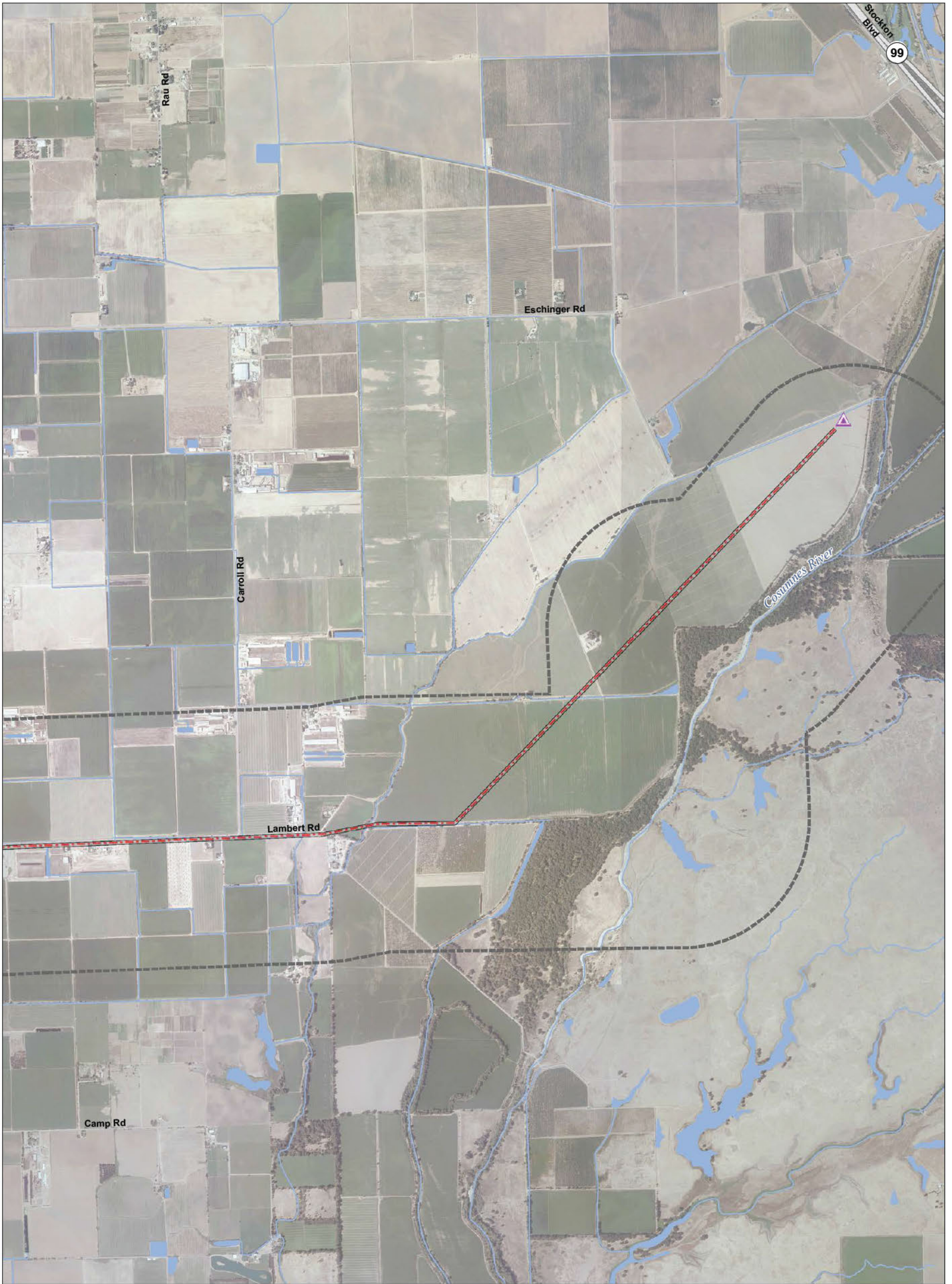


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

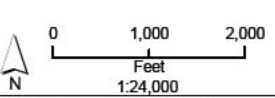
Figure M3-4: Sheet 3 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



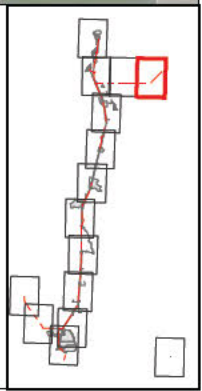
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Legend

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

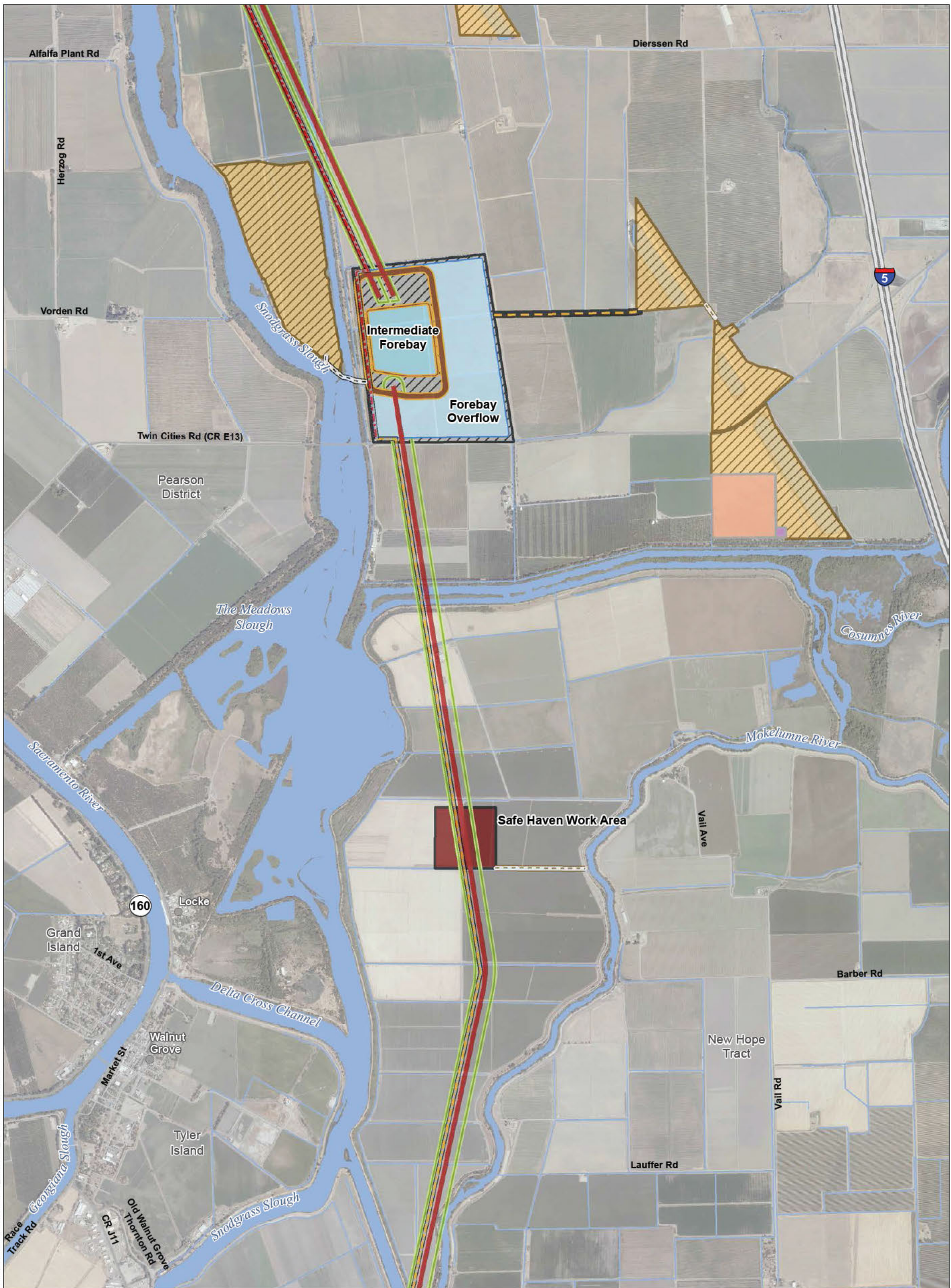


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

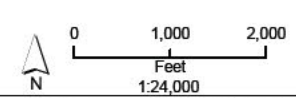
Figure M3-4: Sheet 4 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



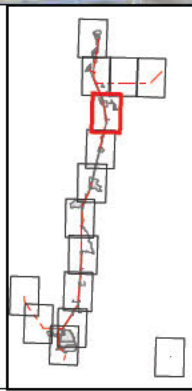
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Legend

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

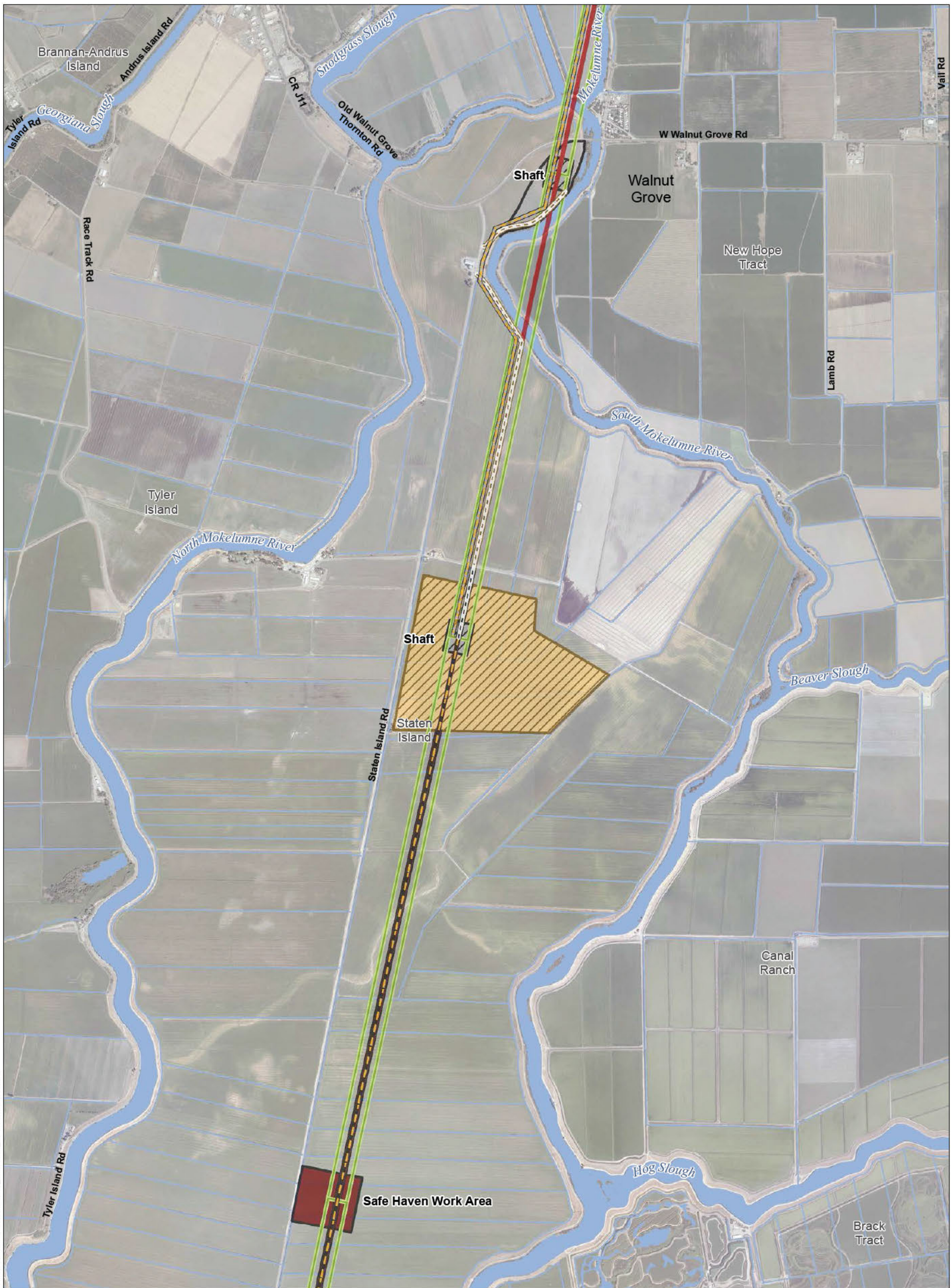


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

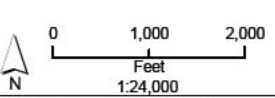
Figure M3-4: Sheet 5 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



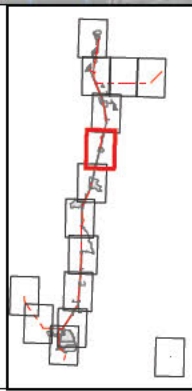
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Legend

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

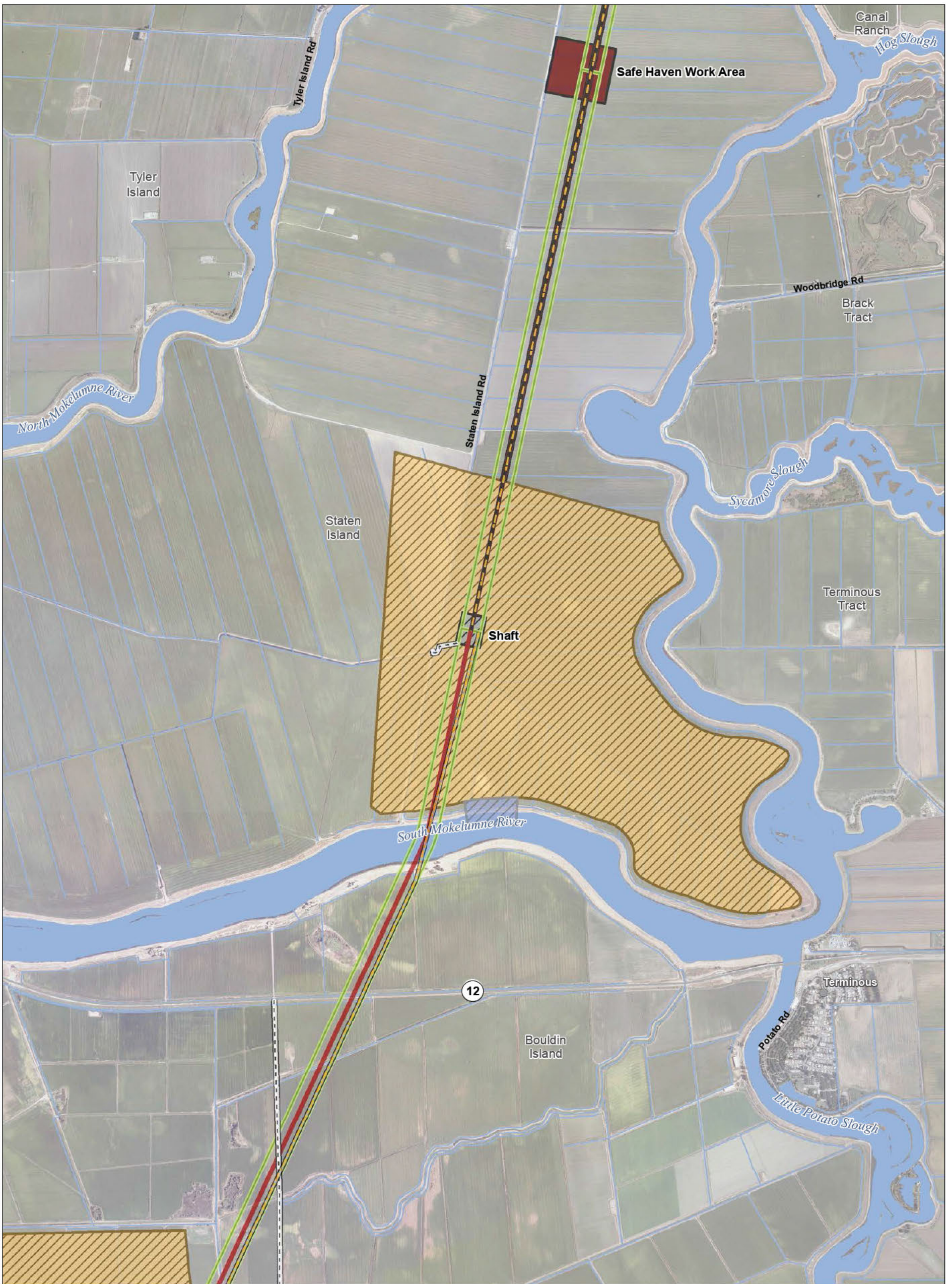


*Surface impacts are not expected to result from subsurface features.
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

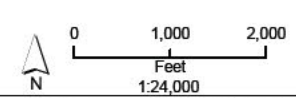
Figure M3-4: Sheet 6 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



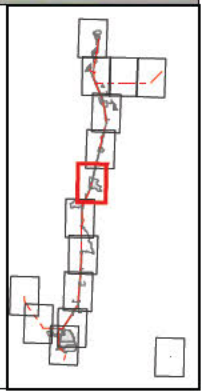
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Legend

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

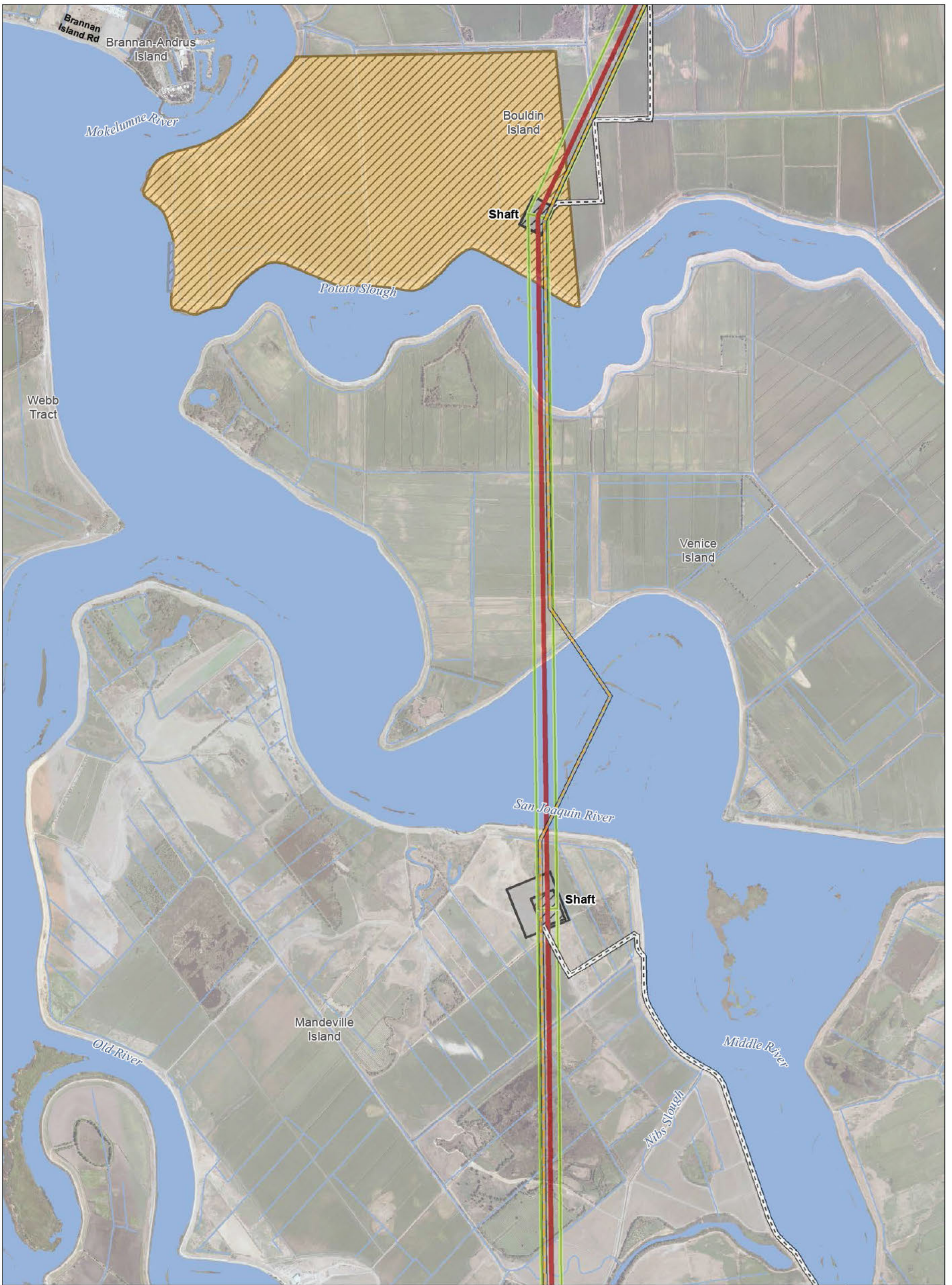


*Surface impacts are not expected to result from subsurface features.
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Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

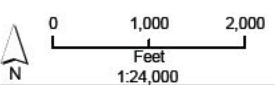
Figure M3-4: Sheet 7 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



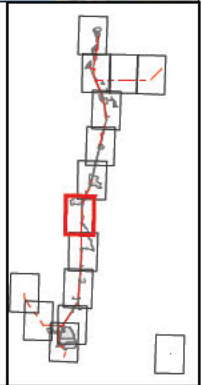
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Legend

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

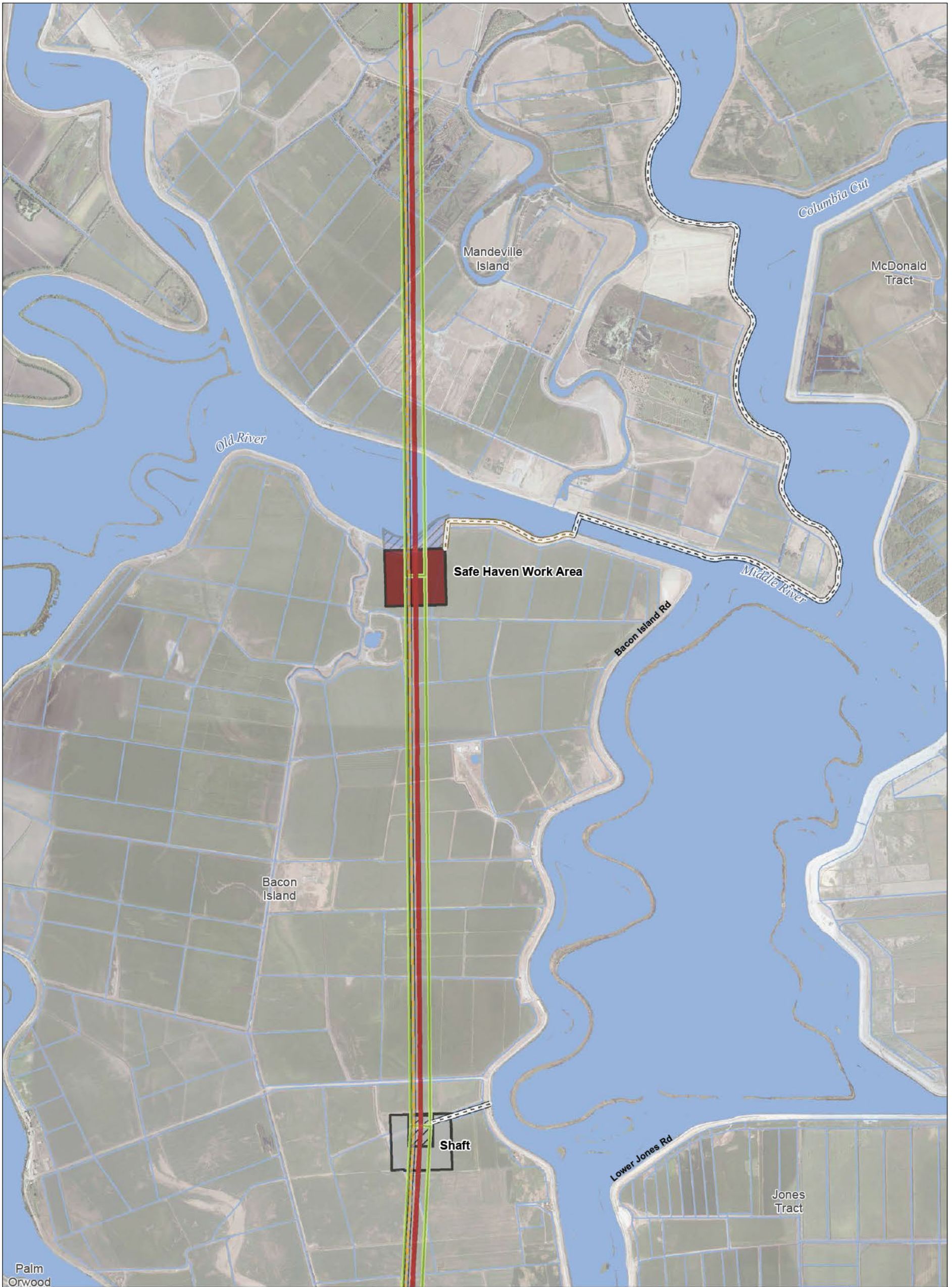


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

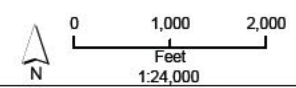
Figure M3-4: Sheet 8 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



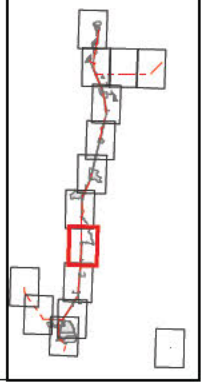
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Legend

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

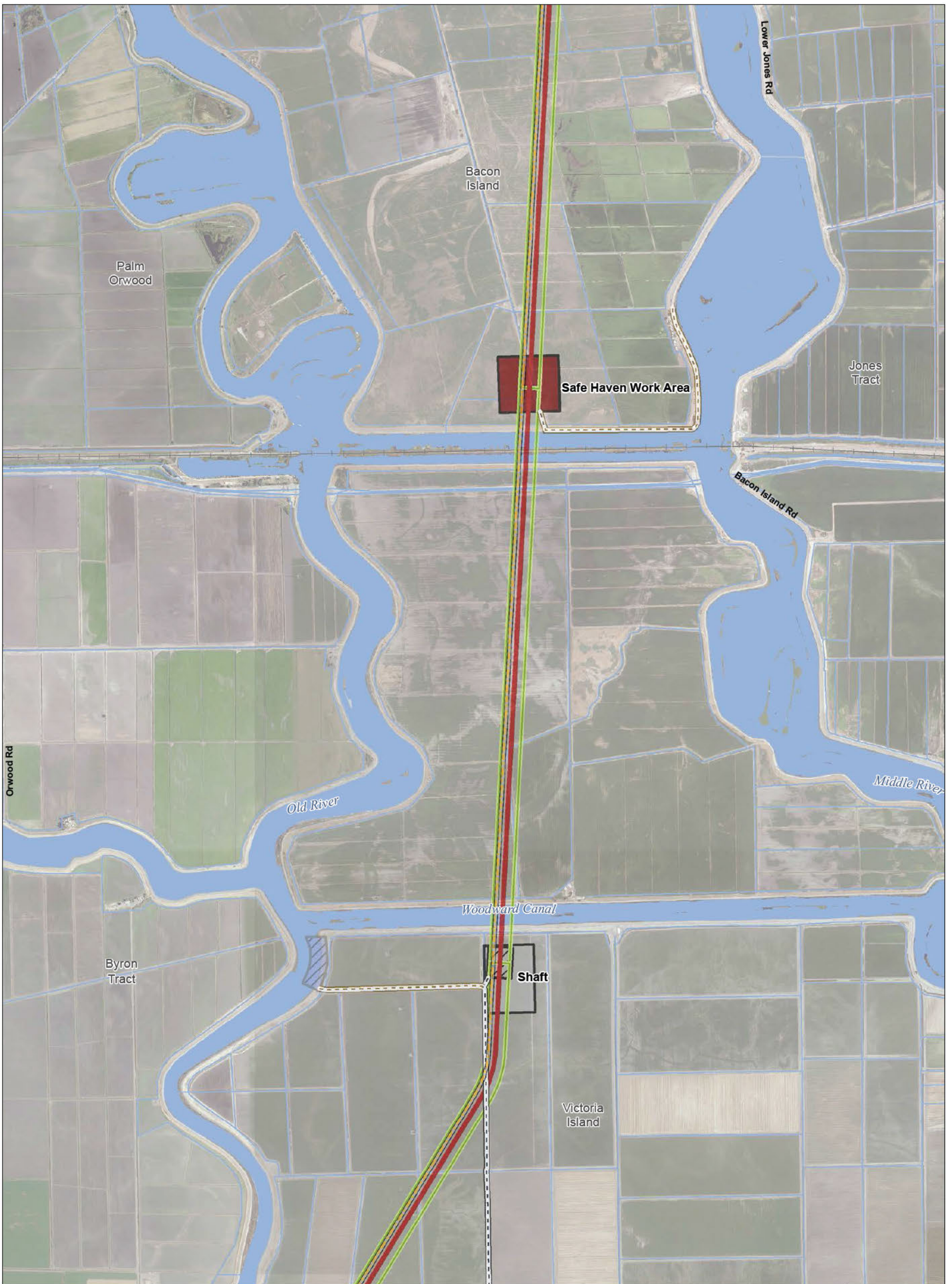


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

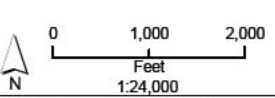
Figure M3-4: Sheet 9 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



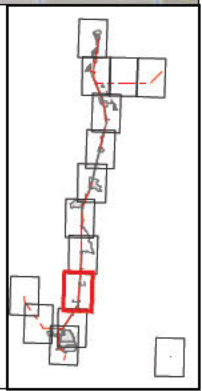
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Legend

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

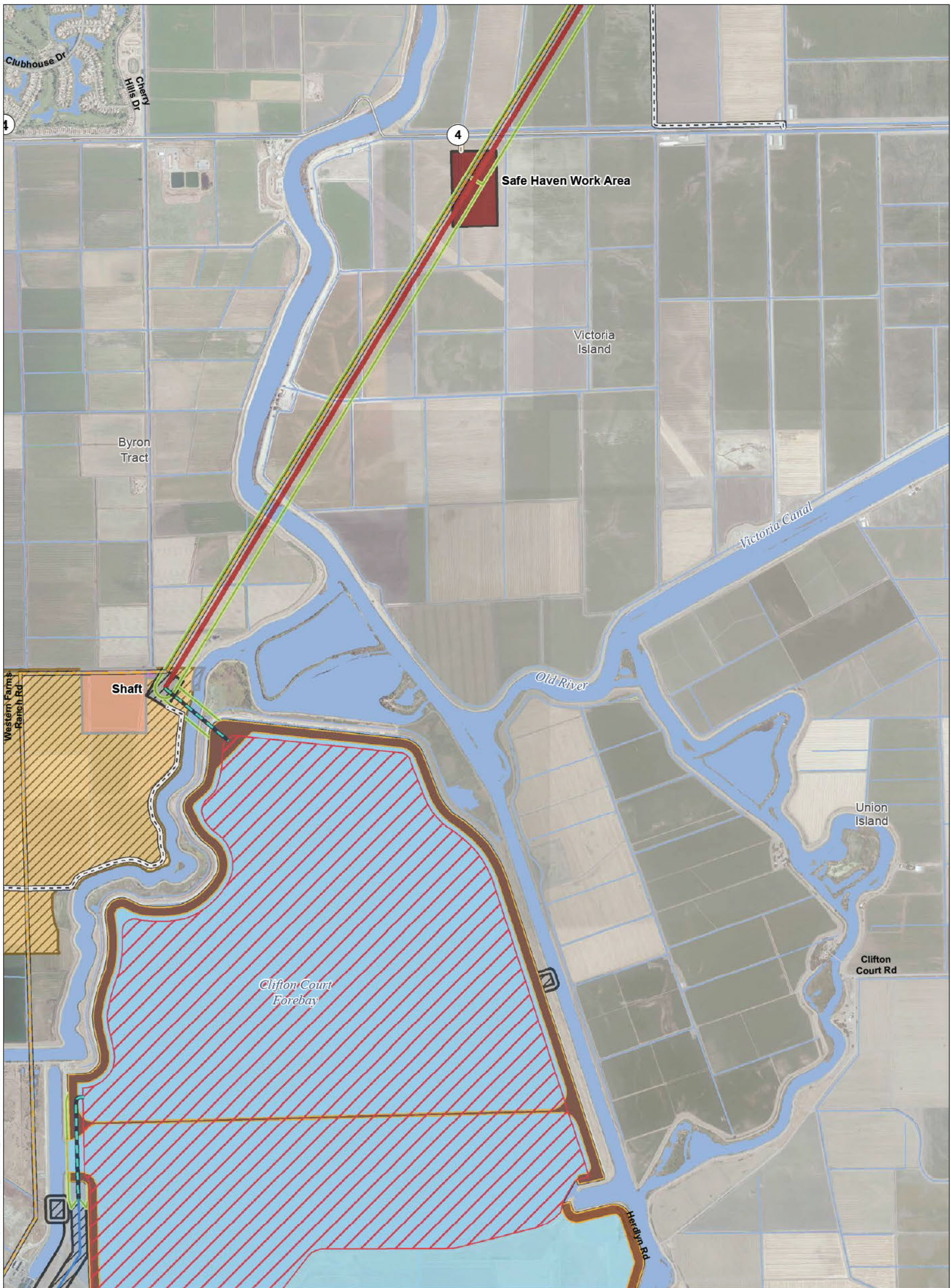


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

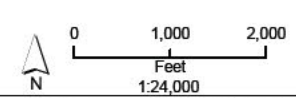
Figure M3-4: Sheet 10 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



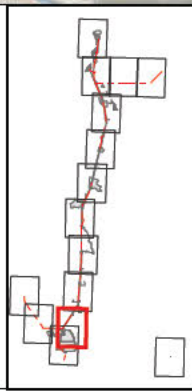
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Legend

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

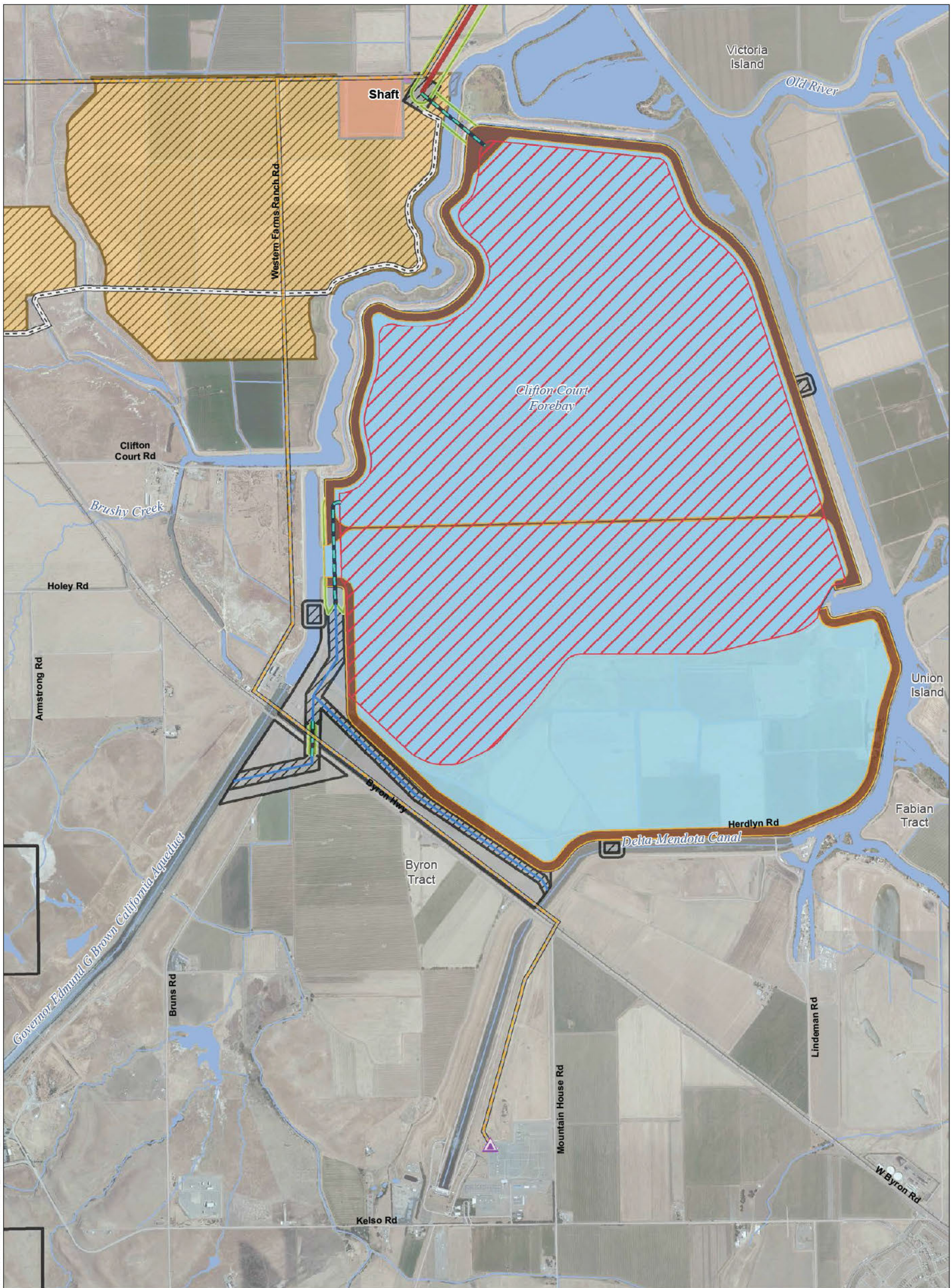


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

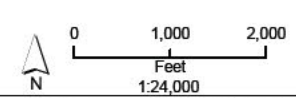
Figure M3-4: Sheet 11 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



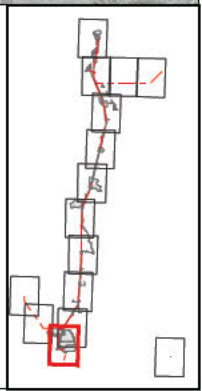
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Legend

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

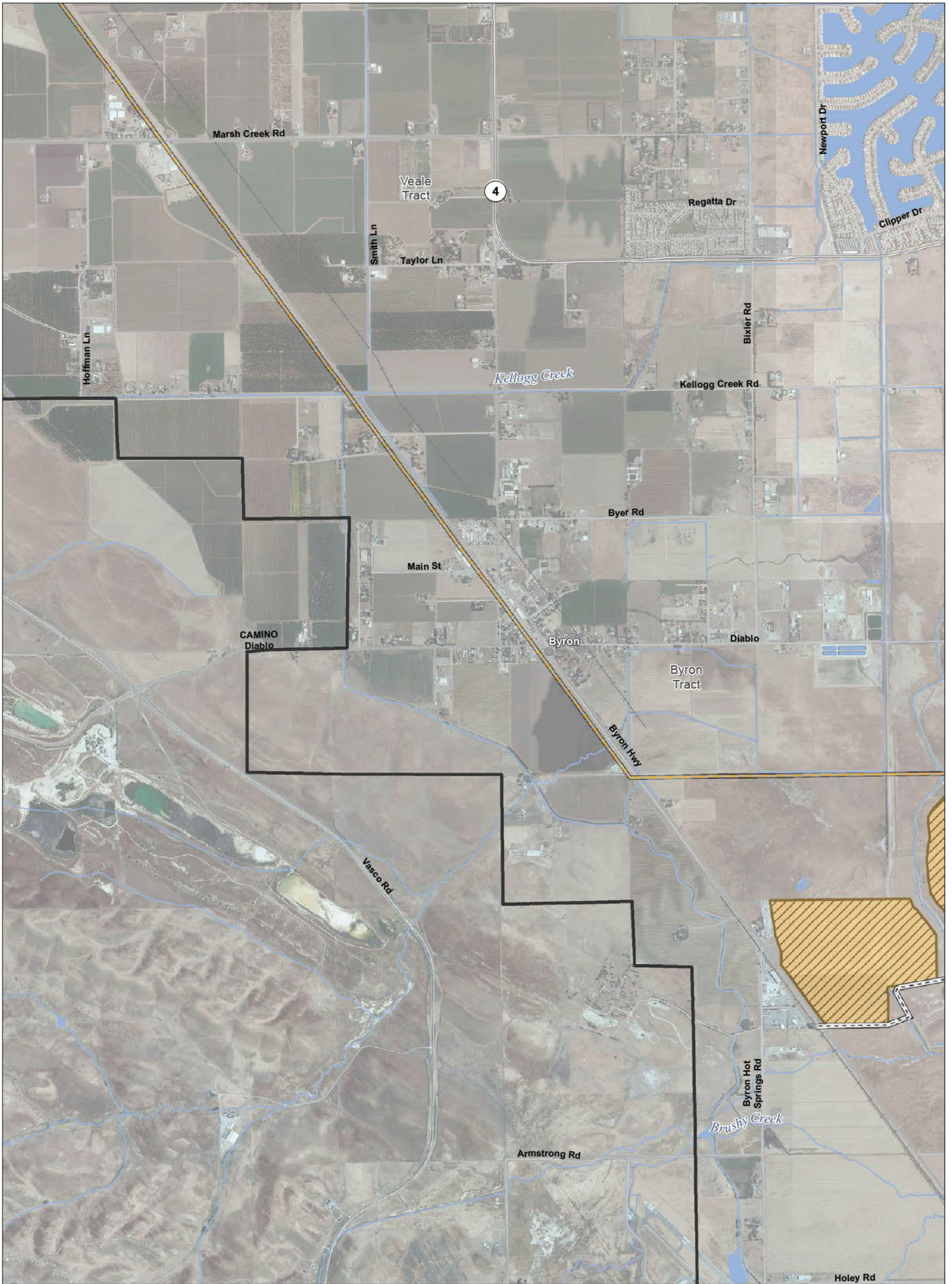


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

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



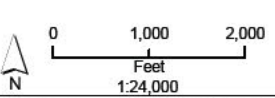
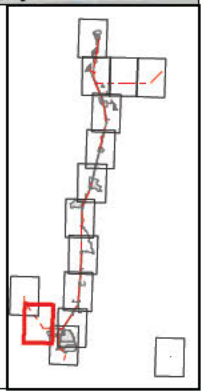
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Legend

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|---|--------------------------|-------------------------------------|
| Plan Area | Conveyance Pipeline | Forebay |
| Areas of Additional Analysis (Outside of Legal Delta; for Power Only) | Operable Barrier | Forebay Embankment |
| Interconnection Point | Permanent Access Road | Forebay Overflow |
| Proposed Permanent OH Transmission Line | Siphon | Intake |
| Proposed Temporary OH Transmission Line | Temporary Access Road | *Proposed Subsurface Easement |
| Canal | Tunnel | **Proposed Permanent Surface Impact |
| | Tunnel Material Conveyor | Proposed Temporary Surface Impact |
| | Forebay Dredging Area | |

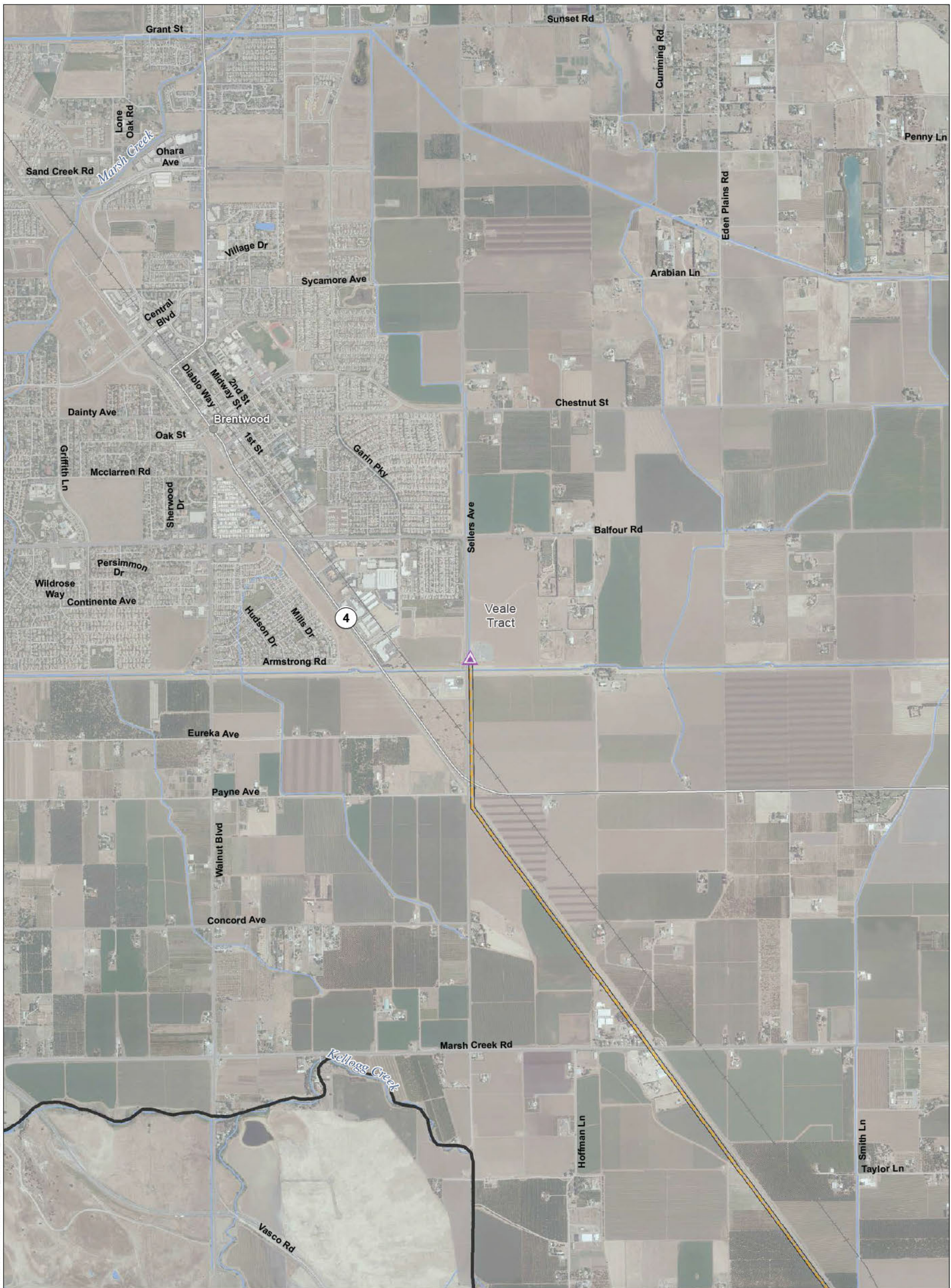
- Proposed Potential Borrow And/Or Spoil
- Reusable Tunnel Material Area
- Barge Unloading Facility
- Safe Haven Work Area
- Fuel Station
- Concrete Batch Plant

*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 2b); NAIP 2012

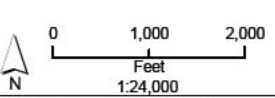
Figure M3-4: Sheet 13 of 15 Modified Pipeline/Tunnel Alignment (Alternative 4)



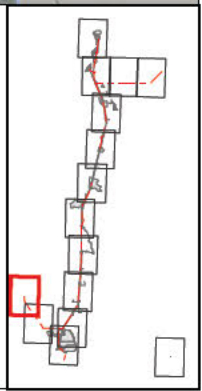
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Legend

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|---|--------------------------|-------------------------------------|--|
| Plan Area | Conveyance Pipeline | Forebay | Proposed Potential Borrow And/Or Spoil |
| Areas of Additional Analysis (Outside of Legal Delta; for Power Only) | Operable Barrier | Forebay Embankment | Reusable Tunnel Material Area |
| Interconnection Point | Permanent Access Road | Forebay Overflow | Barge Unloading Facility |
| Proposed Permanent OH Transmission Line | Siphon | Intake | Safe Haven Work Area |
| Proposed Temporary OH Transmission Line | Temporary Access Road | *Proposed Subsurface Easement | Fuel Station |
| Canal | Tunnel | **Proposed Permanent Surface Impact | Concrete Batch Plant |
| | Tunnel Material Conveyor | Proposed Temporary Surface Impact | |
| | Forebay Dredging 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 2b); NAIP 2012

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

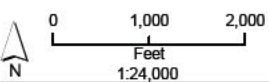
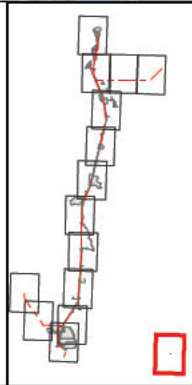


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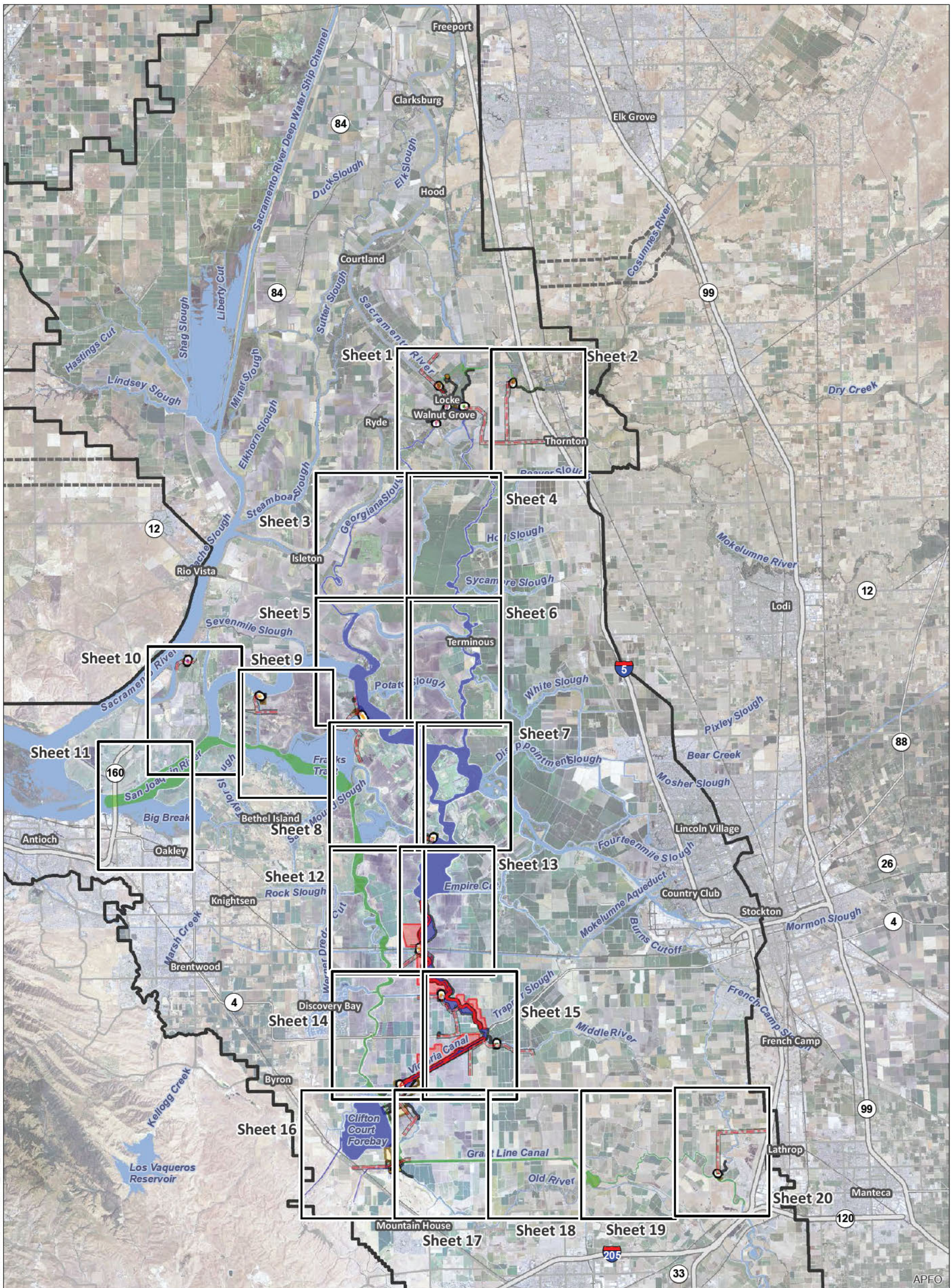
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|---|--------------------------|-------------------------------------|--|
| Plan Area | Conveyance Pipeline | Forebay | Proposed Potential Borrow And/Or Spoil |
| Areas of Additional Analysis (Outside of Legal Delta; for Power Only) | Operable Barrier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

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



Sources: Plan Area, SAIC 2010; DWR DHCCP Engineering (rev 2b); NAIP 2012

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



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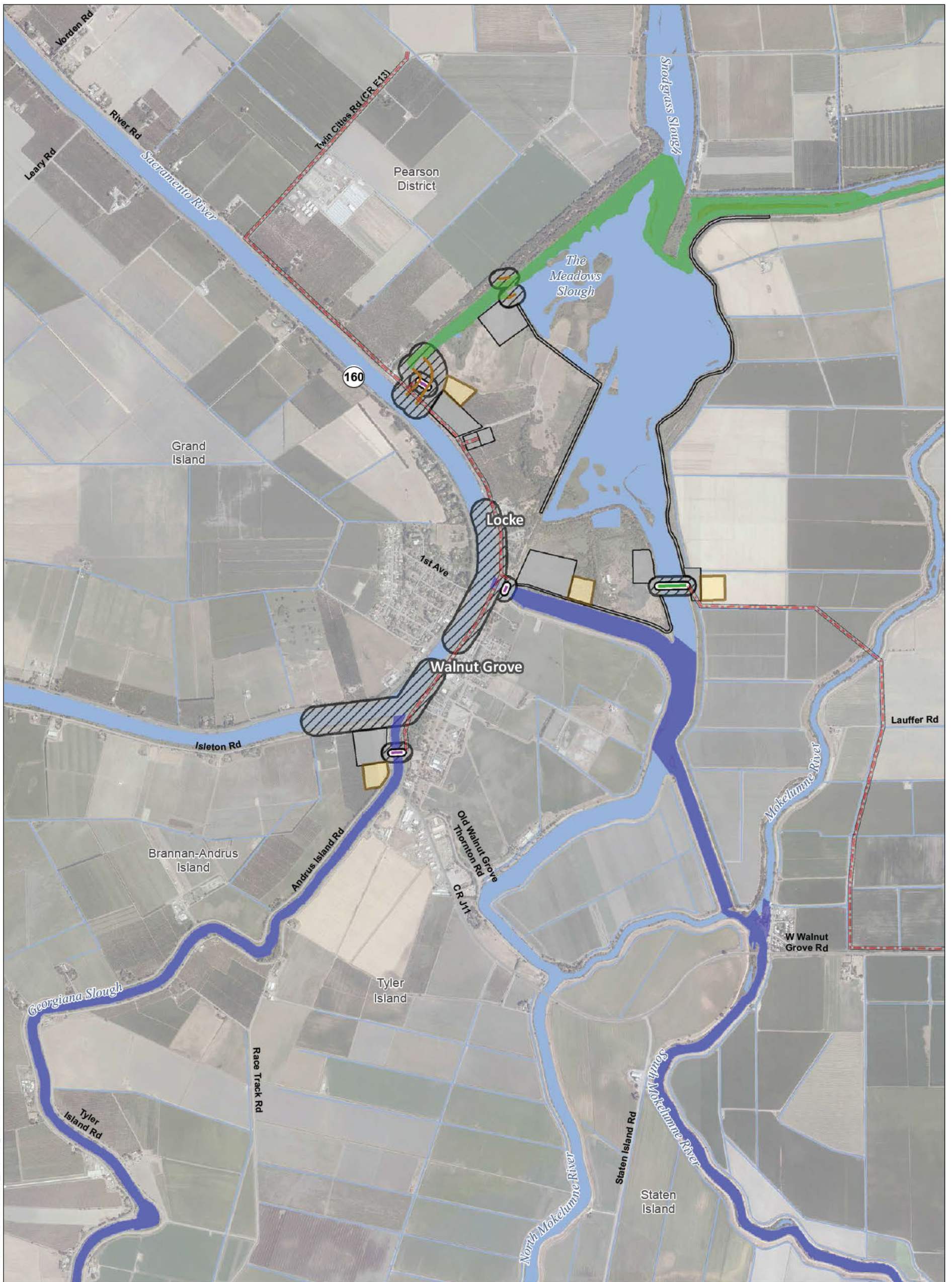
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	Interstate		Permanent OH Transmission Lines
	State Highway/Route		Canal Fill
	Railroad		Dredging
	Plan Area		Control Structure
	Areas of Additional Analysis (Outside of Legal Delta; for Power Only)		Pumping Plant
	Water		Water Supply Corridor
			Fish Movement Corridor
			Borrow and/or Spoil
			Spoil Area
			**Right of Way
			Temporary Surface Impact

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

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



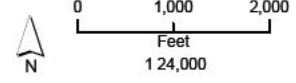
Figure M3-5: Index Through Delta / Separate Corridors



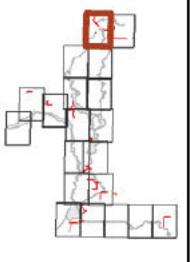
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Legend

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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

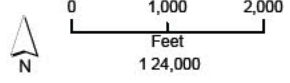
Figure M3-5: Sheet 1 of 20 Through Delta / Separate Corridors



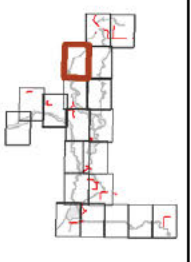
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Legend

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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 | |



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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

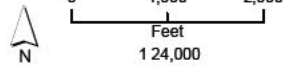
Figure M3-5: Sheet 3 of 20 Through Delta / Separate Corridors



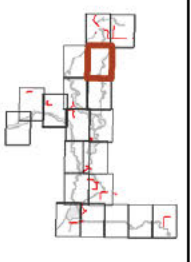
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Legend

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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 | |



*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

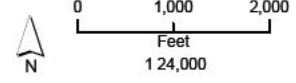
Figure M3-5: Sheet 4 of 20 Through Delta / Separate Corridors



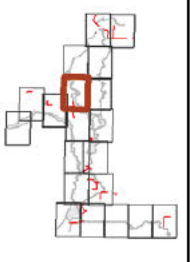
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Legend

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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 | |

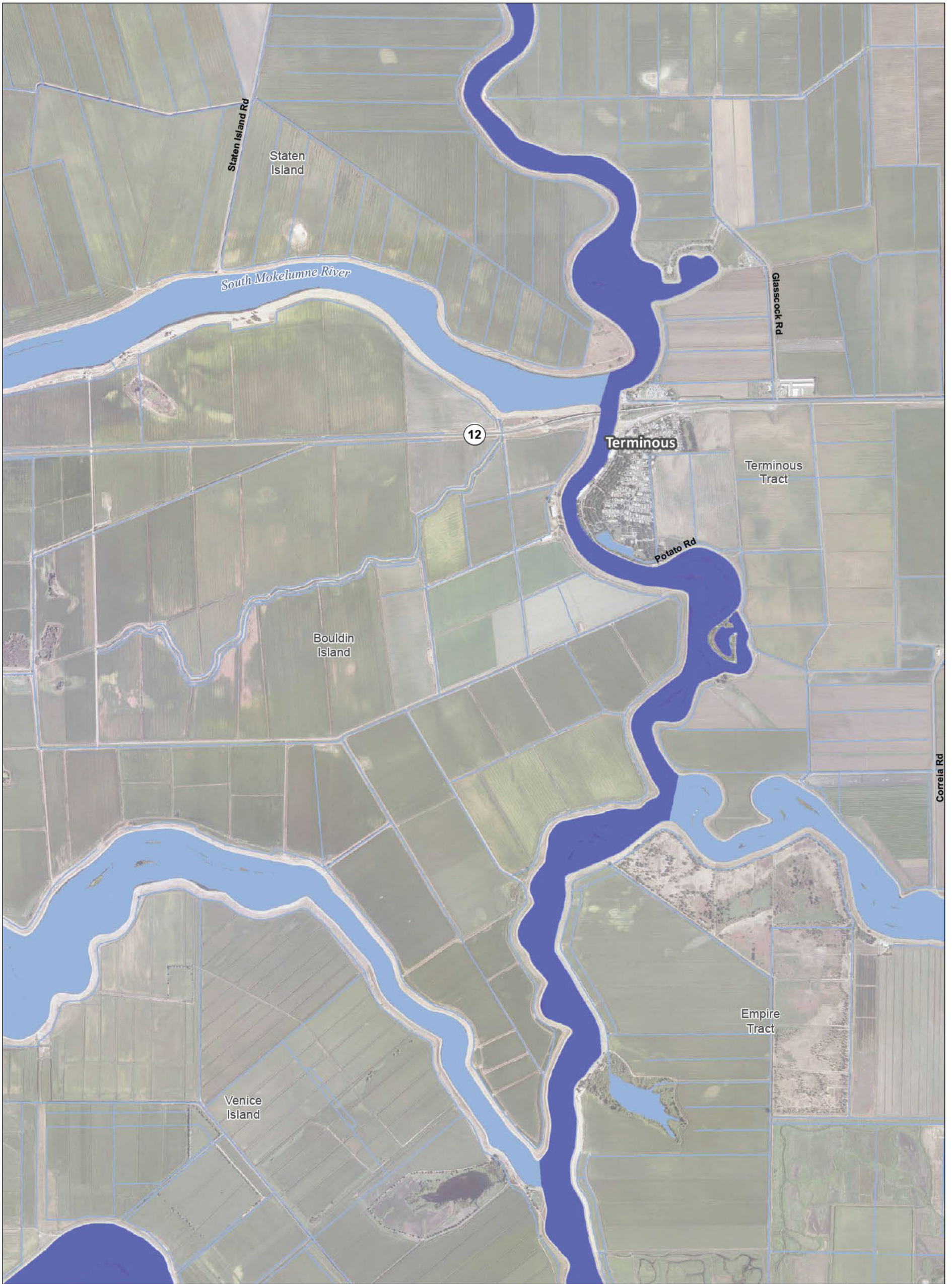


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

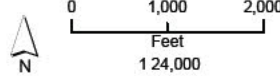
Figure M3-5: Sheet 5 of 20 Through Delta / Separate Corridors



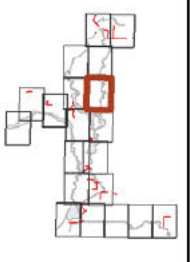
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Legend

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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 | |

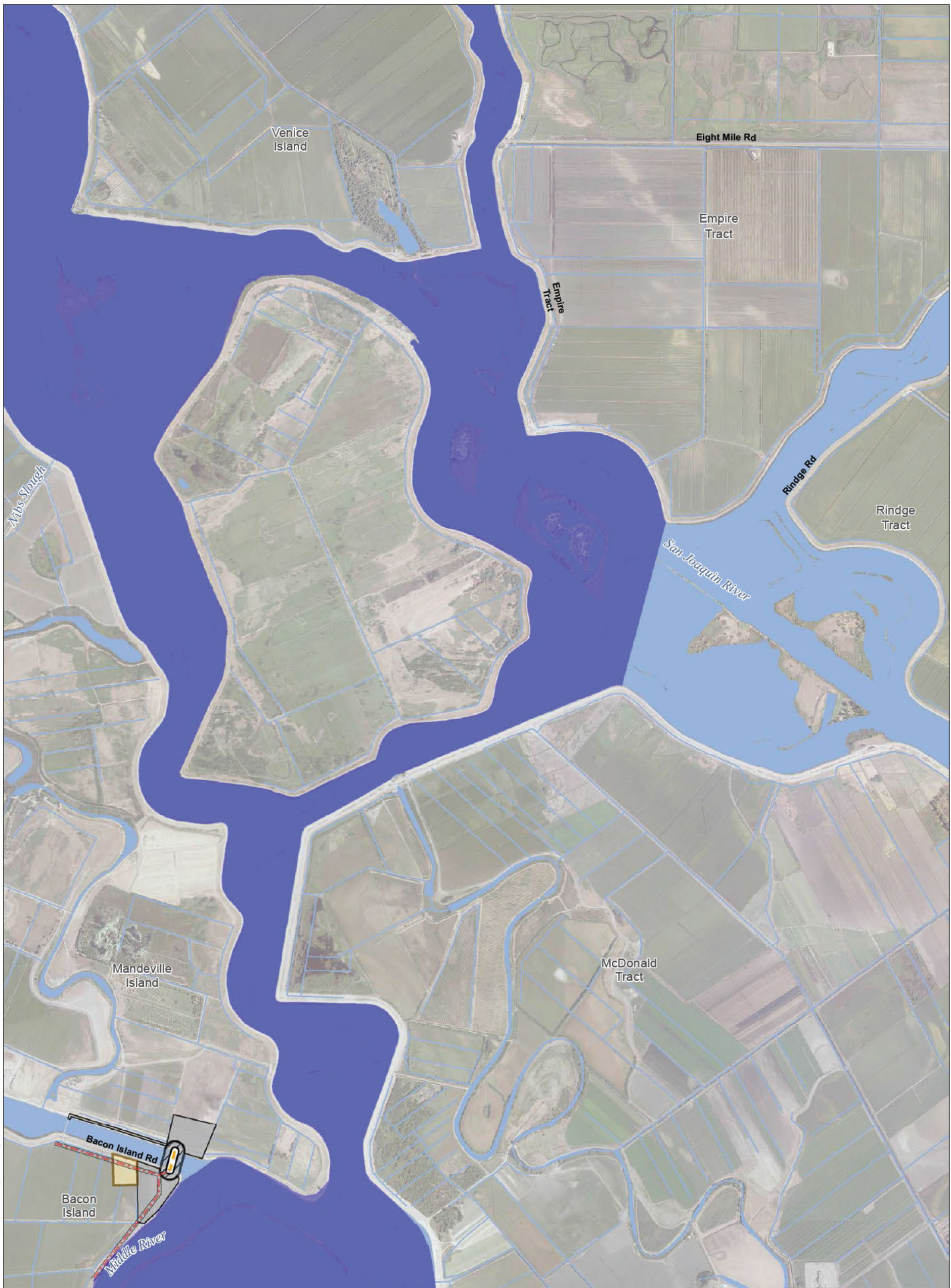


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

Figure M3-5: Sheet 6 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.
 **In-river features are not a permanent impact to navigation.

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

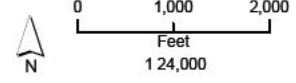
Figure M3-5: Sheet 7 of 20 Through Delta / Separate Corridors



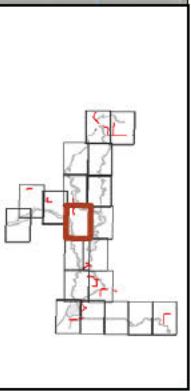
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Legend

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



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

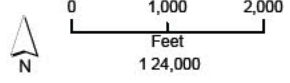
Figure M3-5: Sheet 8 of 20 Through Delta / Separate Corridors



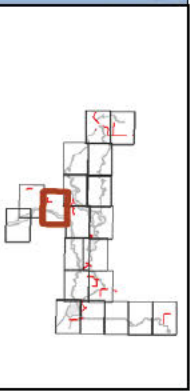
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Legend

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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 | |



*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

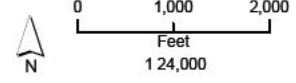
Figure M3-5: Sheet 9 of 20 Through Delta / Separate Corridors



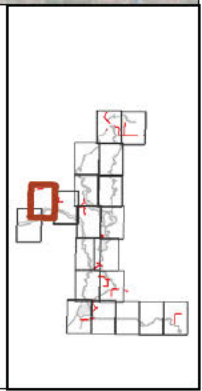
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|---|---------------------------------|------------------------|--------------------------|
| Plan Area | On-Channel Levee at New Channel | Dredging | Borrow and/or Spoil |
| Area of Additional Analysis for West Alignment (Outside of Legal Delta; for 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 | |

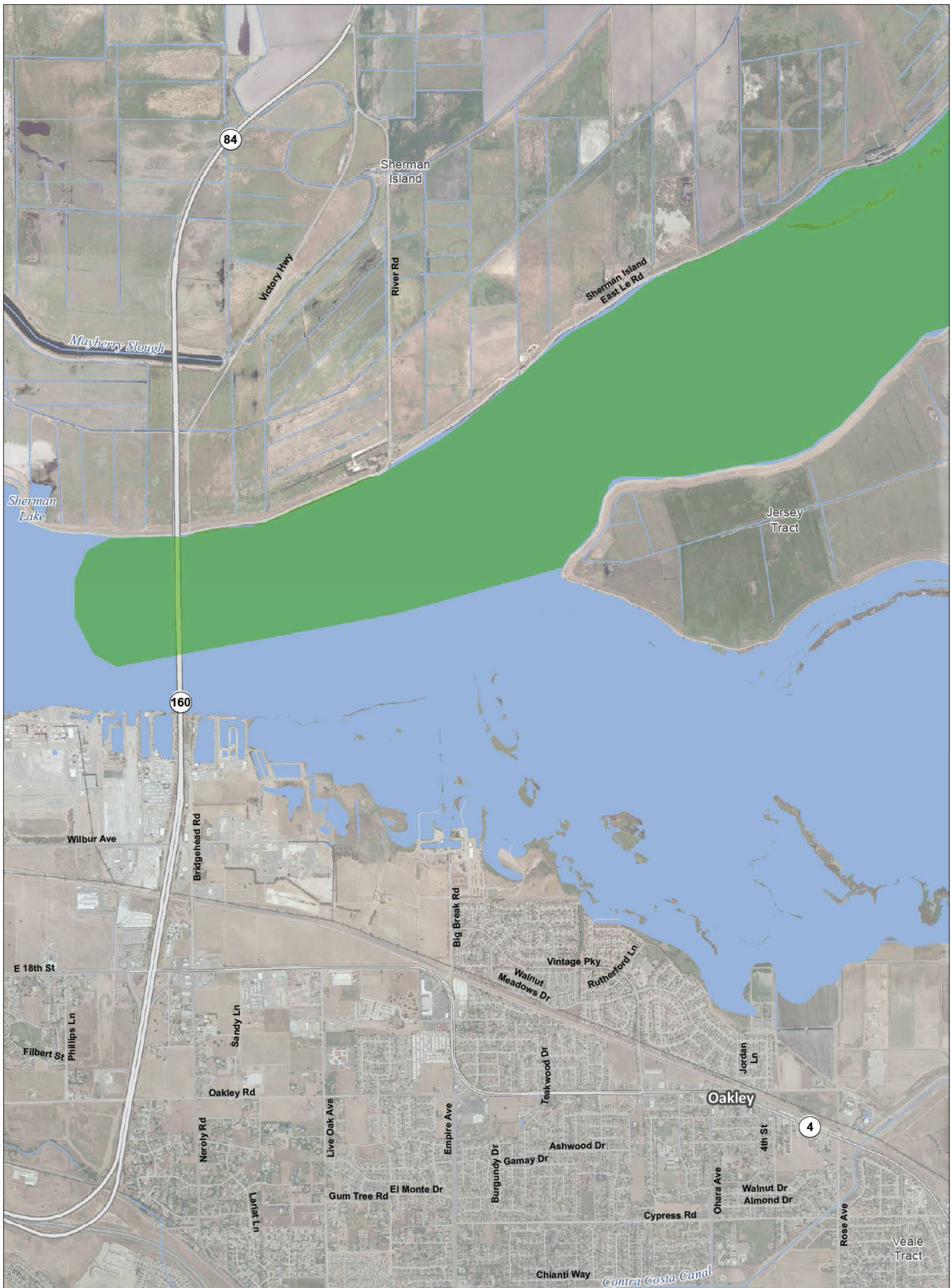


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

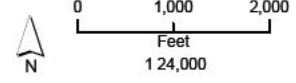
Figure M3-5: Sheet 10 of 20 Through Delta / Separate Corridors



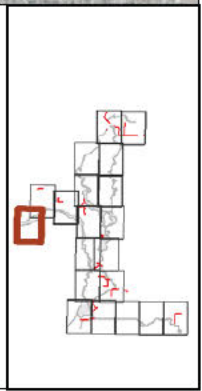
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Legend

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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 | |

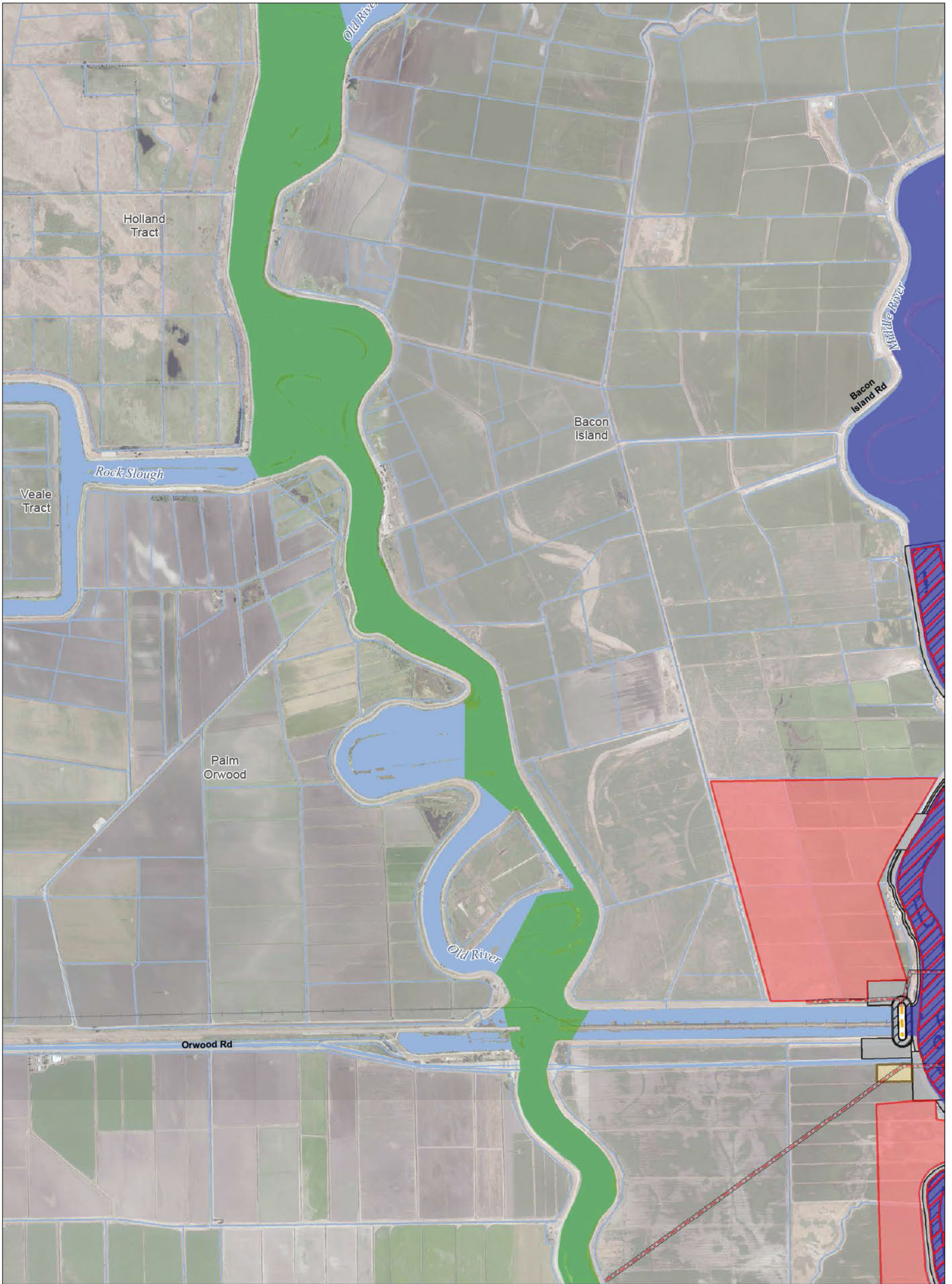


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

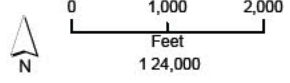
Figure M3-5: Sheet 11 of 20 Through Delta / Separate Corridors



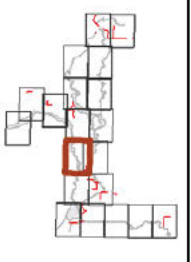
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Legend

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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 | |

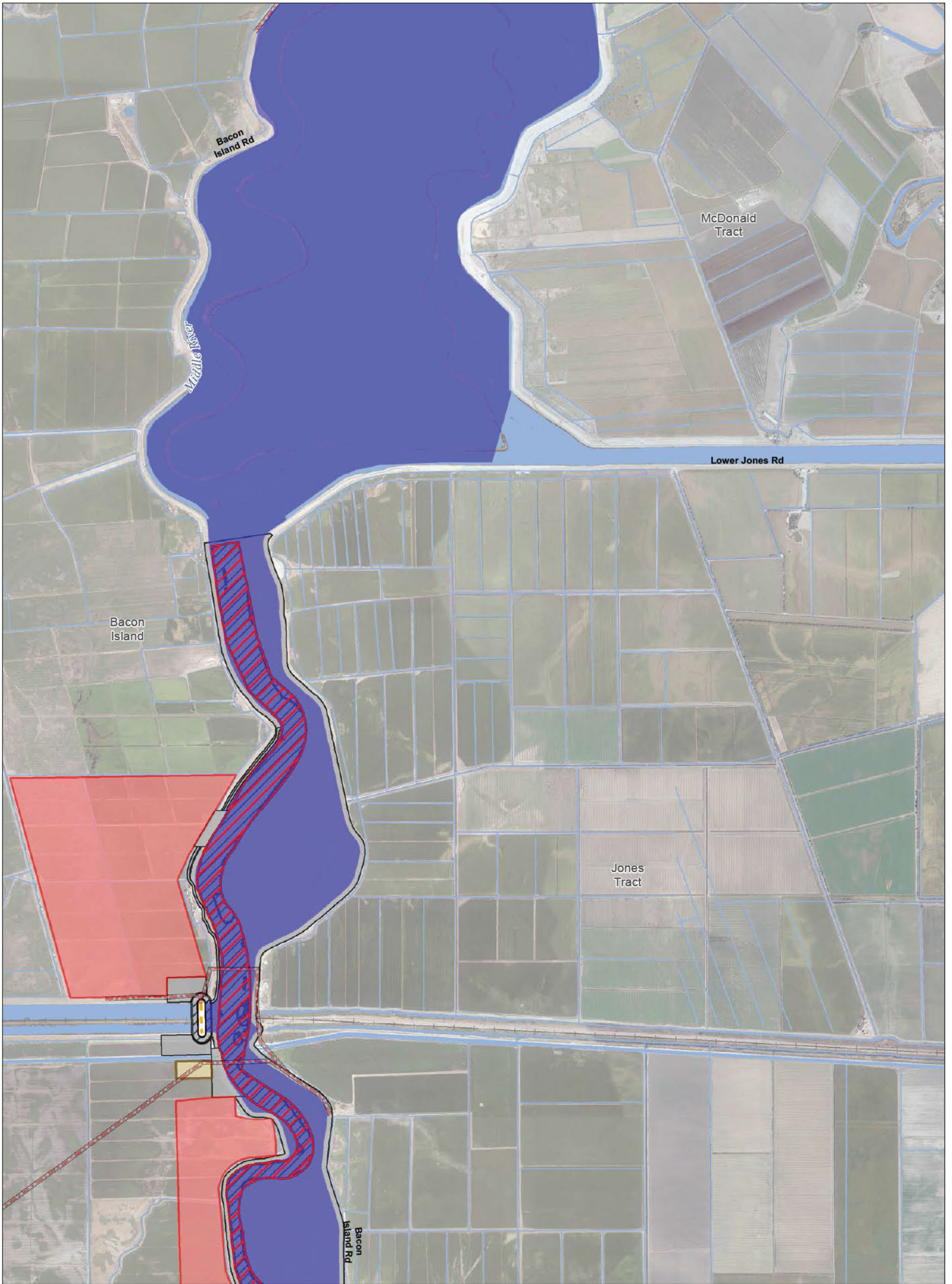


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

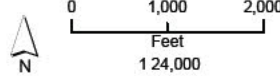
**Figure M3-5: Sheet 12 of 20
Through Delta / Separate Corridors**



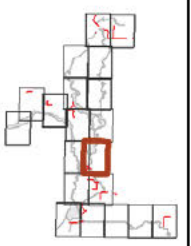
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Legend

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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 | |

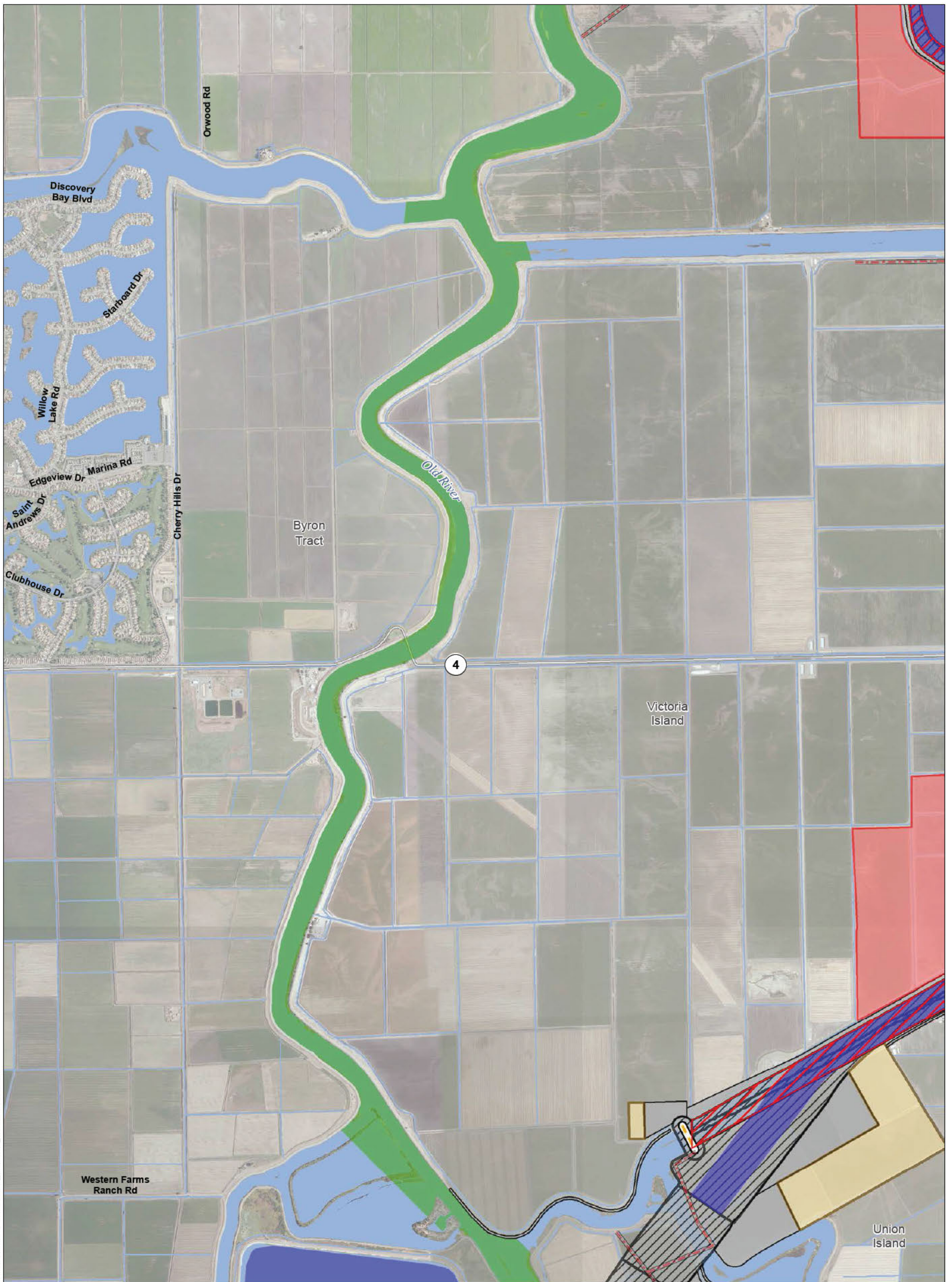


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

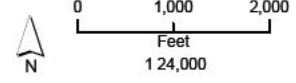
Figure M3-5: Sheet 13 of 20 Through Delta / Separate Corridors



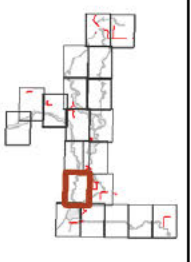
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Legend

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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 | |

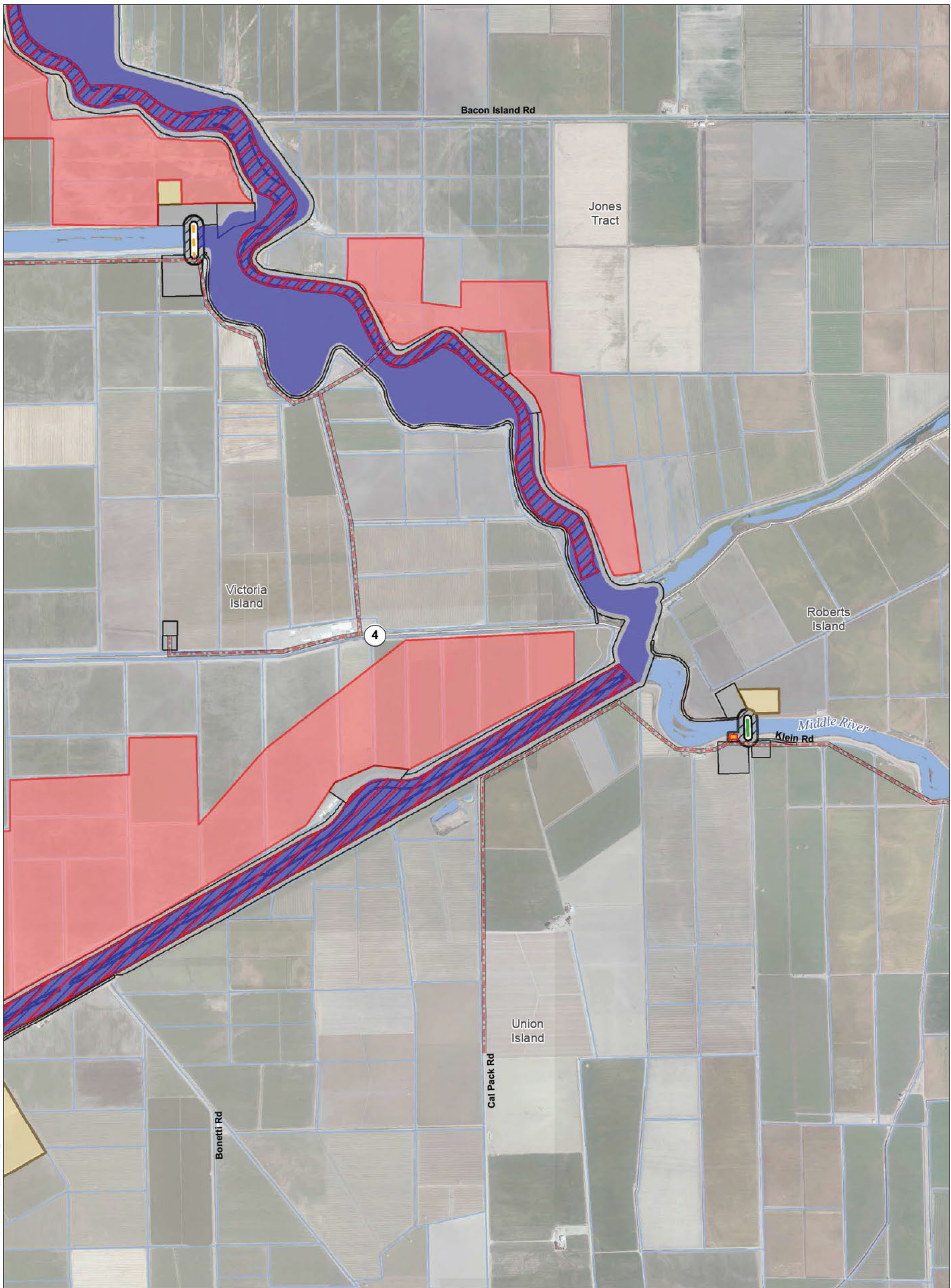


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

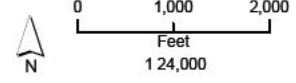
Figure M3-5: Sheet 14 of 20 Through Delta / Separate Corridors



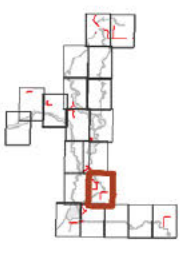
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Legend

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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 | |

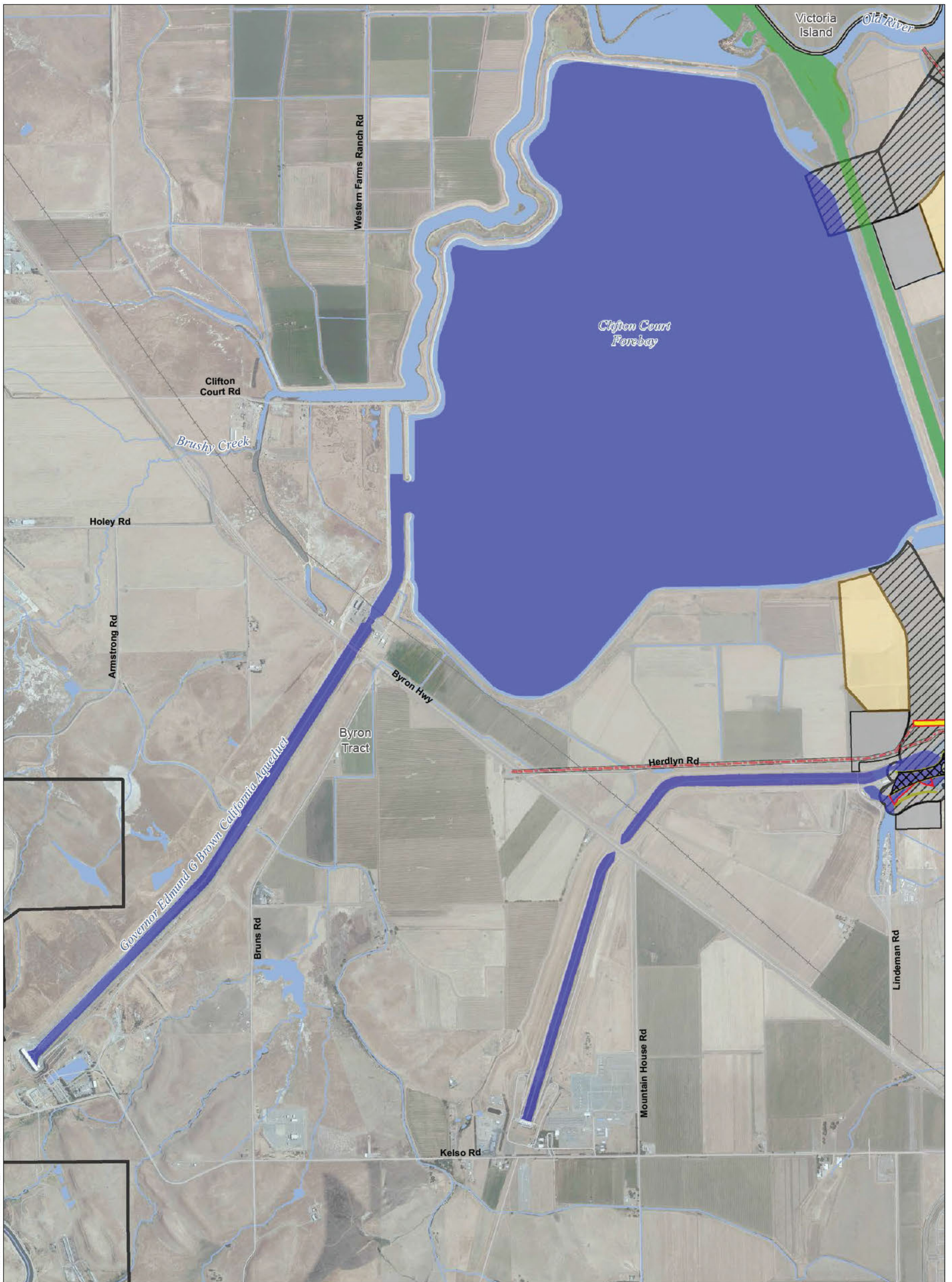


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

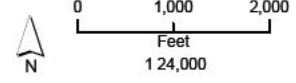
Figure M3-5: Sheet 15 of 20 Through Delta / Separate Corridors



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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 | |

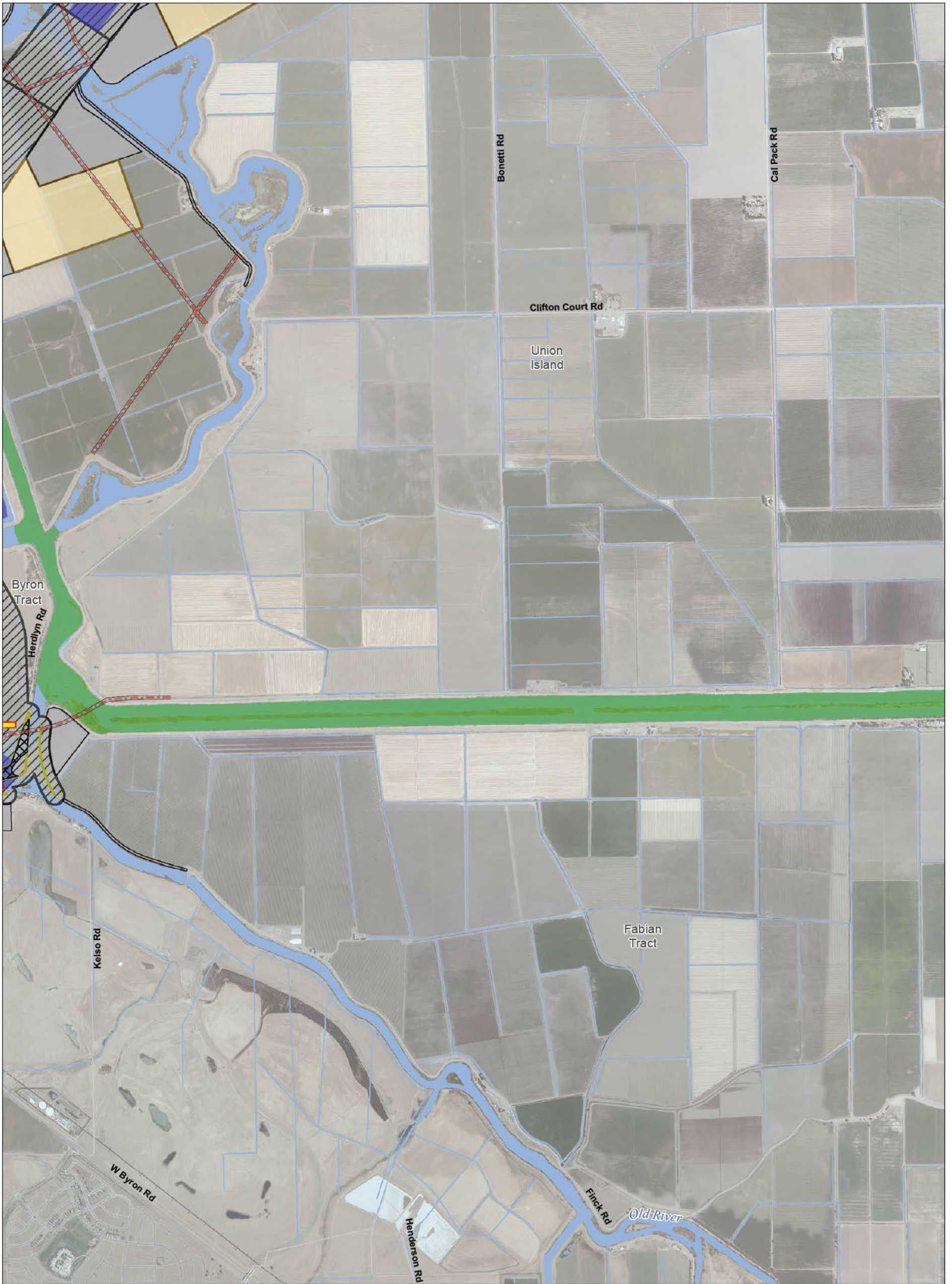


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

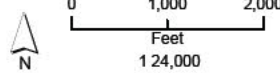
Figure M3-5: Sheet 16 of 20 Through Delta / Separate Corridors



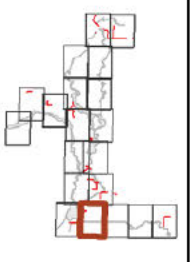
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Legend

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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 | |

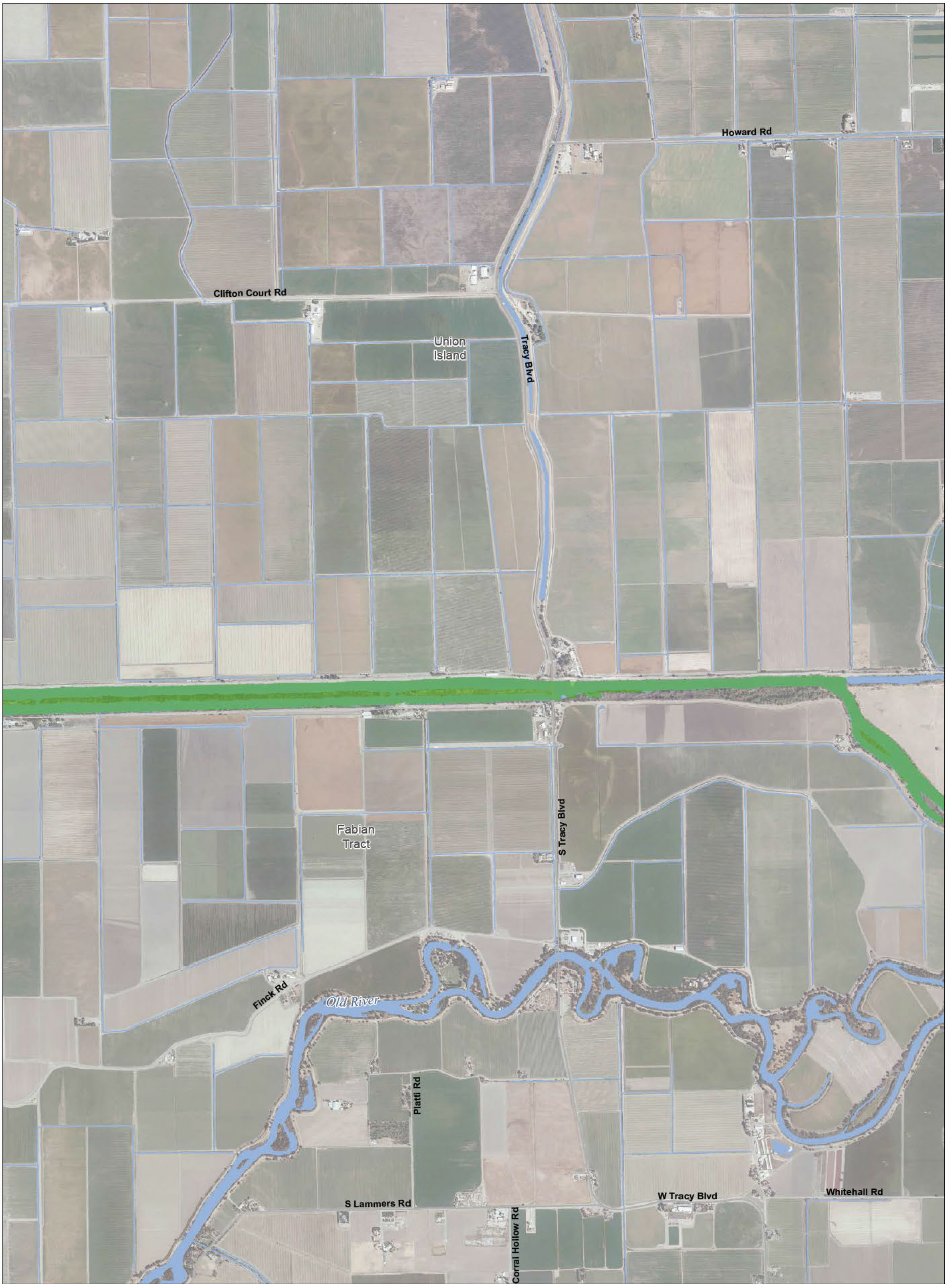


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

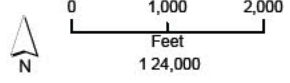
Figure M3-5: Sheet 17 of 20 Through Delta / Separate Corridors



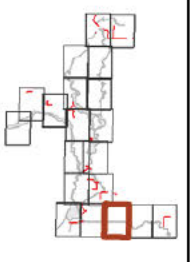
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Legend

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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 | |

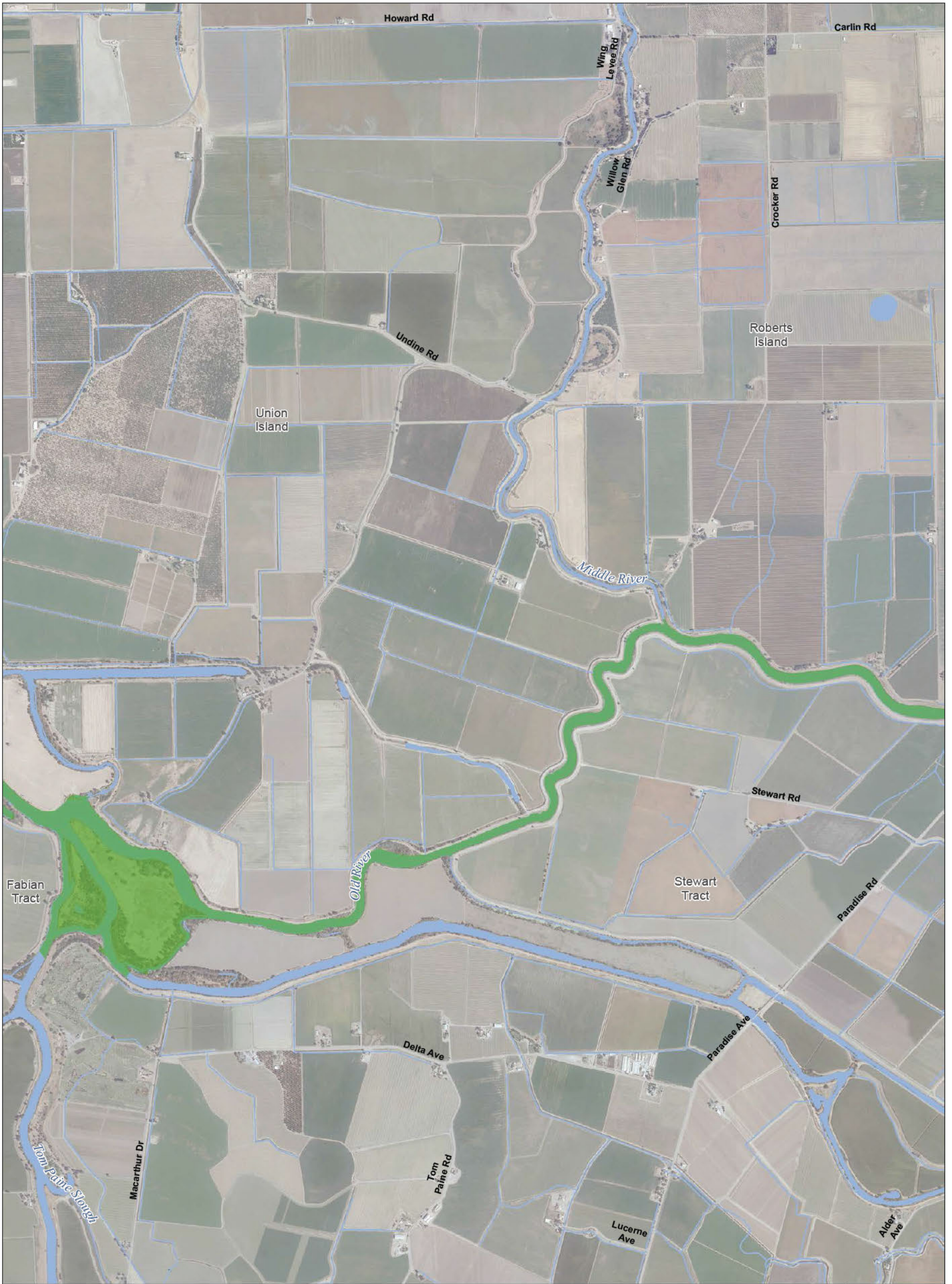


*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.



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

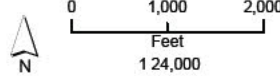
Figure M3-5: Sheet 18 of 20 Through Delta / Separate Corridors



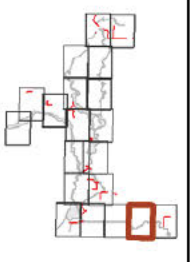
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Legend

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



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

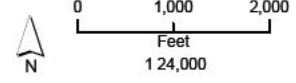
Figure M3-5: Sheet 19 of 20 Through Delta / Separate Corridors



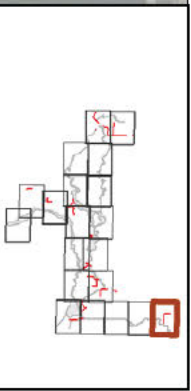
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Legend

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



*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 20 of 20 Through Delta / Separate Corridors