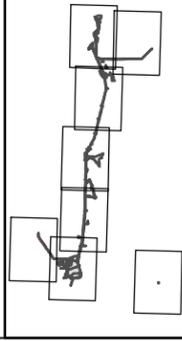


Legend

- | | | | |
|--|--|--|--|
| <ul style="list-style-type: none"> Interstate State Highway/Route Railroad Plan Area Areas of Additional Analysis (Outside of Legal Delta; for Power Only) Water | <ul style="list-style-type: none"> Conveyance Construction Footprint Permanent Subsurface Impact Temporary Surface Impact Geotechnical Exploration Zone Work Area Other Permanent Surface Impact Canal Reusable Tunnel Material Area Other | <ul style="list-style-type: none"> Proposed Power Substation Proposed Tower Relocation Interconnection Point Existing Power Existing Tower | <ul style="list-style-type: none"> Proposed Power Permanent OH Transmission Line Temporary OH Transmission Line Existing Power Existing Permanent OH Transmission Line |
|--|--|--|--|

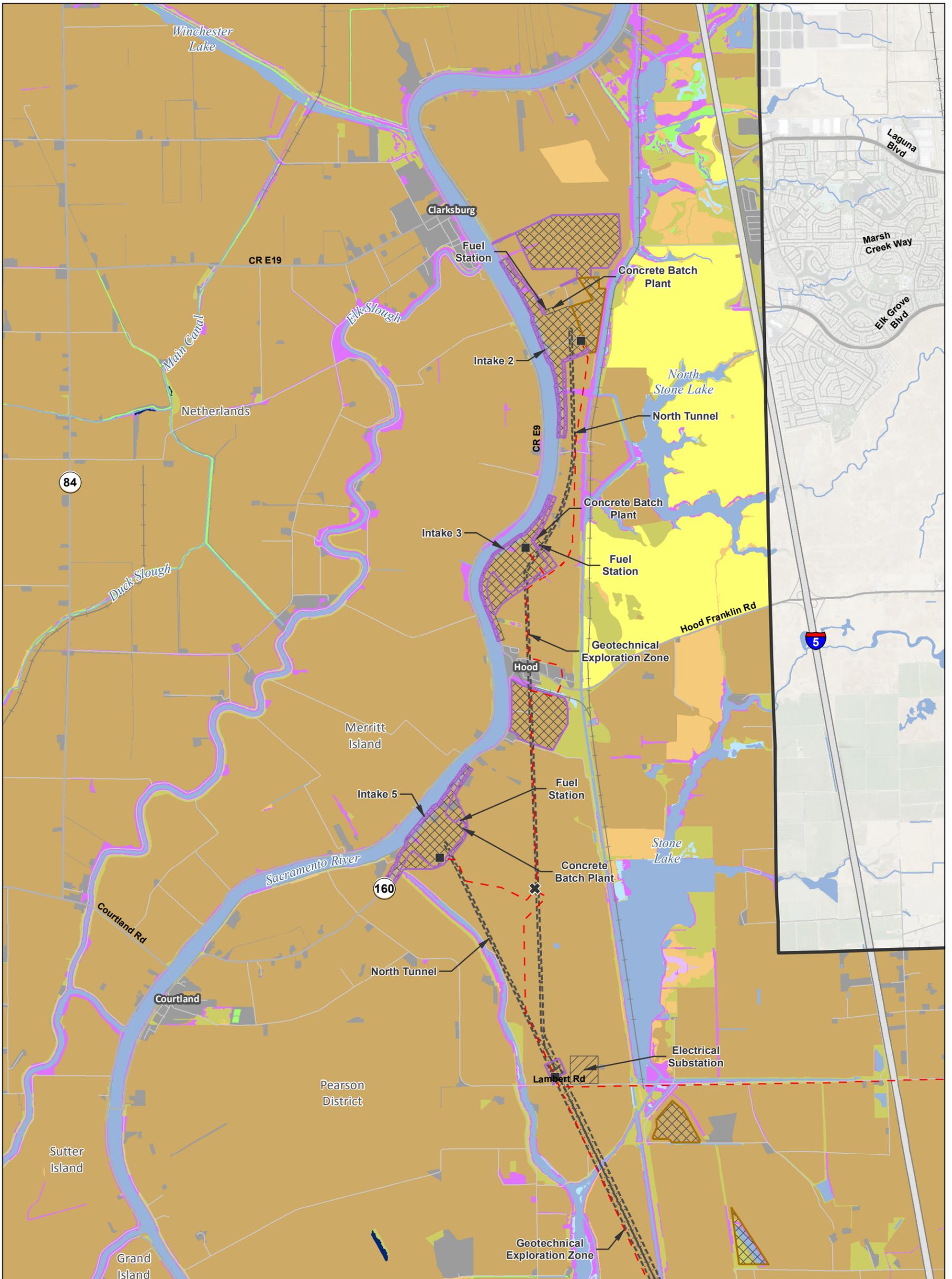
*Surface impacts are not expected to result from subsurface features. **In-river features are not a permanent impact to navigation.



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Sources: DWR DHCCP MPTO Construction Footprint (rev 5a), ICF 2012; NAIP 2012

Figure M12-4: Index Distribution of Natural Communities — Modified Pipeline/Tunnel Alignment (Alternative 4)

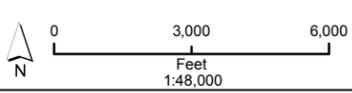


Refer to mapbook index page for conveyance construction footprint symbology

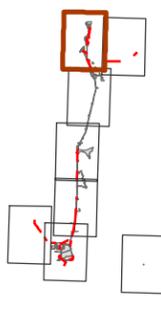
Legend

Natural Communities

- | | | |
|-----------------------------------|--|--------------------------------|
| Tidal Perennial Aquatic | Nontidal Perennial Aquatic | Other Natural Seasonal Wetland |
| Tidal Brackish Emergent Wetland | Nontidal Freshwater Perennial Emergent Wetland | Grassland |
| Tidal Freshwater Emergent Wetland | Alkali Seasonal Wetland Complex | Inland Dune Scrub |
| Valley/Foothill Riparian | Vernal Pool Complex | Cultivated Land |
| | Managed Wetland | Developed |



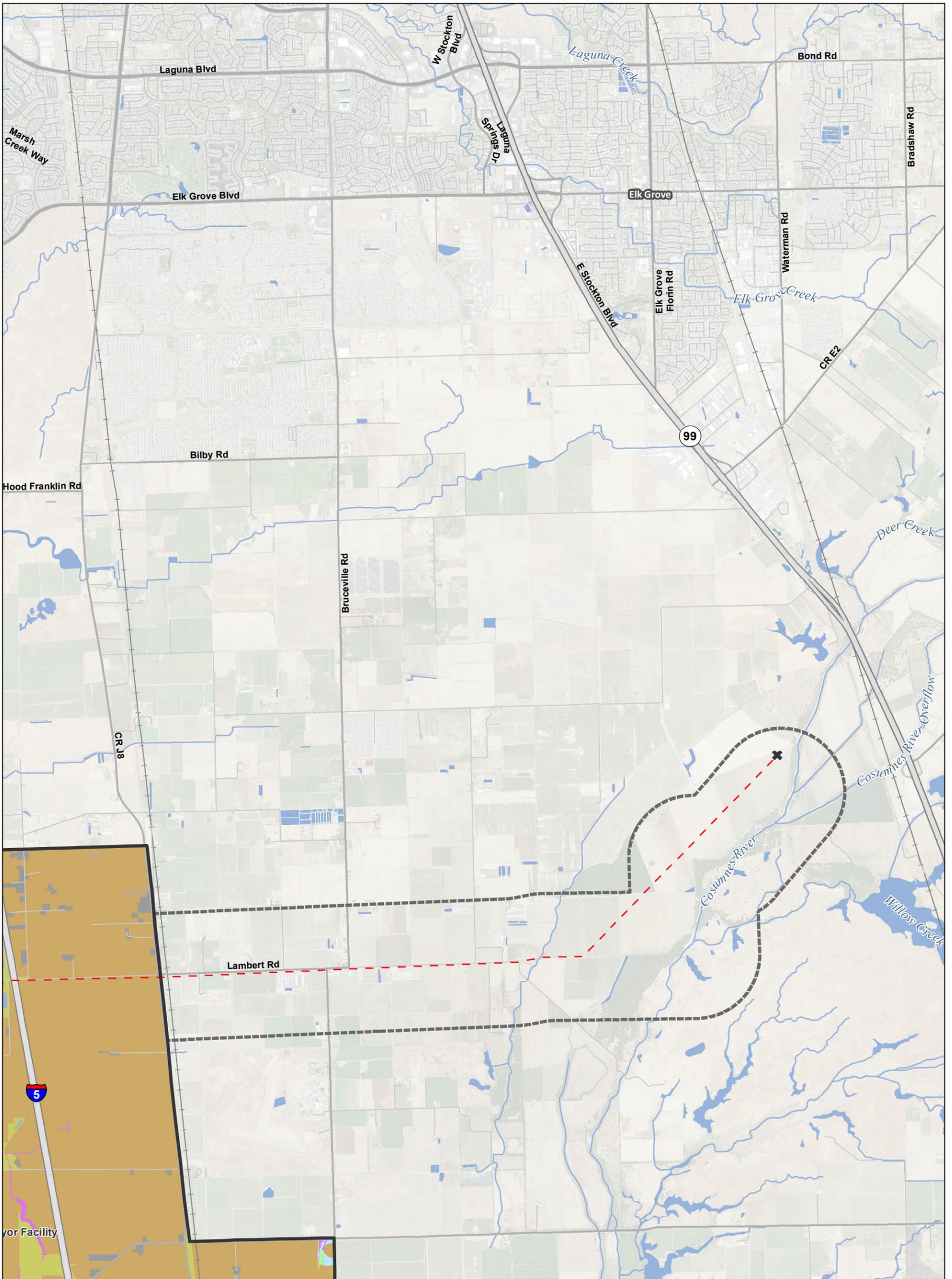
*Surface impacts are not expected to result from subsurface features.
 **In-river features are not a permanent impact to navigation.
 ***Surface impacts will only occur at sites selected for geotechnical explorations.
 See Ch. 3, Section 3.6.1.10 for more information



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Sources: Plan Area, ICF 2012; DWR DCE MPTO Construction Footprint (rev 5a); Natural Communities, ICF 2011

Figure M12-4: Sheet 1 of 8
Distribution of Natural Communities — Modified Pipeline/Tunnel Alignment (Alternative 4)

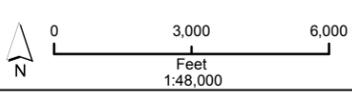


Refer to mapbook index page for conveyance construction footprint symbology

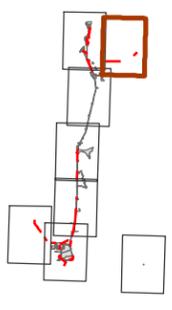
Legend

Natural Communities

- | | | |
|-----------------------------------|--|--------------------------------|
| Tidal Perennial Aquatic | Nontidal Perennial Aquatic | Other Natural Seasonal Wetland |
| Tidal Brackish Emergent Wetland | Nontidal Freshwater Perennial Emergent Wetland | Grassland |
| Tidal Freshwater Emergent Wetland | Alkali Seasonal Wetland Complex | Inland Dune Scrub |
| Valley/Foothill Riparian | Vernal Pool Complex | Cultivated Land |
| | Managed Wetland | Developed |



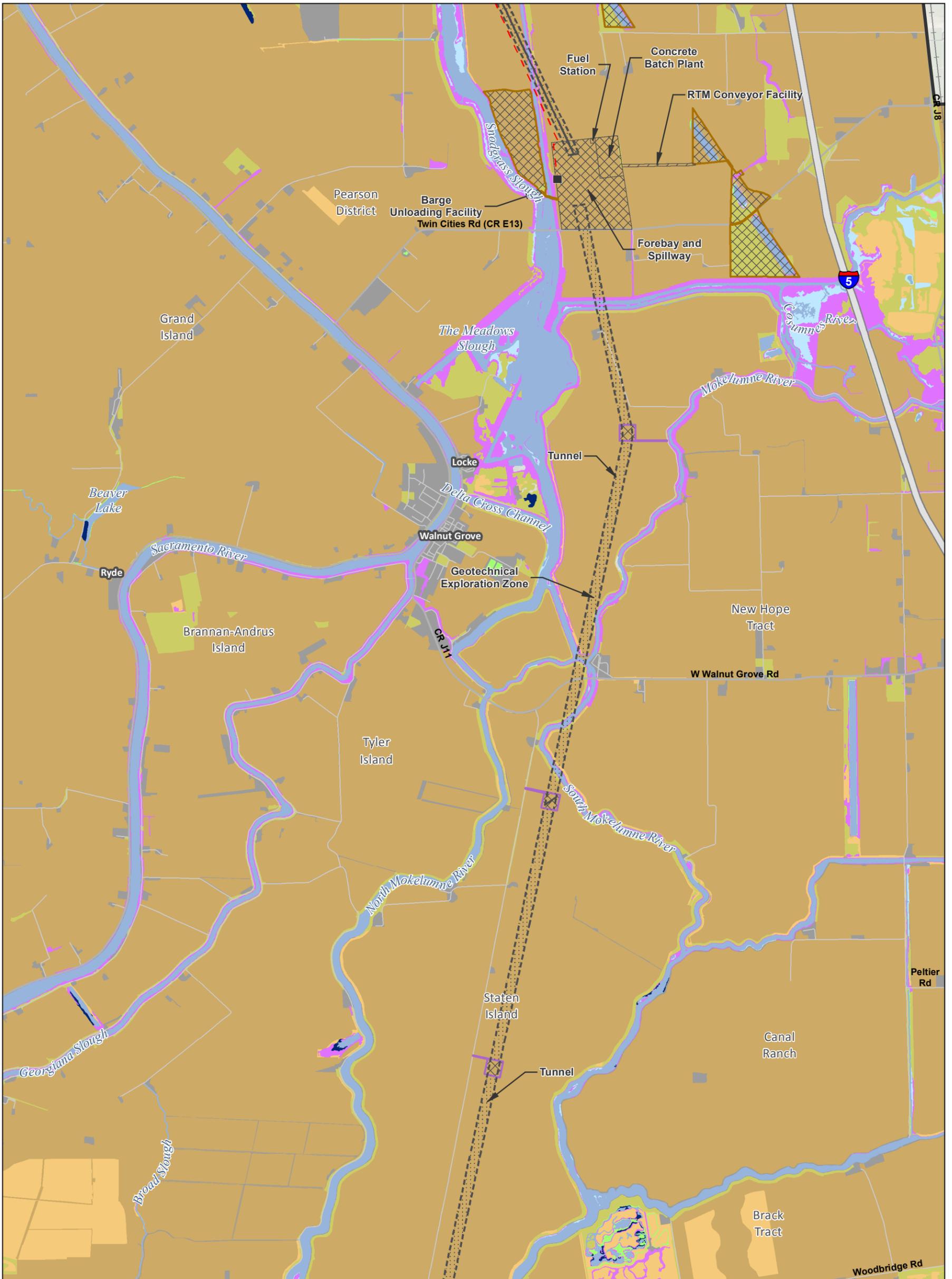
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Sources: Plan Area, ICF 2012; DWR DCE MPTO Construction Footprint (rev 5a); Natural Communities, ICF 2011

Figure M12-4: Sheet 2 of 8
Distribution of Natural Communities — Modified Pipeline/Tunnel Alignment (Alternative 4)

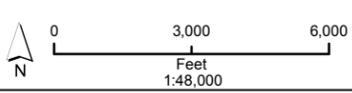


Refer to mapbook index page for conveyance construction footprint symbology  

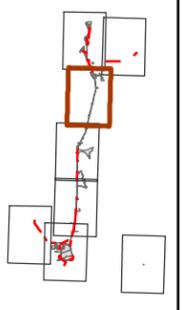
Legend

Natural Communities

- | | | |
|---|--|---|
|  Tidal Perennial Aquatic |  Nontidal Perennial Aquatic |  Other Natural Seasonal Wetland |
|  Tidal Brackish Emergent Wetland |  Nontidal Freshwater Perennial Emergent Wetland |  Grassland |
|  Tidal Freshwater Emergent Wetland |  Alkali Seasonal Wetland Complex |  Inland Dune Scrub |
|  Valley/Foothill Riparian |  Vernal Pool Complex |  Cultivated Land |
| |  Managed Wetland |  Developed |



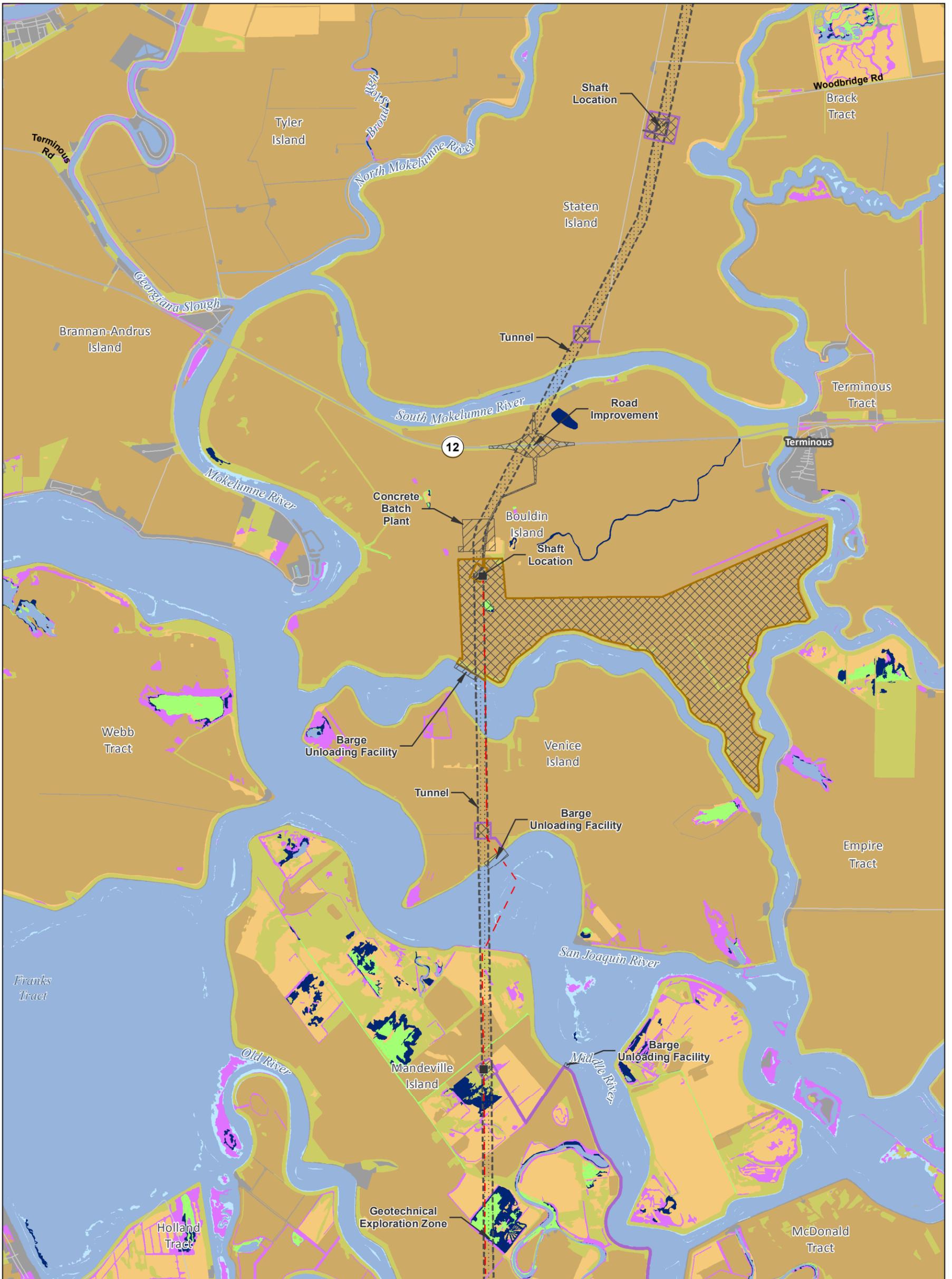
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Sources: Plan Area, ICF 2012; DWR DCE MPTO Construction Footprint (rev 5a); Natural Communities, ICF 2011

Figure M12-4: Sheet 3 of 8
Distribution of Natural Communities — Modified Pipeline/Tunnel Alignment (Alternative 4)

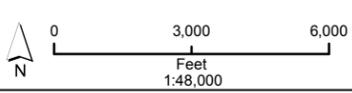


Refer to mapbook index page for conveyance construction footprint symbology

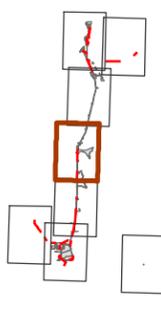
Legend

Natural Communities

- | | | |
|-----------------------------------|--|--------------------------------|
| Tidal Perennial Aquatic | Nontidal Perennial Aquatic | Other Natural Seasonal Wetland |
| Tidal Brackish Emergent Wetland | Nontidal Freshwater Perennial Emergent Wetland | Grassland |
| Tidal Freshwater Emergent Wetland | Alkali Seasonal Wetland Complex | Inland Dune Scrub |
| Valley/Foothill Riparian | Vernal Pool Complex | Cultivated Land |
| | Managed Wetland | Developed |



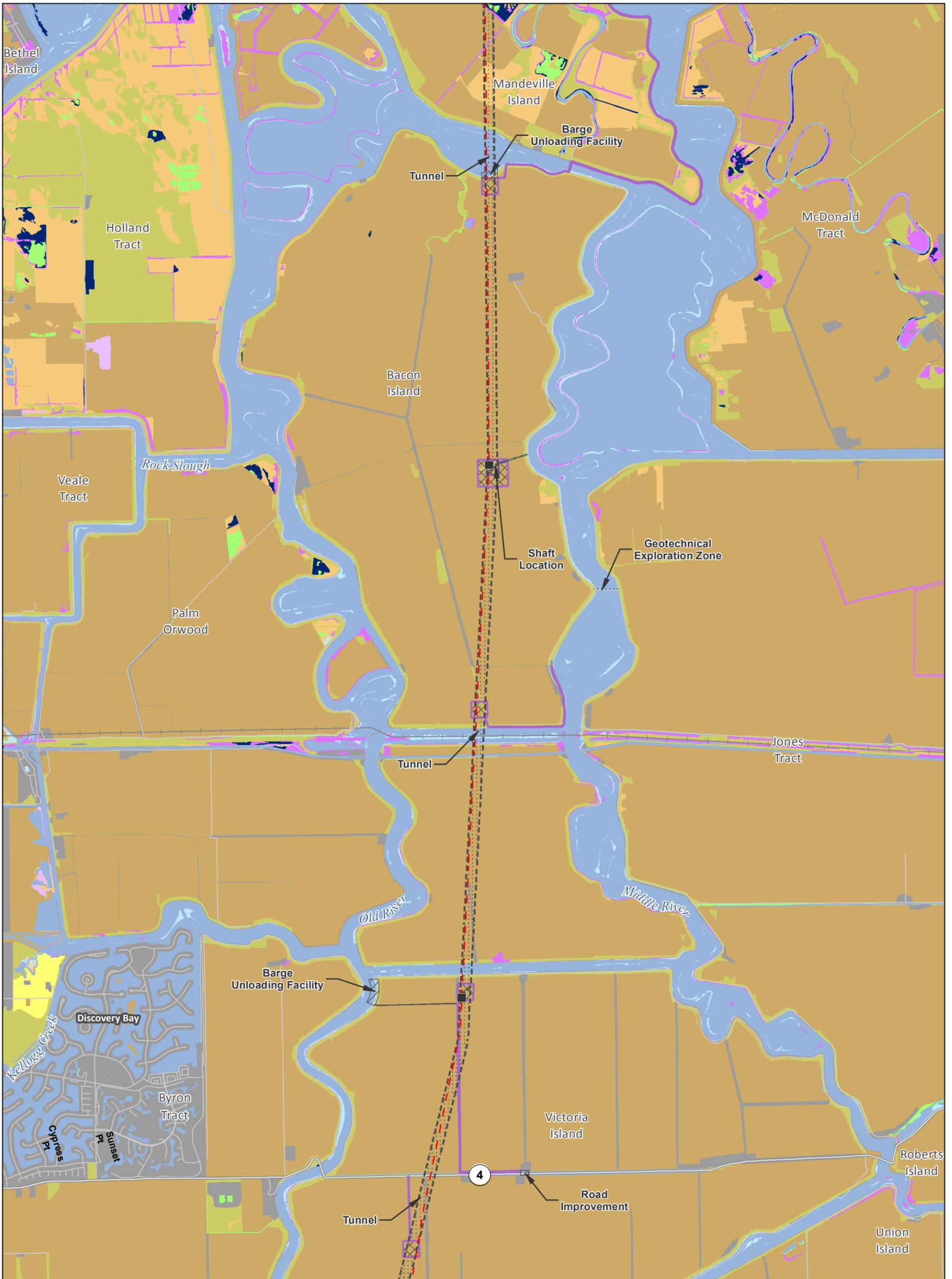
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Sources: Plan Area, ICF 2012; DWR DCE MPTO Construction Footprint (rev 5a); Natural Communities, ICF 2011

Figure M12-4: Sheet 4 of 8
Distribution of Natural Communities — Modified Pipeline/Tunnel Alignment (Alternative 4)



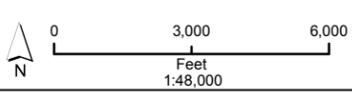
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Refer to mapbook index page for conveyance construction footprint symbology

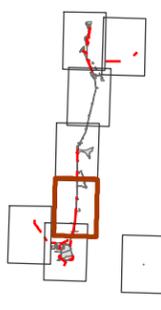
Legend

Natural Communities

- | | | |
|-----------------------------------|--|--------------------------------|
| Tidal Perennial Aquatic | Nontidal Perennial Aquatic | Other Natural Seasonal Wetland |
| Tidal Brackish Emergent Wetland | Nontidal Freshwater Perennial Emergent Wetland | Grassland |
| Tidal Freshwater Emergent Wetland | Alkali Seasonal Wetland Complex | Inland Dune Scrub |
| Valley/Foothill Riparian | Vernal Pool Complex | Cultivated Land |
| | Managed Wetland | Developed |

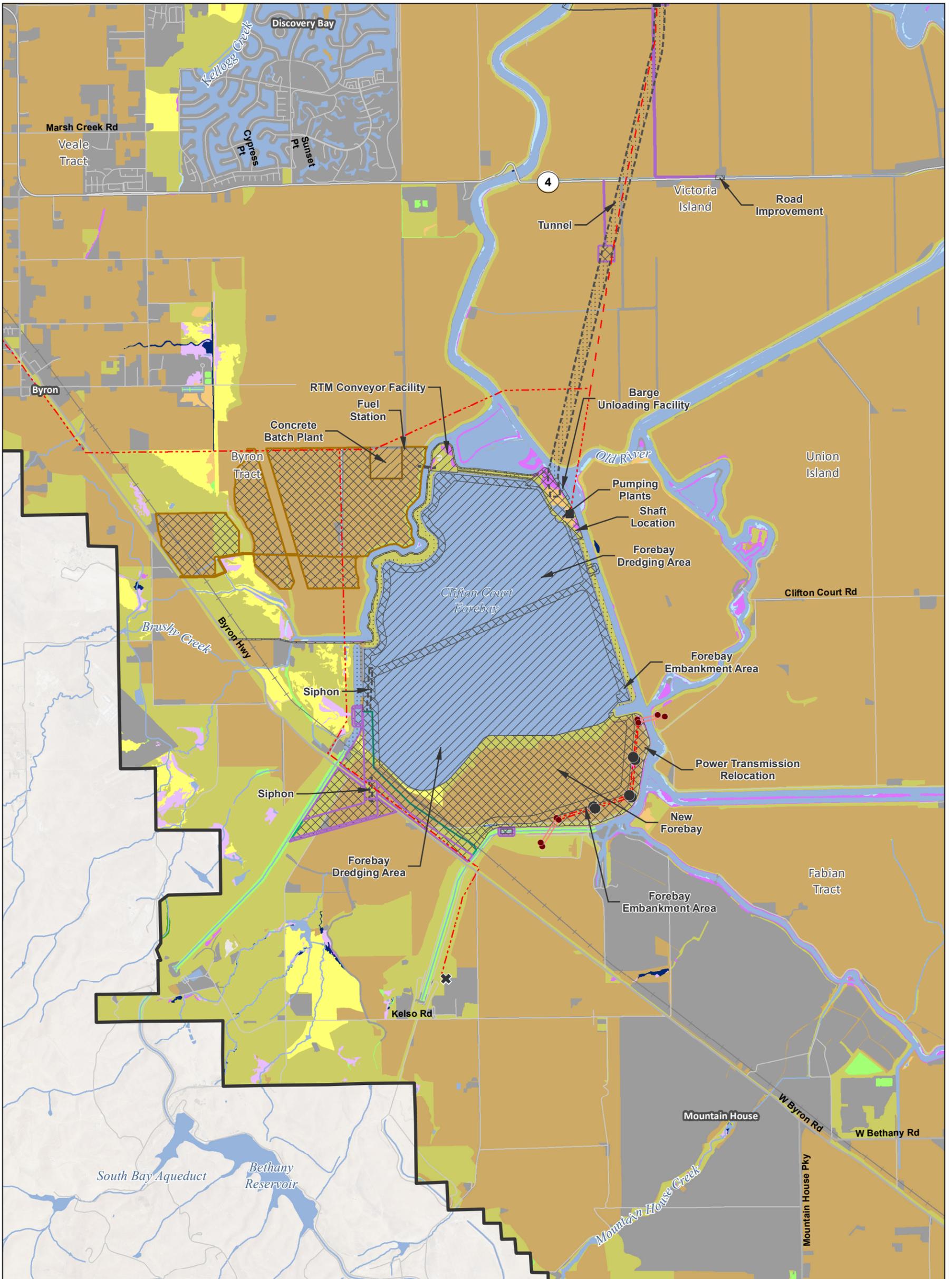


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Sources: Plan Area, ICF 2012; DWR DCE MPTO Construction Footprint (rev 5a); Natural Communities, ICF 2011

Figure M12-4: Sheet 5 of 8
Distribution of Natural Communities — Modified Pipeline/Tunnel Alignment (Alternative 4)

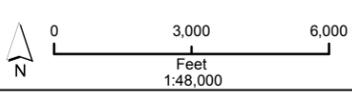


Refer to mapbook index page for conveyance construction footprint symbology

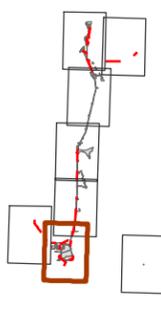
Legend

Natural Communities

- | | | |
|-----------------------------------|--|--------------------------------|
| Tidal Perennial Aquatic | Nontidal Perennial Aquatic | Other Natural Seasonal Wetland |
| Tidal Brackish Emergent Wetland | Nontidal Freshwater Perennial Emergent Wetland | Grassland |
| Tidal Freshwater Emergent Wetland | Alkali Seasonal Wetland Complex | Inland Dune Scrub |
| Valley/Foothill Riparian | Vernal Pool Complex | Cultivated Land |
| | Managed Wetland | Developed |



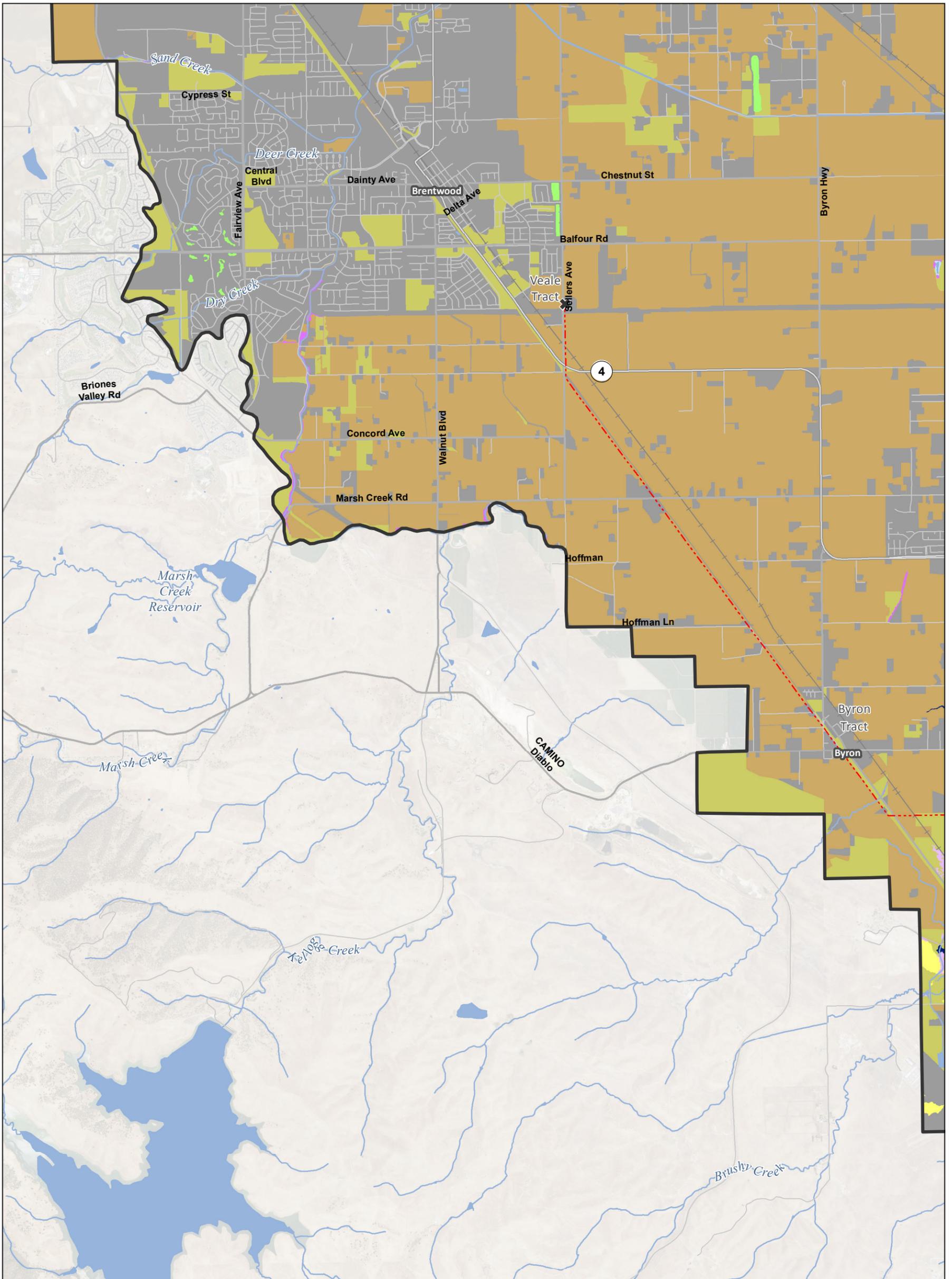
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Sources: Plan Area, ICF 2012; DWR DCE MPTO Construction Footprint (rev 5a); Natural Communities, ICF 2011

Figure M12-4: Sheet 6 of 8
Distribution of Natural Communities — Modified Pipeline/Tunnel Alignment (Alternative 4)

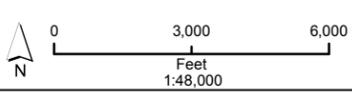


Refer to mapbook index page for conveyance construction footprint symbology  

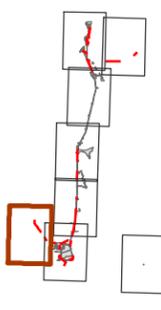
Legend

Natural Communities

- | | | |
|---|--|--|
|  Tidal Perennial Aquatic |  Nontidal Perennial Aquatic |  Other Natural Seasonal Wetland |
|  Tidal Brackish Emergent Wetland |  Nontidal Freshwater Perennial Emergent Wetland |  Grassland |
|  Tidal Freshwater Emergent Wetland |  Alkali Seasonal Wetland Complex |  Inland Dune Scrub |
|  Valley/Foothill Riparian |  Vernal Pool Complex |  Cultivated Land |
| |  Managed Wetland |  Developed |



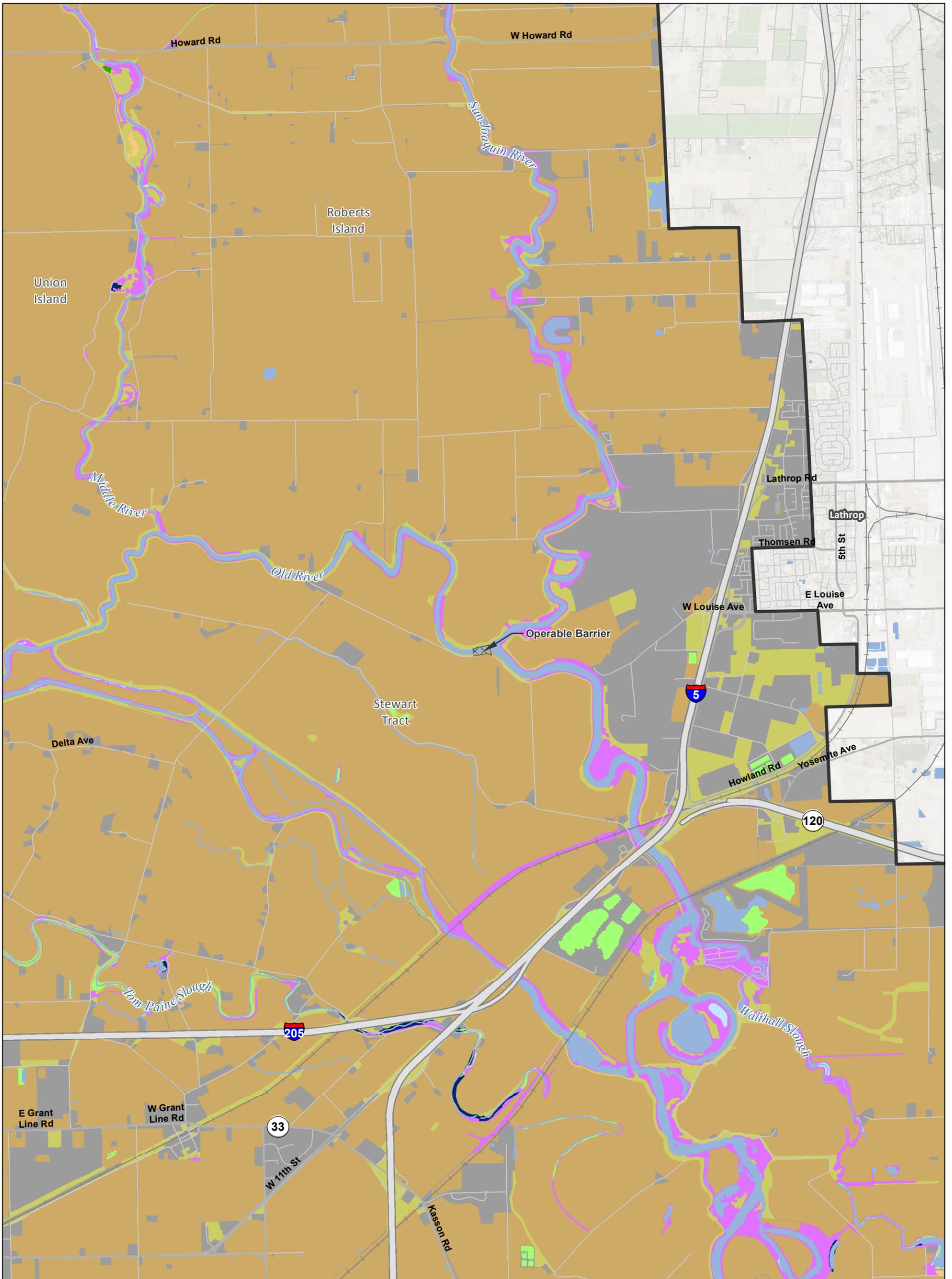
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Sources: Plan Area, ICF 2012; DWR DCE MPTO Construction Footprint (rev 5a); Natural Communities, ICF 2011

Figure M12-4: Sheet 7 of 8
Distribution of Natural Communities — Modified Pipeline/Tunnel Alignment (Alternative 4)

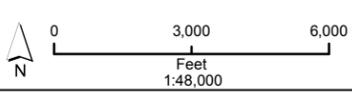


Refer to mapbook index page for conveyance construction footprint symbology  

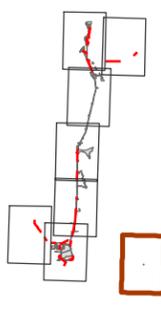
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Natural Communities

- | | | |
|---|--|---|
|  Tidal Perennial Aquatic |  Nontidal Perennial Aquatic |  Other Natural Seasonal Wetland |
|  Tidal Brackish Emergent Wetland |  Nontidal Freshwater Perennial Emergent Wetland |  Grassland |
|  Tidal Freshwater Emergent Wetland |  Alkali Seasonal Wetland Complex |  Inland Dune Scrub |
|  Valley/Foothill Riparian |  Vernal Pool Complex |  Cultivated Land |
| |  Managed Wetland |  Developed |



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Sources: Plan Area, ICF 2012; DWR DCE MPTO Construction Footprint (rev 5a); Natural Communities, ICF 2011

Figure M12-4: Sheet 8 of 8
Distribution of Natural Communities — Modified Pipeline/Tunnel Alignment (Alternative 4)