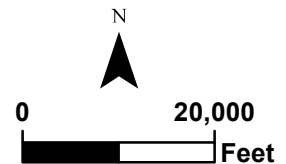
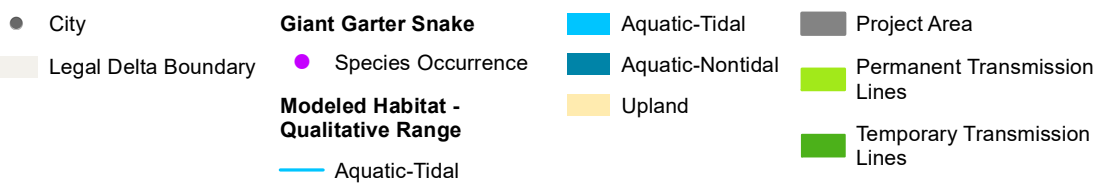
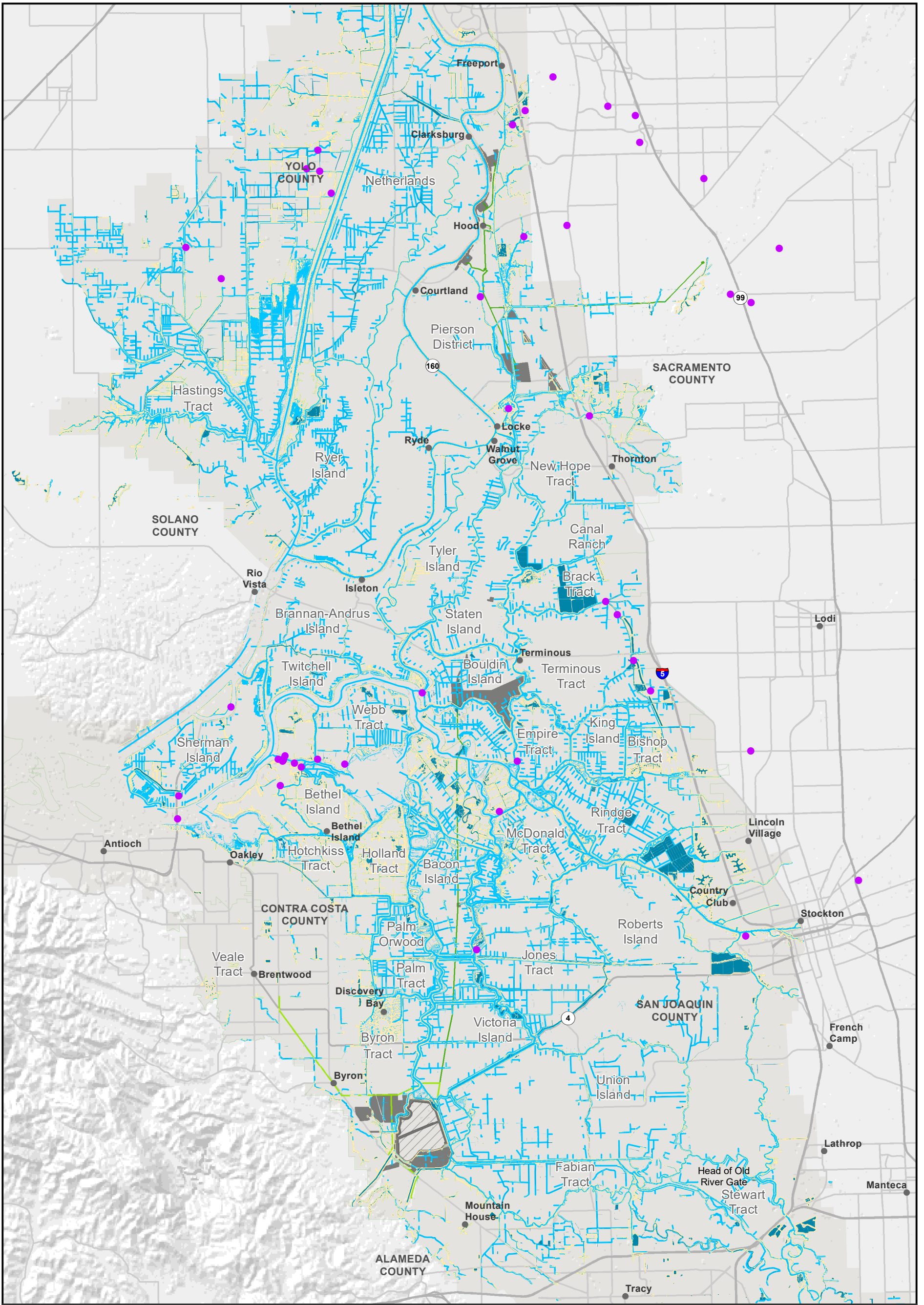


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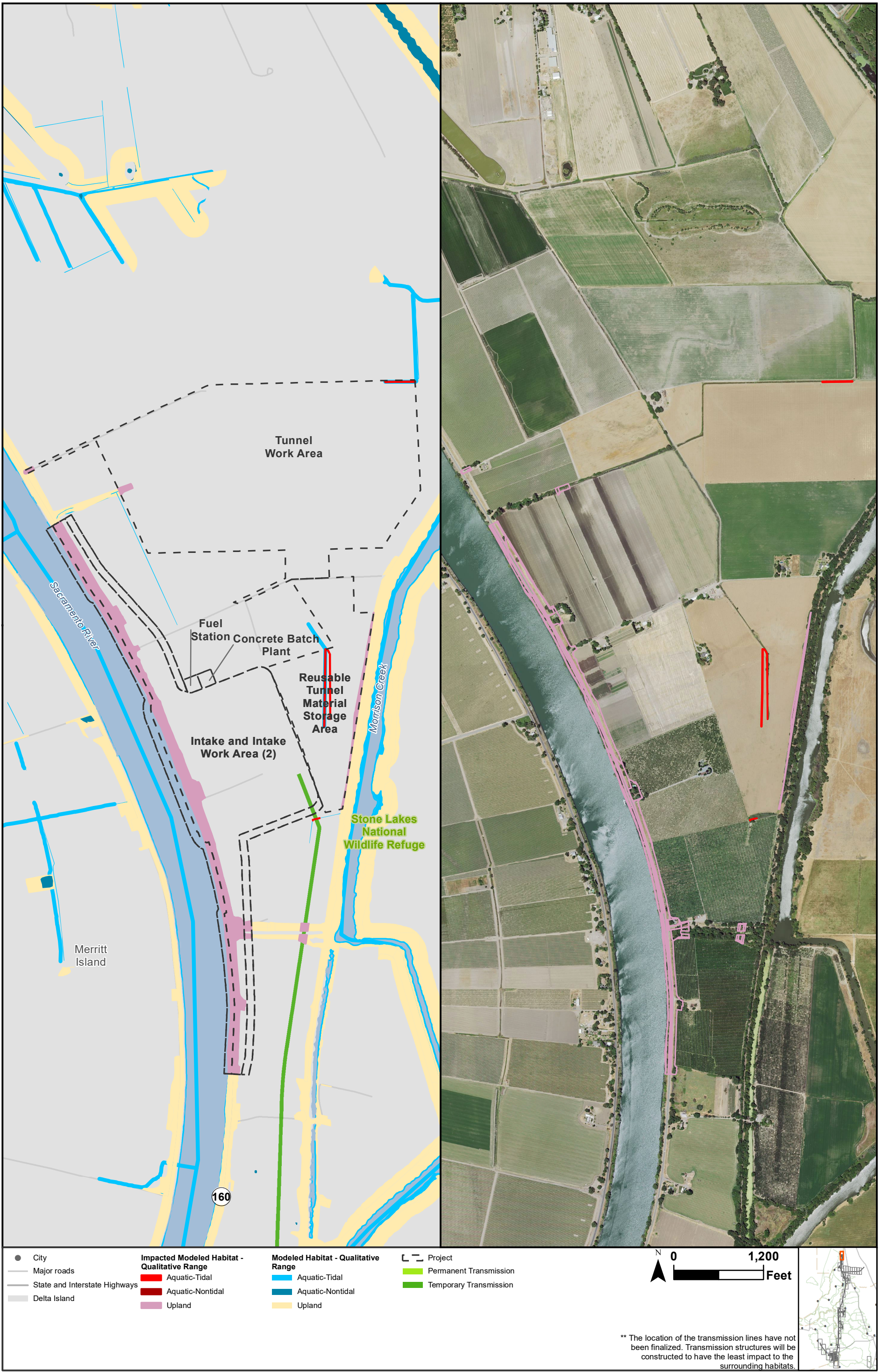


\*\* Temporary work areas may be restored after construction is complete, however, for the purposes of impact analysis, the effect is considered permanent

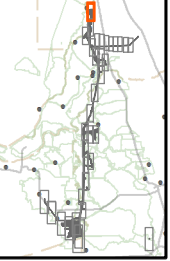
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; Critical Habitat, USFWS 2012



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- City
  - Major roads
  - State and Interstate Highways
  - Delta Island
- |  |   |  |
|--|---|--|
| <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li>■ Permanent Transmission</li> <li>■ Temporary Transmission</li> </ul> |
|--|---|--|



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

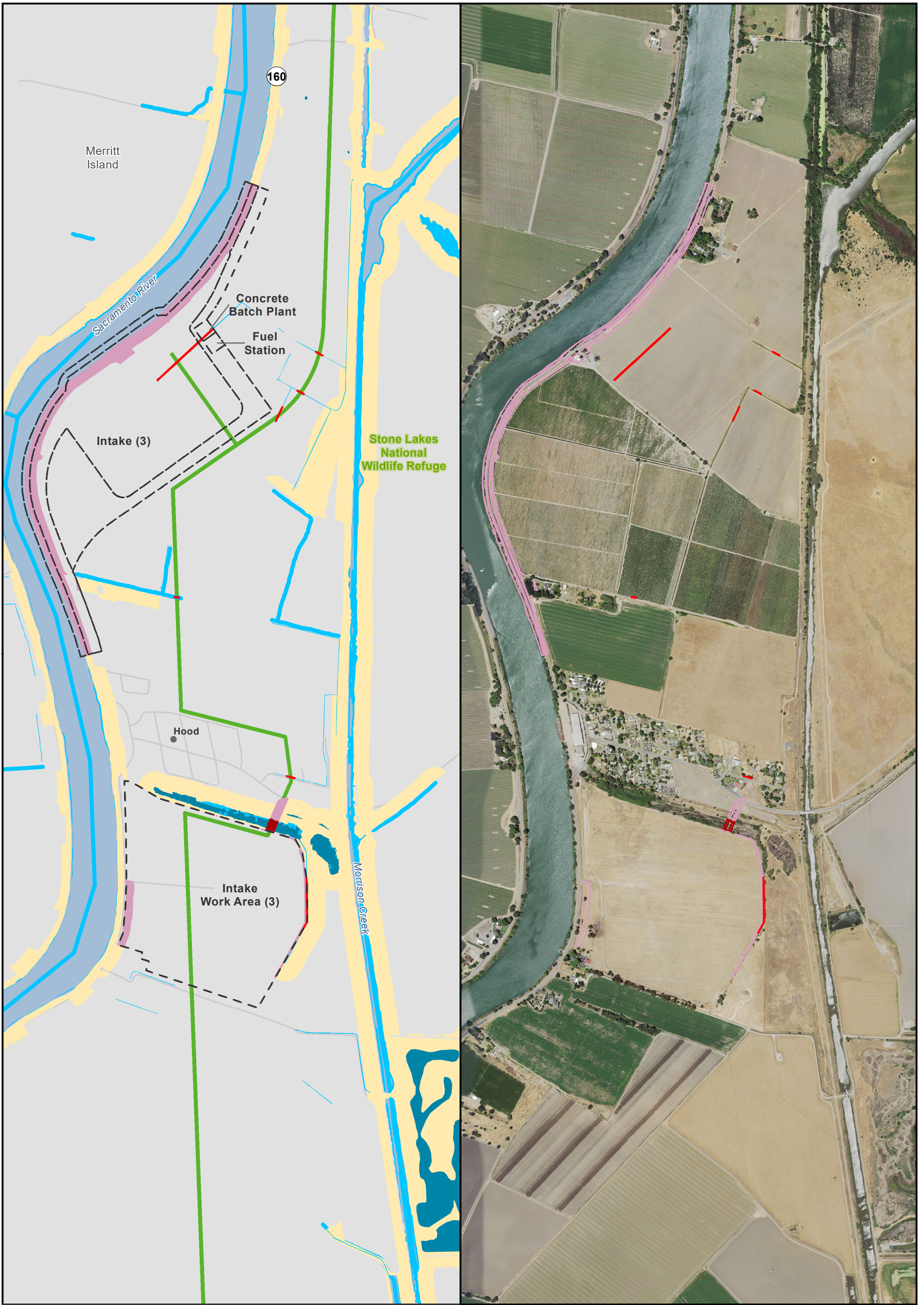


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**

**Intake 2**

**Figure 4.6-2 of 4.6-36**

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|                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▭ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ▬ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ▬ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |

N  
 0 1,200  
 Feet

\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**

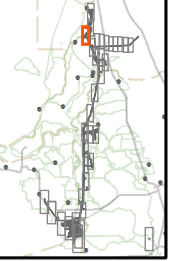
**Intake 3**

**Figure 4.6-3 of 4.6-36**

S:\Biological\Assess\_ESA\_Sect7\_Permittin\ENV126\_15\_SpeciesDistribution\_2pane\_201601.mxd 2016706 [dlsb] [Doc No: GIS-00204]



- City
  - Major roads
  - State and Interstate Highways
  - Delta Island
- |  |   |  |
|--|---|--|
| <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">■</span> Aquatic-Tidal</li> <li><span style="color: darkred;">■</span> Aquatic-Nontidal</li> <li><span style="color: pink;">■</span> Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: cyan;">■</span> Aquatic-Tidal</li> <li><span style="color: teal;">■</span> Aquatic-Nontidal</li> <li><span style="color: yellow;">■</span> Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Permanent Transmission</li> <li><span style="color: limegreen;">■</span> Temporary Transmission</li> </ul> |
|--|---|--|



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

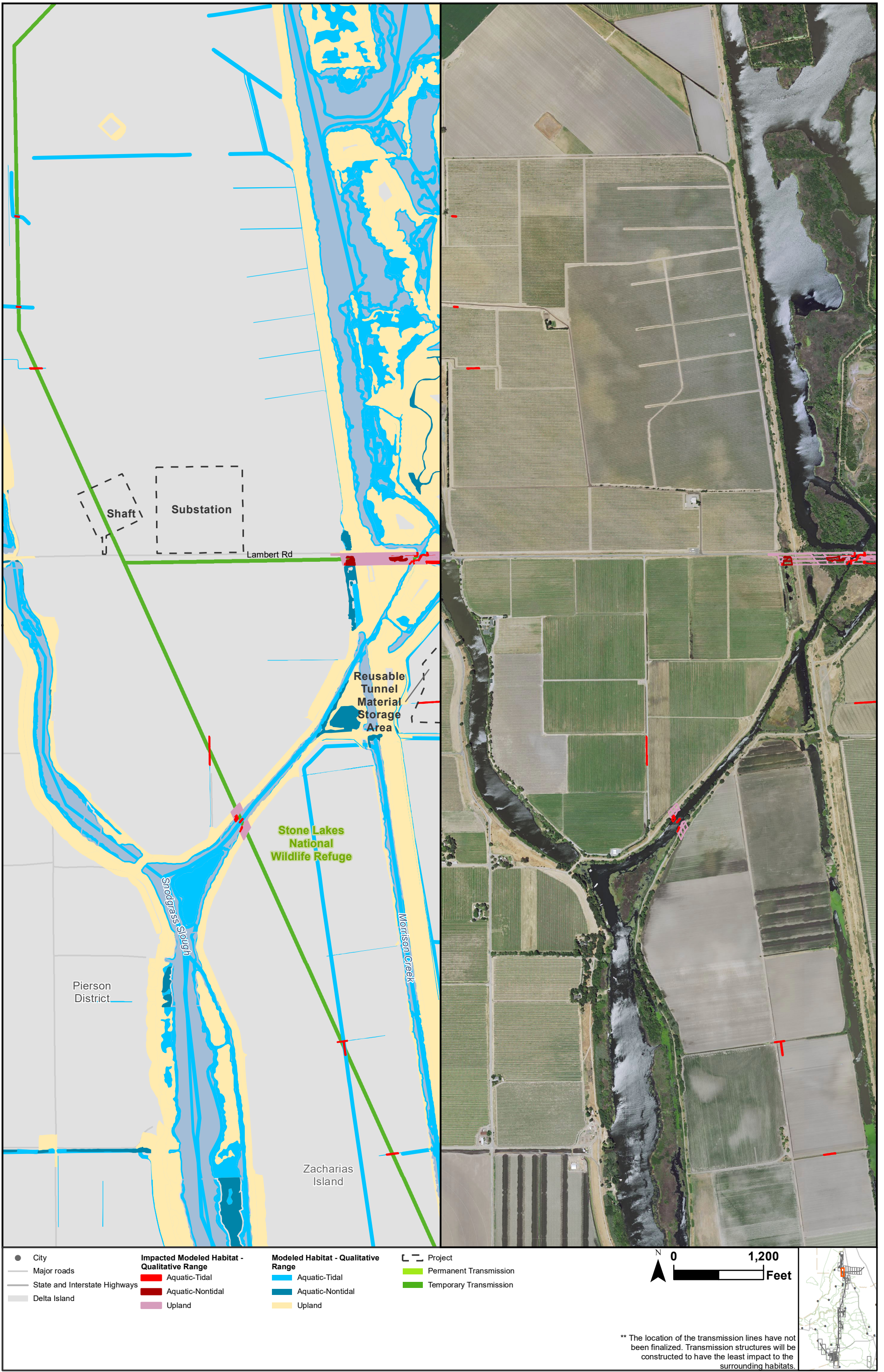
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**

**Intake 5  
Figure 4.6-4 of 4.6-36**

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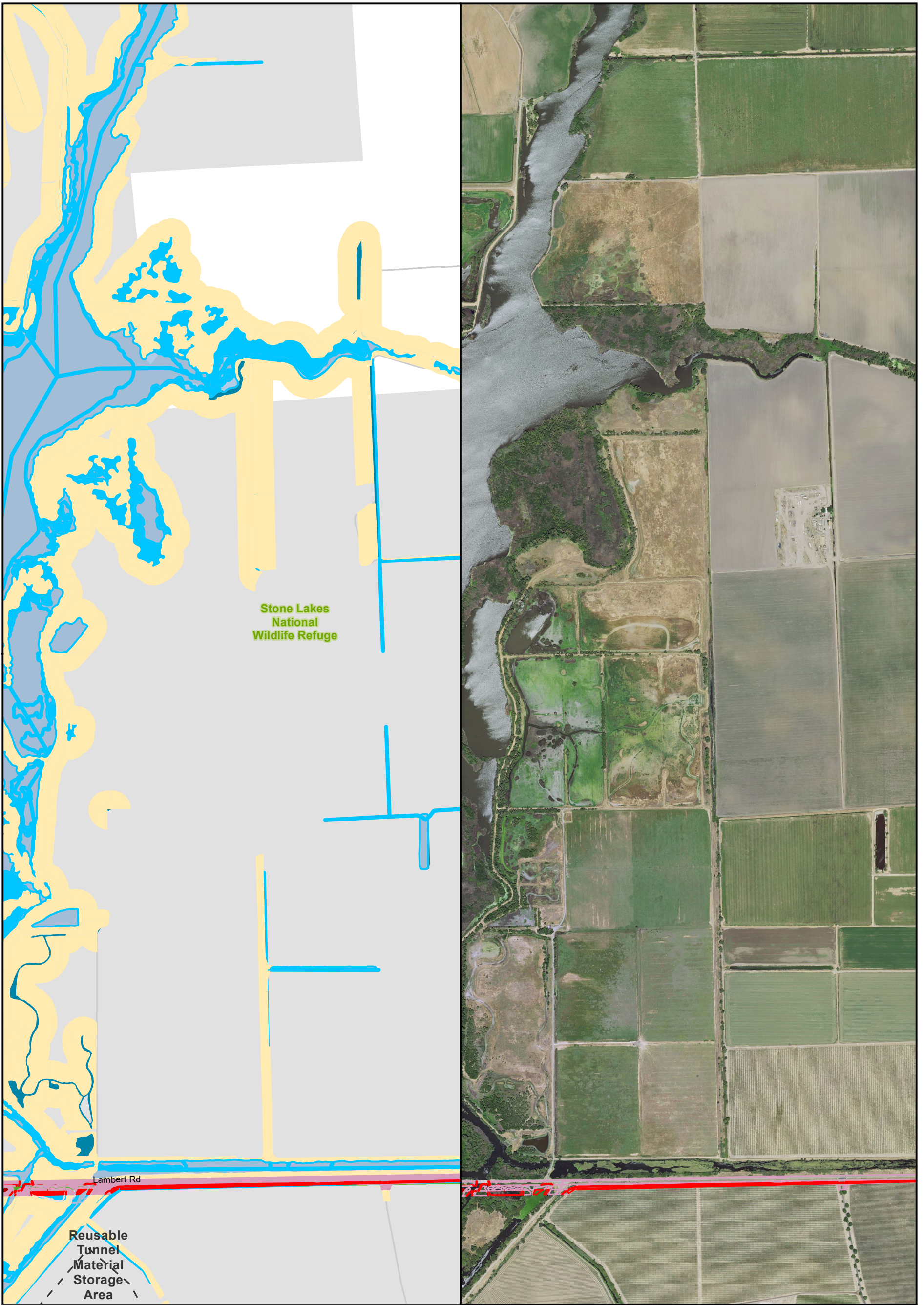
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

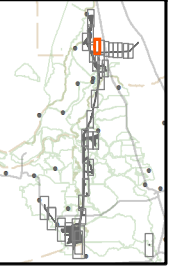


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Transmission Line - Electrical Substation  
Figure 4.6-5 of 4.6-36**

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- |                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▬ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ■ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ■ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |



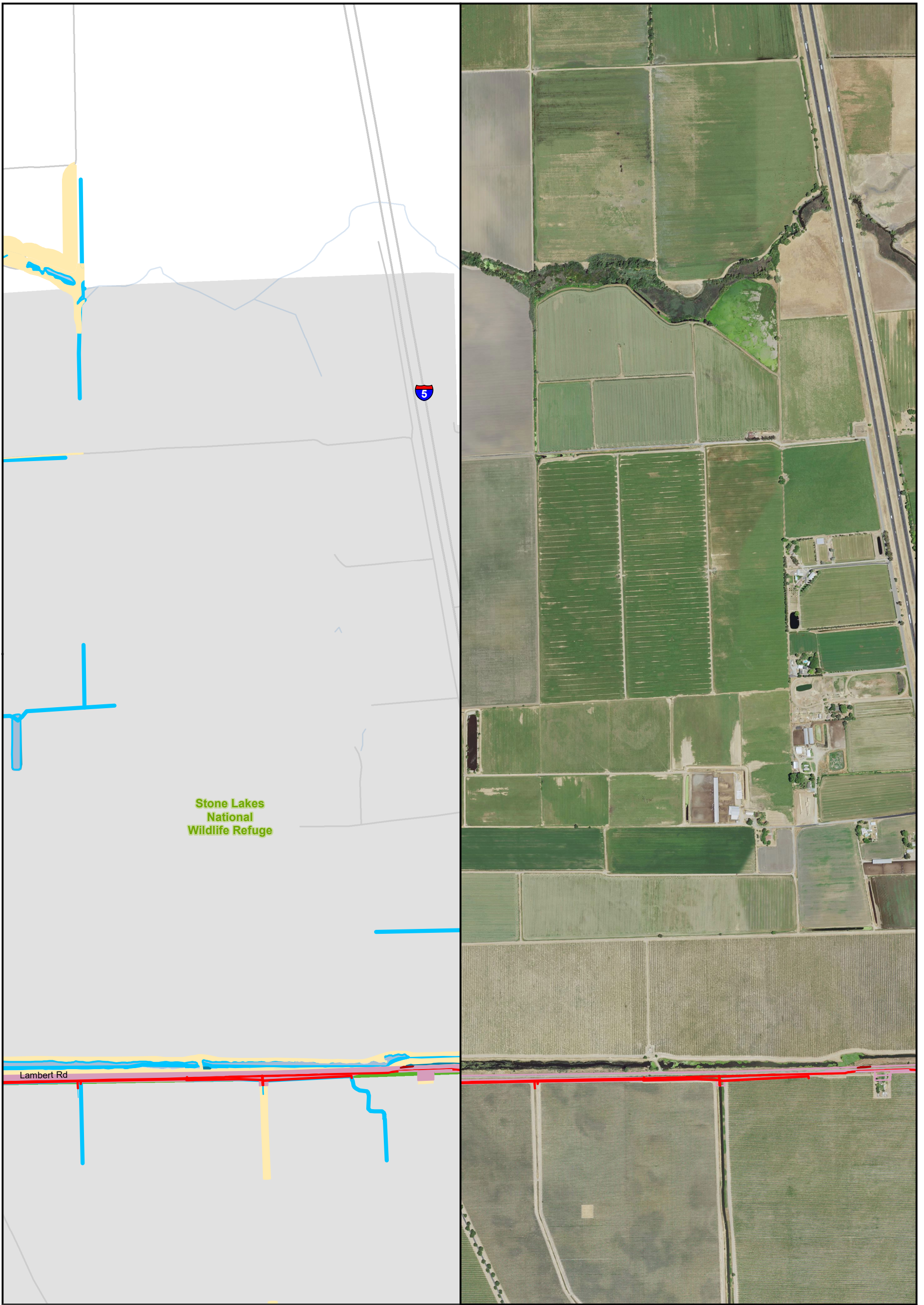
\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

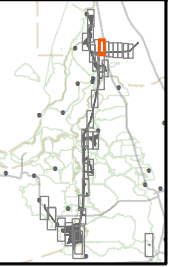


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Transmission Line - East leg  
Figure 4.6-6 of 4.6-36**

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|                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▭ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ■ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ■ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |



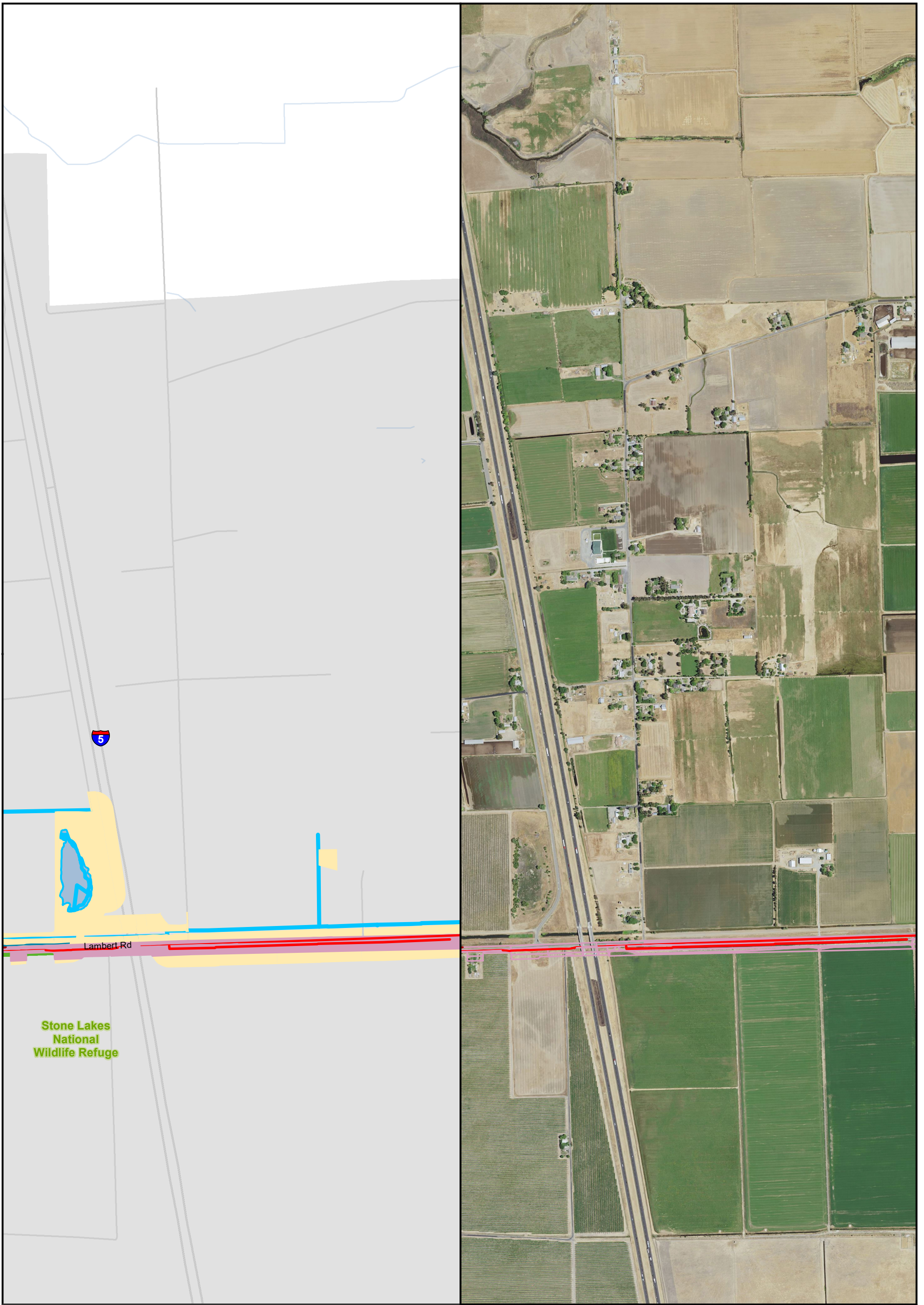
\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

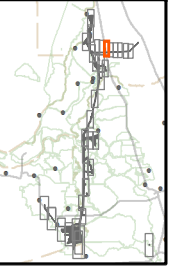


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Transmission Line - East leg  
Figure 4.6-7 of 4.6-36**

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- |                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▬ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ■ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ■ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

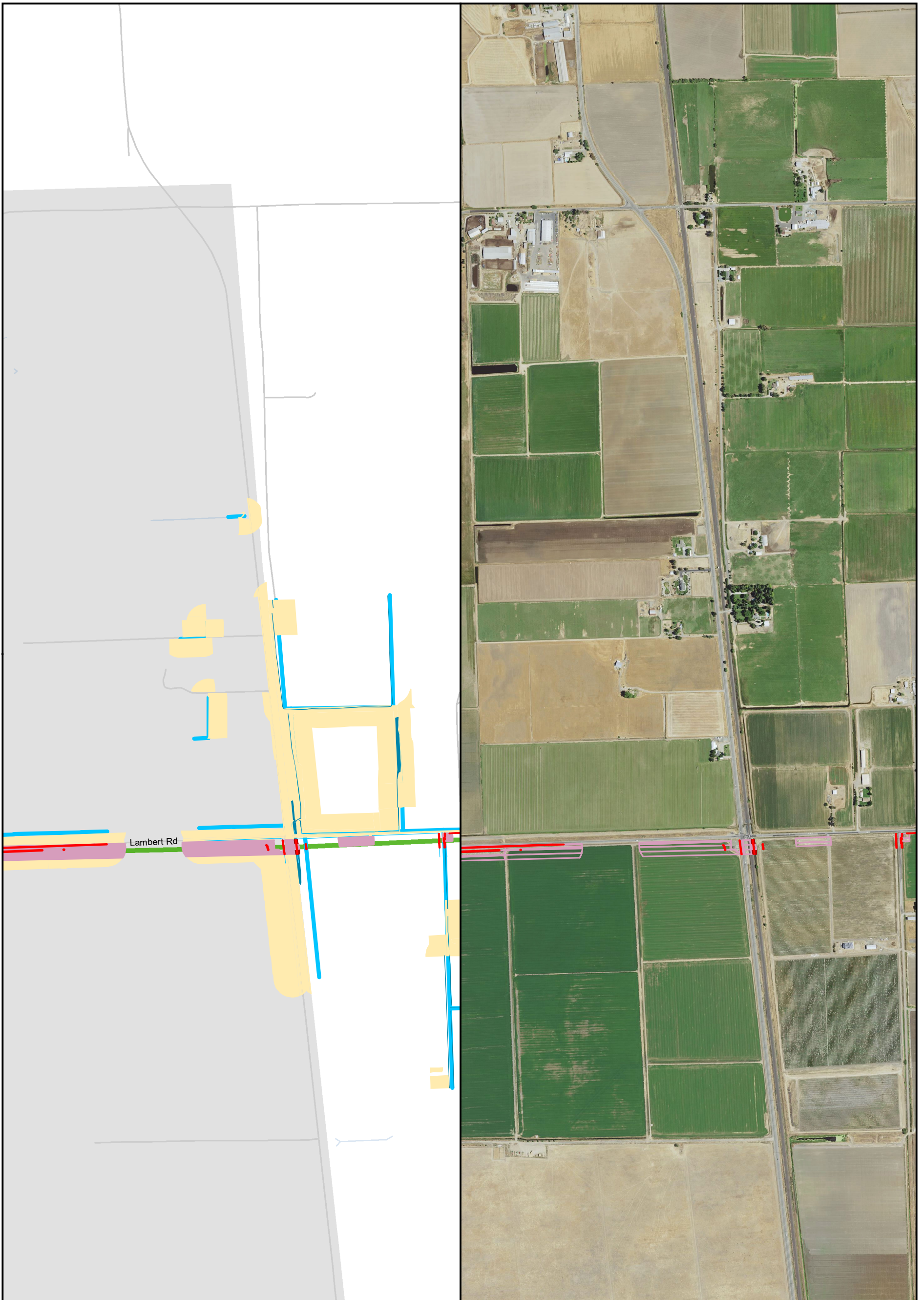
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



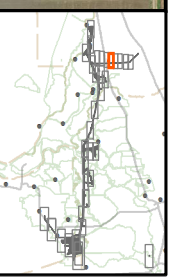
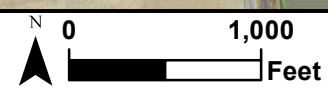
**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Transmission Line - East leg  
Figure 4.6-8 of 4.6-36**



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- |                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▬ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ■ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ■ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

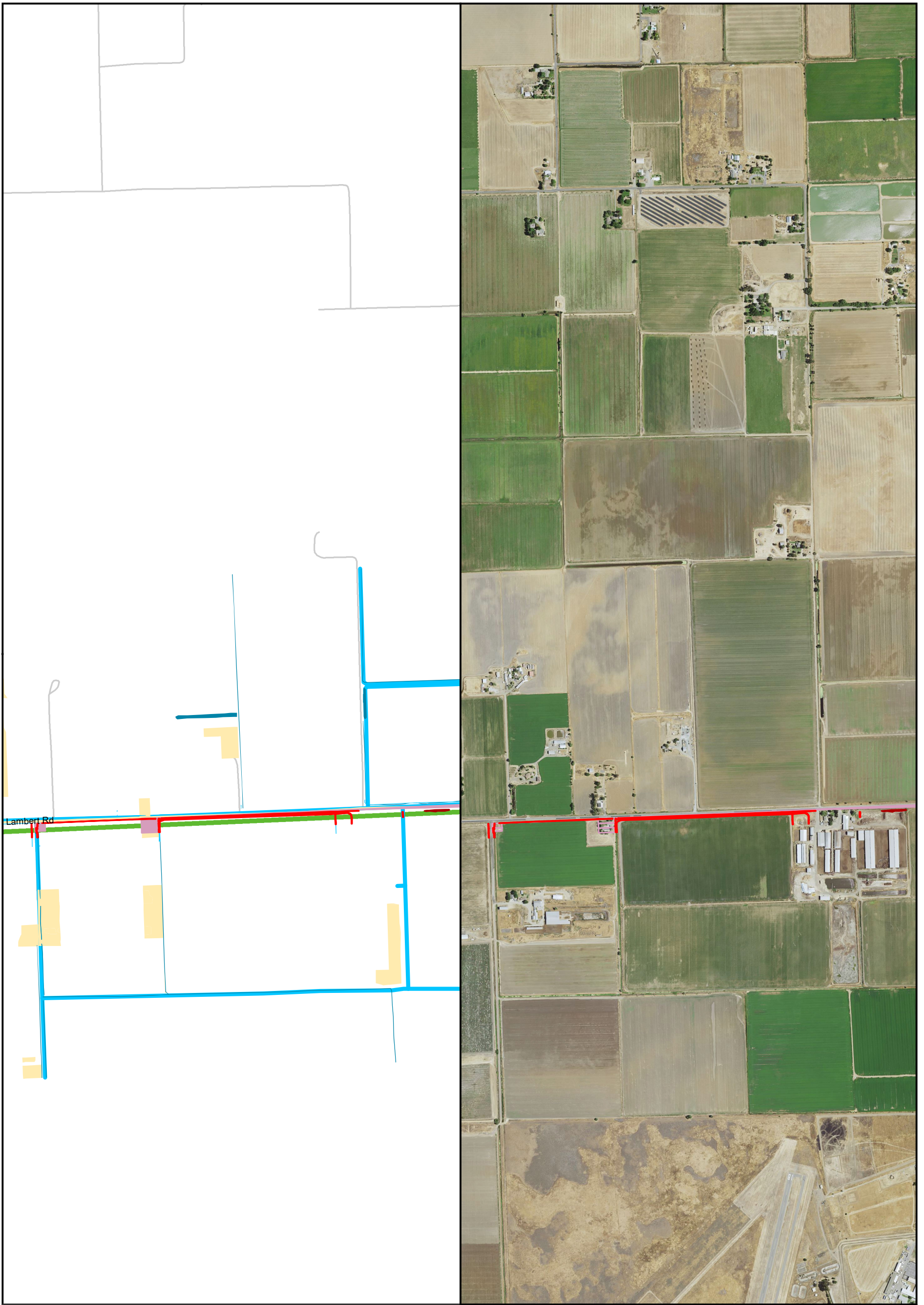
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



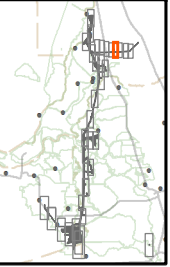
**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Transmission Line - East leg**

**Figure 4.6-9 of 4.6-36**

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- |                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▬ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ▬ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ▬ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Transmission Line - East leg**

**Figure 4.6-10 of 4.6-36**

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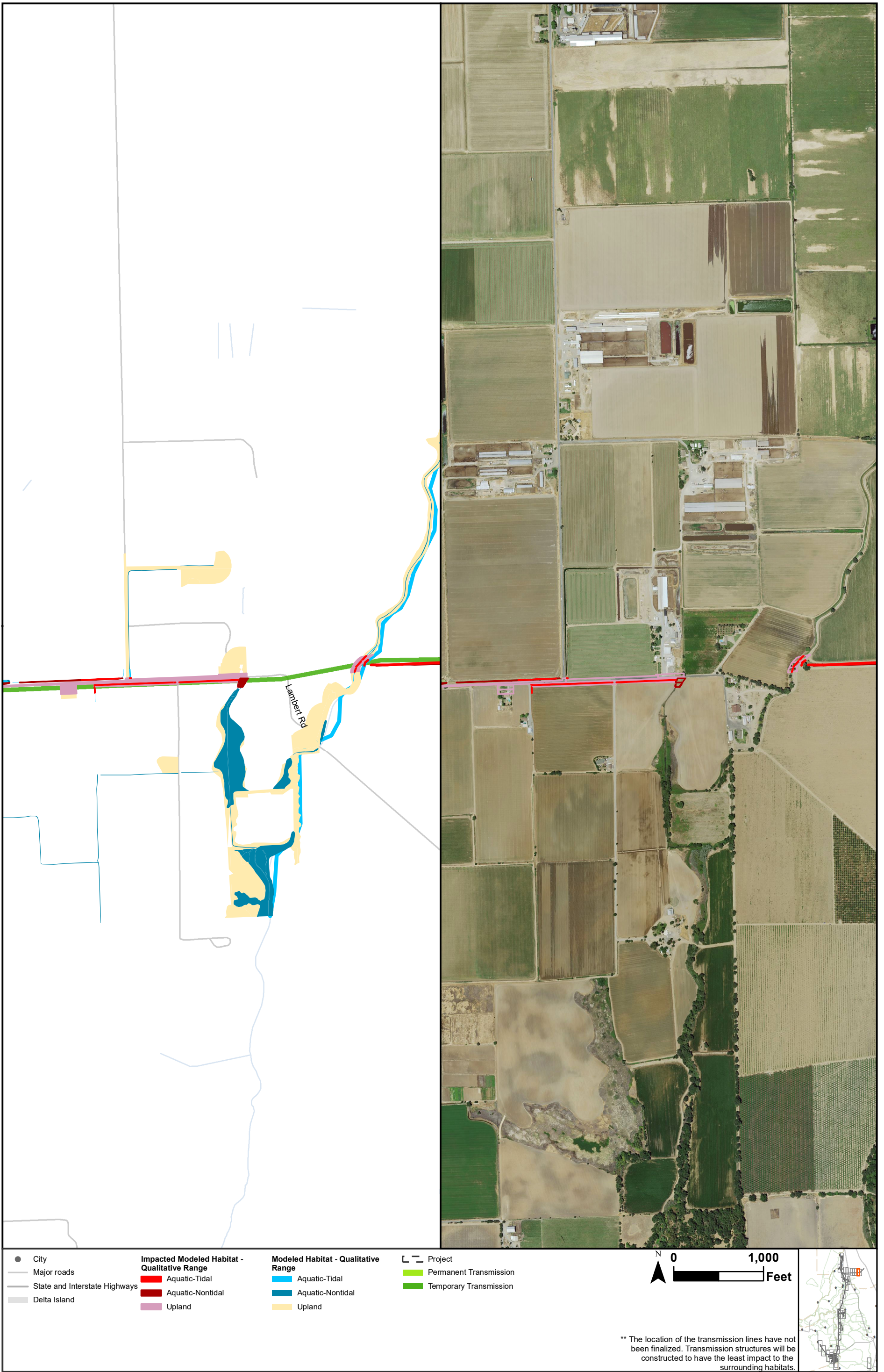


Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

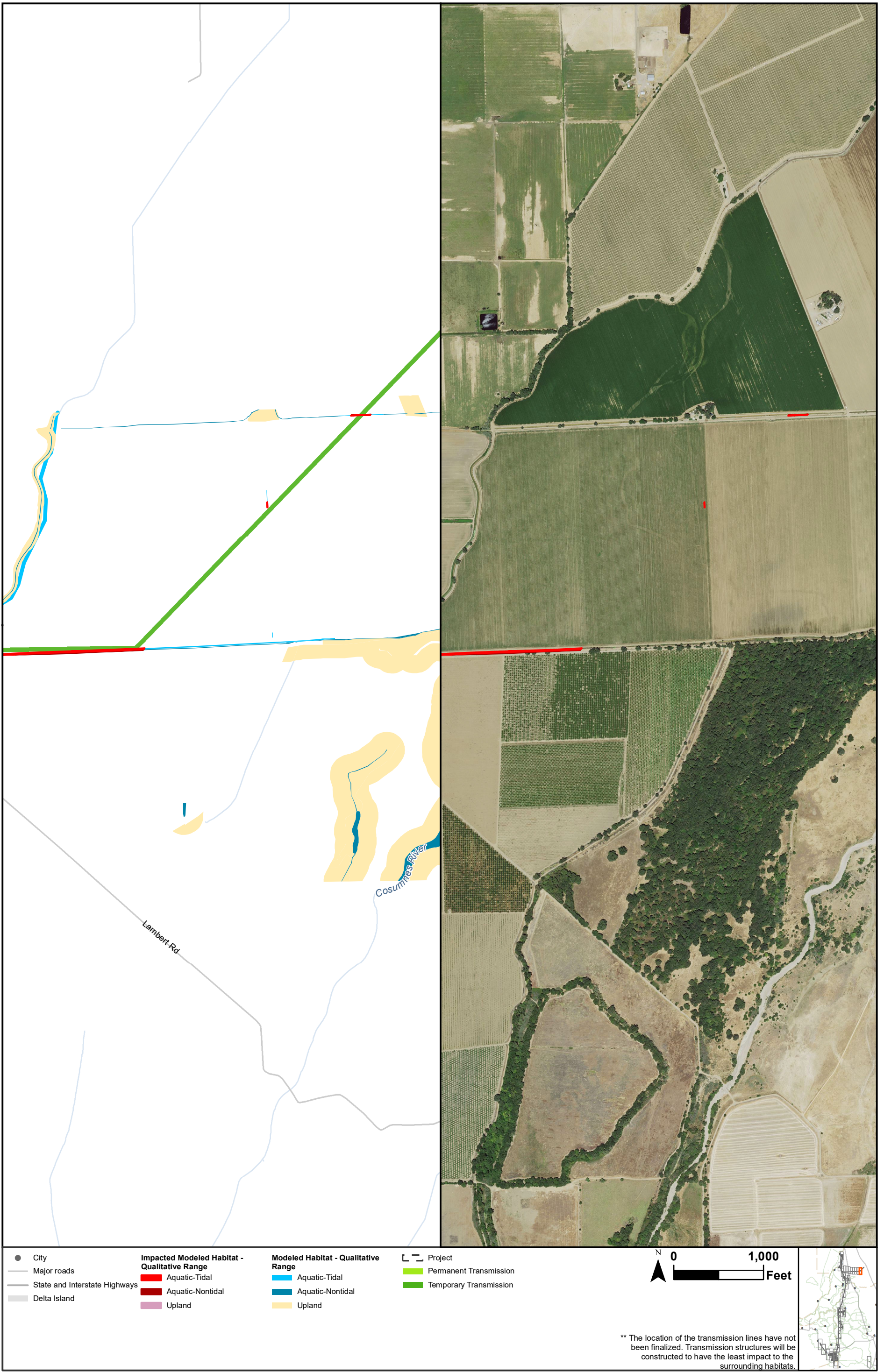
**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Transmission Line - East leg**



Figure 4.6-11 of 4.6-36



Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



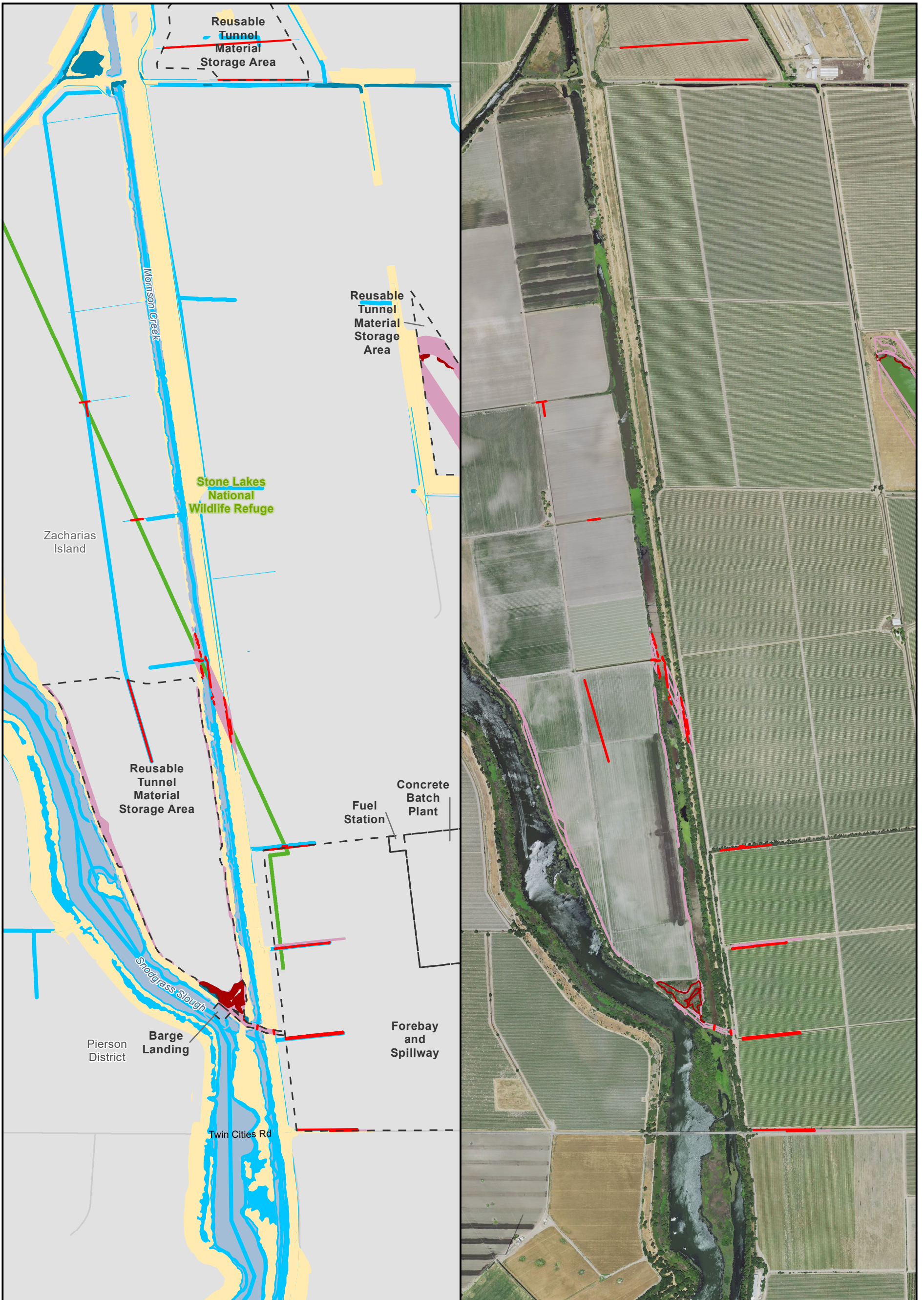
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Transmission Line - East leg**

Figure 4.6-13 of 4.6-36



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|  |  |   |  |                     |  |
|--|--|---|--|---------------------|--|
| <ul style="list-style-type: none"> <li>● City</li> <li>— Major roads</li> <li>— State and Interstate Highways</li> <li>— Delta Island</li> </ul> | <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li>■ Permanent Transmission</li> <li>■ Temporary Transmission</li> </ul> | <p>0 1,200 Feet</p> |  |
|--|--|---|--|---------------------|--|

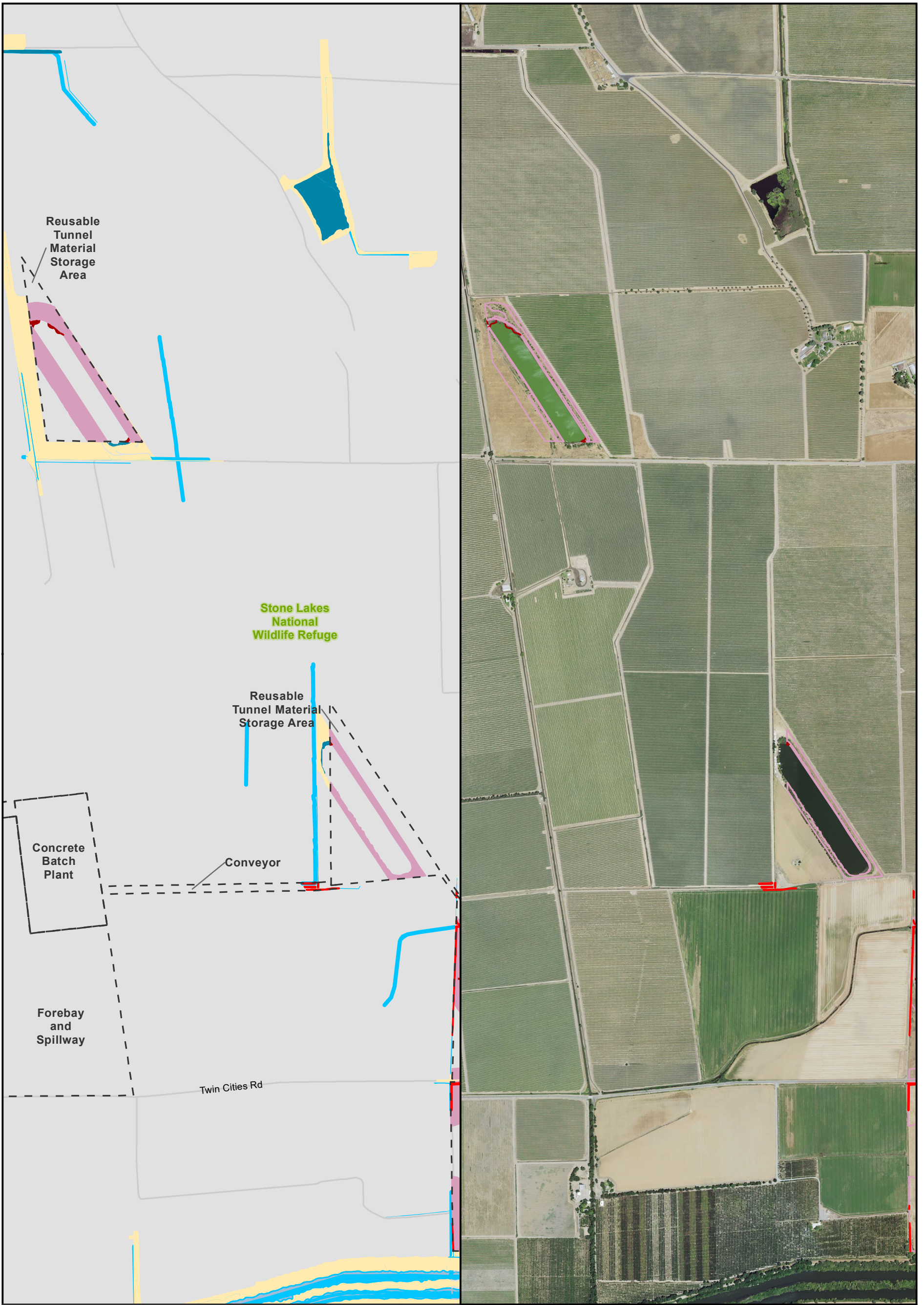
\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

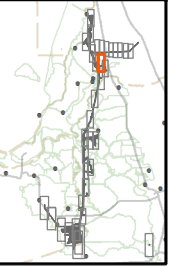


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Transmission Line - Intermediate Forebay  
Figure 4.6-14 of 4.6-36**

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- City
  - Major roads
  - State and Interstate Highways
  - Delta Island
- |  |   |   |
|--|---|---|
| <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">■</span> Aquatic-Tidal</li> <li><span style="color: darkred;">■</span> Aquatic-Nontidal</li> <li><span style="color: purple;">■</span> Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: cyan;">■</span> Aquatic-Tidal</li> <li><span style="color: blue;">■</span> Aquatic-Nontidal</li> <li><span style="color: yellow;">■</span> Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li><span style="color: lightgreen;">■</span> Permanent Transmission</li> <li><span style="color: green;">■</span> Temporary Transmission</li> </ul> |
|--|---|---|



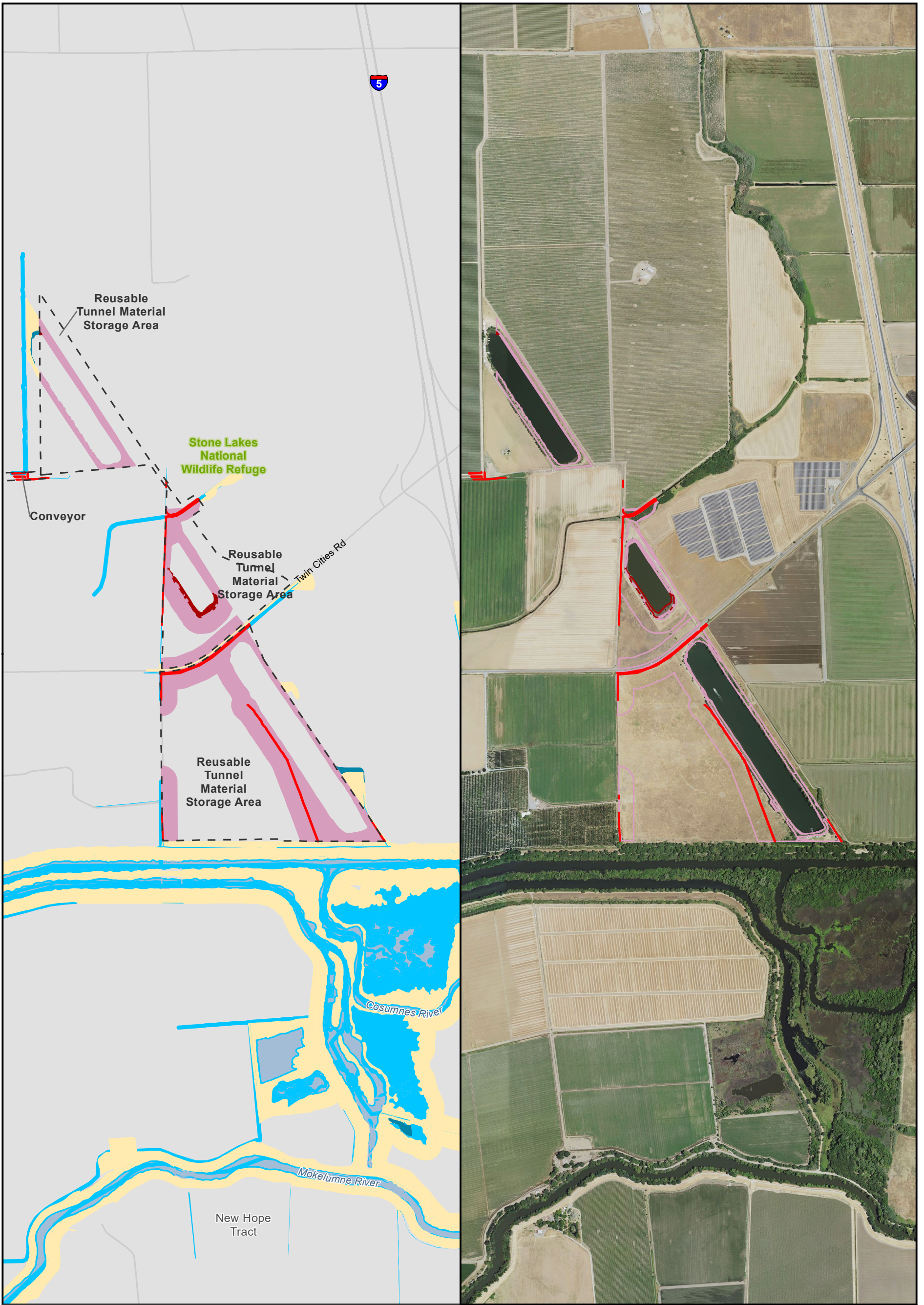
\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

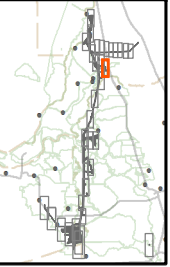


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Reusable Tunnel Material at Intermediate Forebay  
Figure 4.6-15 of 4.6-36**

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- |                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▭ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ■ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ■ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

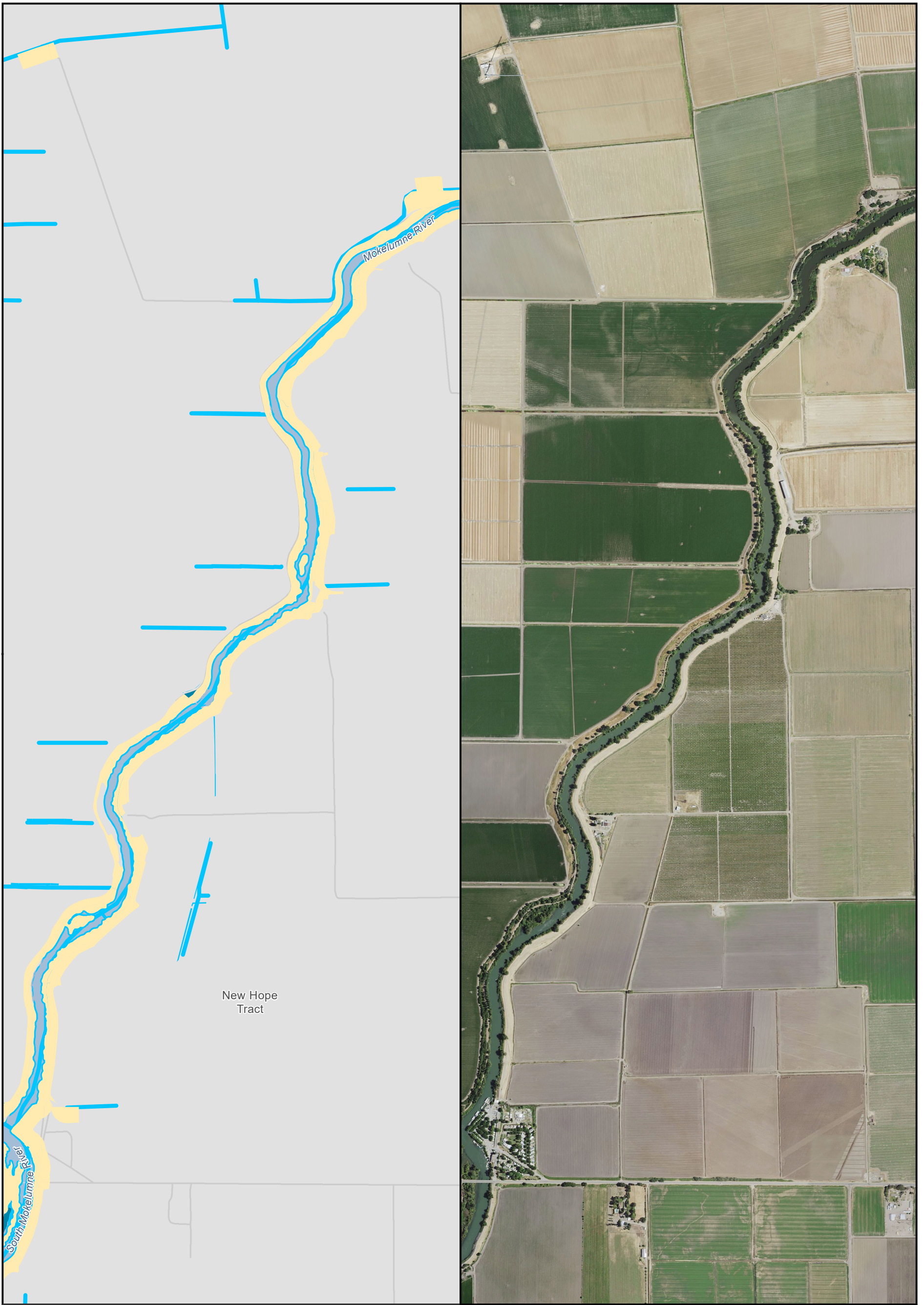
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Reusable Tunnel Material at Intermediate Forebay  
Figure 4.6-16 of 4.6-36**

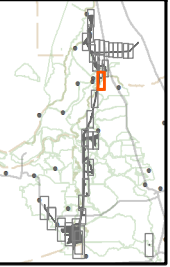


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New Hope Tract

- |                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▬ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ■ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ■ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |



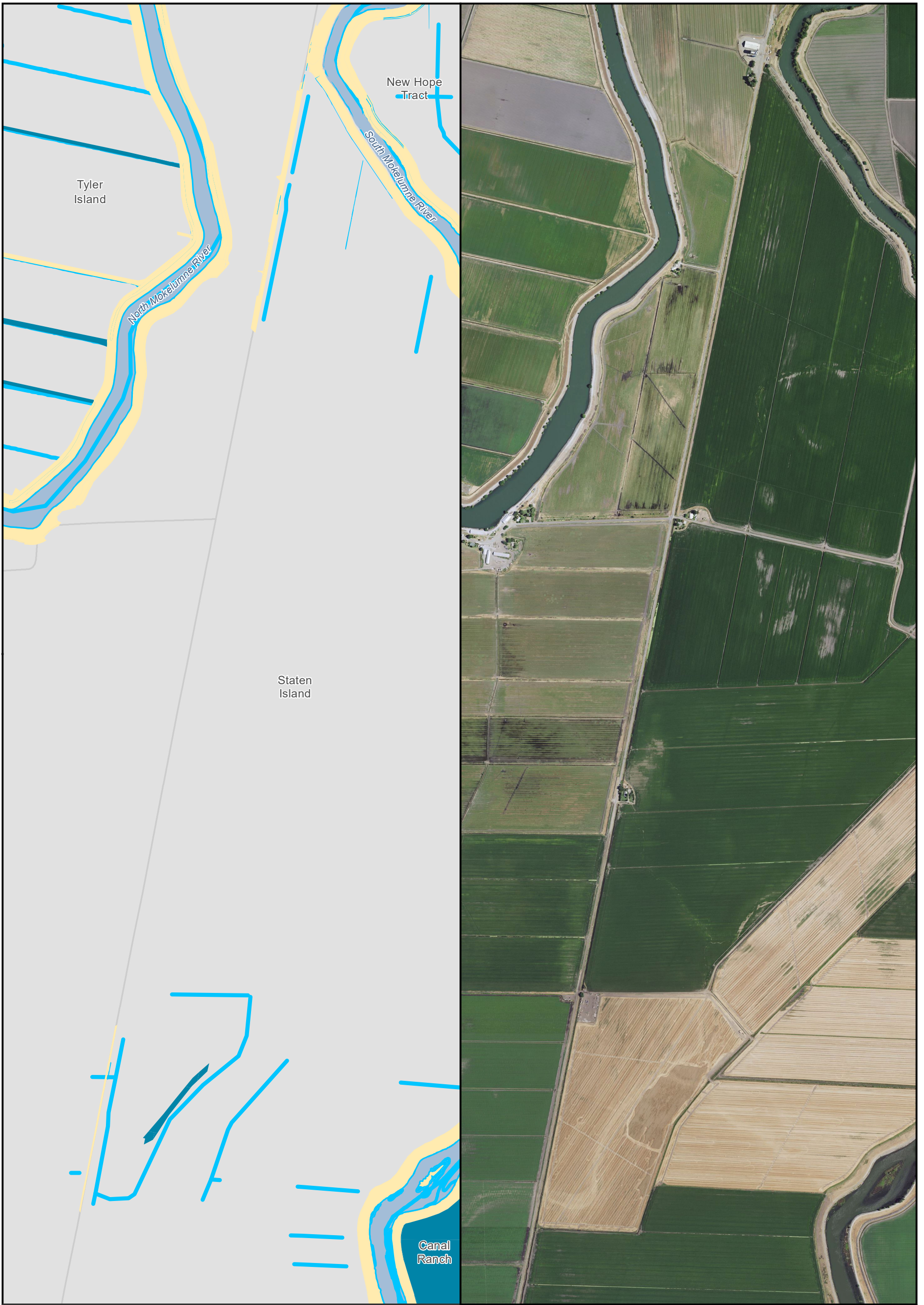
\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

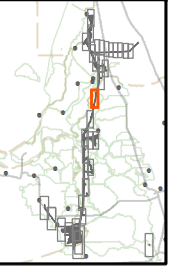


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**  
**Figure 4.6-17 of 4.6-36**

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- |                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▬ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ■ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ■ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Tunnel Work Area  
Figure 4.6-18 of 4.6-36**

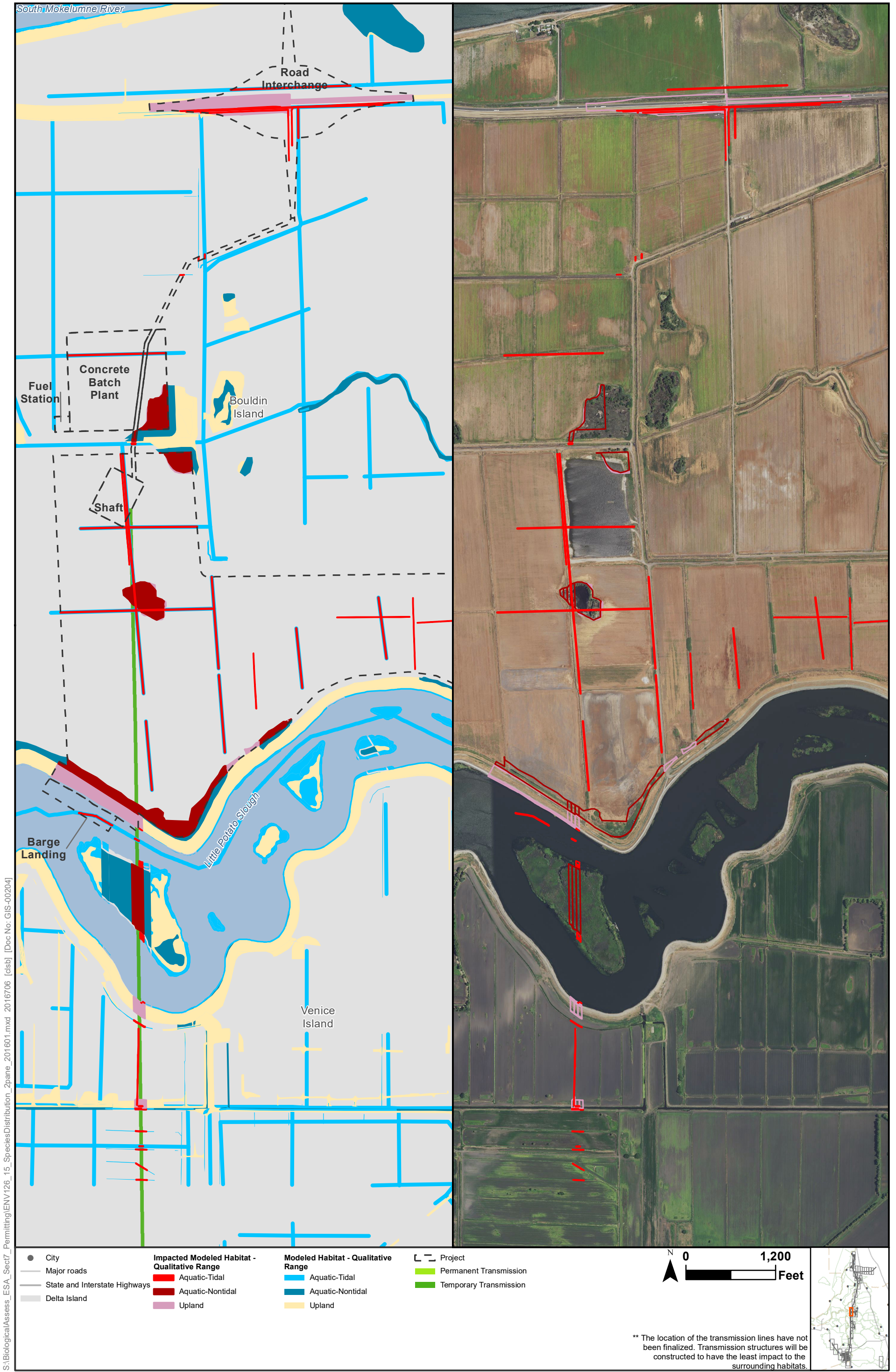


Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**



**Shaft Area**  
**Figure 4.6-19 of 4.6-36**



S:\Biological\Assess\_ESA\_Sect7\_Permitting\ENV126\_15\_SpeciesDistribution\_2pane\_201601.mxd 2016706 [dlsb] [Doc No: GIS-00204]

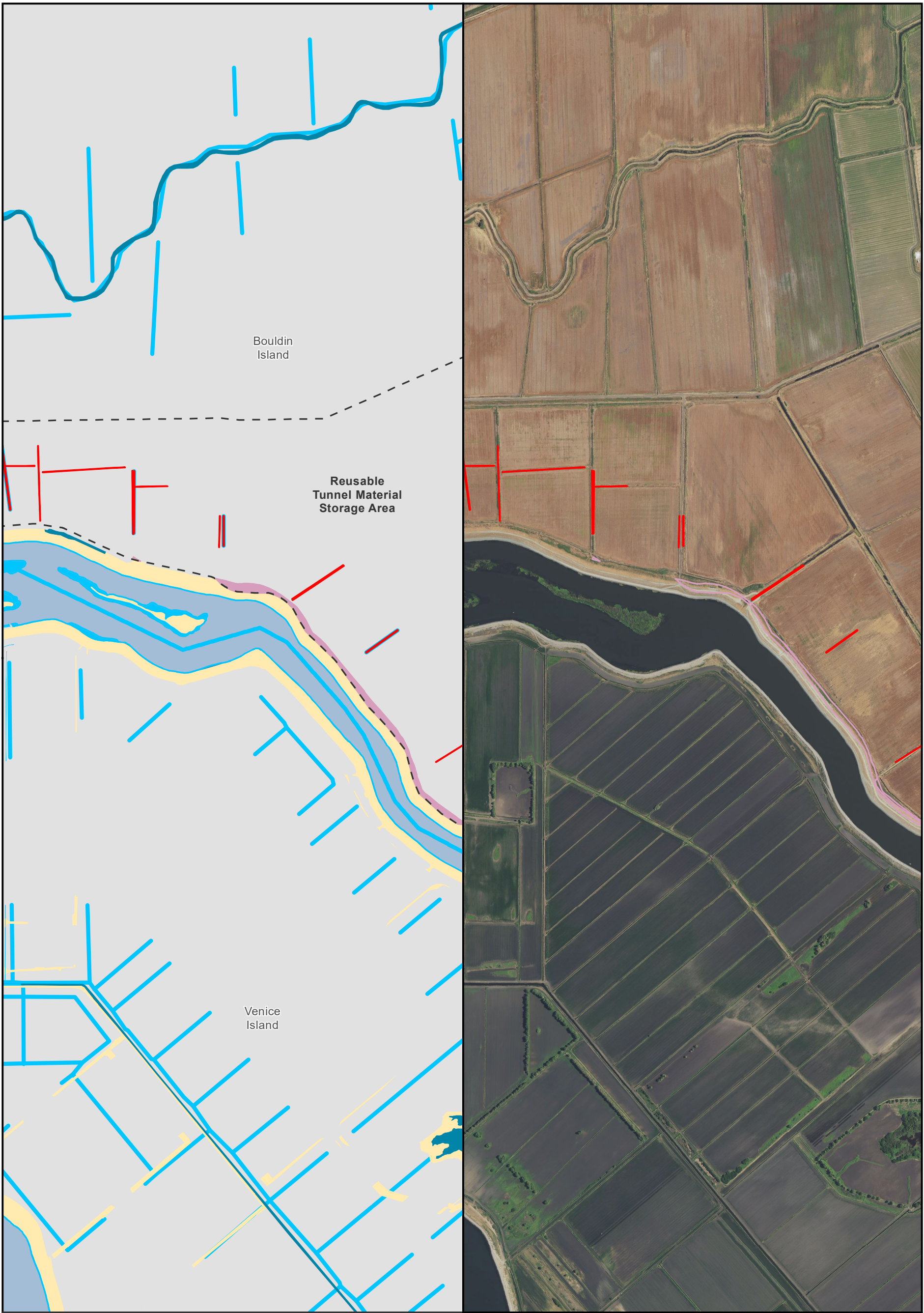
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction Shaft & Reusable Tunnel Material**  
**Figure 4.6-20 of 4.6-36**

S:\Biological\Assess\_ESA\_Sect7\_Permittin\ENV126\_15\_SpeciesDistribution\_2pane\_201601.mxd 2016706 [clsb] [Doc No: GIS-00204]

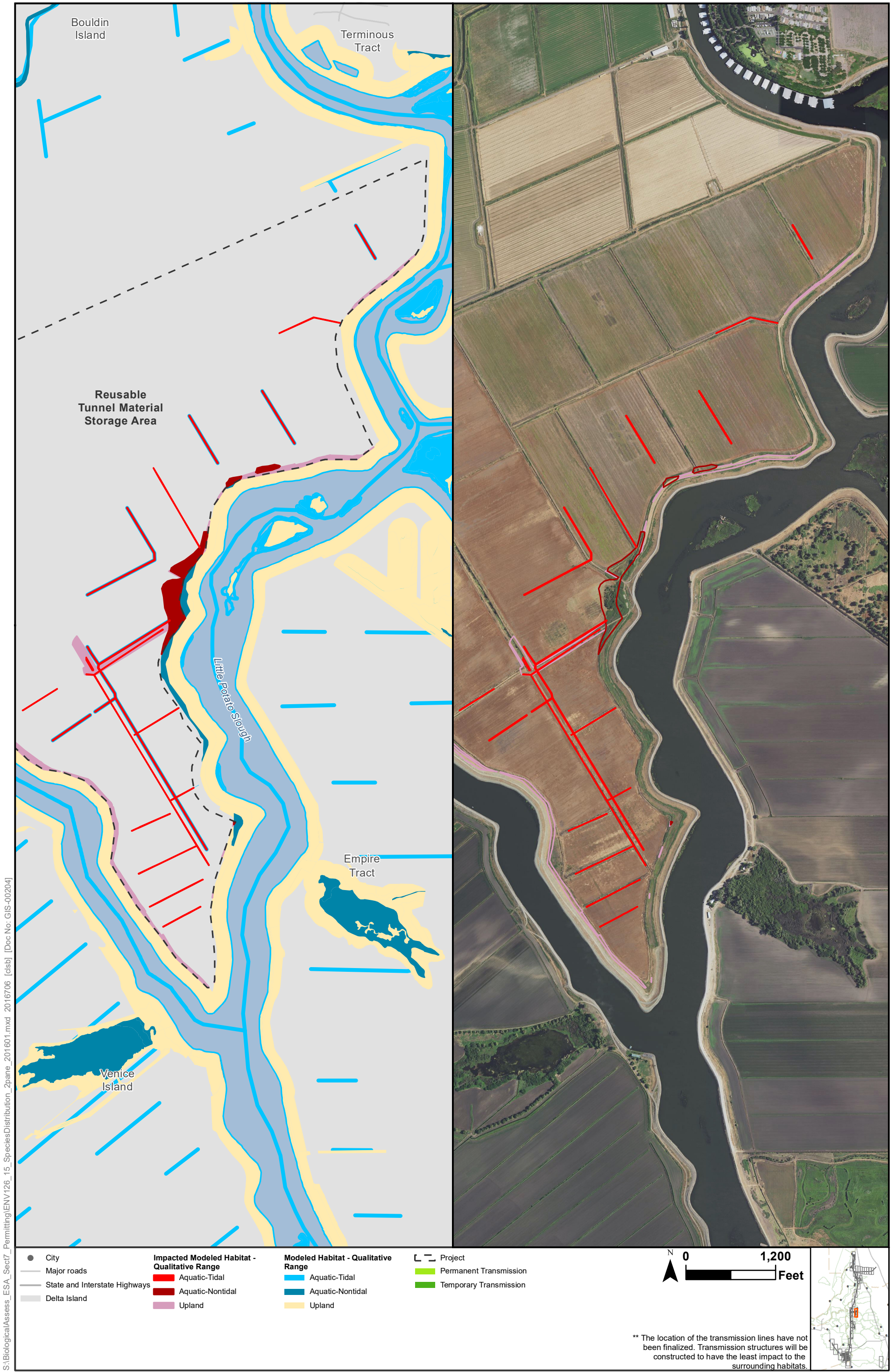


\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**  
**Reusable Tunnel Material**  
**Figure 4.6-21 of 4.6-36**



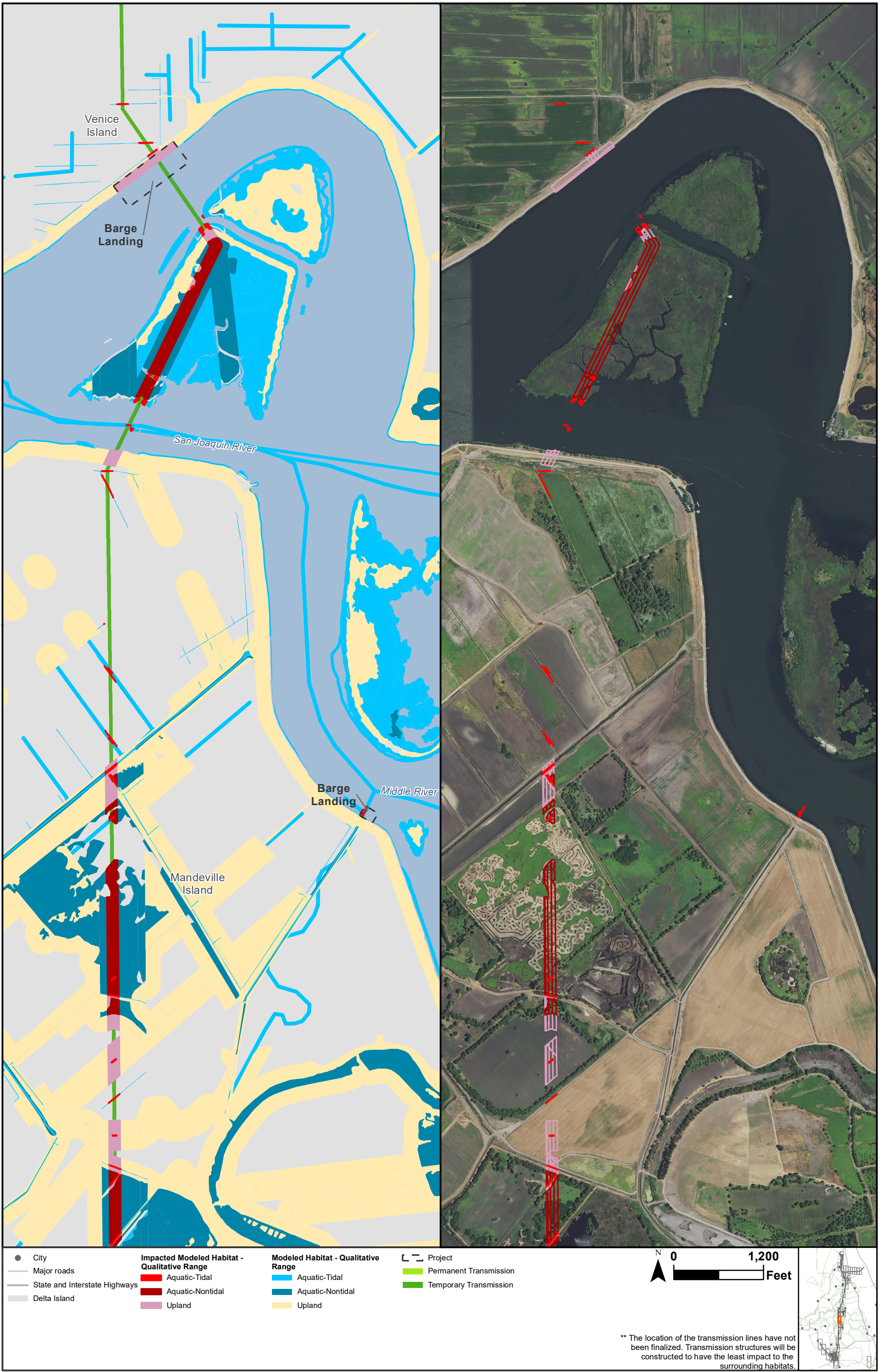
S:\Biological\Assess\_ESA\_Sect7\_Permittin\ENV126\_15\_SpeciesDistribution\_2pane\_201601.mxd 2016706 [clsb] [Doc No.: GIS-00204]

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**  
**Reusable Tunnel Material**  
**Figure 4.6-22 of 4.6-36**

S:\Biological\Assess\_ESA\_Sect7\_Permittin\ENV126\_15\_SpeciesDistribution\_2pane\_201601.mxd 2016706 [clsb] [Doc No: GIS-00204]

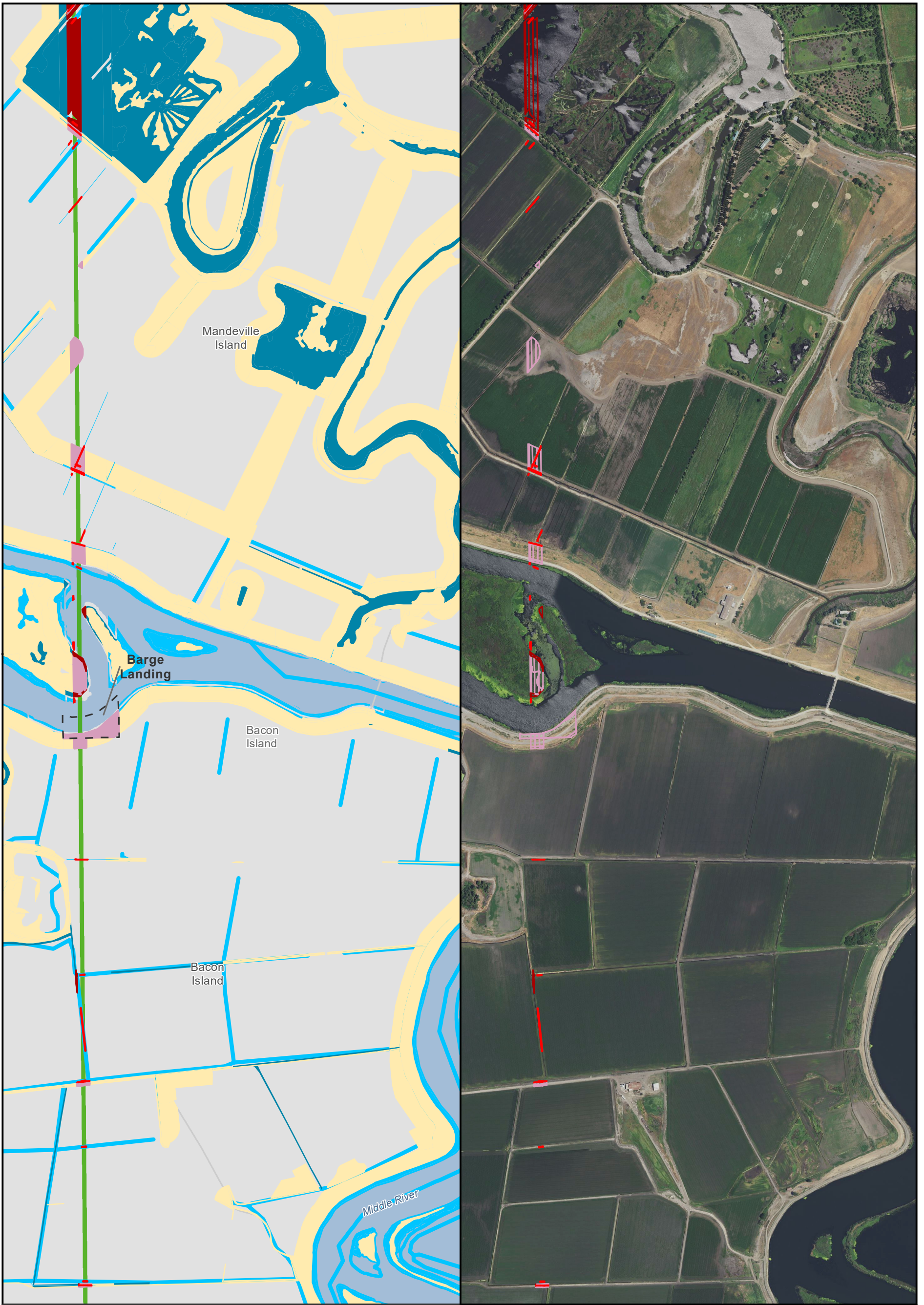


Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

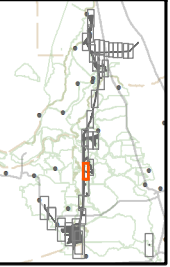


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**  
**Barge Landing**  
**Figure 4.6-23 of 4.6-36**

S:\Biological\Assess\_ESA\_Sect7\_Permittin\ENV126\_15\_SpeciesDistribution\_2pane\_201601.mxd\_2016706 [dlsb] [Doc No.: GIS-00204]



- City
  - Major roads
  - State and Interstate Highways
  - Delta Island
- |  |   |  |
|--|---|--|
| <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li>■ Permanent Transmission</li> <li>■ Temporary Transmission</li> </ul> |
|--|---|--|



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction Tunnel Work Area & Transmission Line**  
**Figure 4.6-24 of 4.6-36**



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- City
- Major roads
- State and Interstate Highways
- Delta Island

- Impacted Modeled Habitat - Qualitative Range**
- Aquatic-Tidal
  - Aquatic-Nontidal
  - Upland

- Modeled Habitat - Qualitative Range**
- Aquatic-Tidal
  - Aquatic-Nontidal
  - Upland

- Project**
- Permanent Transmission
  - Temporary Transmission



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

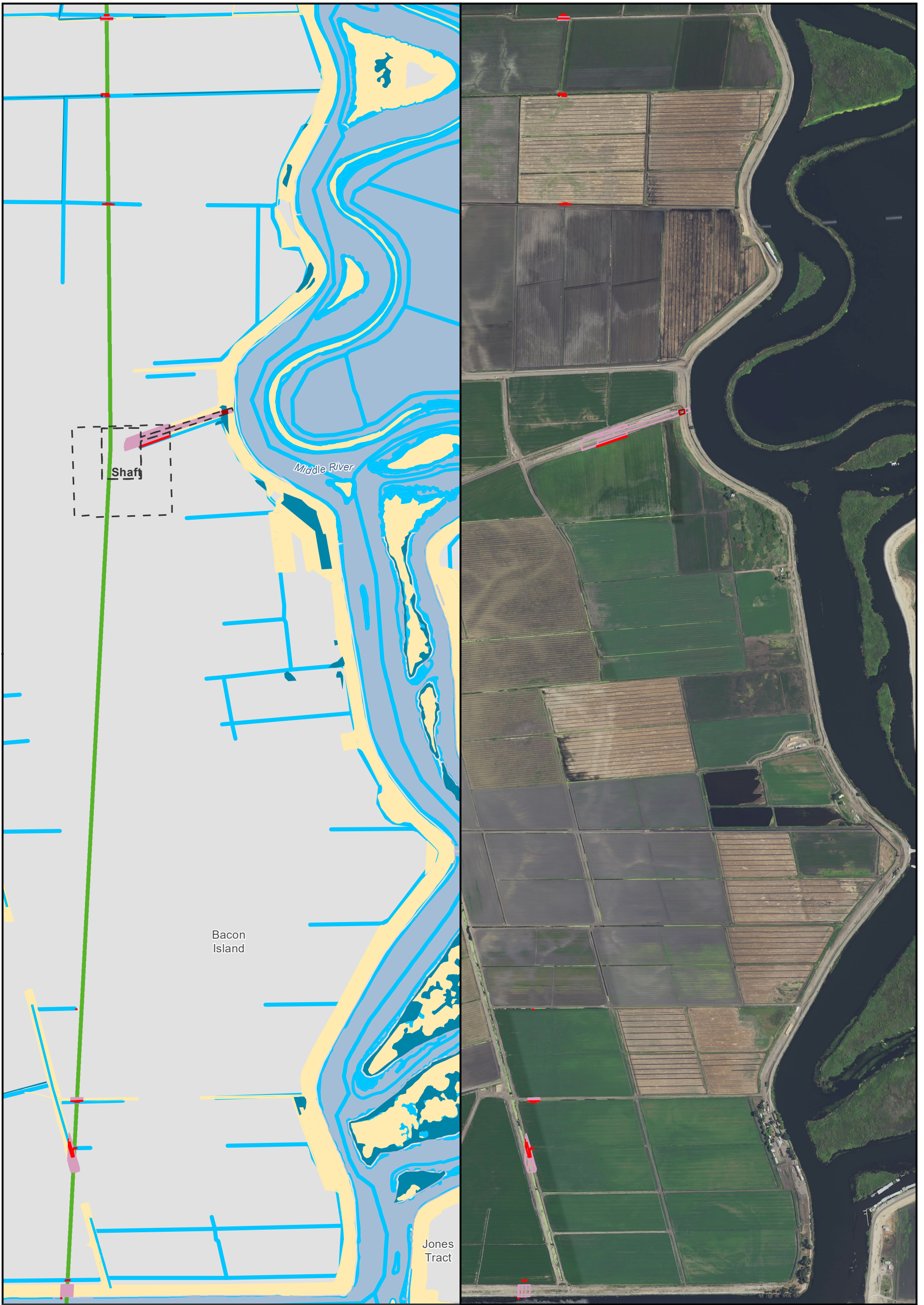
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**

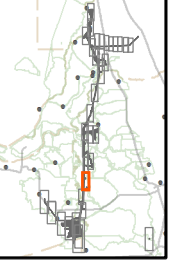


**Tunnel Work Area  
Figure 4.6-25 of 4.6-36**

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- City
  - Major roads
  - State and Interstate Highways
  - Delta Island
- |  |   |   |
|--|---|---|
| <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">■</span> Aquatic-Tidal</li> <li><span style="color: darkred;">■</span> Aquatic-Nontidal</li> <li><span style="color: purple;">■</span> Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: cyan;">■</span> Aquatic-Tidal</li> <li><span style="color: teal;">■</span> Aquatic-Nontidal</li> <li><span style="color: yellow;">■</span> Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Permanent Transmission</li> <li><span style="color: lightgreen;">■</span> Temporary Transmission</li> </ul> |
|--|---|---|



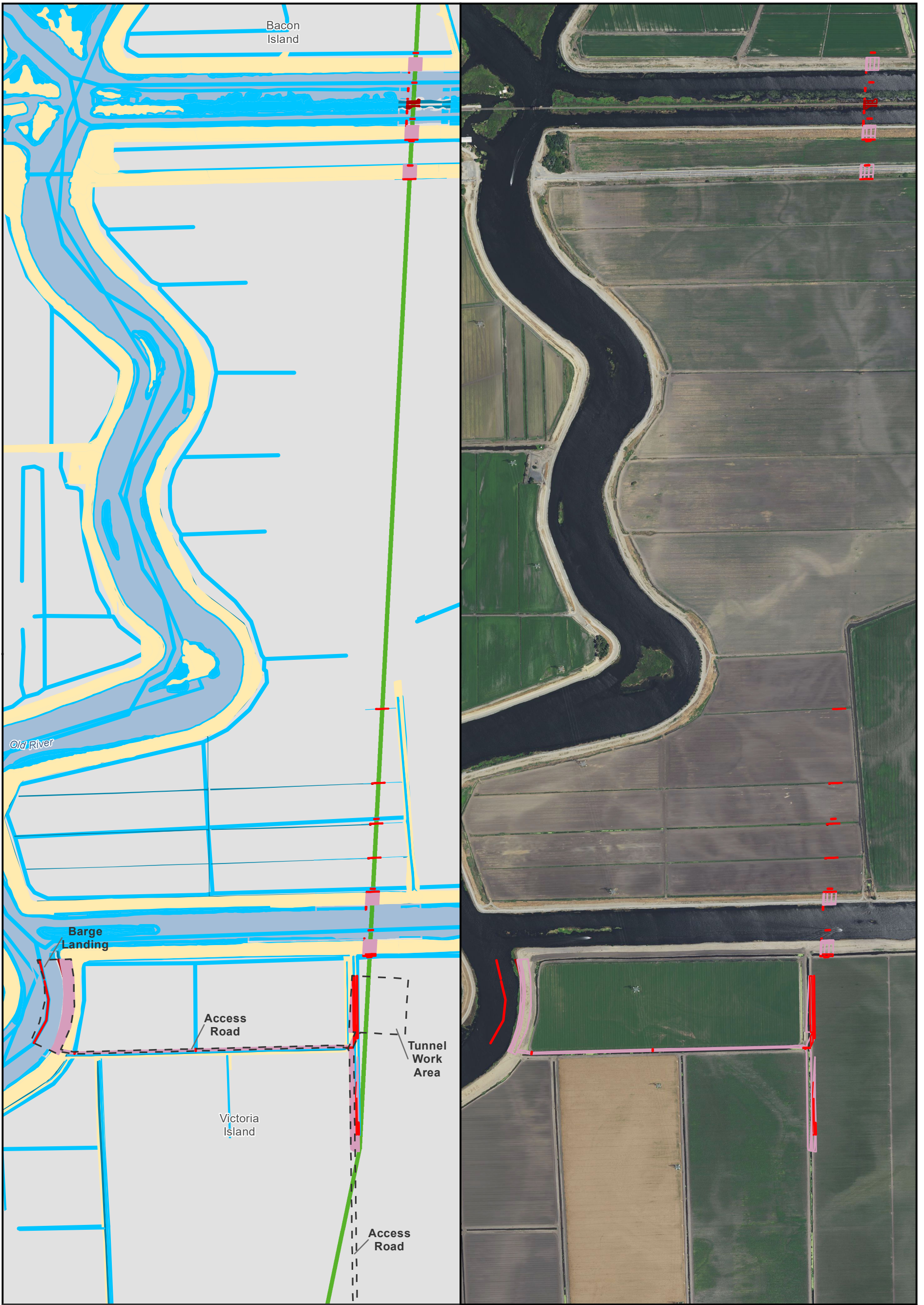
\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction Shaft & Tunnel Work Area**  
**Figure 4.6-26 of 4.6-36**

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- City
  - Major roads
  - State and Interstate Highways
  - Delta Island
- |  |   |   |
|--|---|---|
| <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">■</span> Aquatic-Tidal</li> <li><span style="color: darkred;">■</span> Aquatic-Nontidal</li> <li><span style="color: purple;">■</span> Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: cyan;">■</span> Aquatic-Tidal</li> <li><span style="color: teal;">■</span> Aquatic-Nontidal</li> <li><span style="color: yellow;">■</span> Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Permanent Transmission</li> <li><span style="color: lightgreen;">■</span> Temporary Transmission</li> </ul> |
|--|---|---|



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

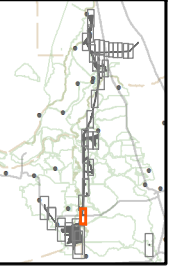


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction  
Tunnel Work Area & Transmission Line  
Figure 4.6-27 of 4.6-36**

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- |                                 |   |  |                          |
|---------------------------------|---|--|--------------------------|
| ● City                          | <b>Impacted Modeled Habitat - Qualitative Range</b> | <b>Modeled Habitat - Qualitative Range</b> | ▬ Project                |
| — Major roads                   | ■ Aquatic-Tidal                                     | ■ Aquatic-Tidal                            | ▬ Permanent Transmission |
| — State and Interstate Highways | ■ Aquatic-Nontidal                                  | ■ Aquatic-Nontidal                         | ▬ Temporary Transmission |
| ■ Delta Island                  | ■ Upland  | ■ Upland                                   |                          |



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

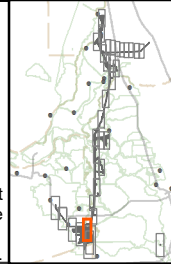


**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction Tunnel Work Area & Transmission Line**  
**Figure 4.6-28 of 4.6-36**

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- City
  - Major roads
  - State and Interstate Highways
  - Delta Island
- |  |   |   |
|--|---|---|
| <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">■</span> Aquatic-Tidal</li> <li><span style="color: darkred;">■</span> Aquatic-Nontidal</li> <li><span style="color: purple;">■</span> Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: cyan;">■</span> Aquatic-Tidal</li> <li><span style="color: blue;">■</span> Aquatic-Nontidal</li> <li><span style="color: yellow;">■</span> Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Permanent Transmission</li> <li><span style="color: lightgreen;">■</span> Temporary Transmission</li> </ul> |
|--|---|---|

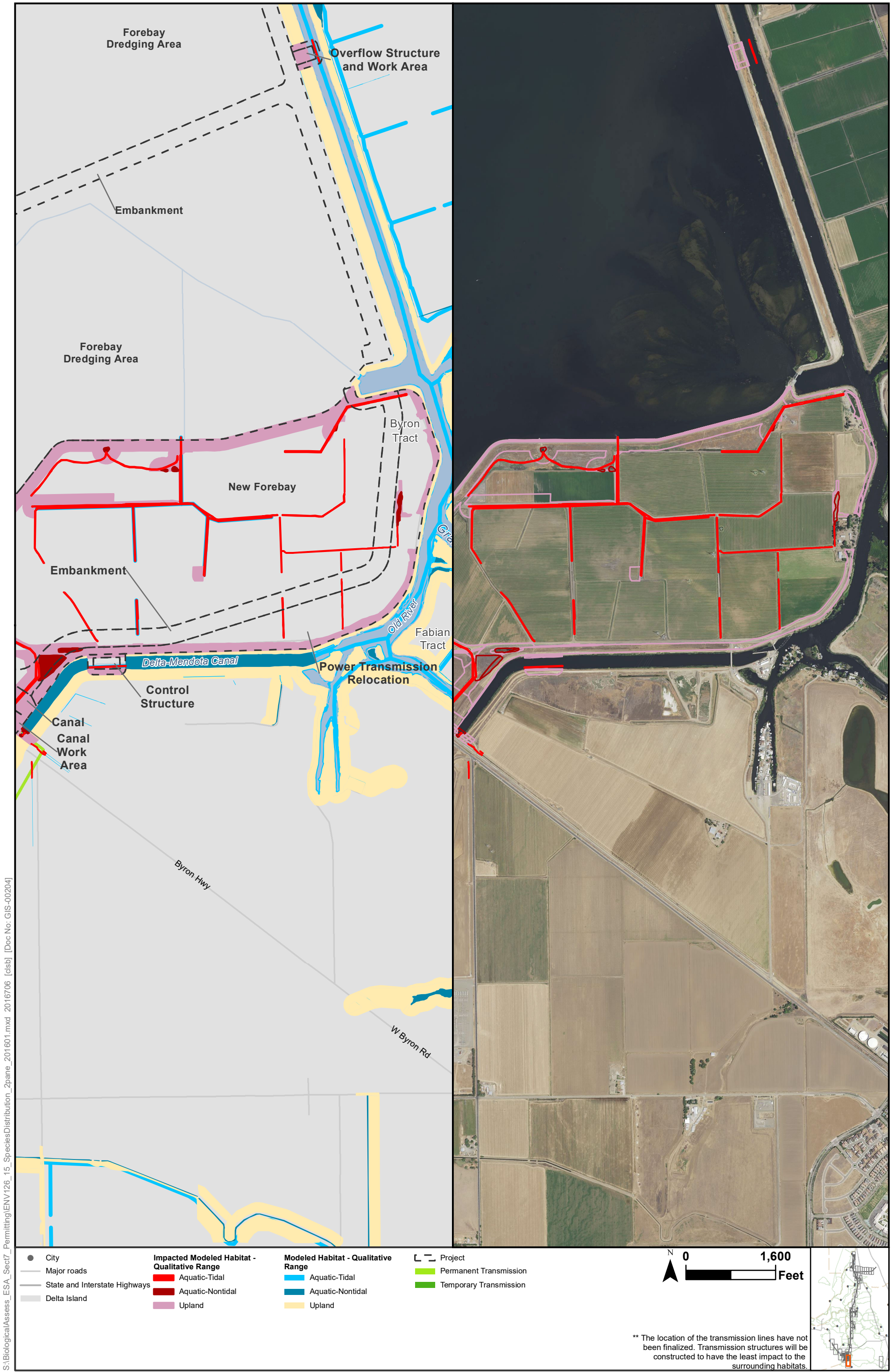


\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**





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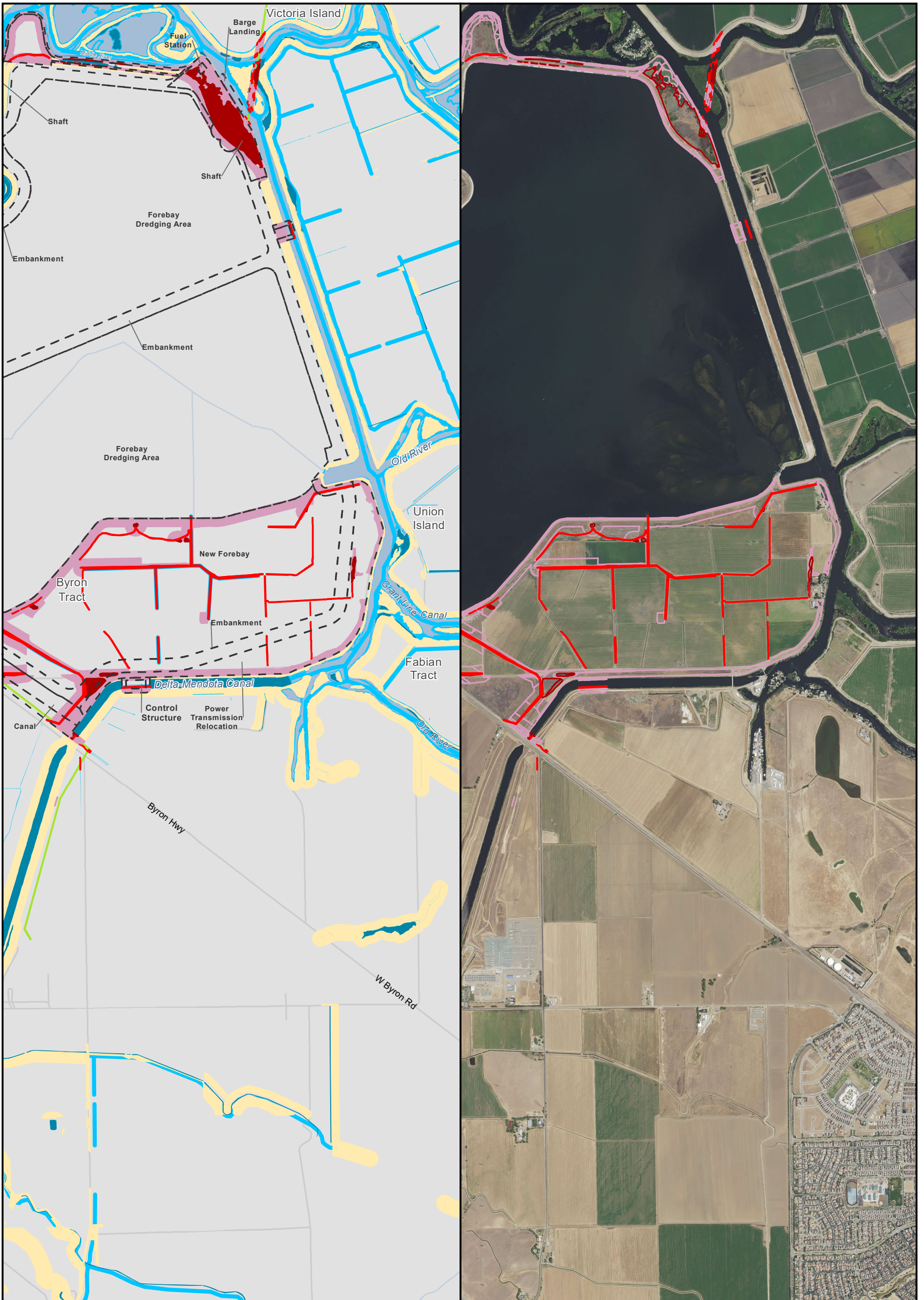
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**

**New Forebay**

**Figure 4.6-30 of 4.6-36**



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|  |  |   |  |                     |
|--|--|---|--|---------------------|
| <ul style="list-style-type: none"> <li>● City</li> <li>— Major roads</li> <li>— State and Interstate Highways</li> <li>— Delta Island</li> </ul> | <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li>■ Permanent Transmission</li> <li>■ Temporary Transmission</li> </ul> | <p>0 2,250 Feet</p> |
|--|--|---|--|---------------------|

\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

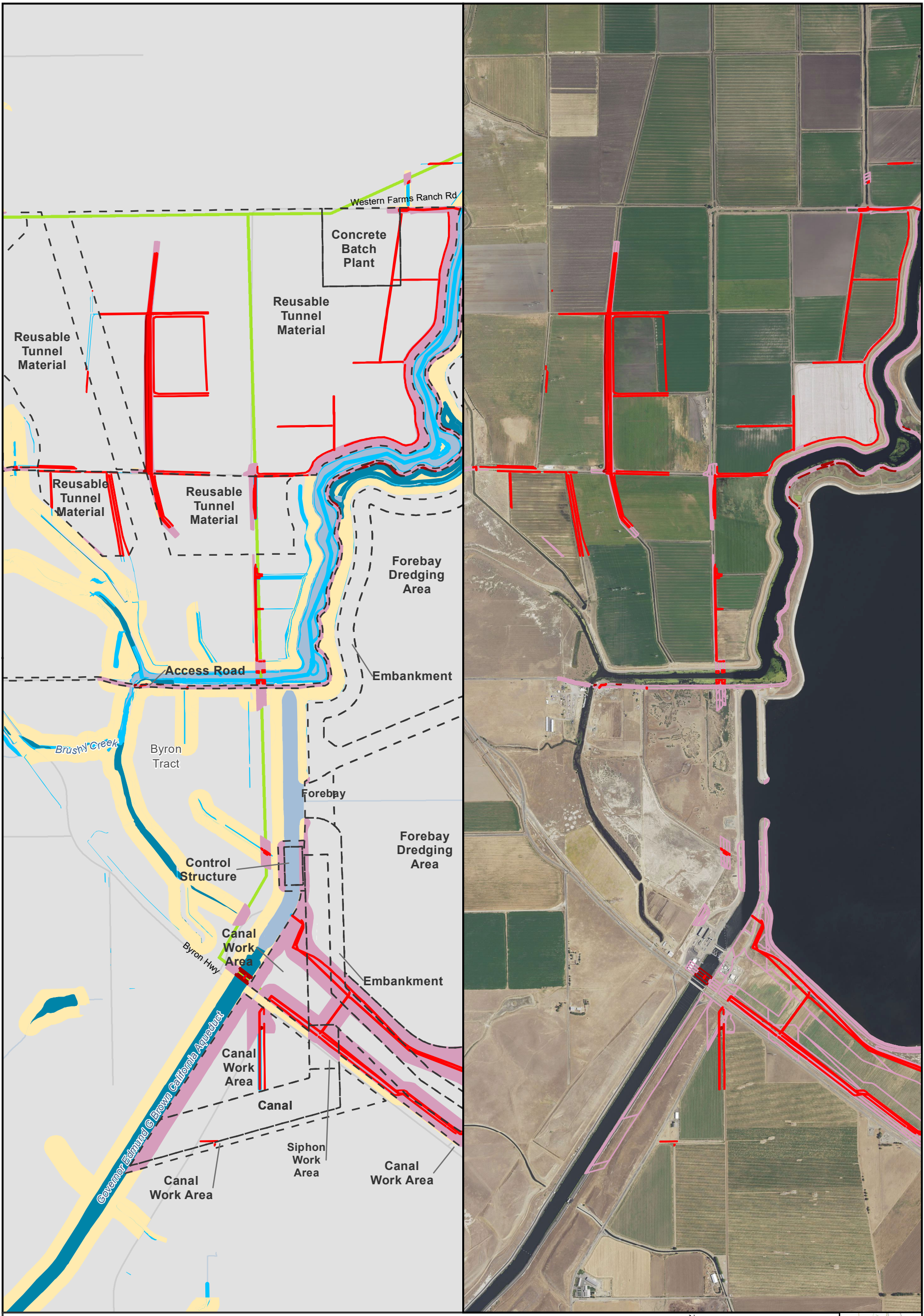
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**



**New Forebay**  
Figure 4.6-31 of 4.6-36

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|  |  |   |  |                     |  |
|--|--|---|--|---------------------|--|
| <ul style="list-style-type: none"> <li>● City</li> <li>— Major roads</li> <li>— State and Interstate Highways</li> <li>— Delta Island</li> </ul> | <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li>— Permanent Transmission</li> <li>— Temporary Transmission</li> </ul> | <p>0 1,600 Feet</p> |  |
|--|--|---|--|---------------------|--|

\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

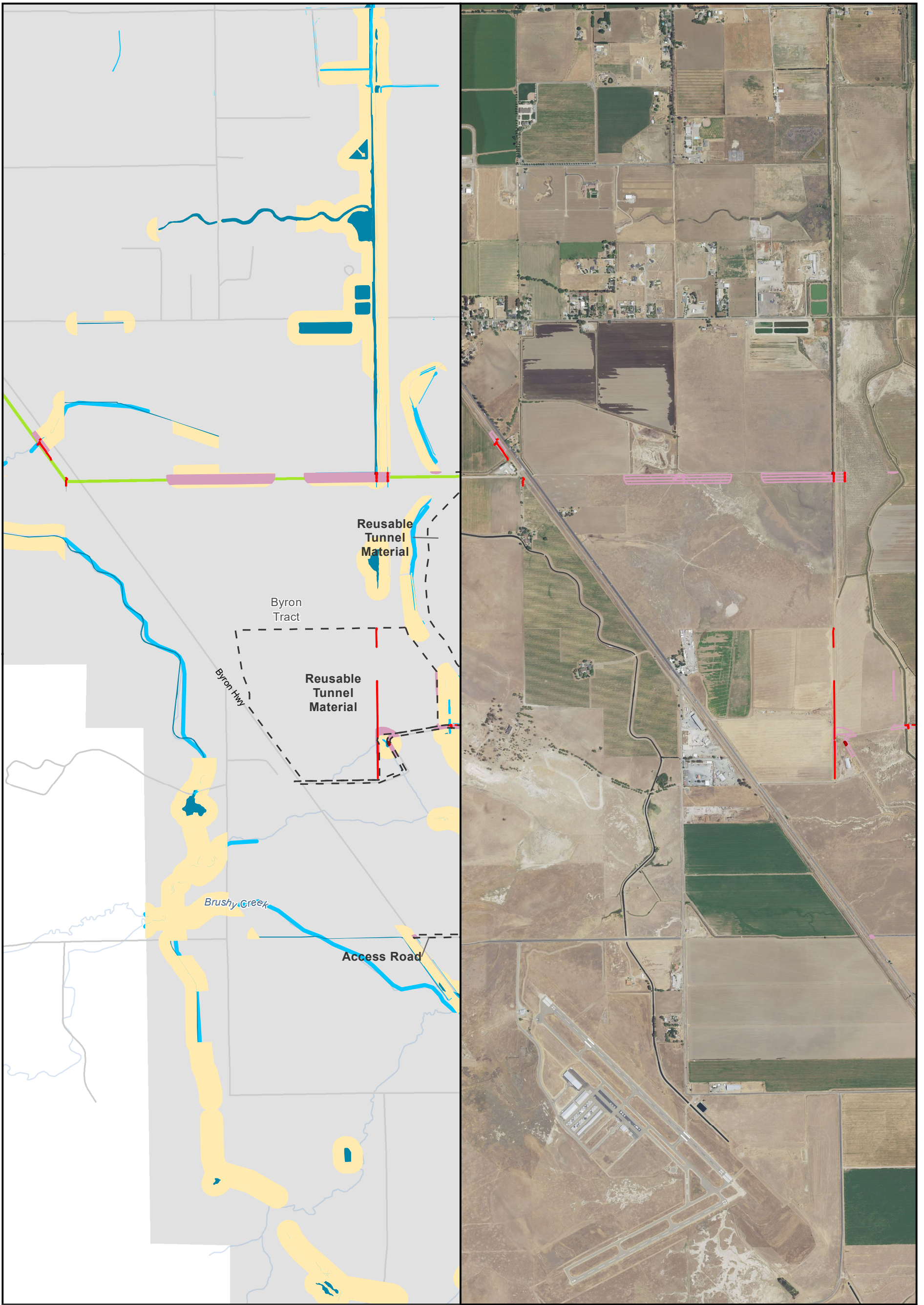
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**

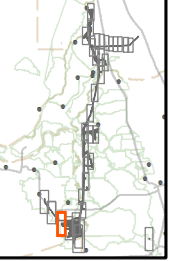


**Clifton Court Forebay**  
Figure 4.6-32 of 4.6-36





- City
  - Major roads
  - State and Interstate Highways
  - Delta Island
- |  |   |  |
|--|---|--|
| <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li>■ Aquatic-Tidal</li> <li>■ Aquatic-Nontidal</li> <li>■ Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li>■ Permanent Transmission</li> <li>■ Temporary Transmission</li> </ul> |
|--|---|--|



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**  
**Transmission Line & Reusable Tunnel Material**  
**Figure 4.6-33 of 4.6-36**

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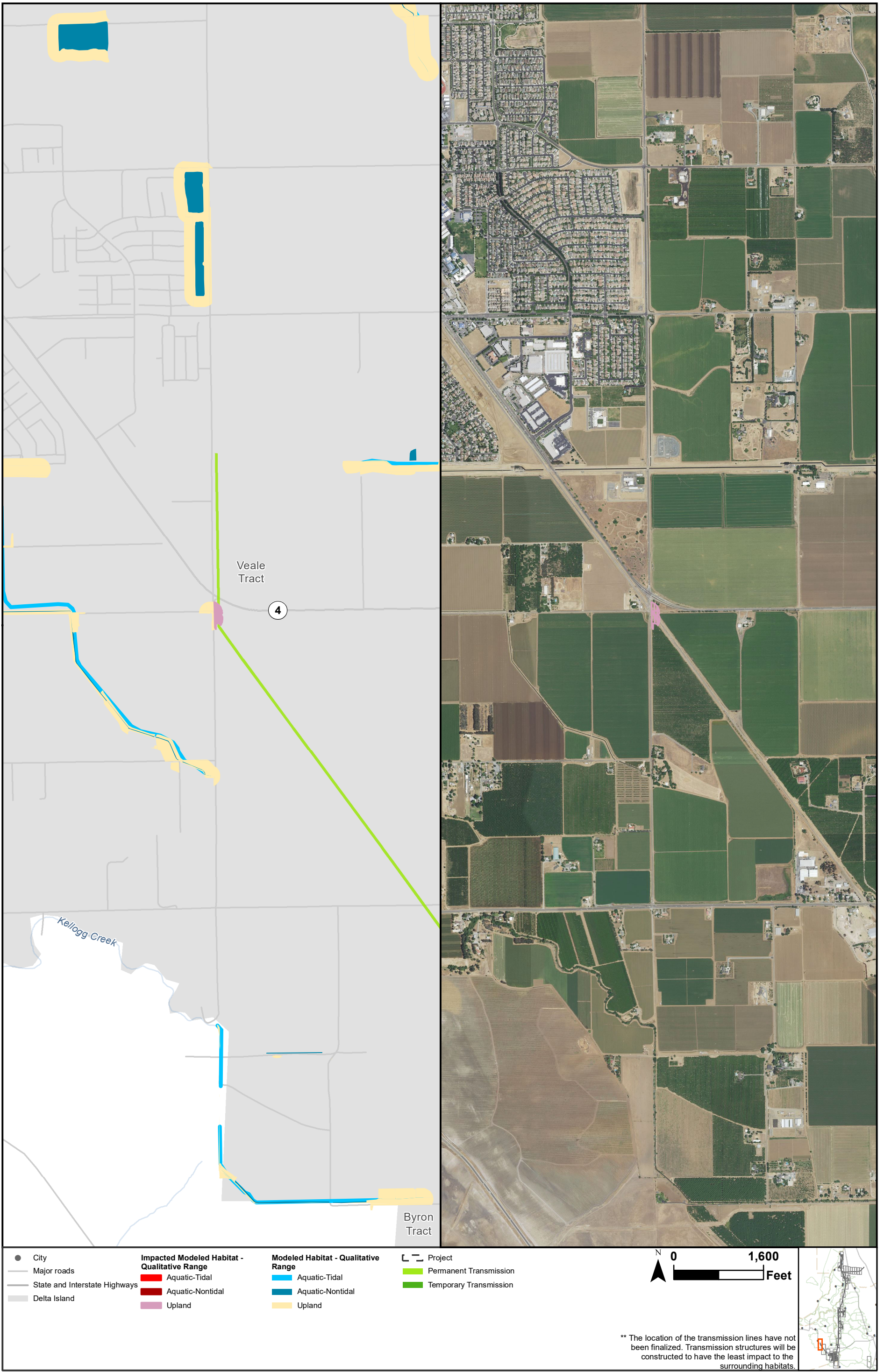


Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction Transmission Line**  
**Figure 4.6-34 of 4.6-36**

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\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

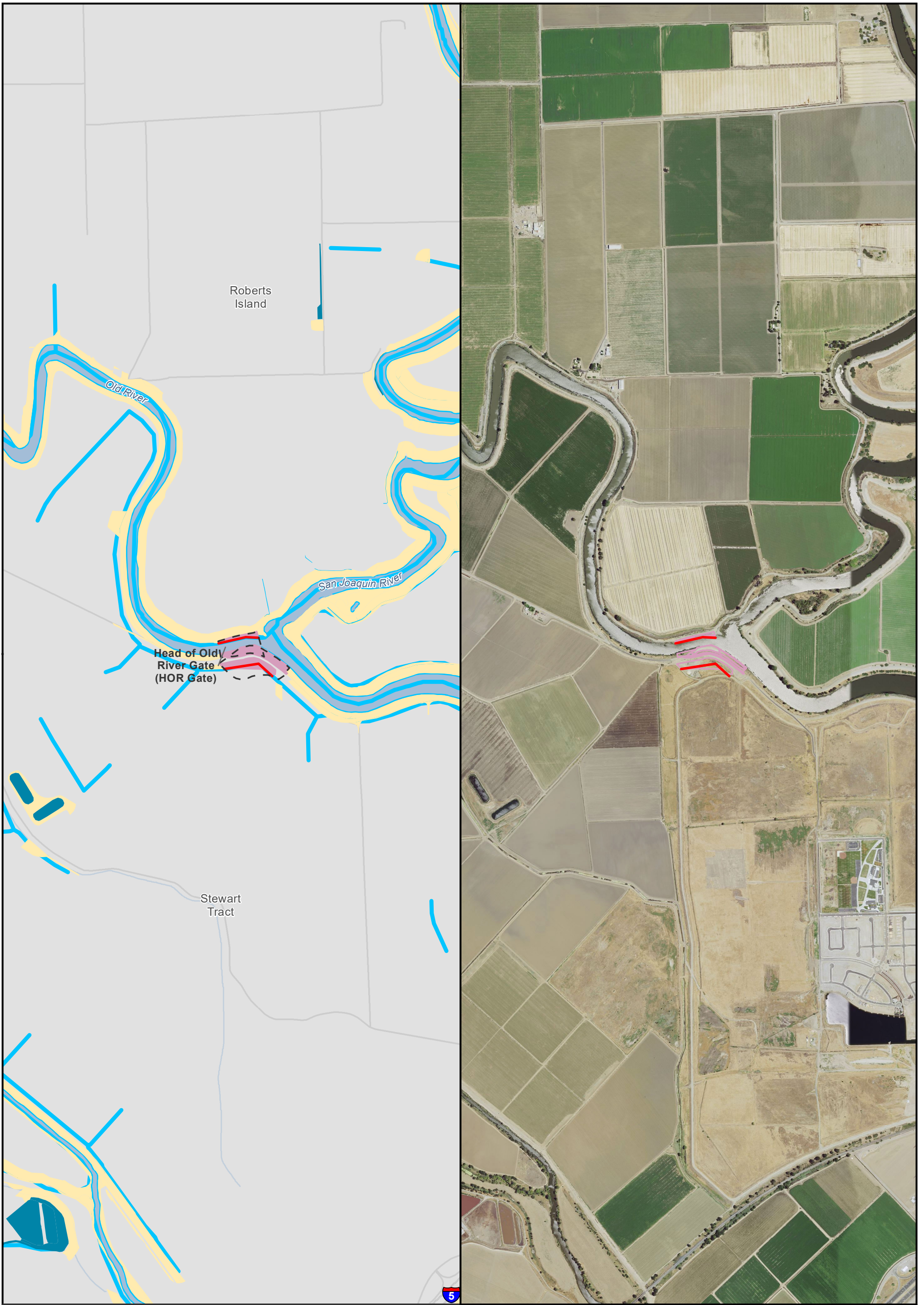
Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014

**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**

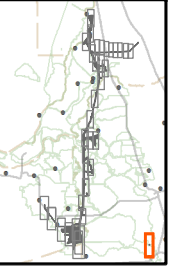


**Transmission Line**  
Figure 4.6-35 of 4.6-36

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- City
  - Major roads
  - State and Interstate Highways
  - Delta Island
- |  |  |   |
|--|--|---|
| <p><b>Impacted Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">█</span> Aquatic-Tidal</li> <li><span style="color: darkred;">█</span> Aquatic-Nontidal</li> <li><span style="color: pink;">█</span> Upland</li> </ul> | <p><b>Modeled Habitat - Qualitative Range</b></p> <ul style="list-style-type: none"> <li><span style="color: lightblue;">█</span> Aquatic-Tidal</li> <li><span style="color: darkblue;">█</span> Aquatic-Nontidal</li> <li><span style="color: yellow;">█</span> Upland</li> </ul> | <p><b>Project</b></p> <ul style="list-style-type: none"> <li><span style="color: lightgreen;">█</span> Permanent Transmission</li> <li><span style="color: green;">█</span> Temporary Transmission</li> </ul> |
|--|--|---|



\*\* The location of the transmission lines have not been finalized. Transmission structures will be constructed to have the least impact to the surrounding habitats.

Sources: CCO Conveyance, CA WaterFix 2015; Species Occurrences, ICF 2013; Modeled Habitat, ICF 2013, ICF 2015; NAIP 2014



**Impacts to Giant Garter Snake Modeled Habitat from Water Conveyance Facility Construction**

**HOR Gate**

**Figure 4.6-36 of 4.6-36**