

Delta Conveyance Map

Bethany Alternative

*Bethany Alternative includes all the facilities in green (annotated November 2021)



CENTRAL ALTERNATIVE ALIGNMENT SITES

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- Staten Island Maintenance Shaft *page 24*
- Bouldin Island Launch Shaft *page 28*
- Mandeville Island Maintenance Shaft *page 32*
- Bacon Island Reception Shaft *page 36*

SOUTHERN COMPLEX ALTERNATIVE SITE

- Southern Forebay Facilities *page 67*
- South Delta Outlet & Control Structure *page 69*

NORTHERN SITES

- Intake 3 *page 3*
- Intake 5 *page 7*
- Twin Cities Launch Shaft *page 12*

EASTERN ALTERNATIVE ALIGNMENT SITES

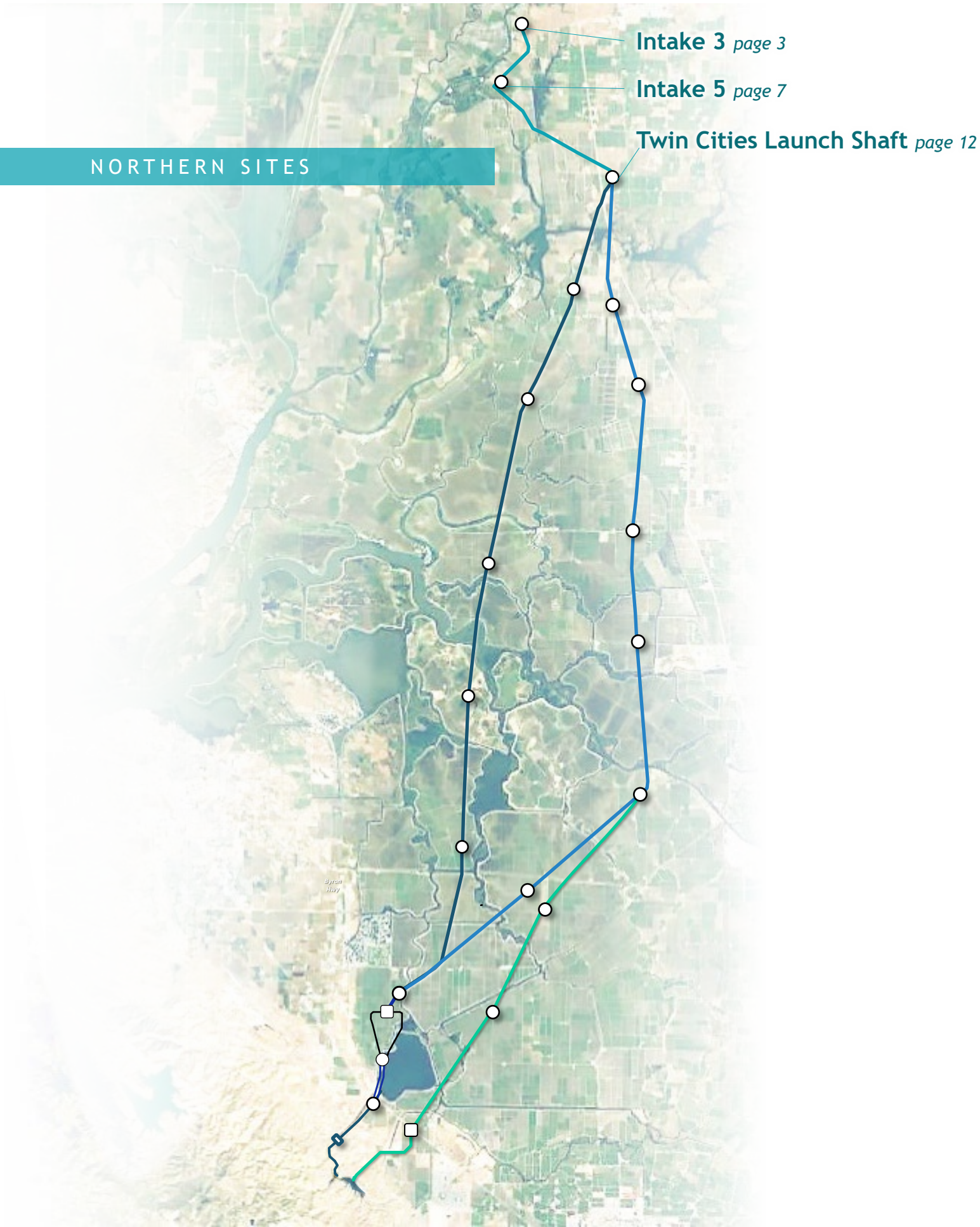
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BETHANY ALTERNATIVE ALIGNMENT SITES

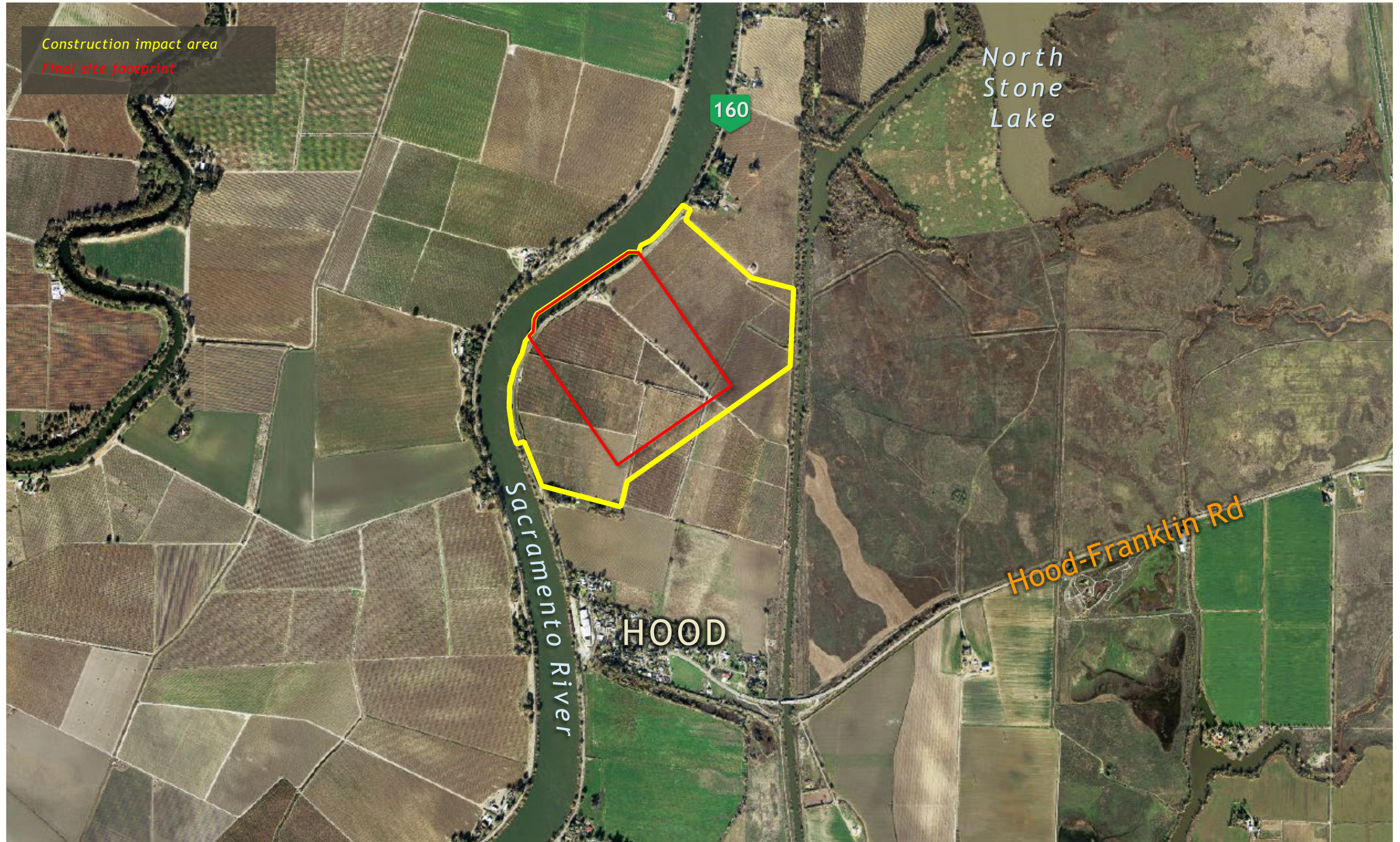
- Lower Roberts Island Launch Shaft *page 78*
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Northern Intakes & Shaft Sites

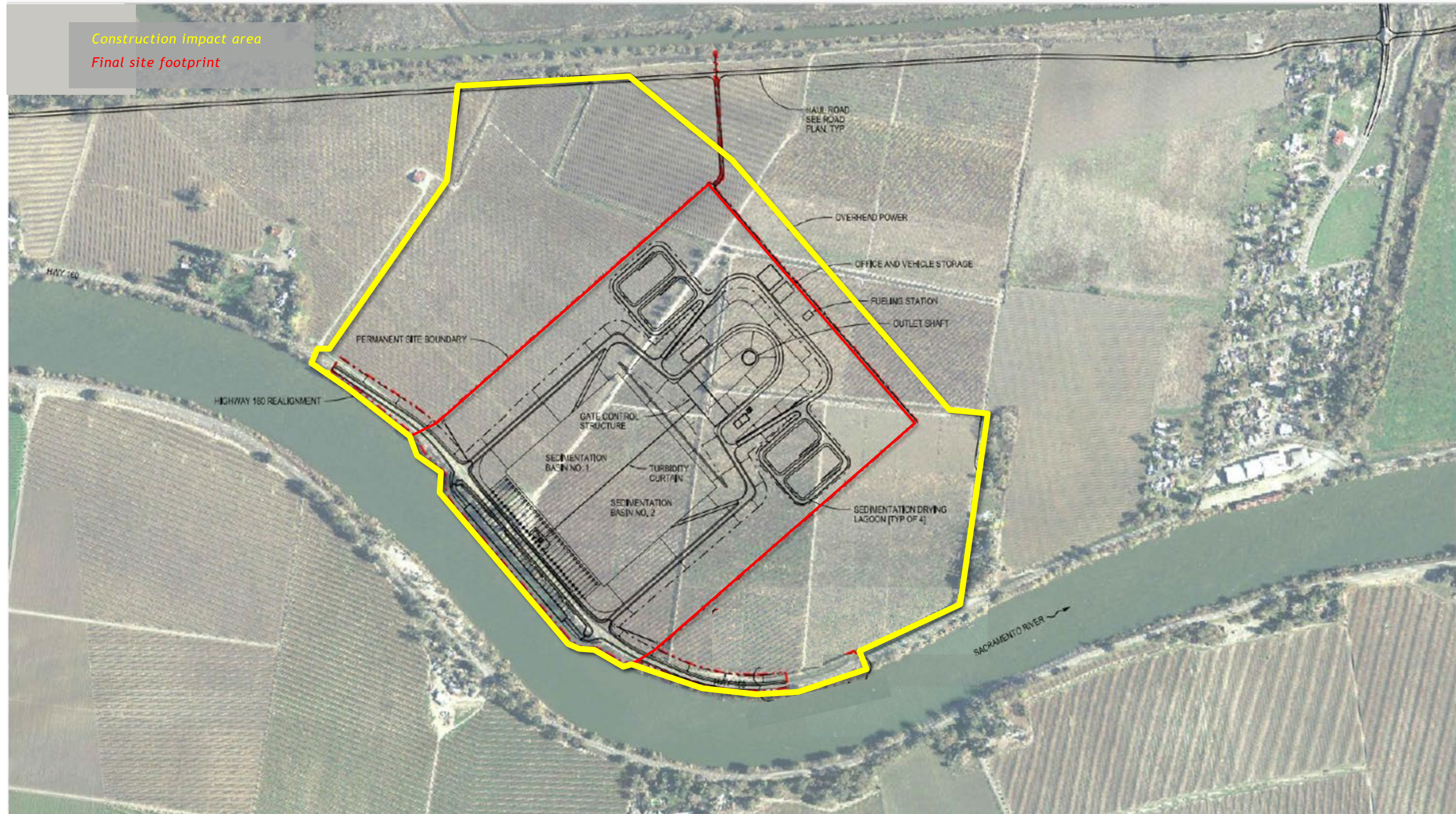
NORTHERN SITES



Intake 3 Site Aerial, Construction Impact Area



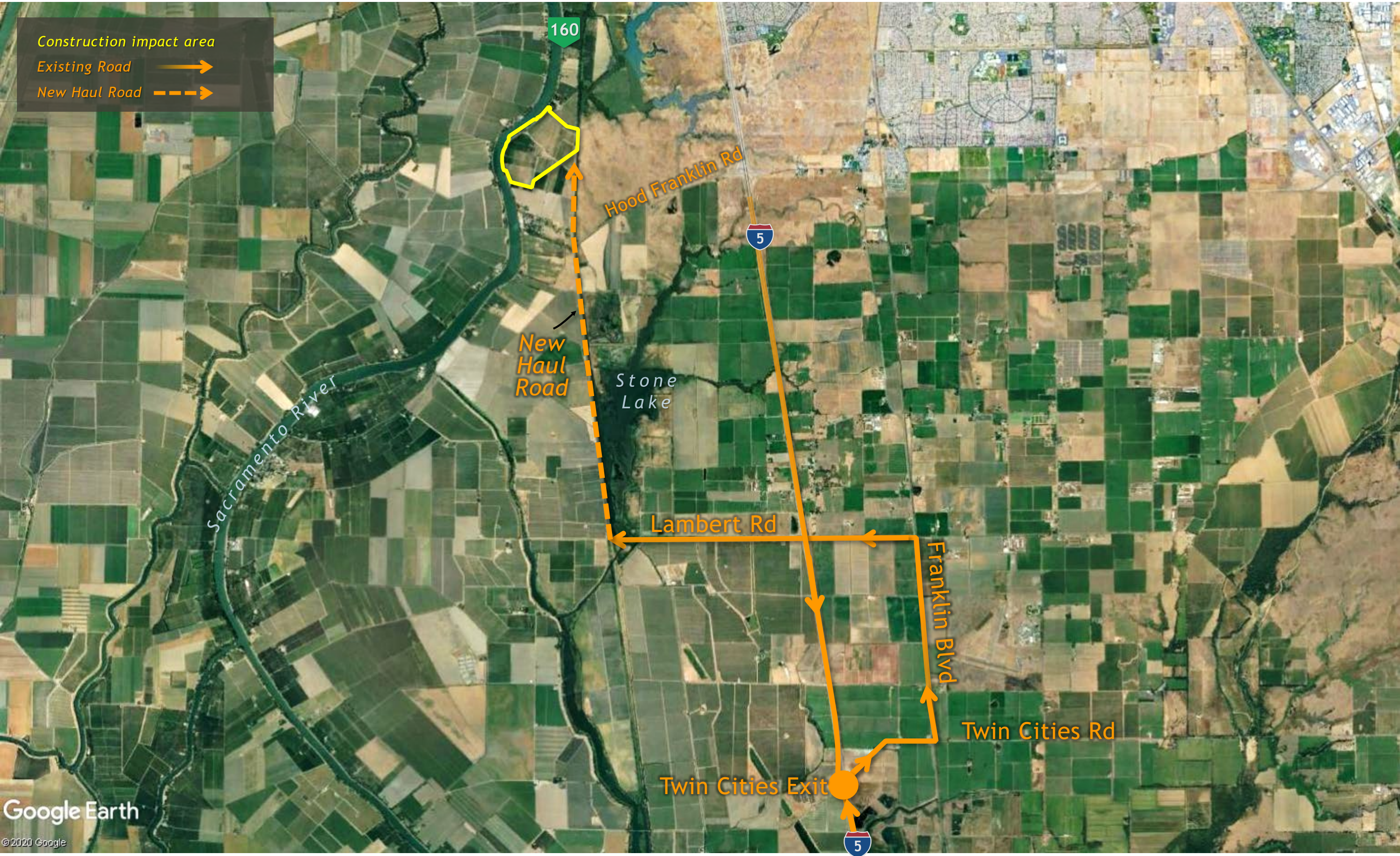
Intake 3 Site Layout, Construction Impact Area



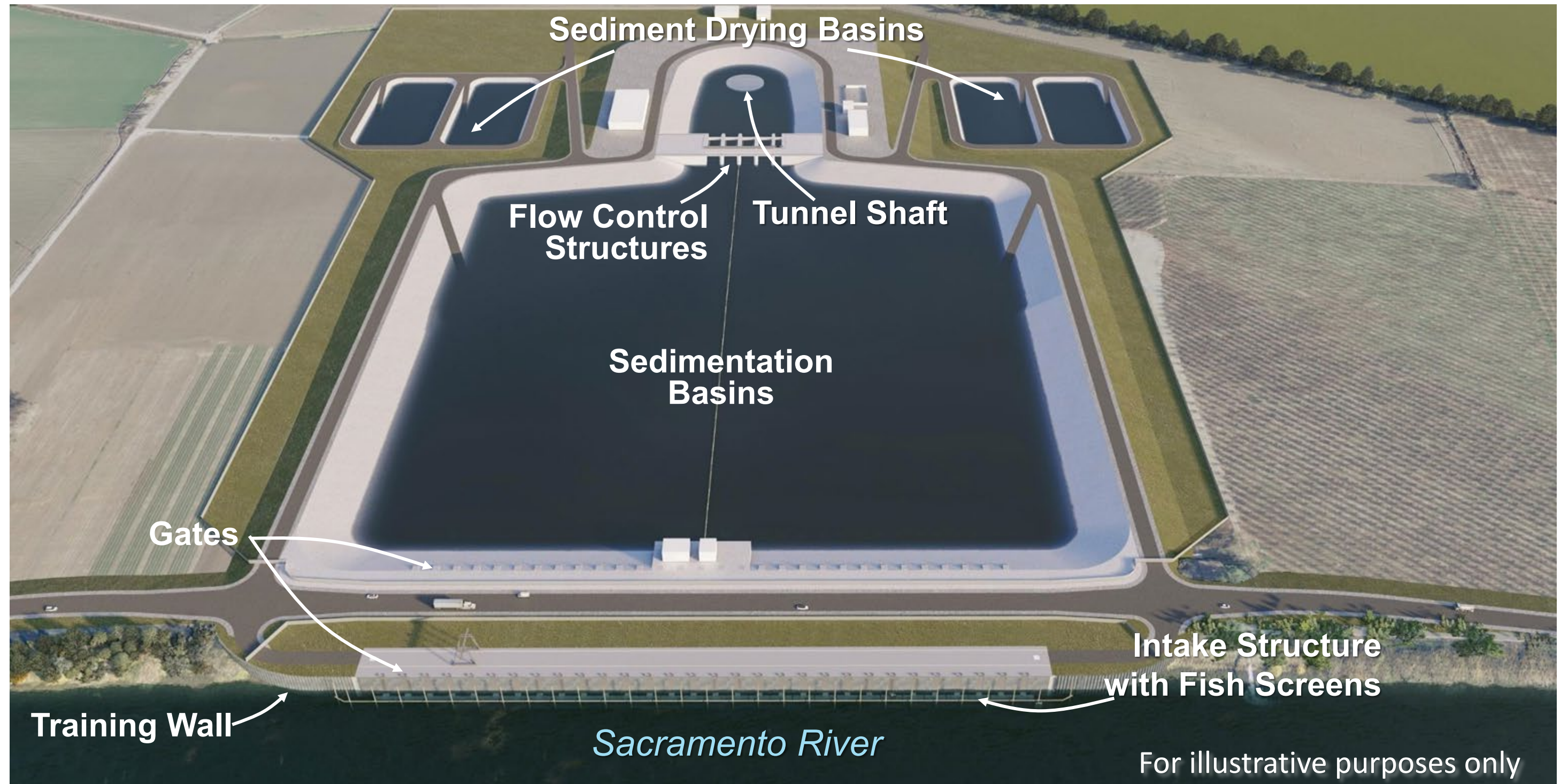
Intake 3 Site Photos



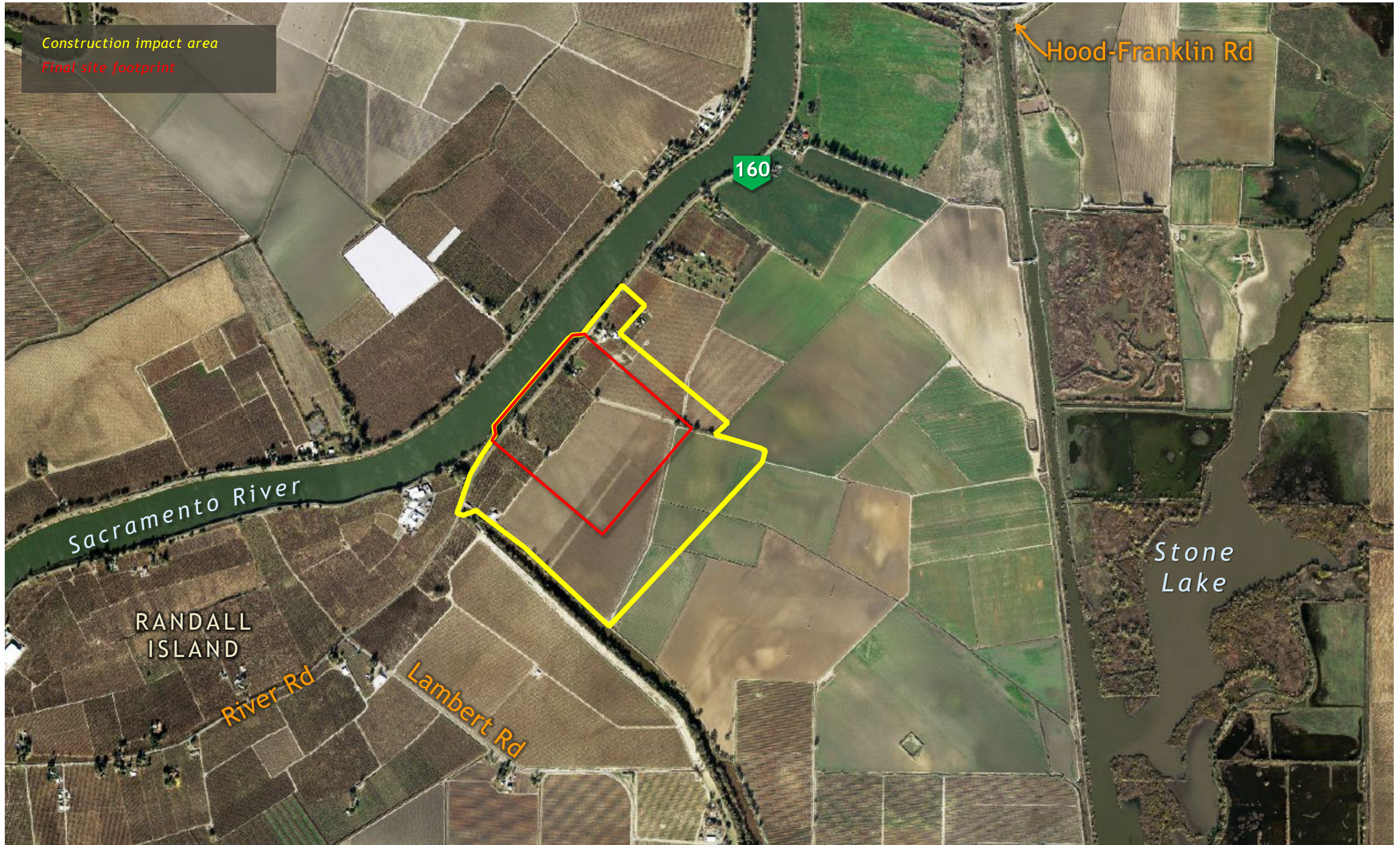
Intake 3 Site Access Routes



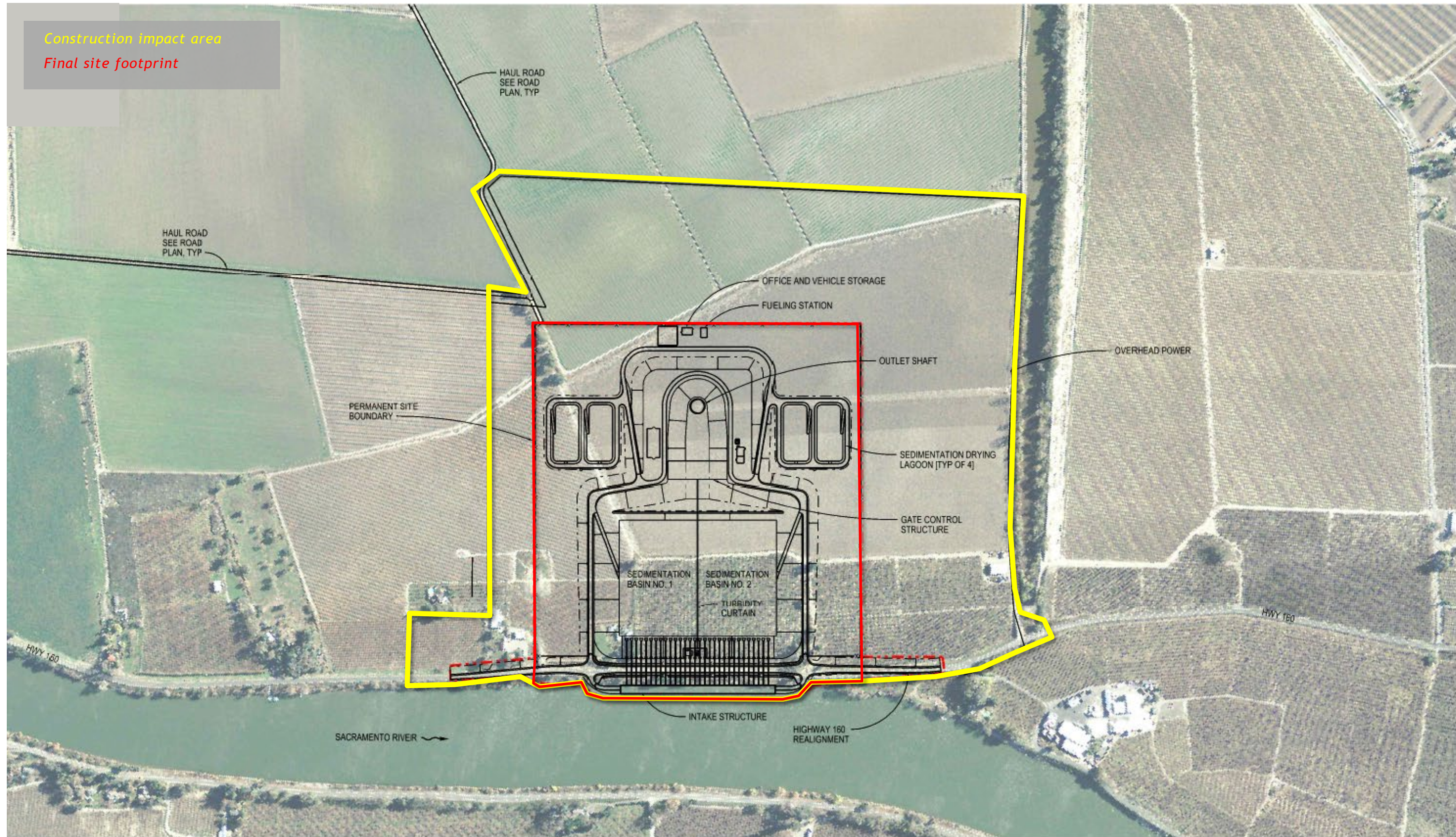
Intake Typical, Rendering



Intake 5 Site Aerial, Construction Impact Area



Intake 5 Site Layout, Construction Impact Area



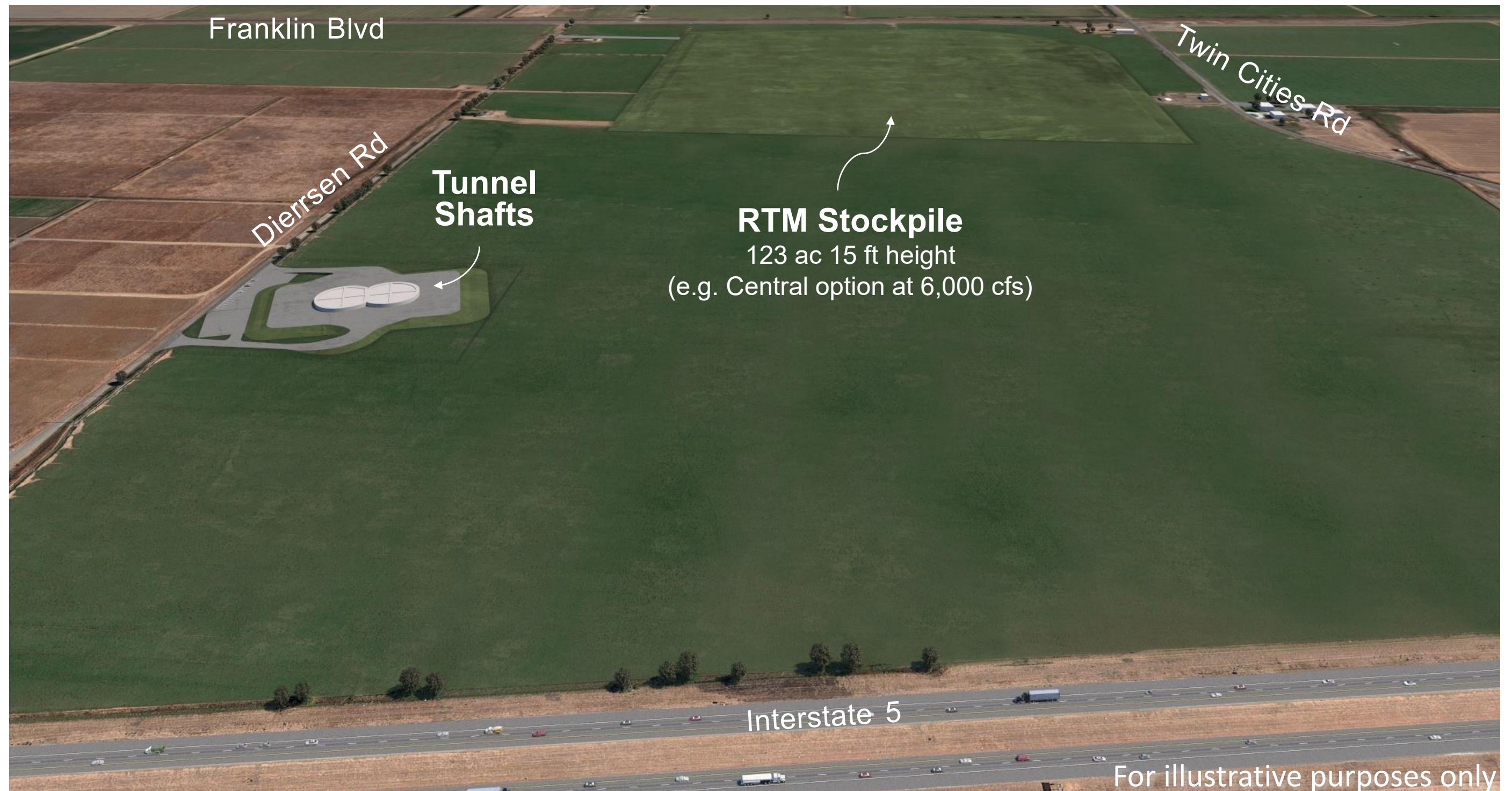
Intake 5 Site Photos



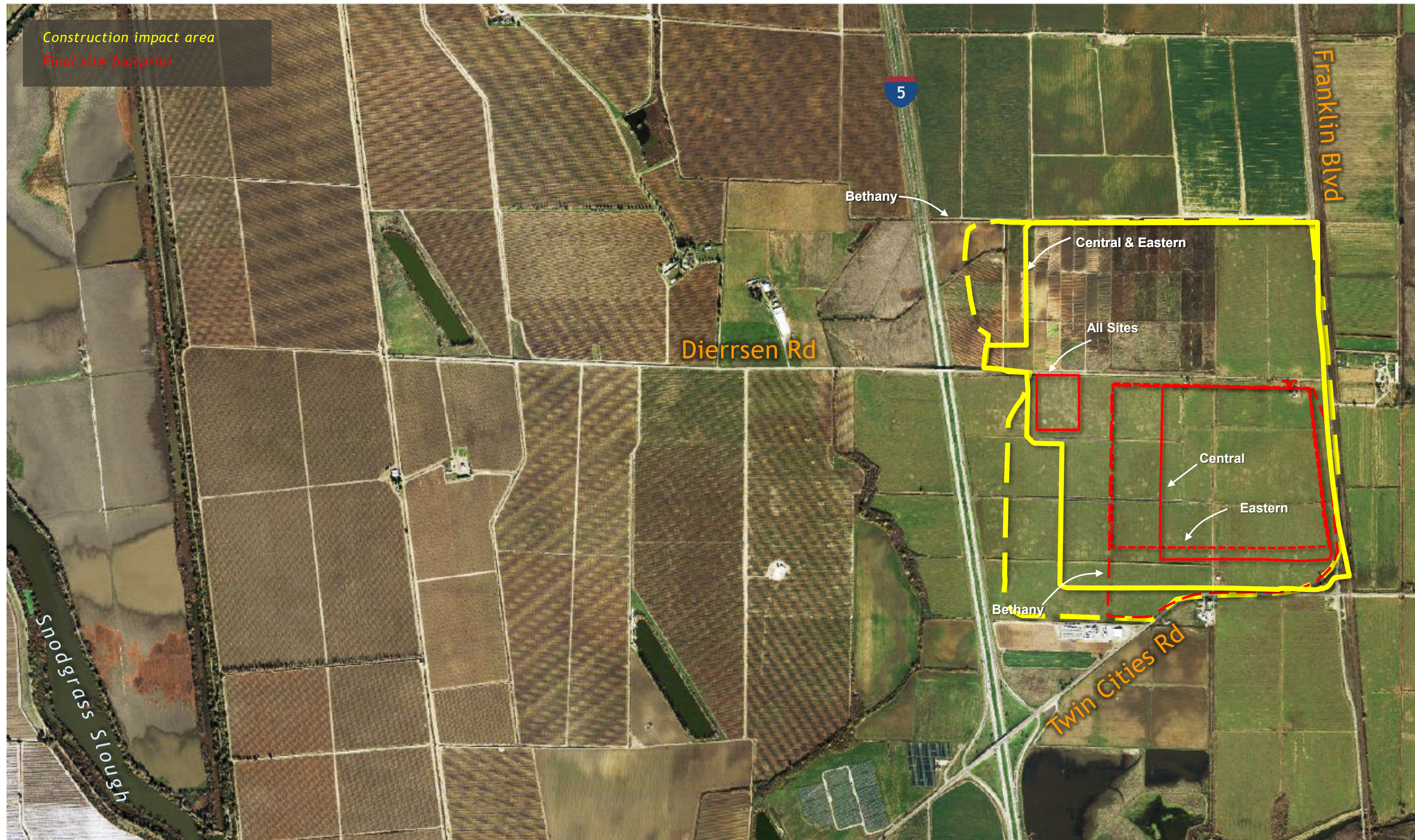
Intake 5 Site Access Routes



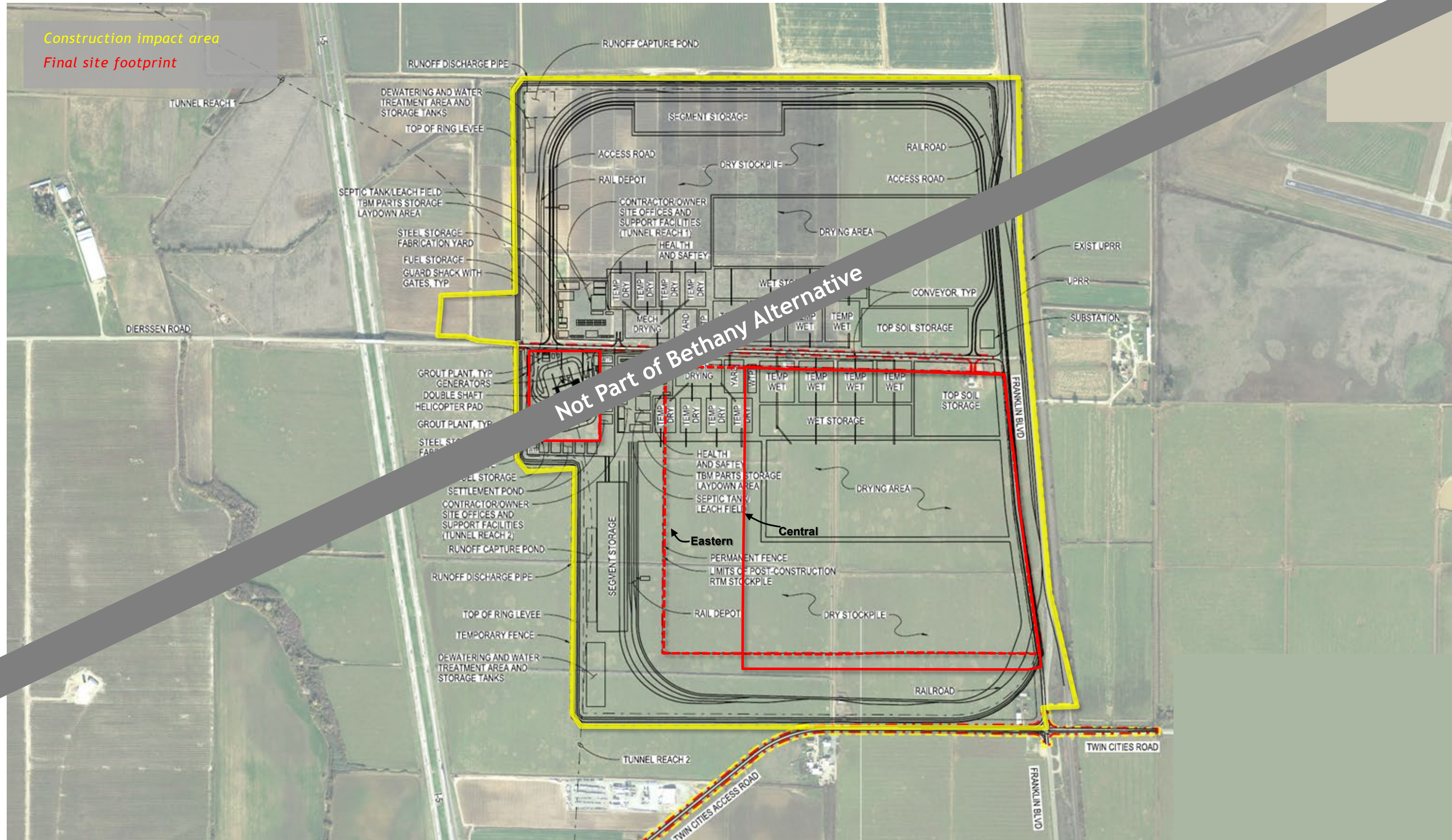
Twin Cities Launch Shaft Site Typical, Rendering



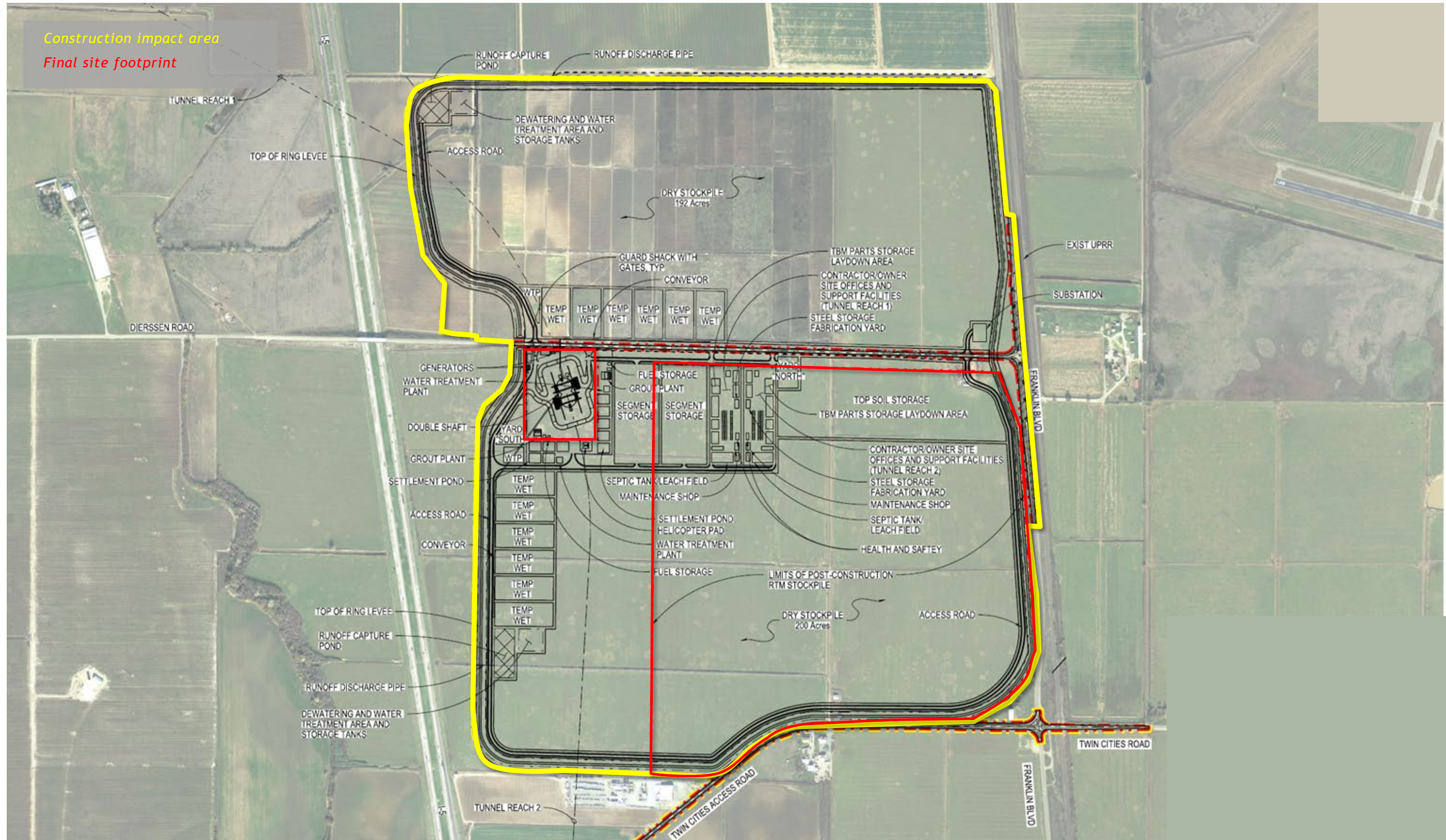
Twin Cities Launch Shaft Site Aerial, Construction Impact Area



Twin Cities Launch Shaft Site Layout, Construction Impact Area (Central & Eastern)



Twin Cities Launch Shaft Site Layout, Construction Impact Area (Bethany)



Twin Cities Launch Shaft Site Photos

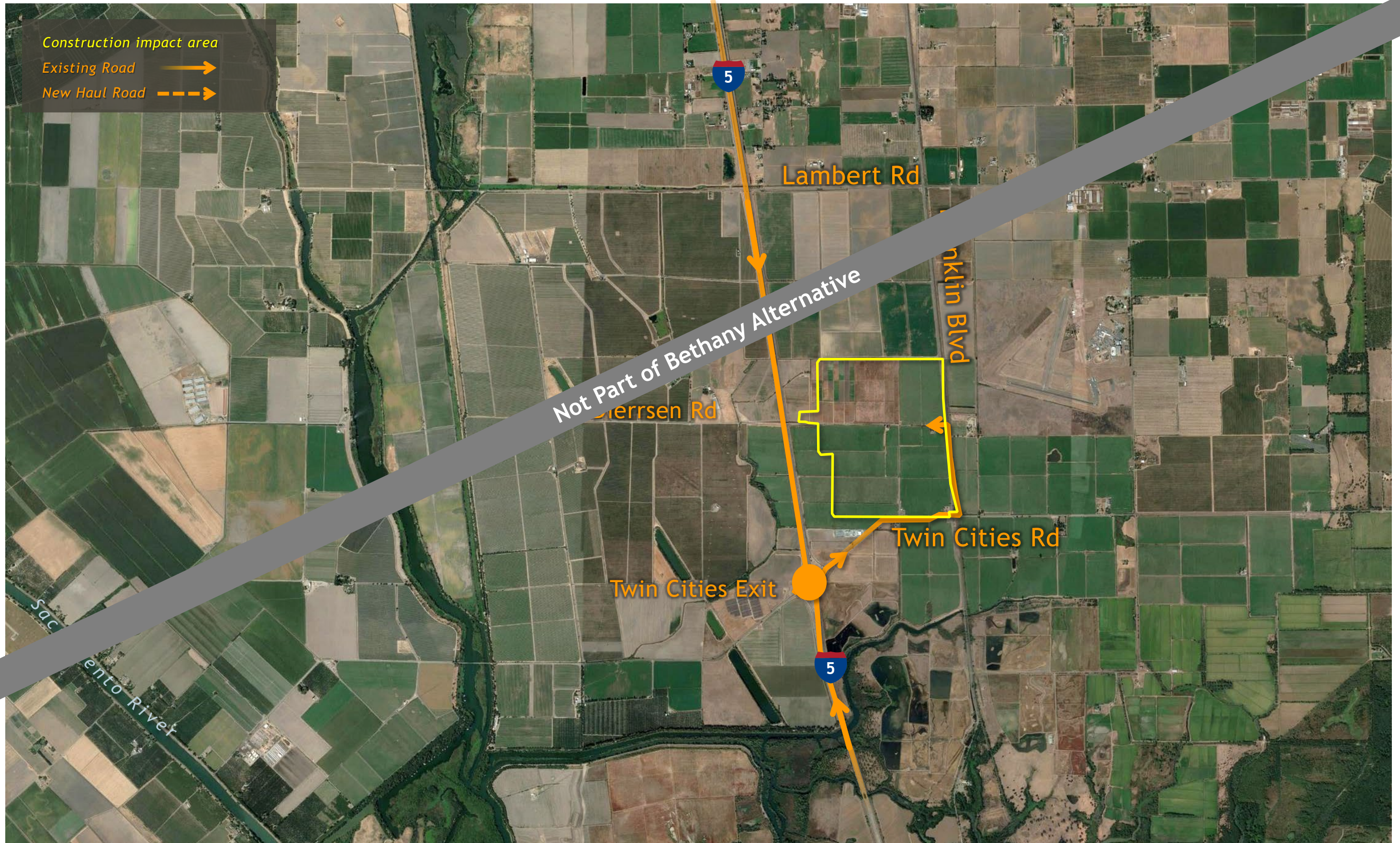


Photo taken from East side Dierssen looking southeast

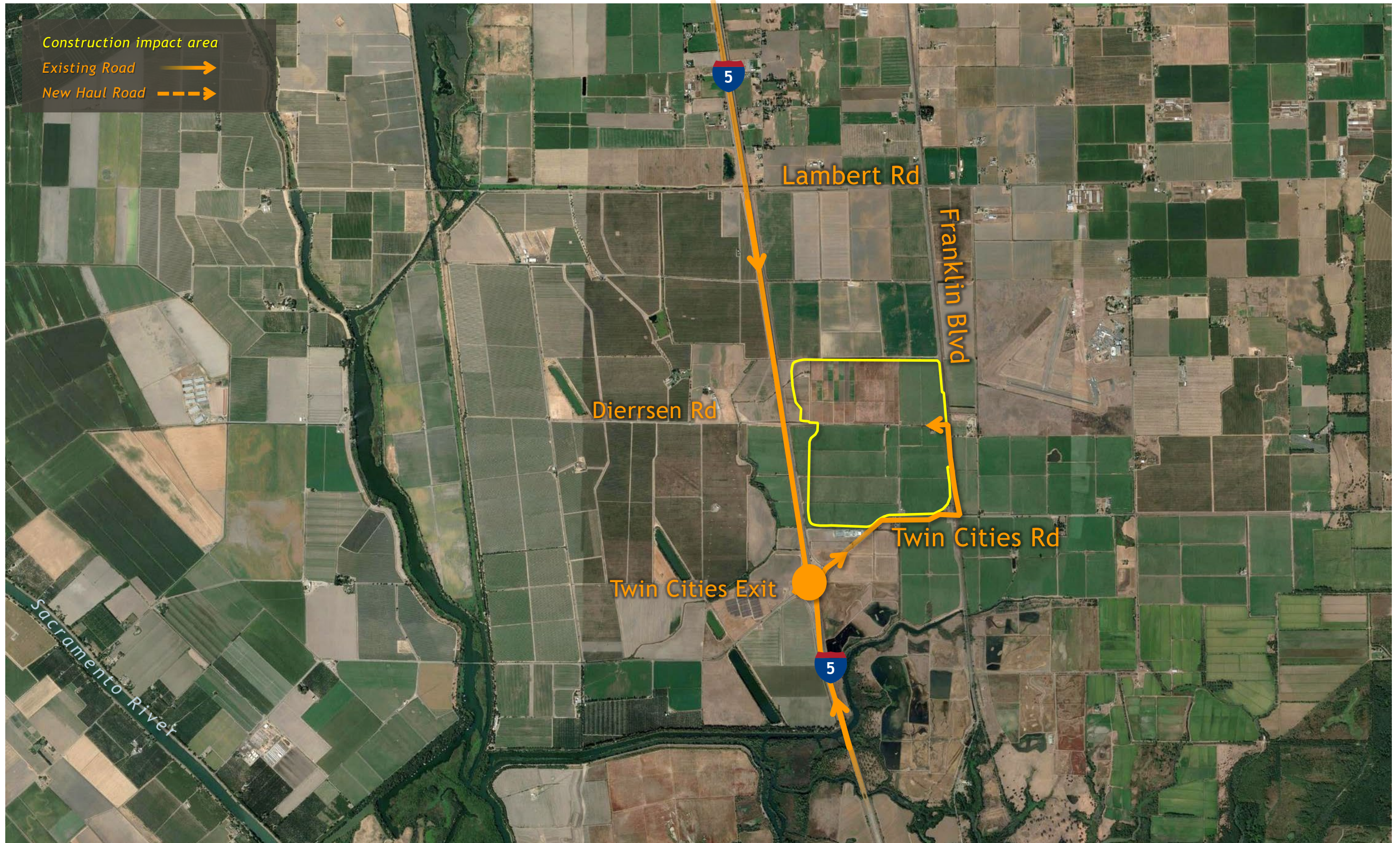


Photo taken from East side Dierssen looking northeast

Twin Cities Launch Shaft Site Access Routes (Central & Eastern)



Twin Cities Launch Shaft Site Access Routes (Bethany)



Central Alignment Shaft Sites

CENTRAL ALTERNATIVE ALIGNMENT SITES

New Hope Tract Maintenance Shaft *page 20*

Staten Island Maintenance Shaft *page 24*

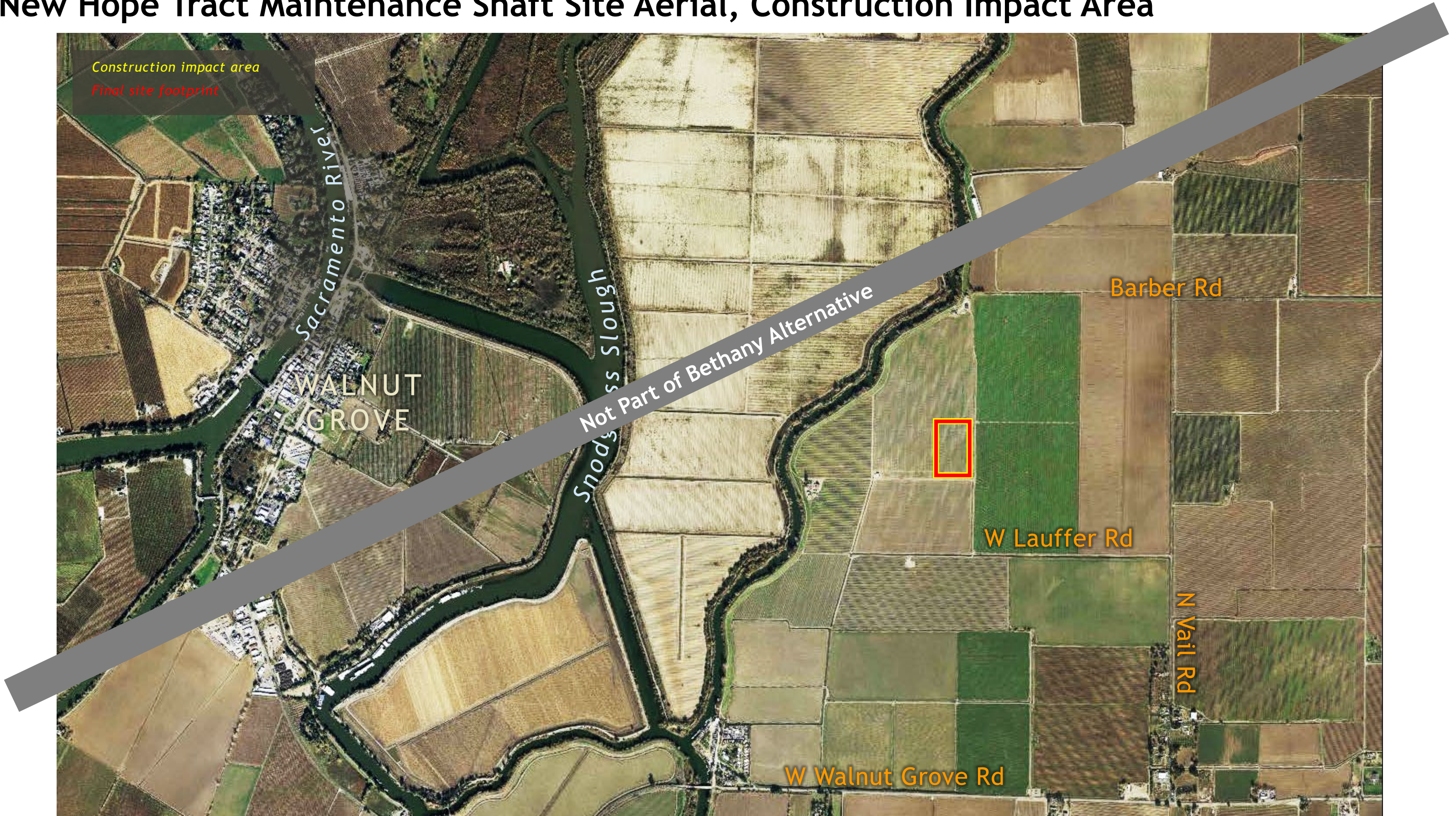
Bouldin Island Launch Shaft *page 28*

Mandeville Island Maintenance Shaft *page 32*

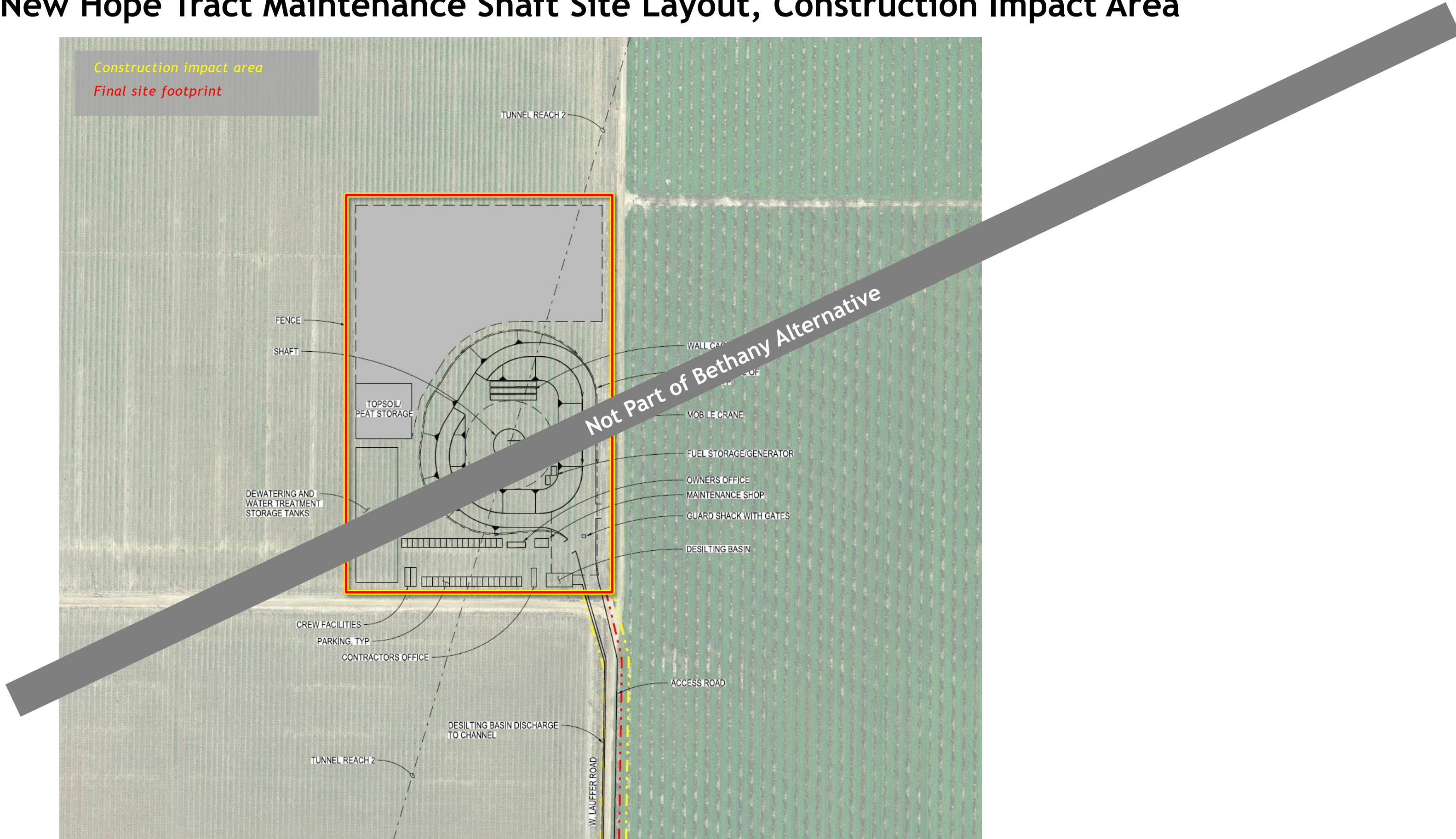
Bacon Island Reception Shaft *page 36*

Not Part of Bethany Alternative

New Hope Tract Maintenance Shaft Site Aerial, Construction Impact Area



New Hope Tract Maintenance Shaft Site Layout, Construction Impact Area



New Hope Tract Maintenance Shaft Site Photos



Not Part of Bethany Alternative

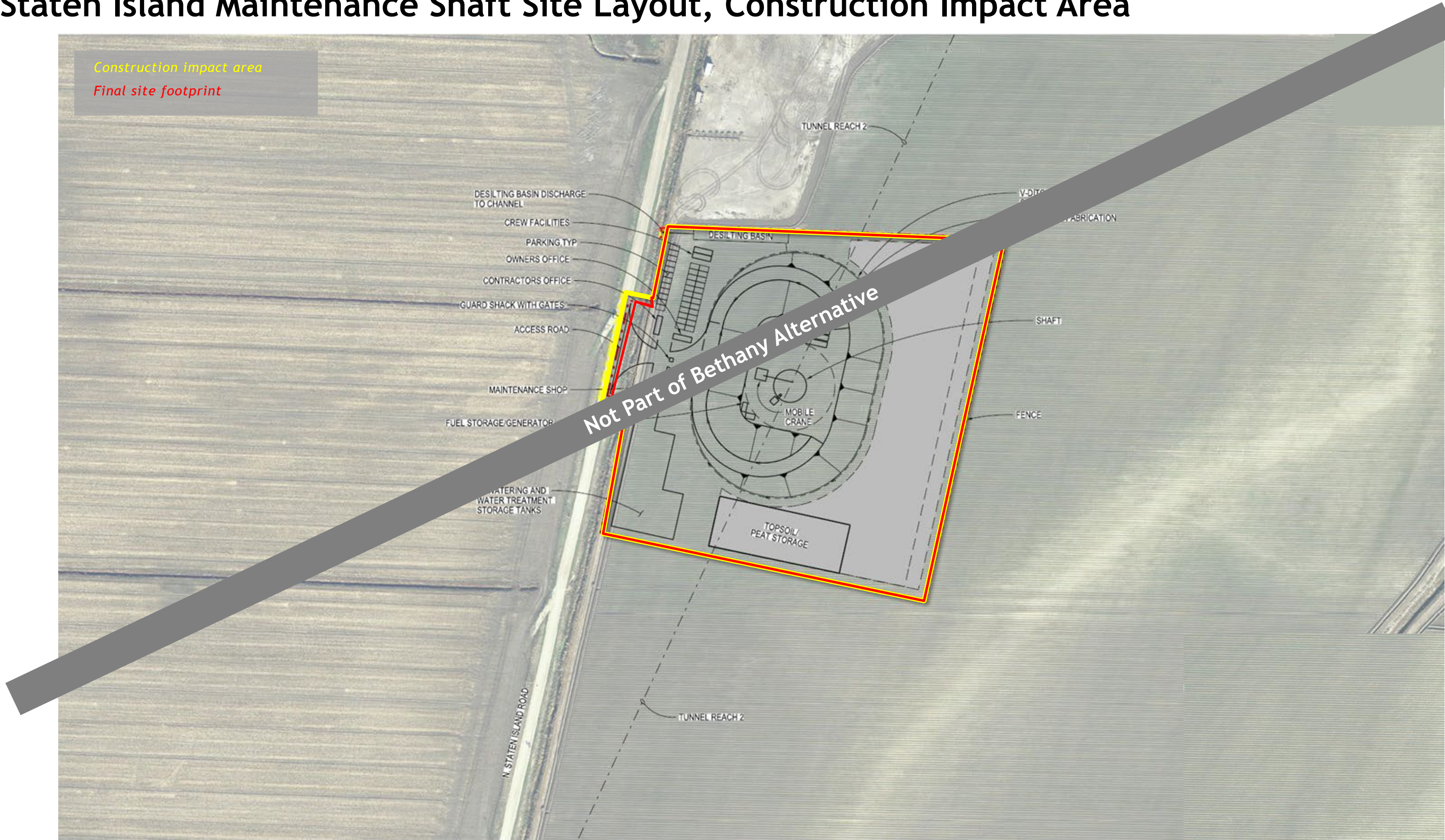
New Hope Tract Maintenance Shaft Site Access Routes



Staten Island Maintenance Shaft Site Aerial, Construction Impact Area



Staten Island Maintenance Shaft Site Layout, Construction Impact Area



Staten Island Maintenance Shaft Site Photos



Photos taken from N Staten Island Road looking eastward

Not Part of Bethany Alternative

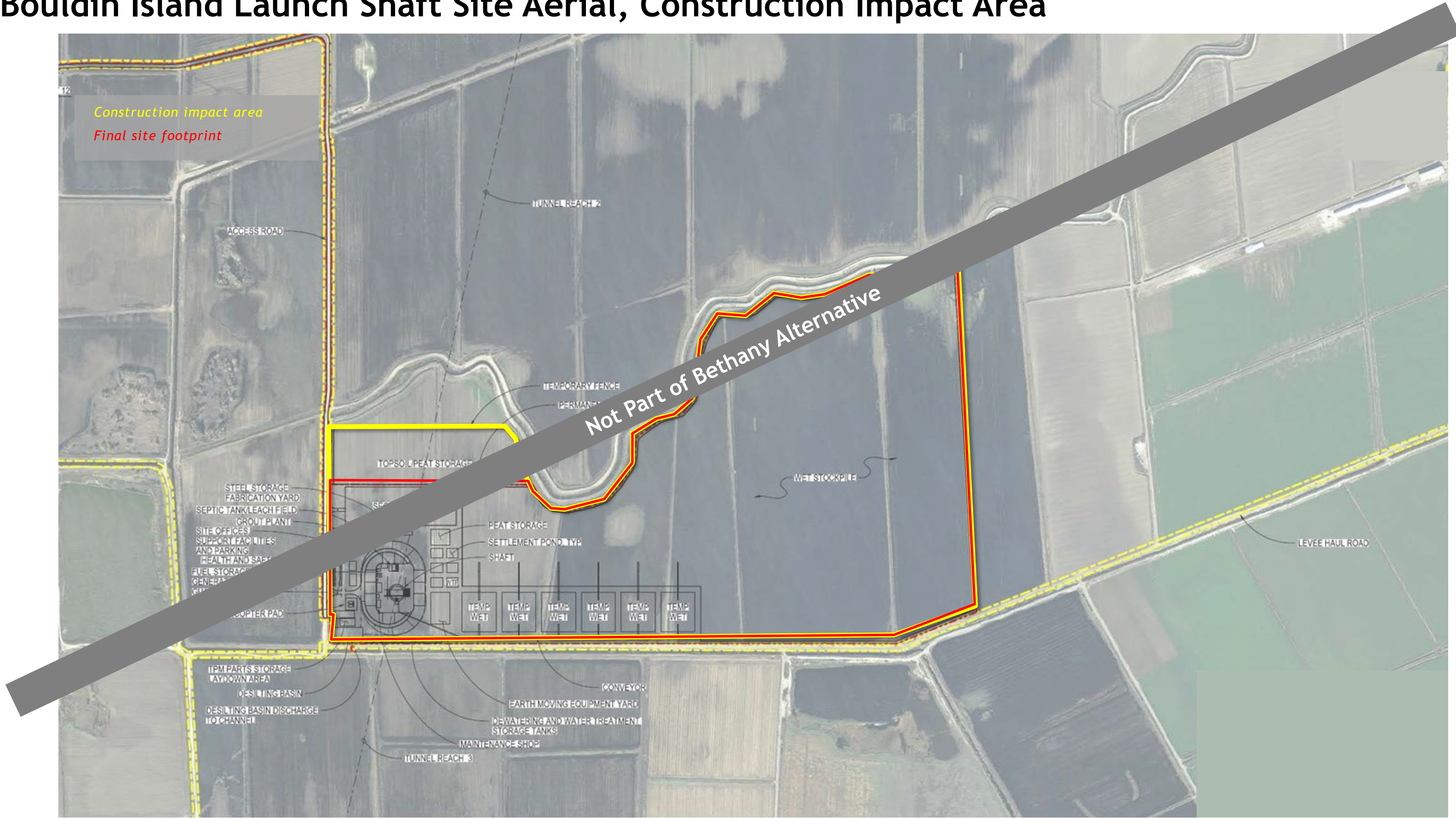
Staten Island Maintenance Shaft Site Access Routes



Bouldin Island Launch Shaft Site Aerial, Construction Impact Area



Bouldin Island Launch Shaft Site Aerial, Construction Impact Area



Bouldin Island Launch Shaft Site Photos



Photos taken from access road on Bouldin Island (corner of potential shaft location)

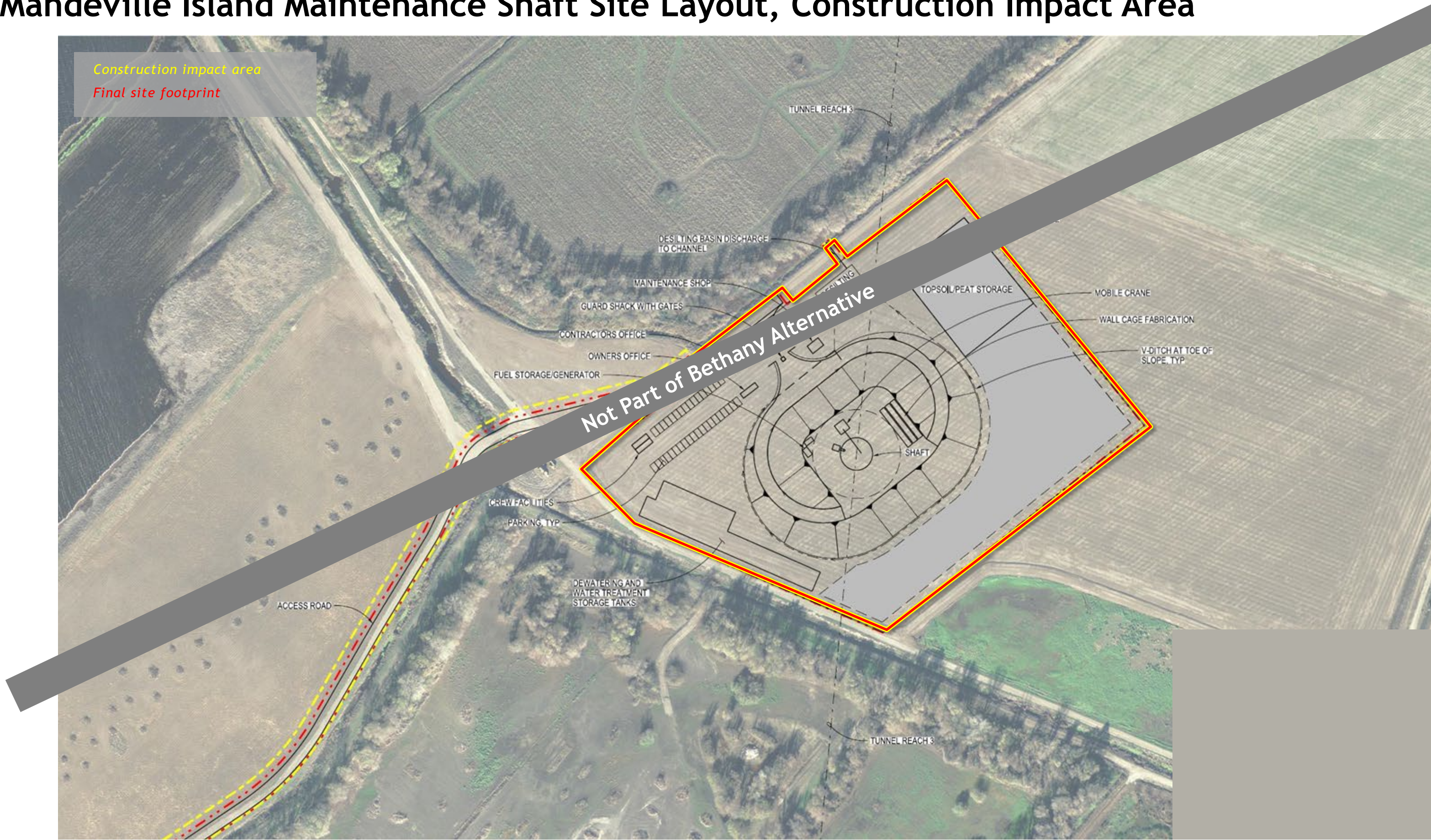
Bouldin Island Launch Shaft Site Access Routes



Mandeville Island Maintenance Shaft Site Aerial, Construction Impact Area



Mandeville Island Maintenance Shaft Site Layout, Construction Impact Area



Mandeville Island Maintenance Shaft Site Photos



Google Map imagery provided due to site inaccessibility.

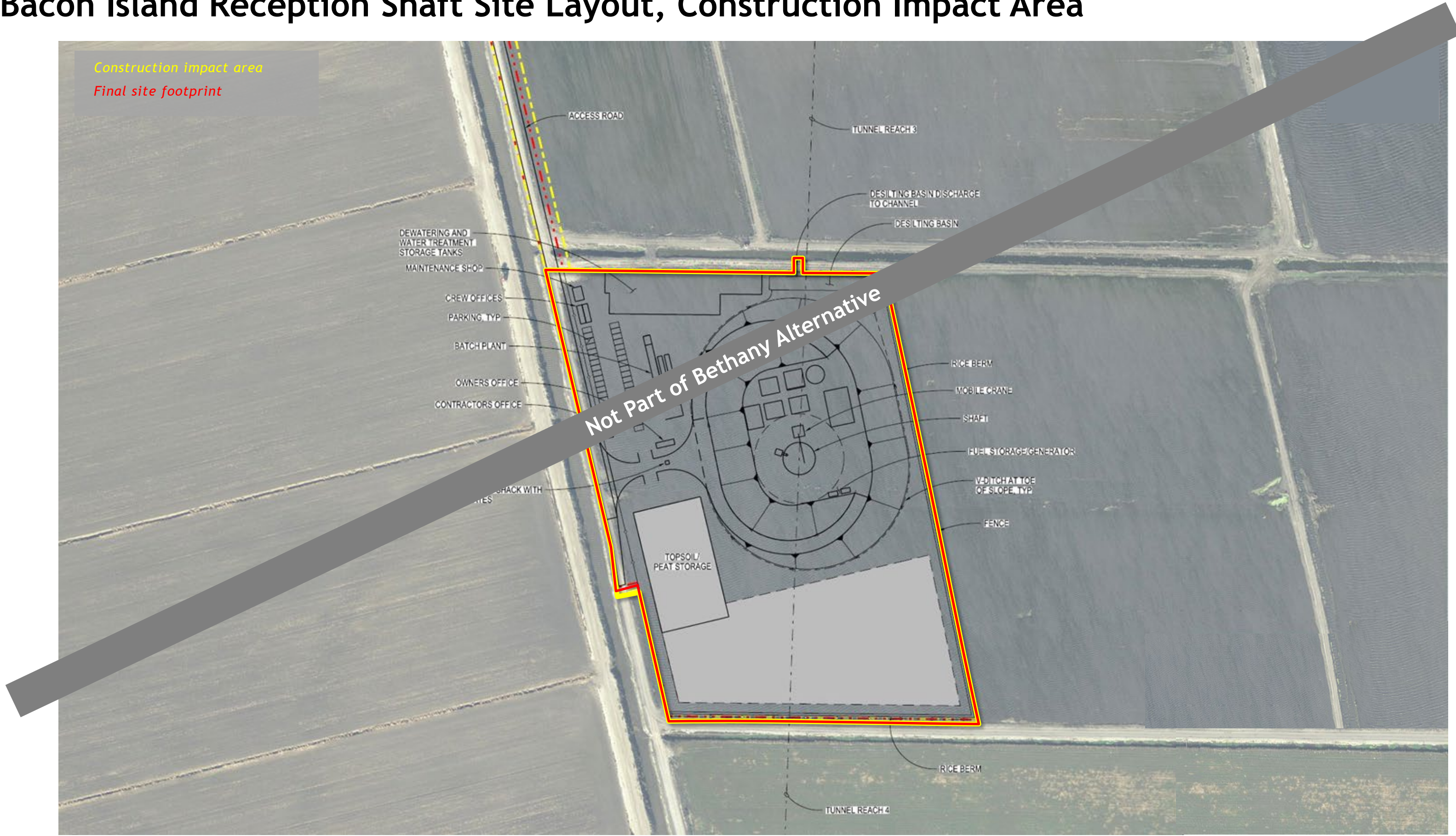
Mandeville Island Maintenance Shaft Site Access Routes



Bacon Island Reception Shaft Site Aerial, Construction Impact Area



Bacon Island Reception Shaft Site Layout, Construction Impact Area

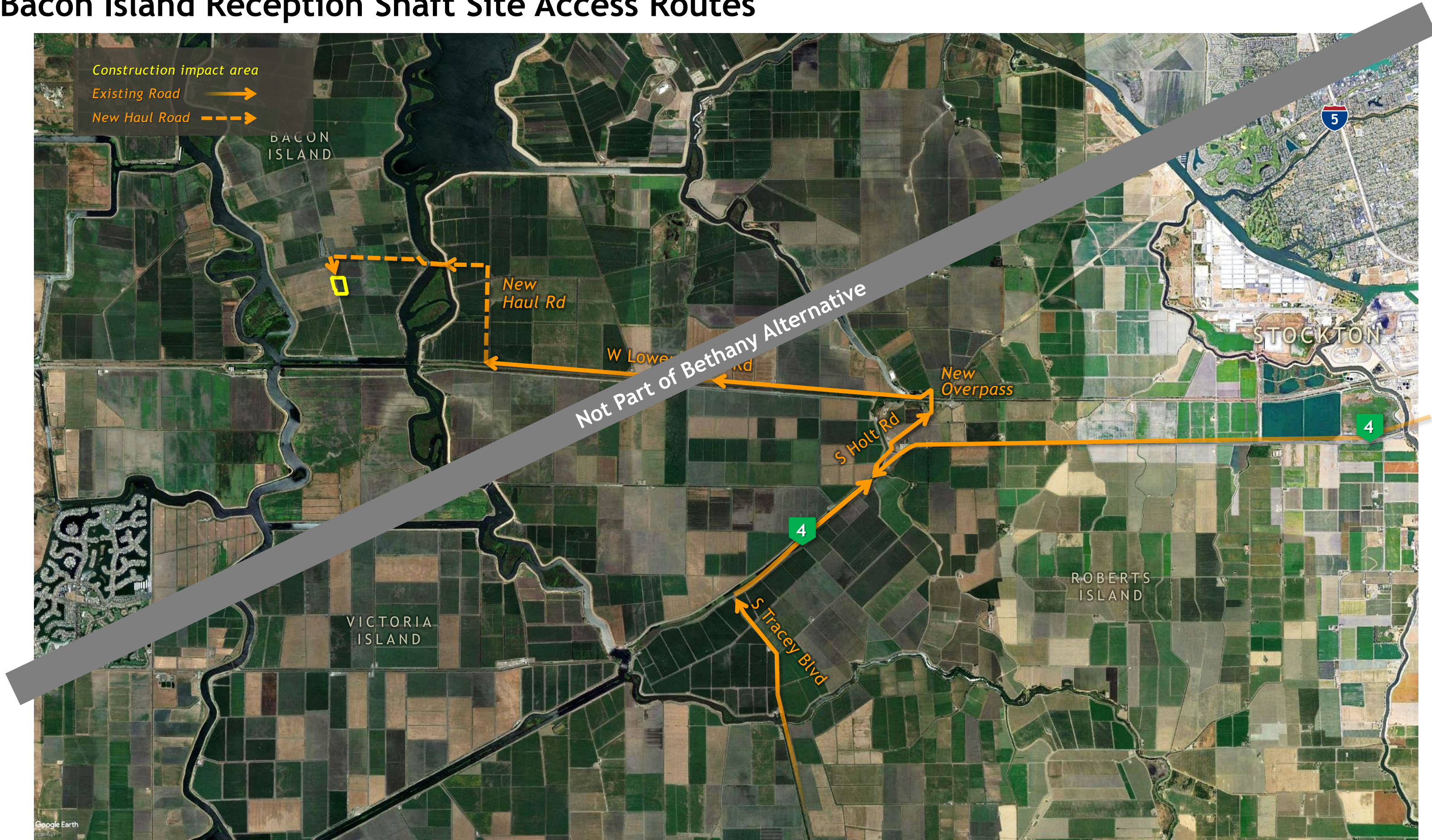


Bacon Island Reception Shaft Site Photos



Photos taken from access road on Bacon Island (corner of potential shaft location)

Bacon Island Reception Shaft Site Access Routes



Eastern Alignment Shaft Sites

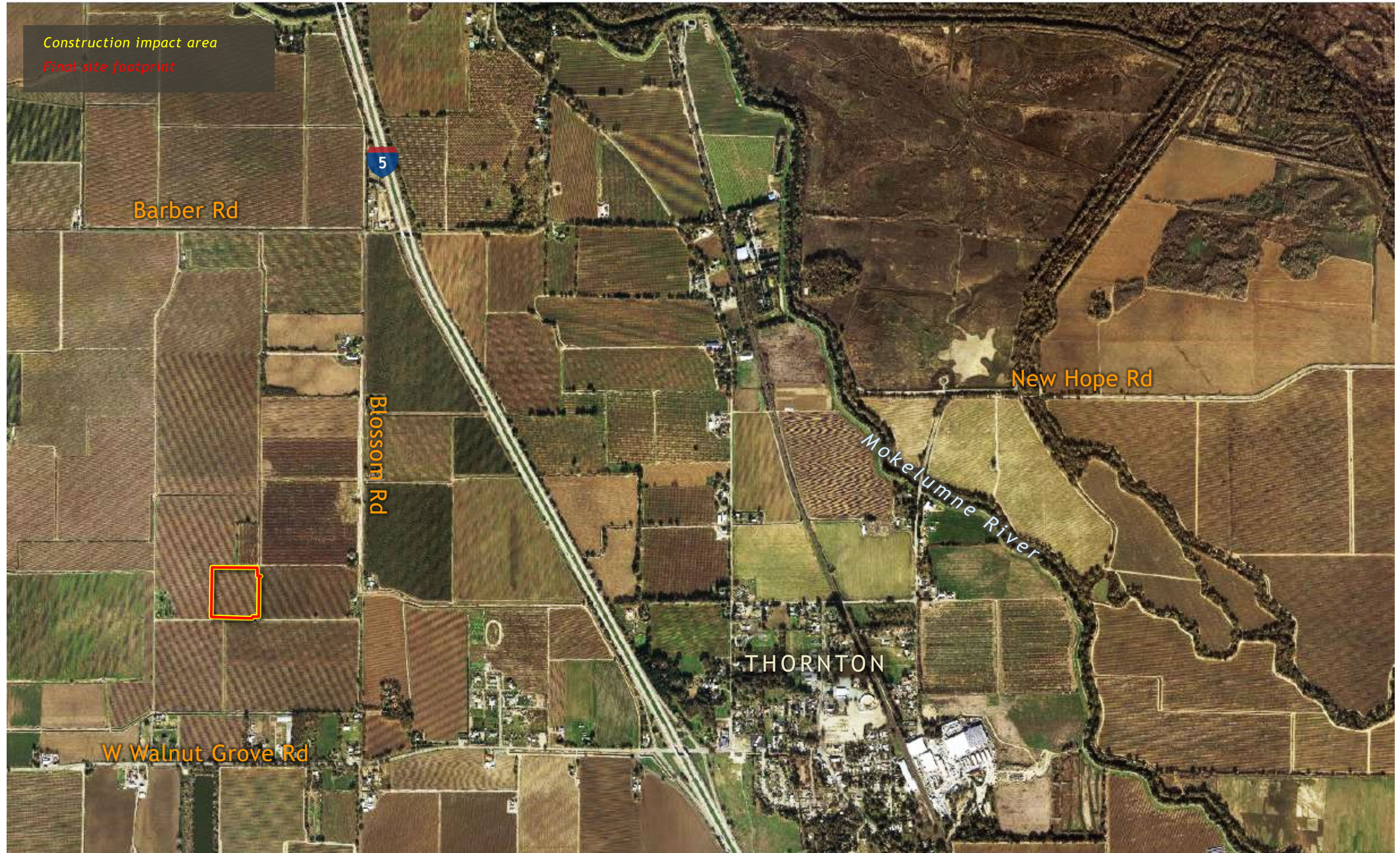


EASTERN ALTERNATIVE ALIGNMENT SITES

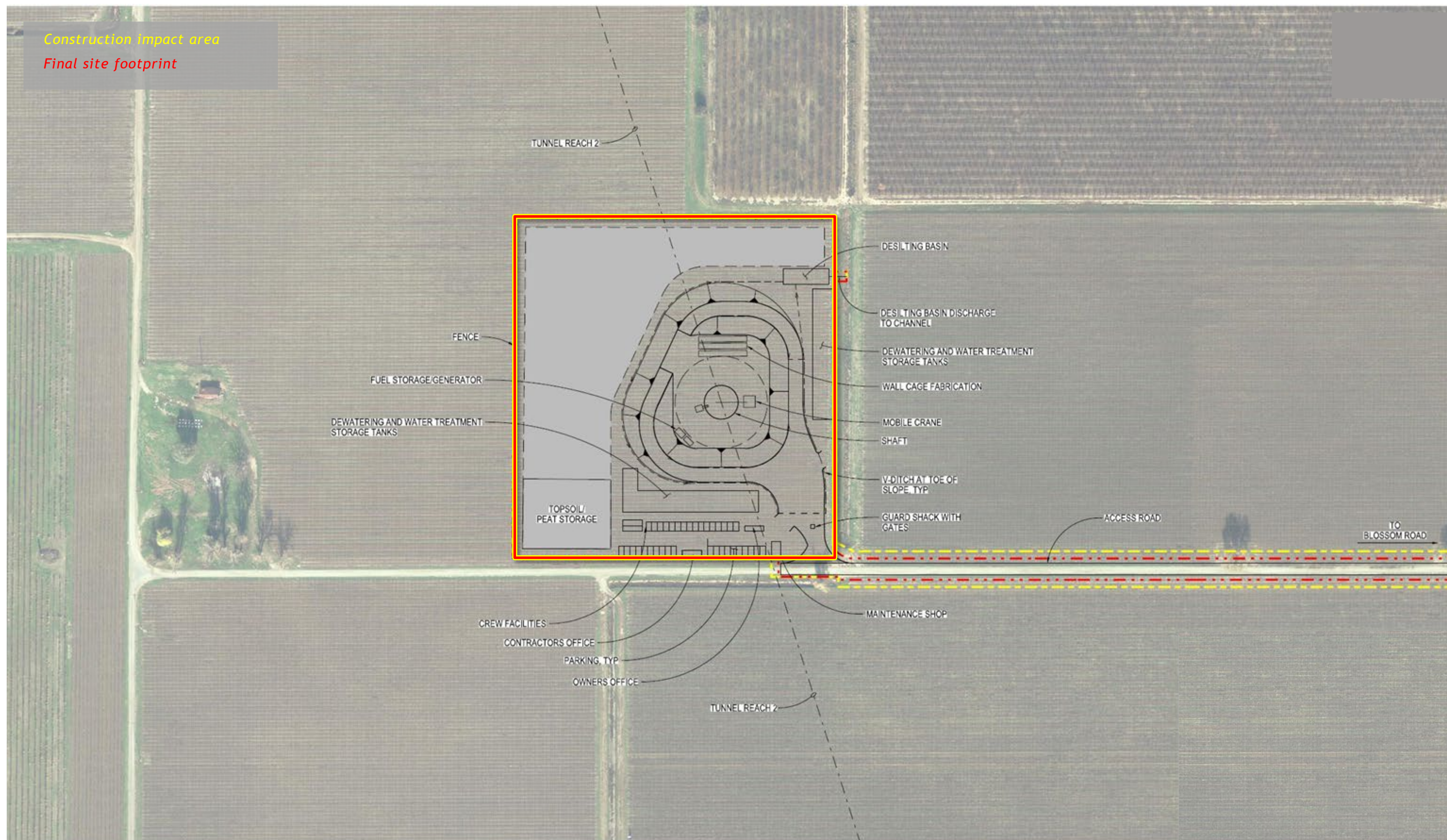
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*Facilities within the Eastern Alignment that are also part of the Bethany Alternative (annotated November 2021)

New Hope Tract Maintenance Shaft Site Aerial, Construction Impact Area



New Hope Tract Maintenance Shaft Site Layout, Construction Impact Area



New Hope Tract Maintenance Shaft Site Photos

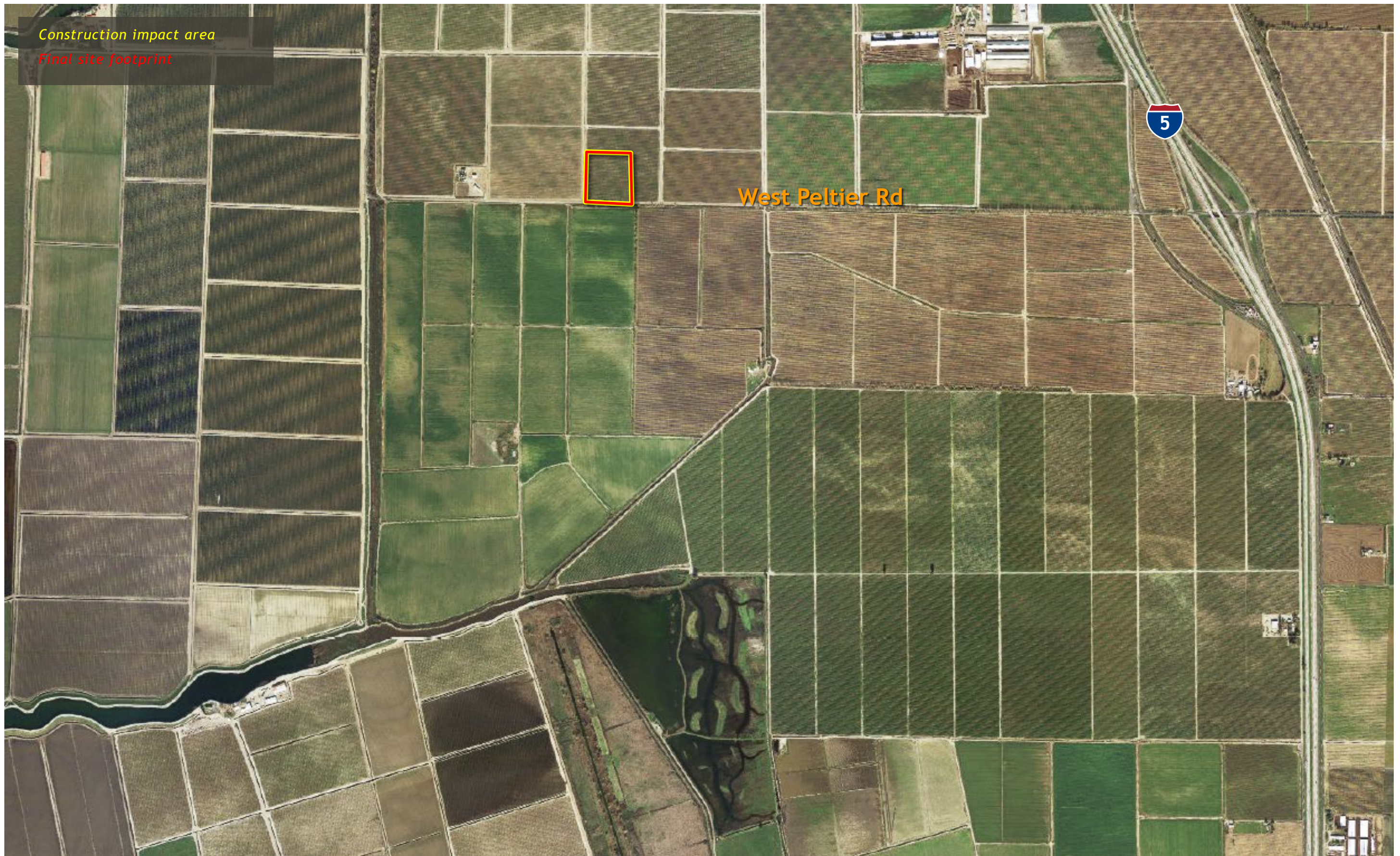


Photos taken from Blossom Road looking westward

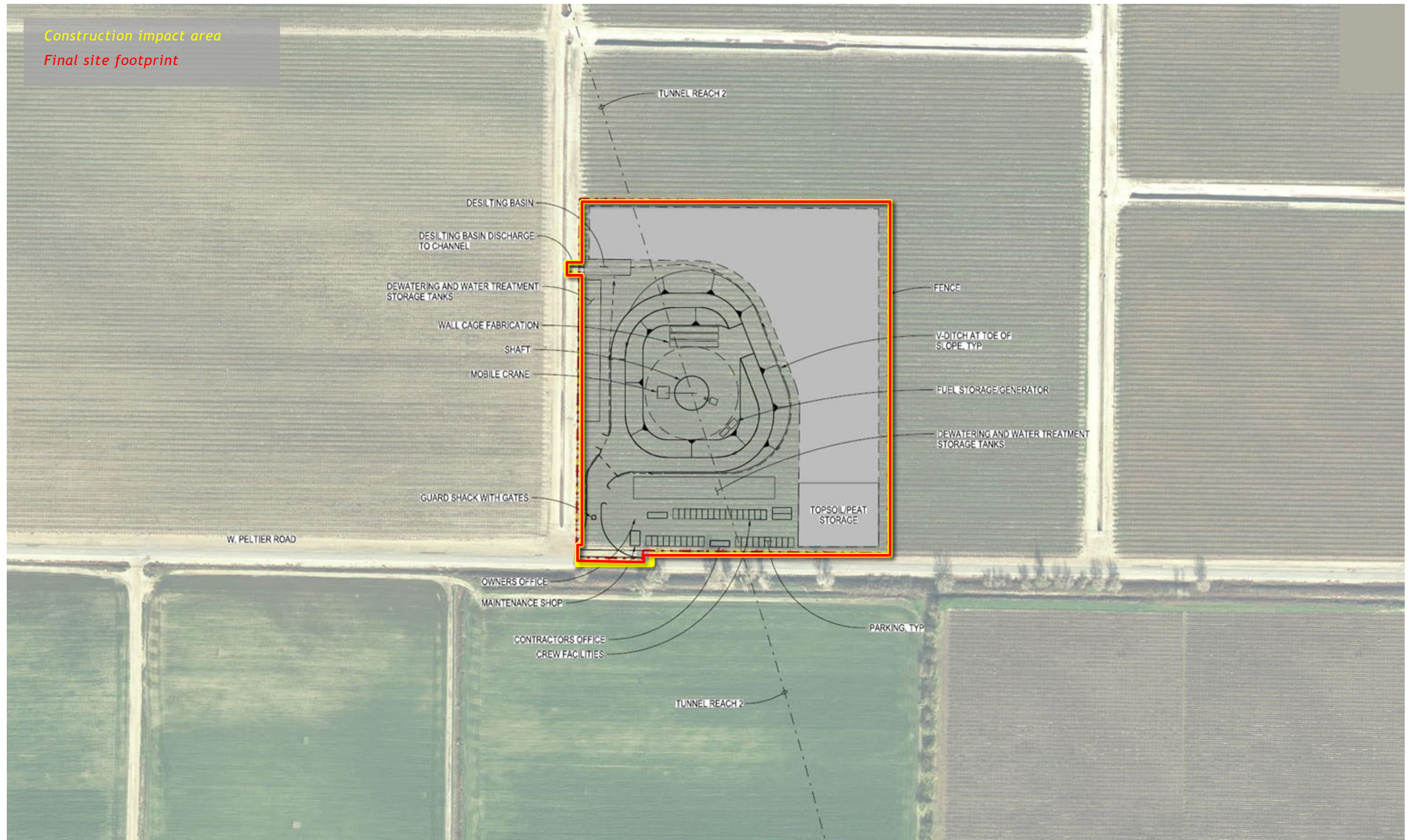
New Hope Tract Maintenance Shaft Site



Canal Ranch Maintenance Shaft Site Aerial, Construction Impact Area



Canal Ranch Maintenance Shaft Site Layout, Construction Impact Area

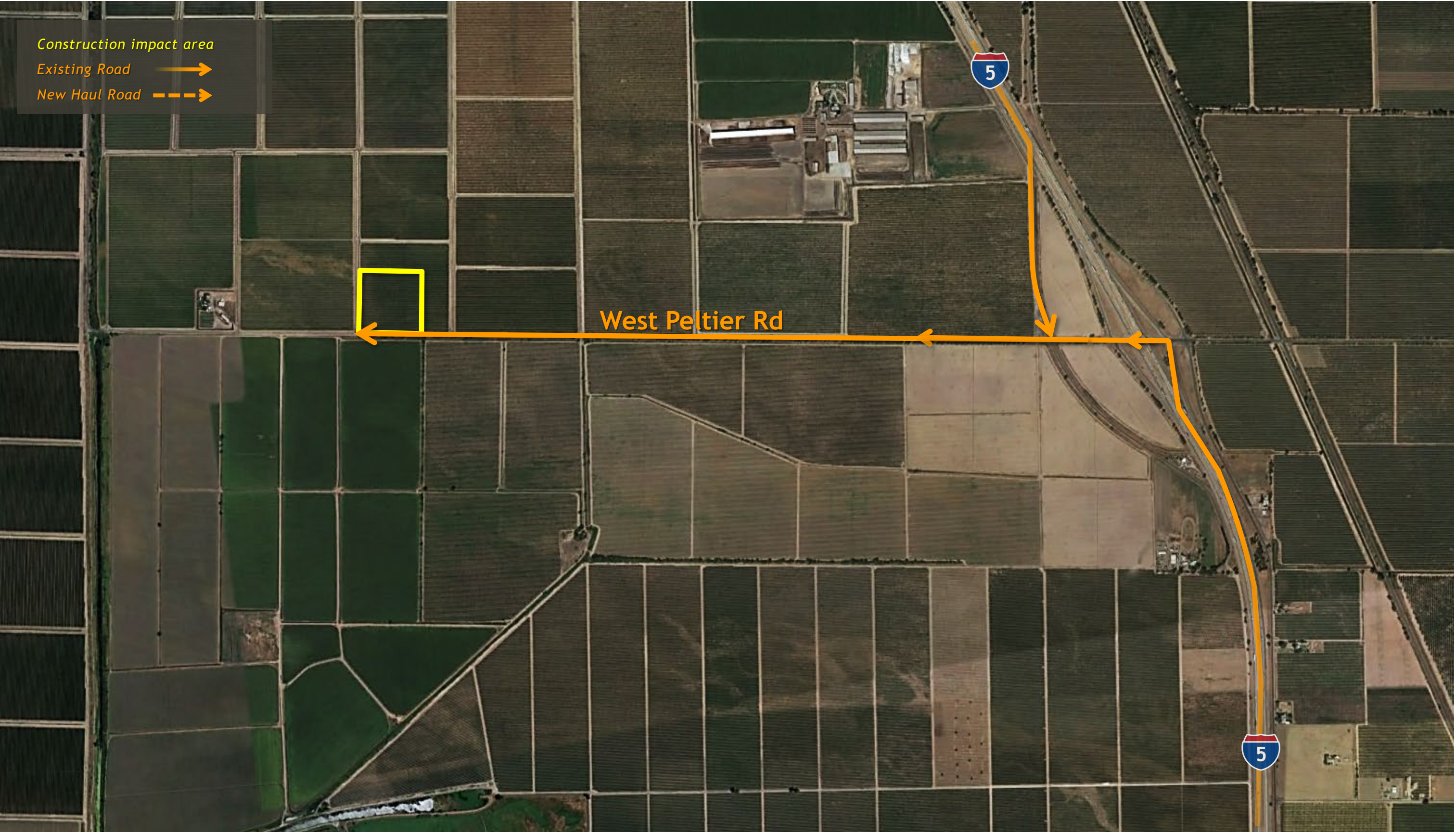


Canal Ranch Maintenance Shaft Site Photos

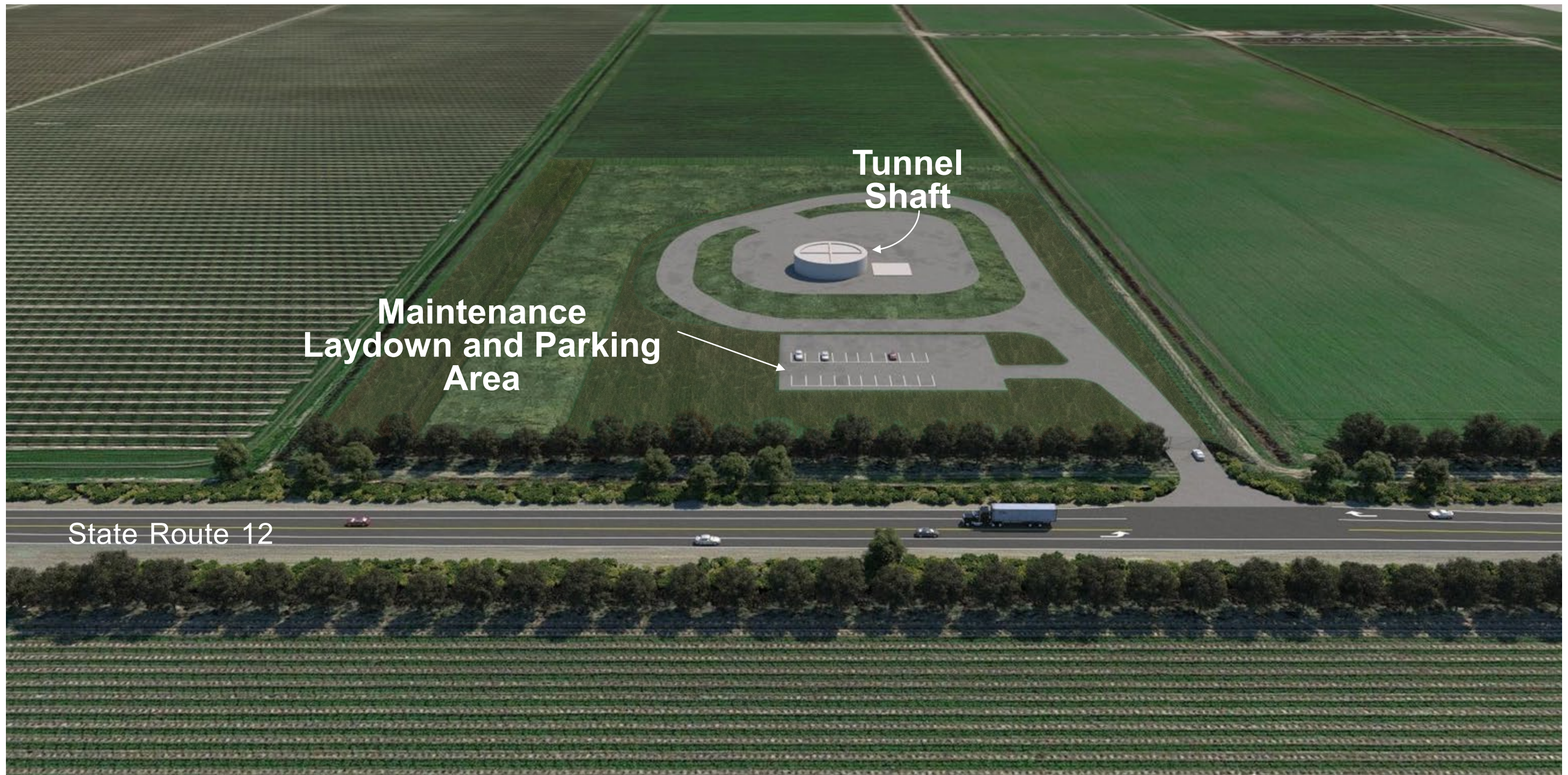


Photo taken from Peltier Road looking eastward

Canal Ranch Maintenance Shaft Site Access Routes



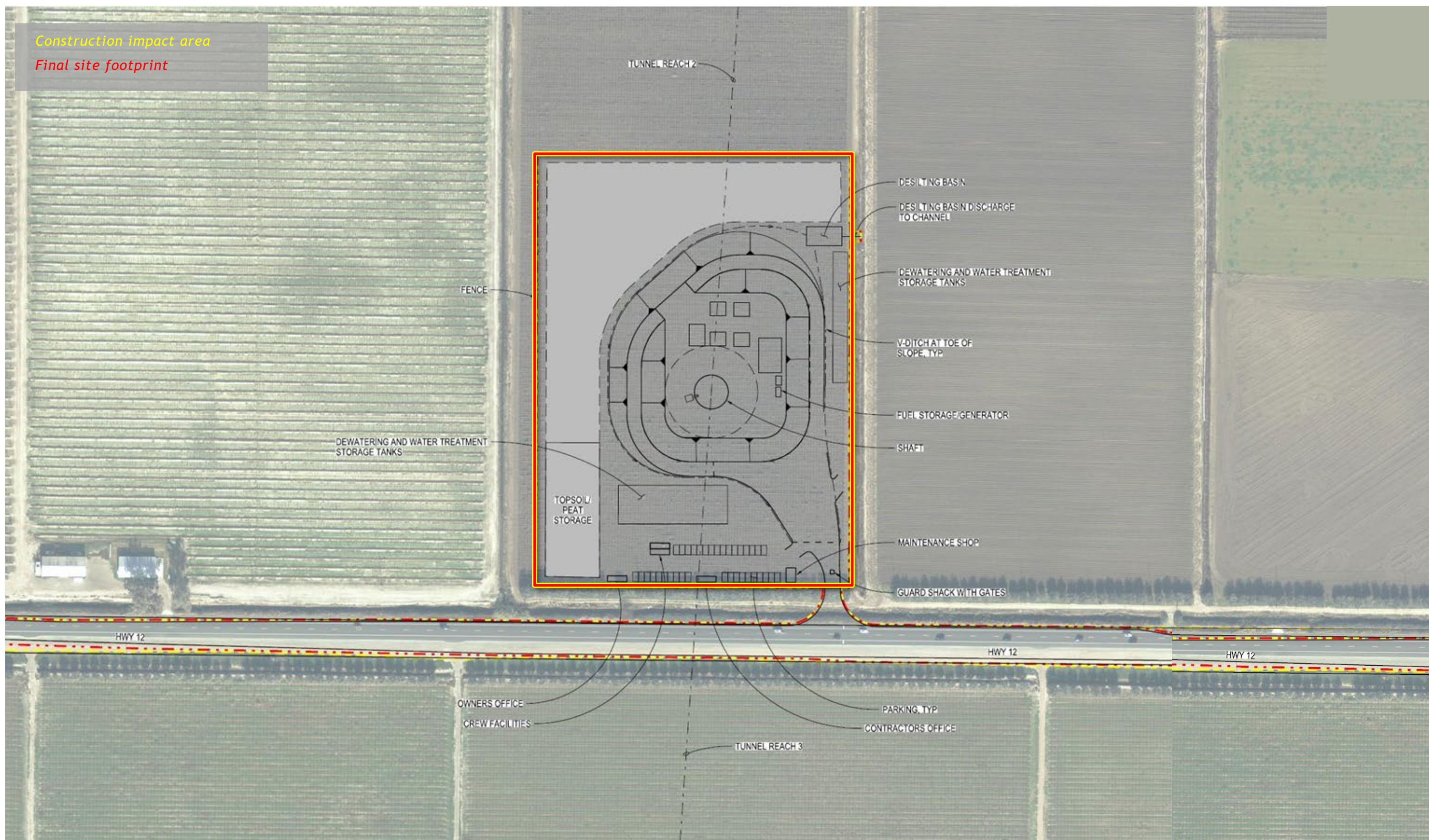
Terminus Tract Reception Shaft Typical, Rendering



Terminus Tract Reception Shaft Site Aerial, Construction Impact Area



Terminus Tract Reception Shaft Site Layout, Construction Impact Area



Terminous Tract Reception Shaft Site Photos



Photos taken from Hwy 12 looking northeast

Terminus Tract Reception Shaft Site Access Routes



King Island Maintenance Shaft Site Aerial, Construction Impact Area



King Island Maintenance Shaft Site Layout, Construction Impact Area



King Island Maintenance Shaft Site Photos

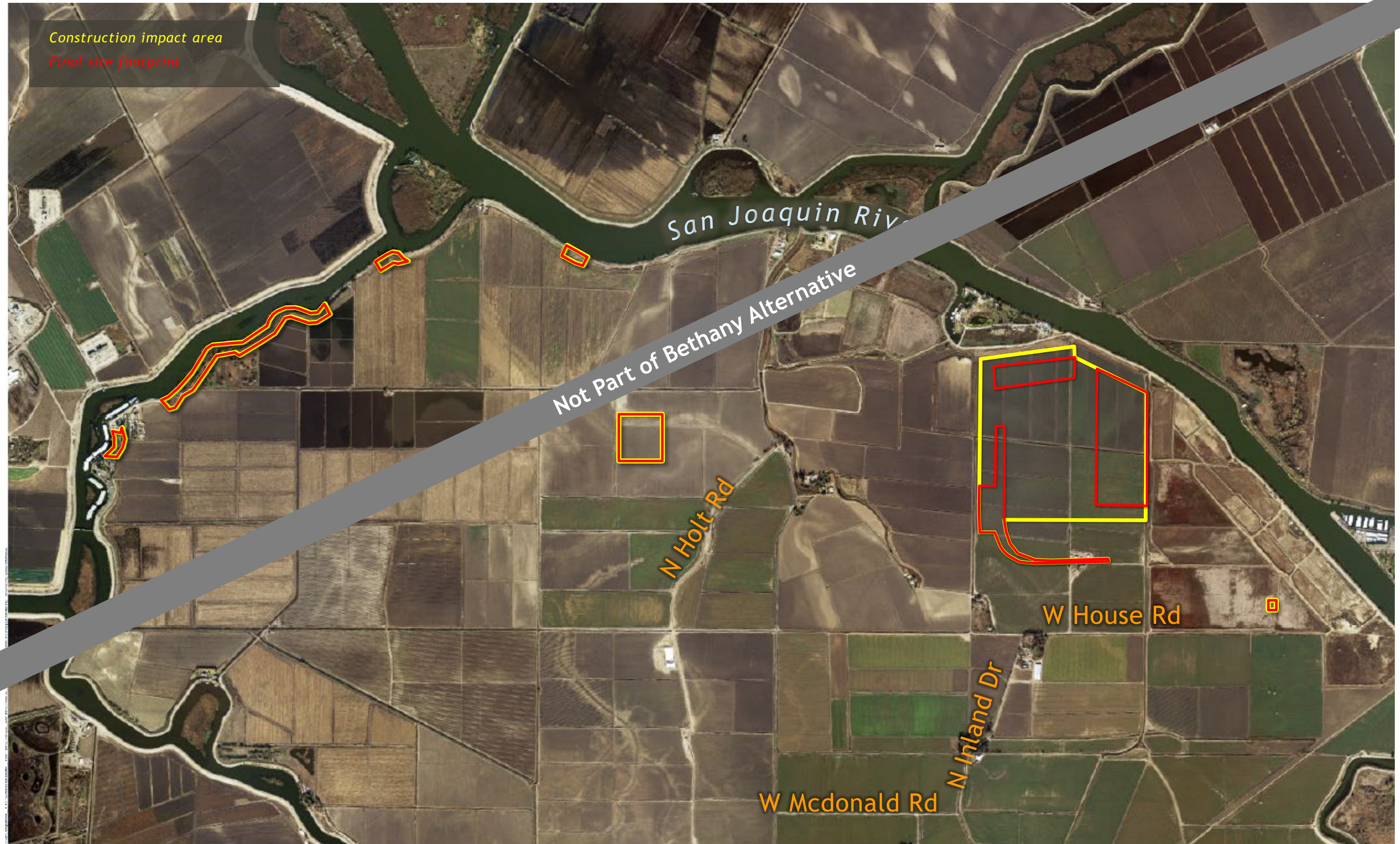


Photos taken from W 8 Mile Rd looking north

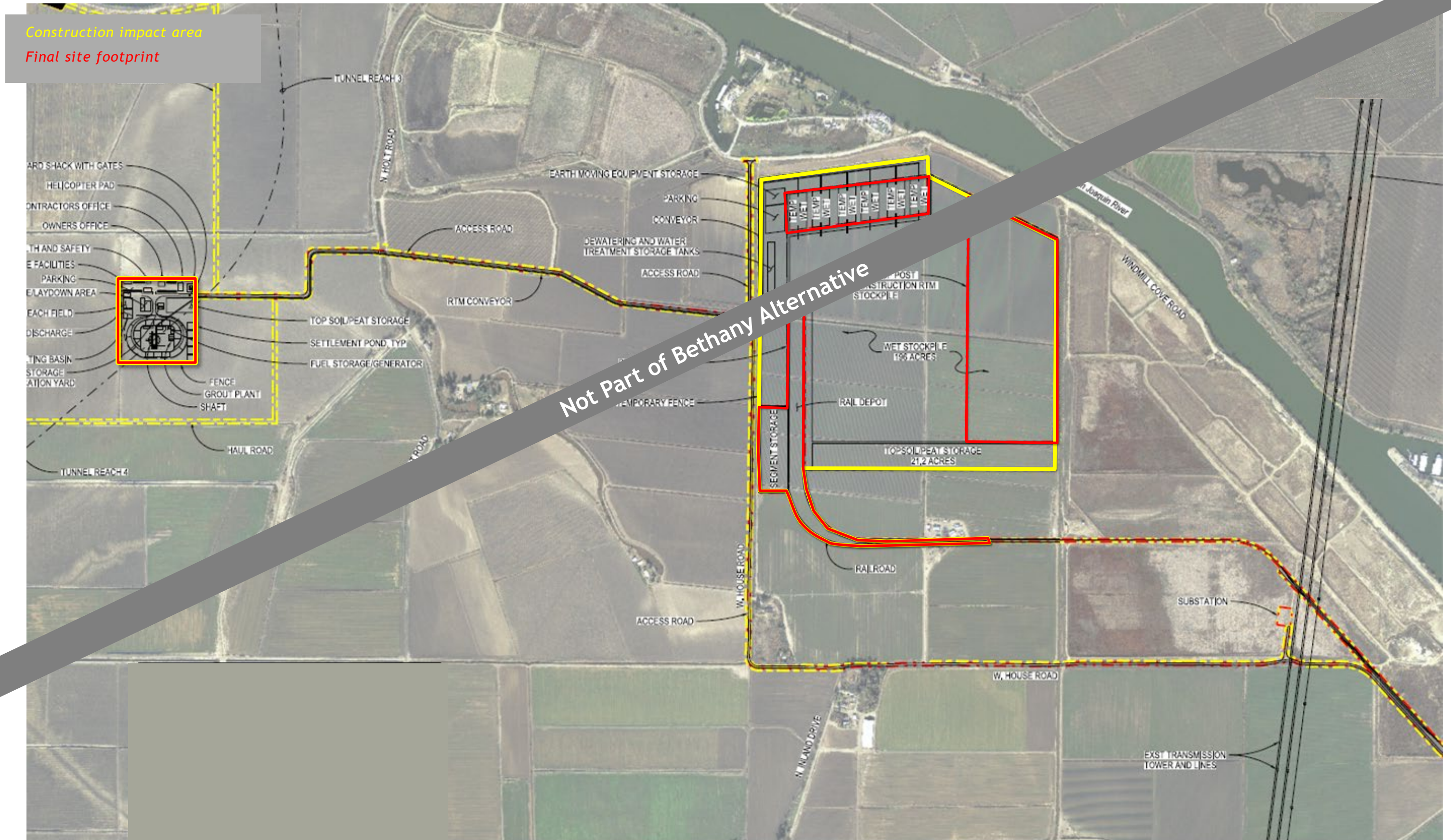
King Island Maintenance Shaft Site Access Routes



Lower Roberts Island Launch Shaft Site Aerial, Construction Impact Area



Lower Roberts Island Launch Shaft Site Layout, Construction Impact Area



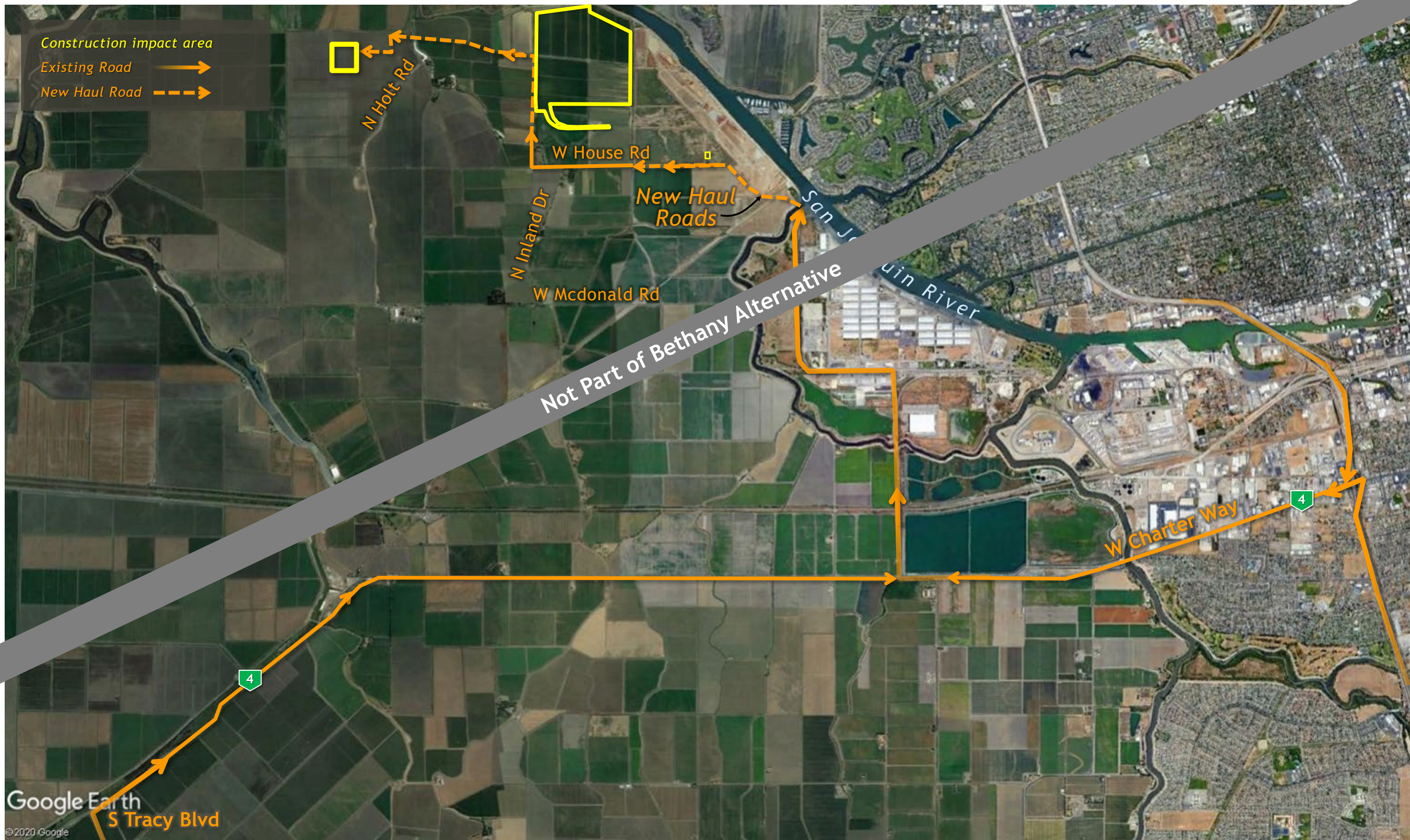
Lower Roberts Island Launch Shaft Site Photos



Photos taken from N Holt Road looking westward

Not Part of Bethany Alternative

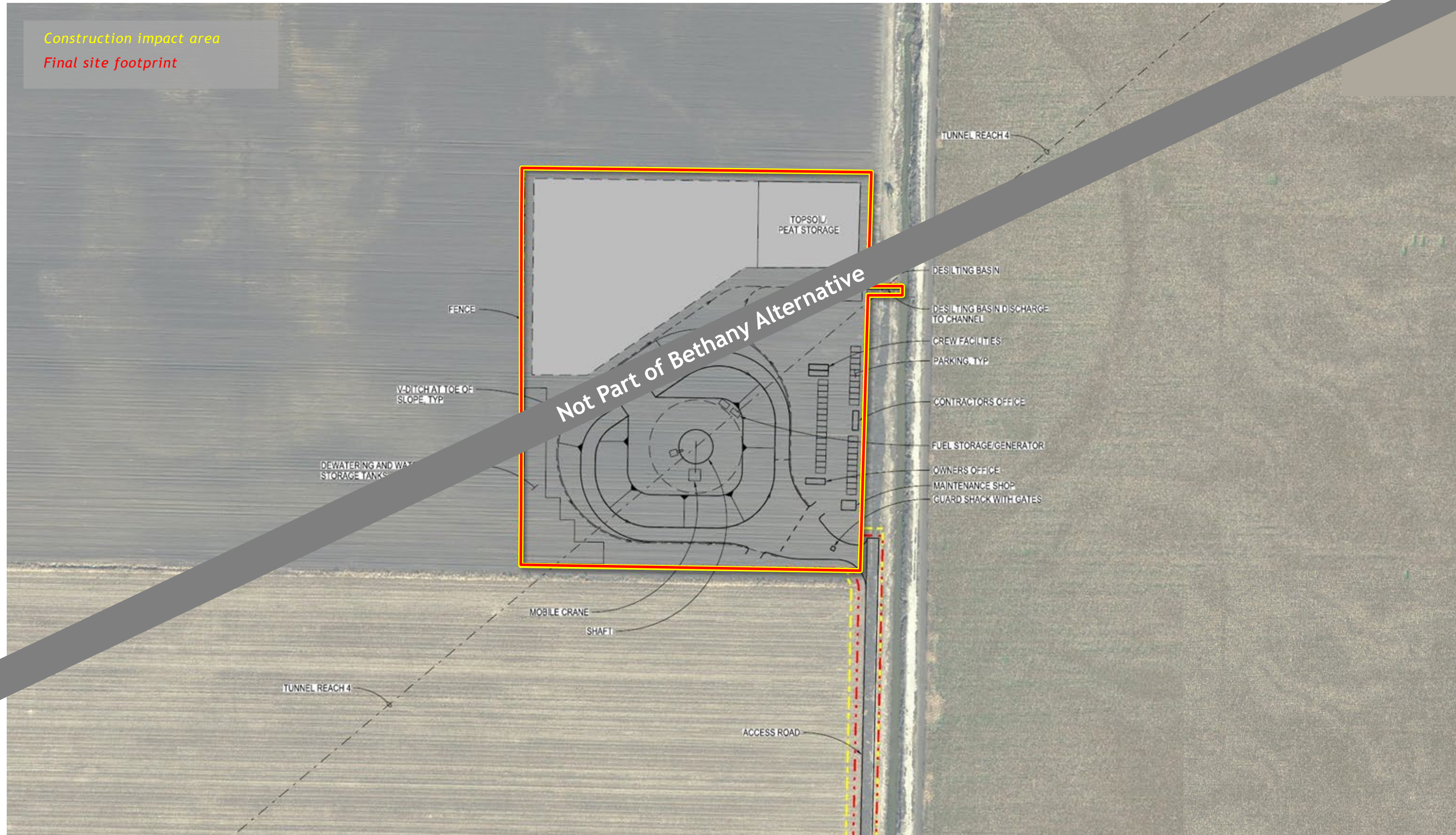
Lower Roberts Island Launch Shaft Site Access Routes



Upper Jones Maintenance Shaft Site Aerial, Construction Impact Area



Upper Jones Maintenance Shaft Site Layout, Construction Impact Area



Upper Jones Maintenance Shaft Site Photos



Photo taken from Bacon Island Road looking eastward

Upper Jones Maintenance Shaft Site Access Routes



Southern Complex

Not Part of Bethany Alternative

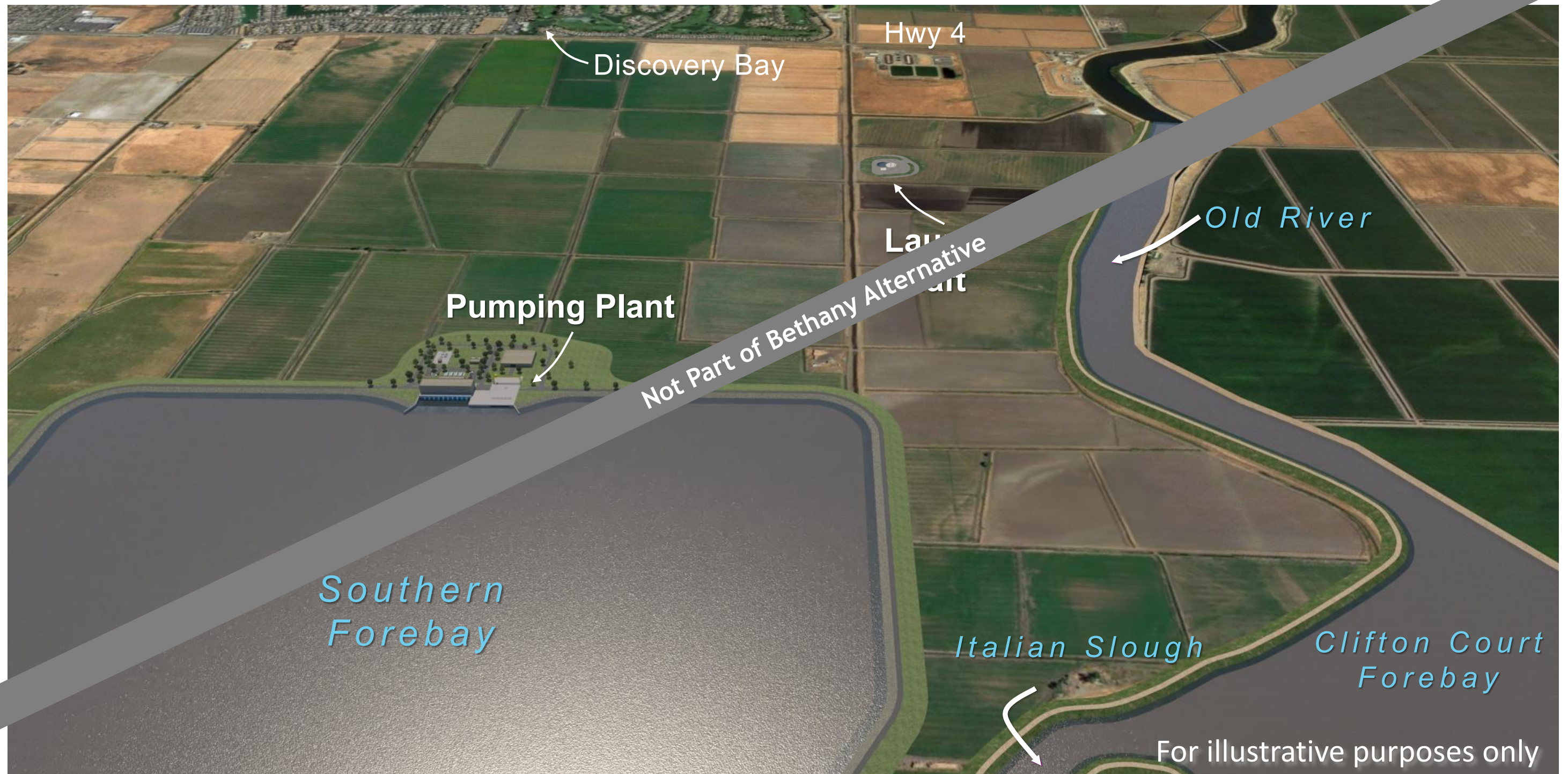
SOUTHERN COMPLEX ALTERNATIVE SITE

Southern Forebay Facilities *page 67*

South Delta Outlet & Control Structure *page 69*

Southern Complex Launch Shaft
South Delta Pump Station
Southern Forebay
Southern Forebay Outlet Structure and Tunnel Launch Shafts
Clifton Court Forebay
CA Aqueduct
Harvey O. Banks Pumping Plant
Bethany Reservoir

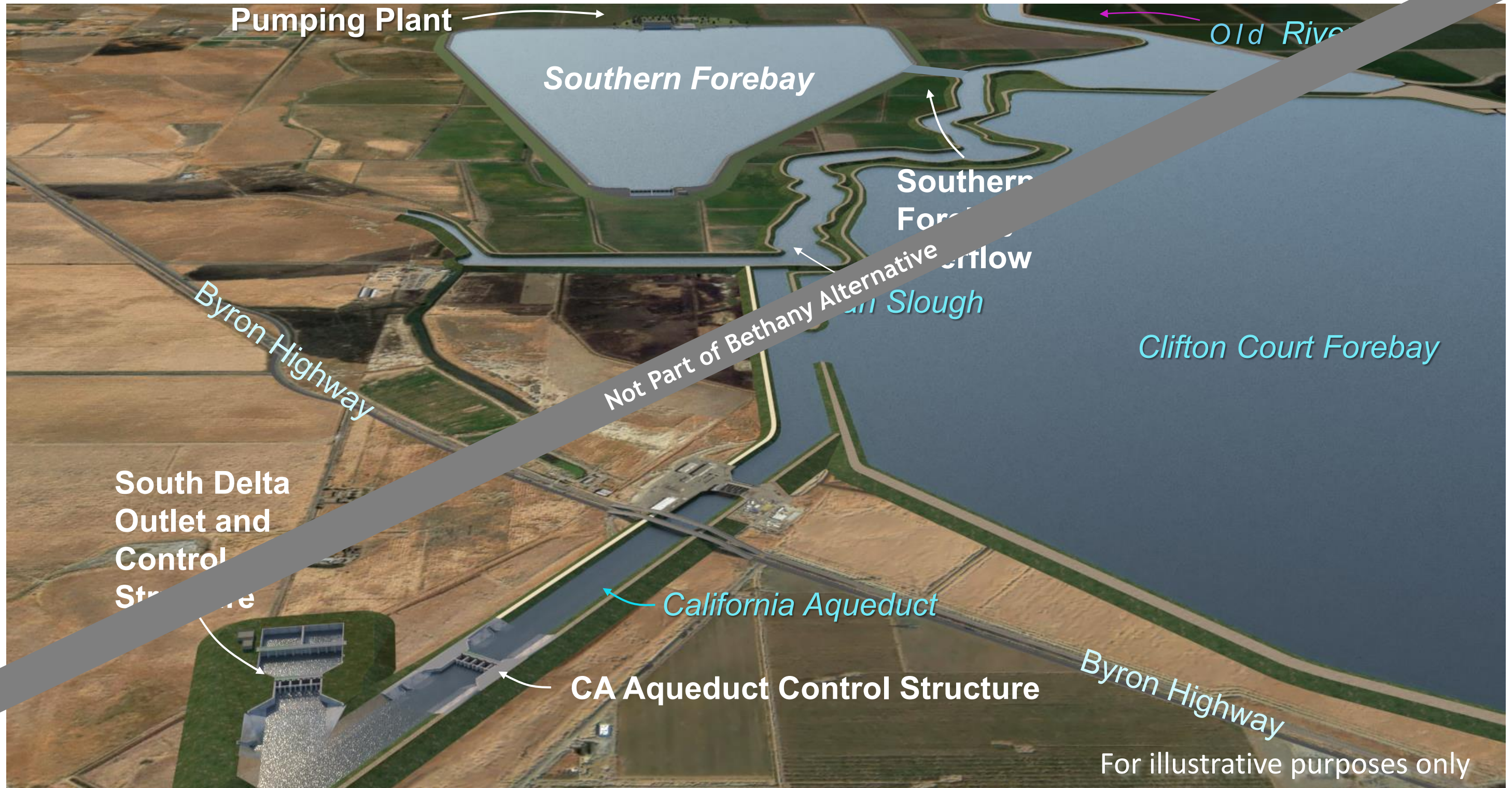
Southern Forebay Facilities Typical, Rendering



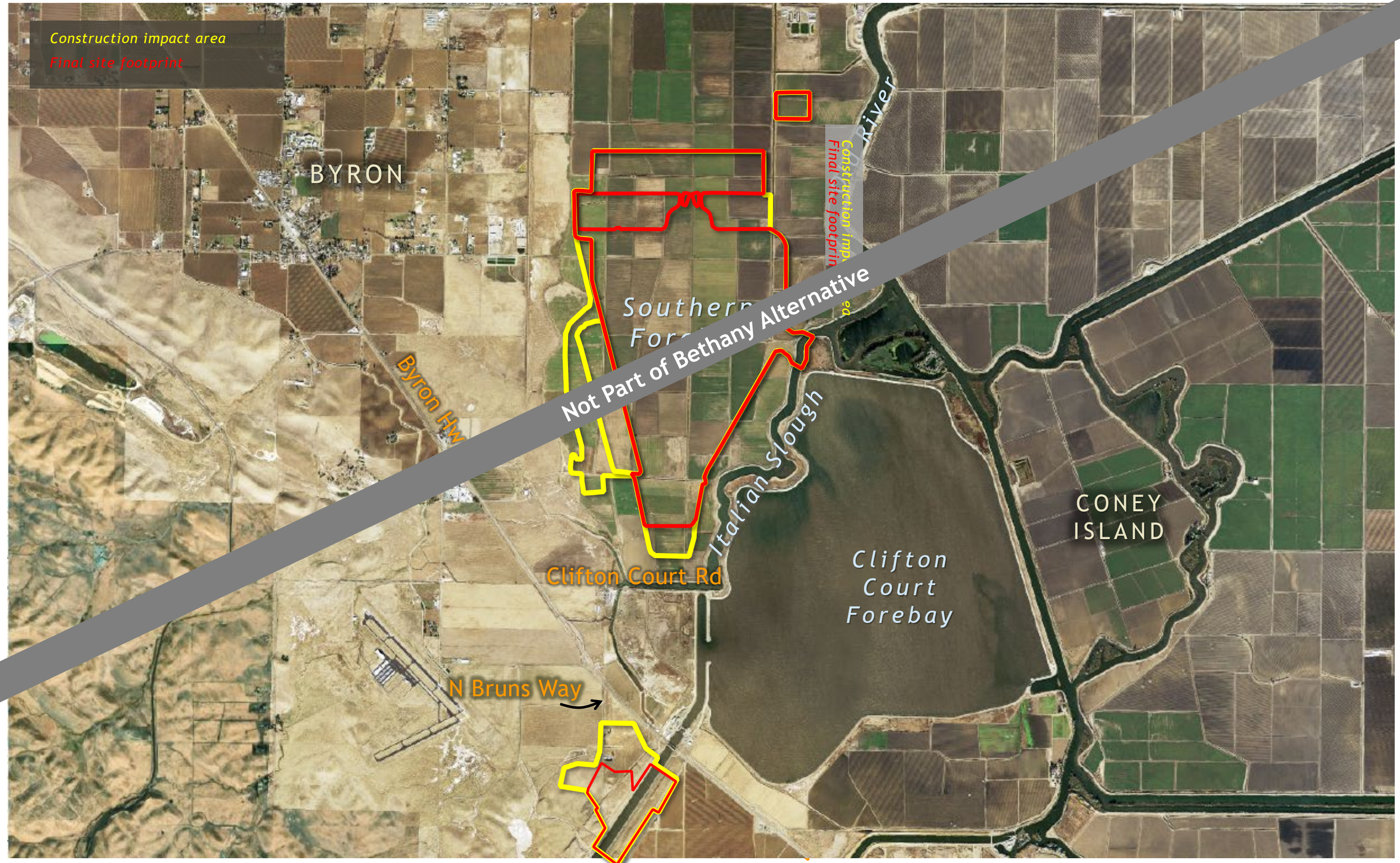
South Delta Pumping Plant Typical, Rendering



South Delta Outlet and Control Structure Typical, Rendering

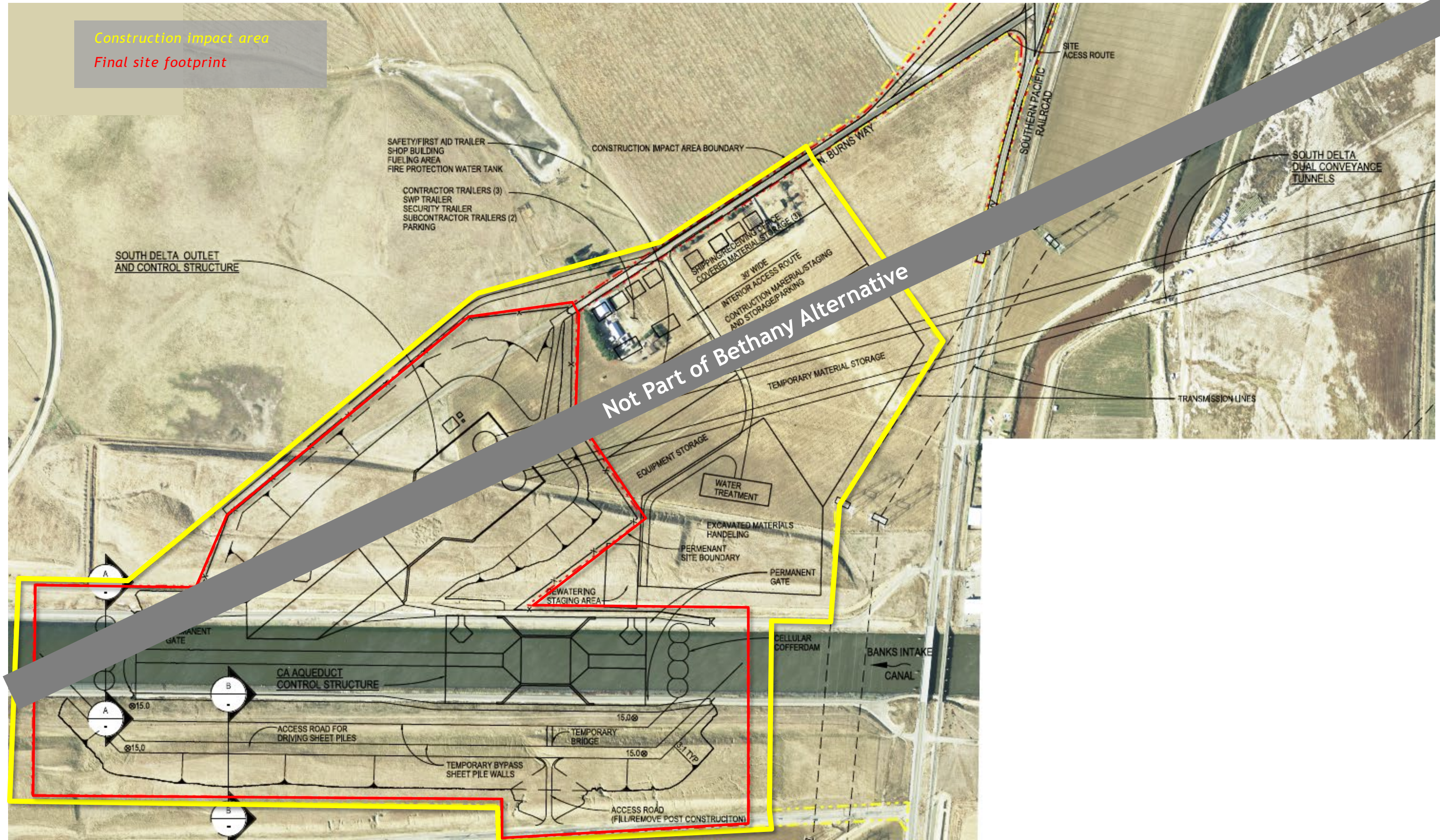


Southern Forebay Facilities & S Delta Flow Control Facilities Site Aerial, Construction Impact Area





South Delta Outlet & Control Structure Site Layout, Construction Impact Area



Southern Forebay Facilities Site Photos



Photos taken from Clifton Court Rd looking north

Not Part of Bethany Alternative

Southern Complex Launch Shaft Site Photos



Photo taken from Hwy 4 looking south

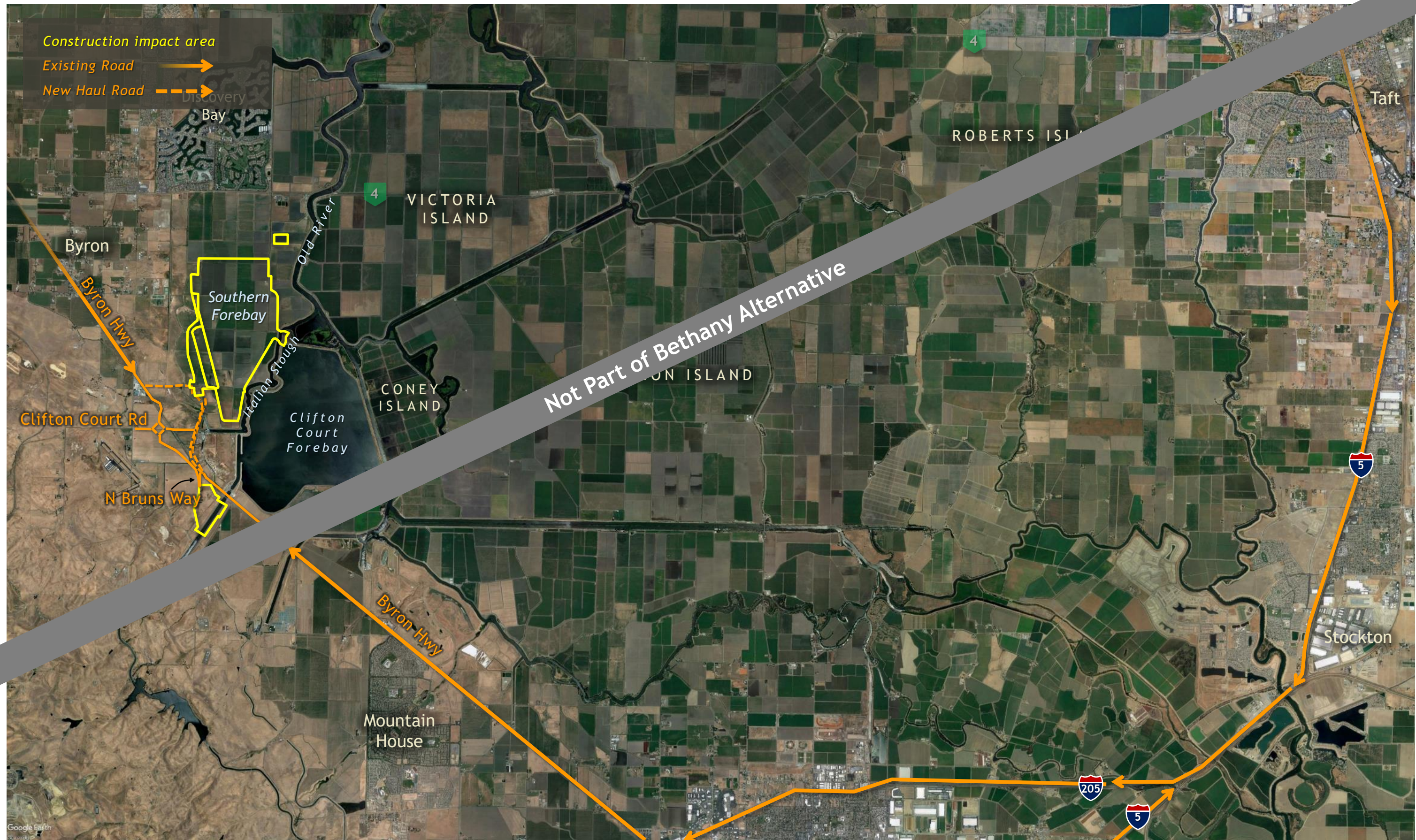
South Delta Outlet and Control Structure Site Photos



Not Part of Bethany Alternative

Photos taken from N Bruns Way looking north

Southern Forebay Facilities & S Delta Flow Control Facilities Site Access Routes



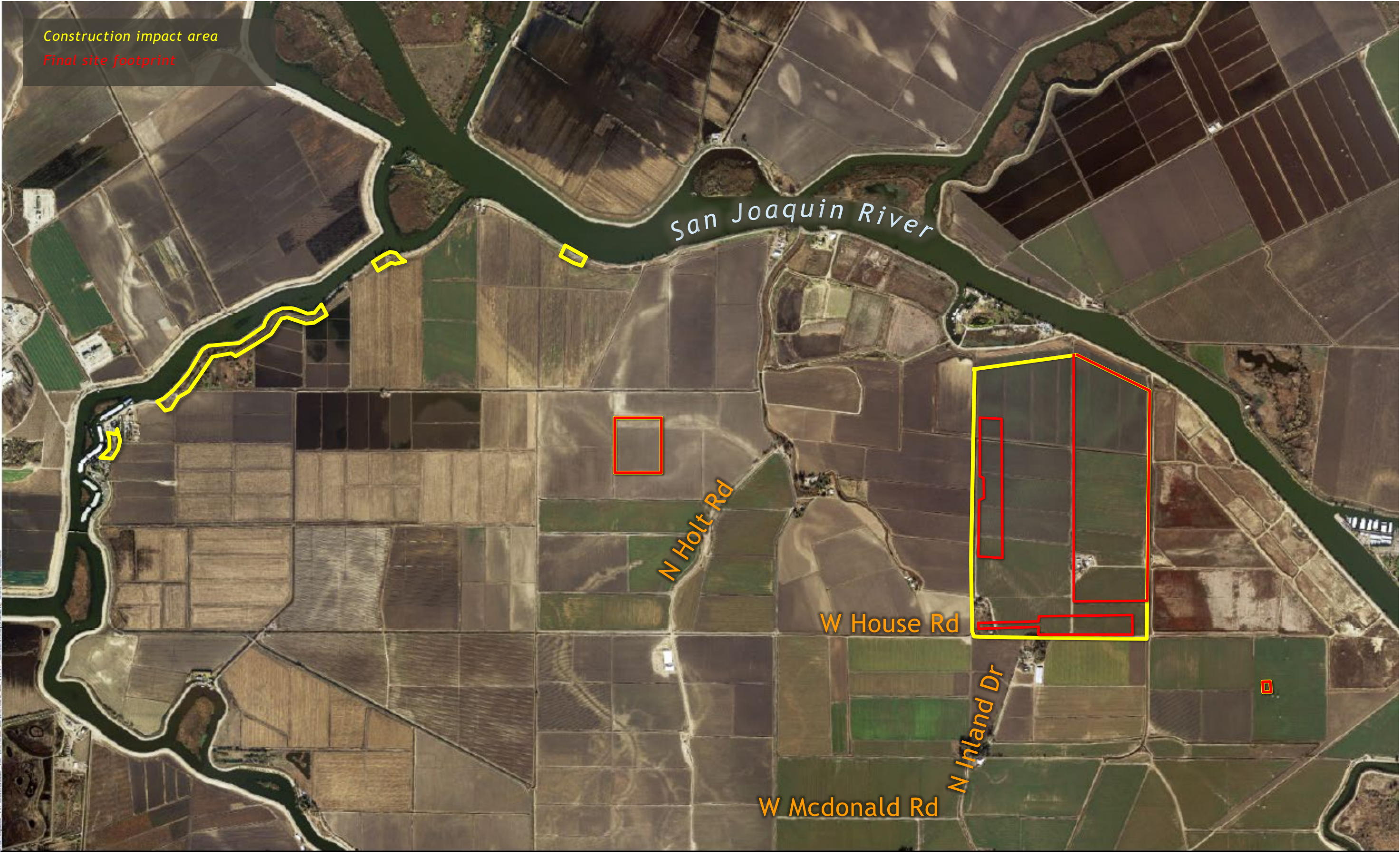
Bethany Alignment Facilities & Shaft Sites



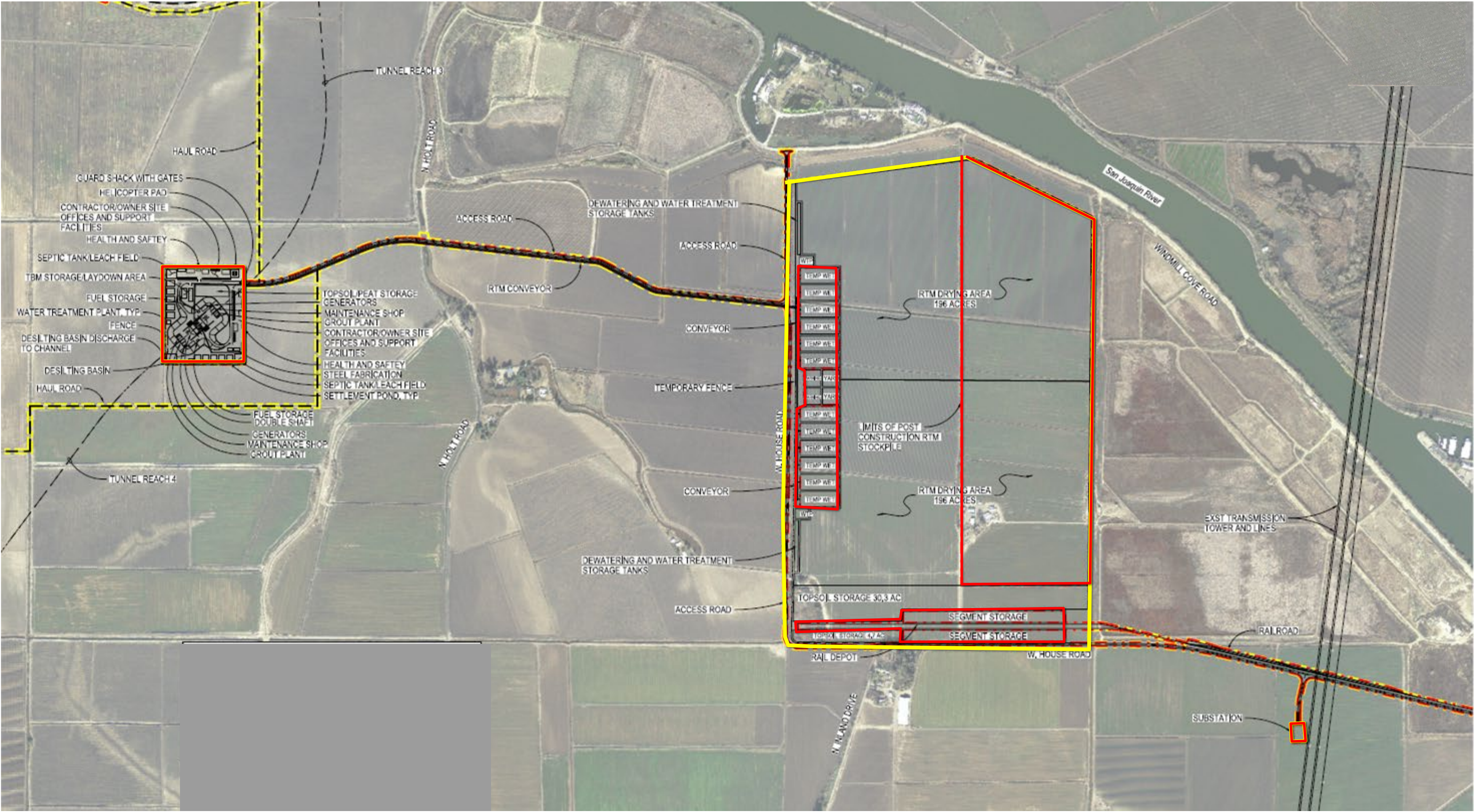
BETHANY ALTERNATIVE ALIGNMENT SITES

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Lower Roberts Island Launch Shaft Site Aerial, Construction Impact Area



Lower Roberts Island Launch Shaft Site Layout, Construction Impact Area

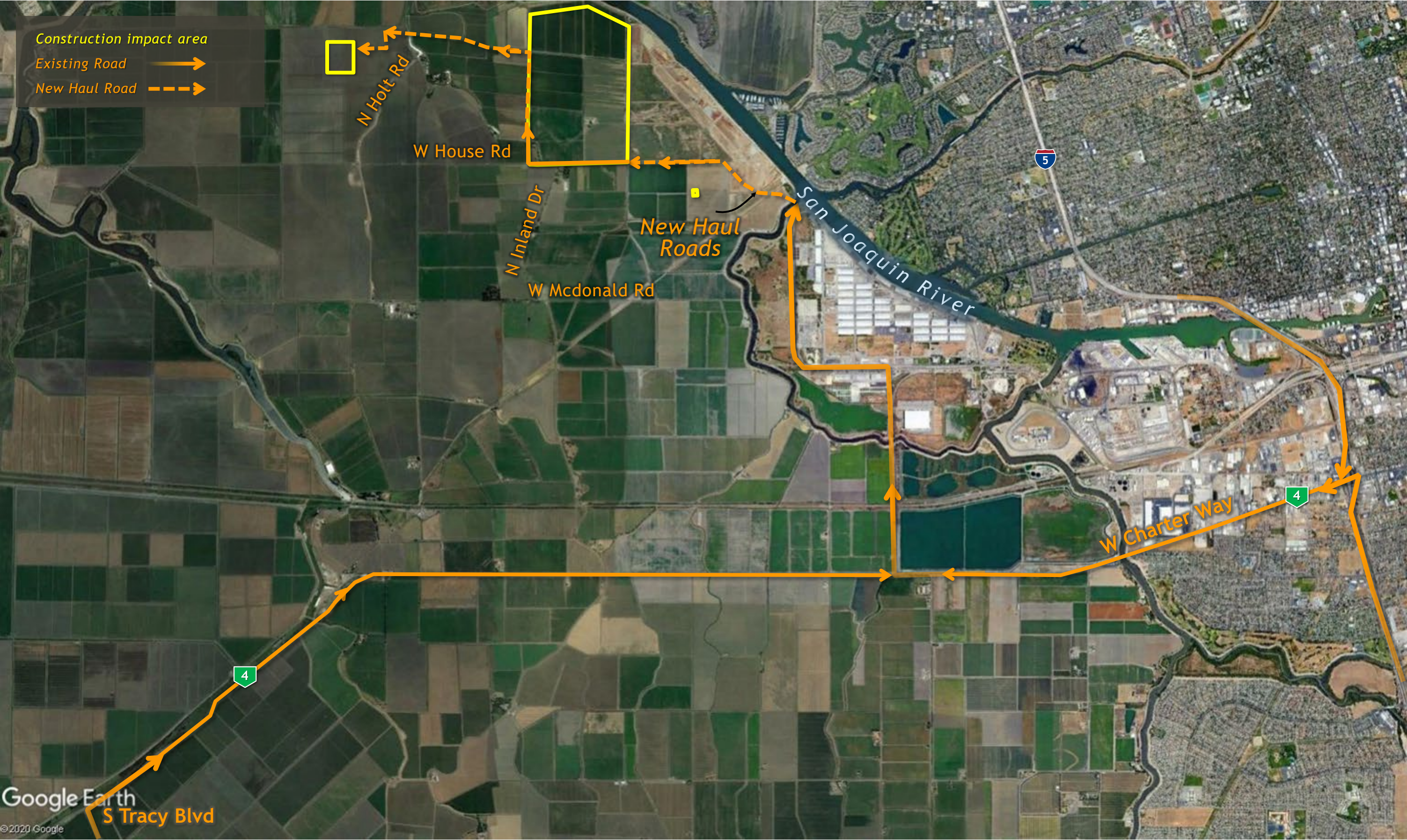


Lower Roberts Island Launch Shaft Site Photos



Photos taken from N Holt Road looking westward

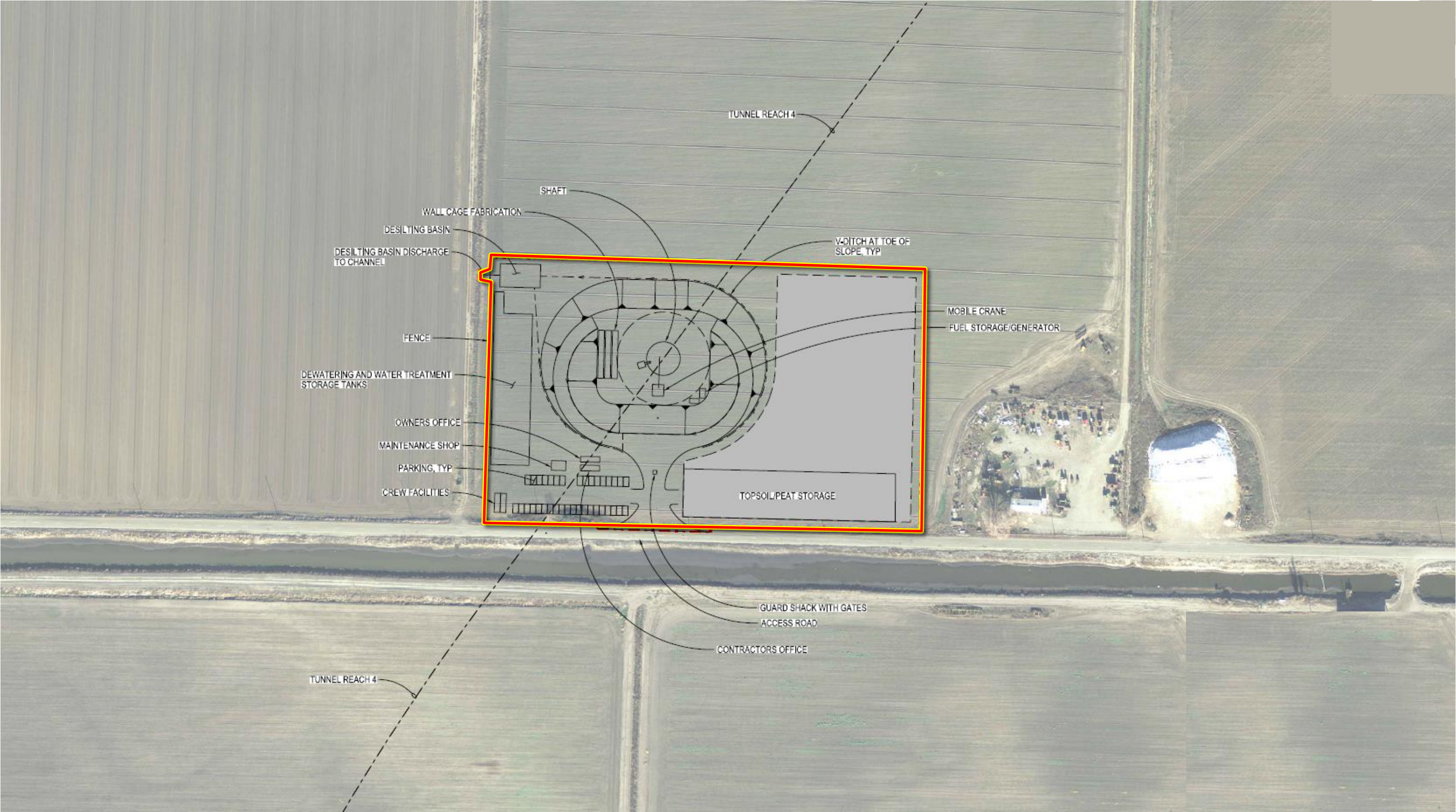
Lower Roberts Island Launch Shaft Site Access Routes



Upper Jones Maintenance Shaft Site Aerial, Construction Impact Area



Upper Jones Maintenance Shaft Site Layout, Construction Impact Area

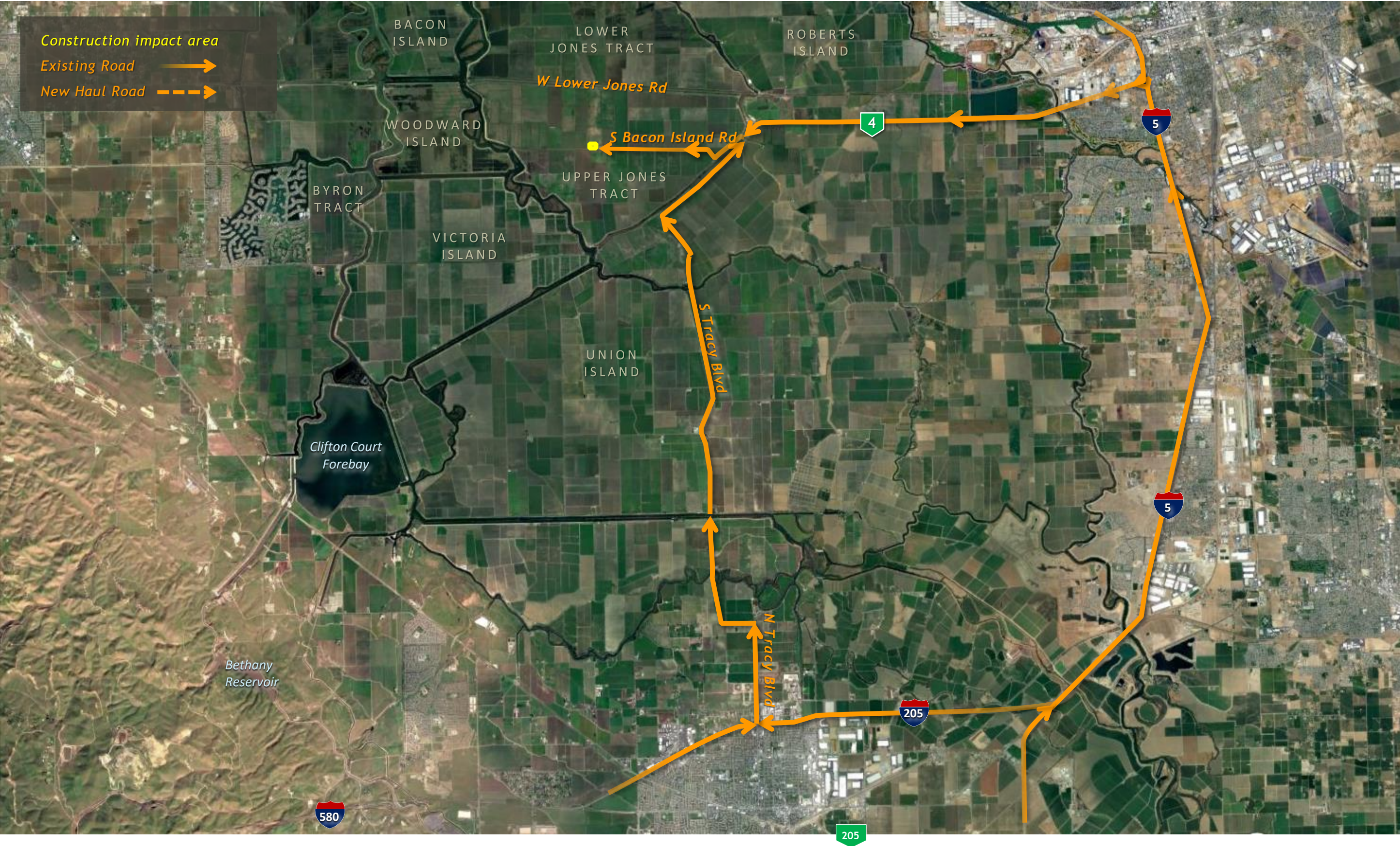


Upper Jones Maintenance Shaft Site Photos



Photo taken from Bacon Island Road looking northeastern

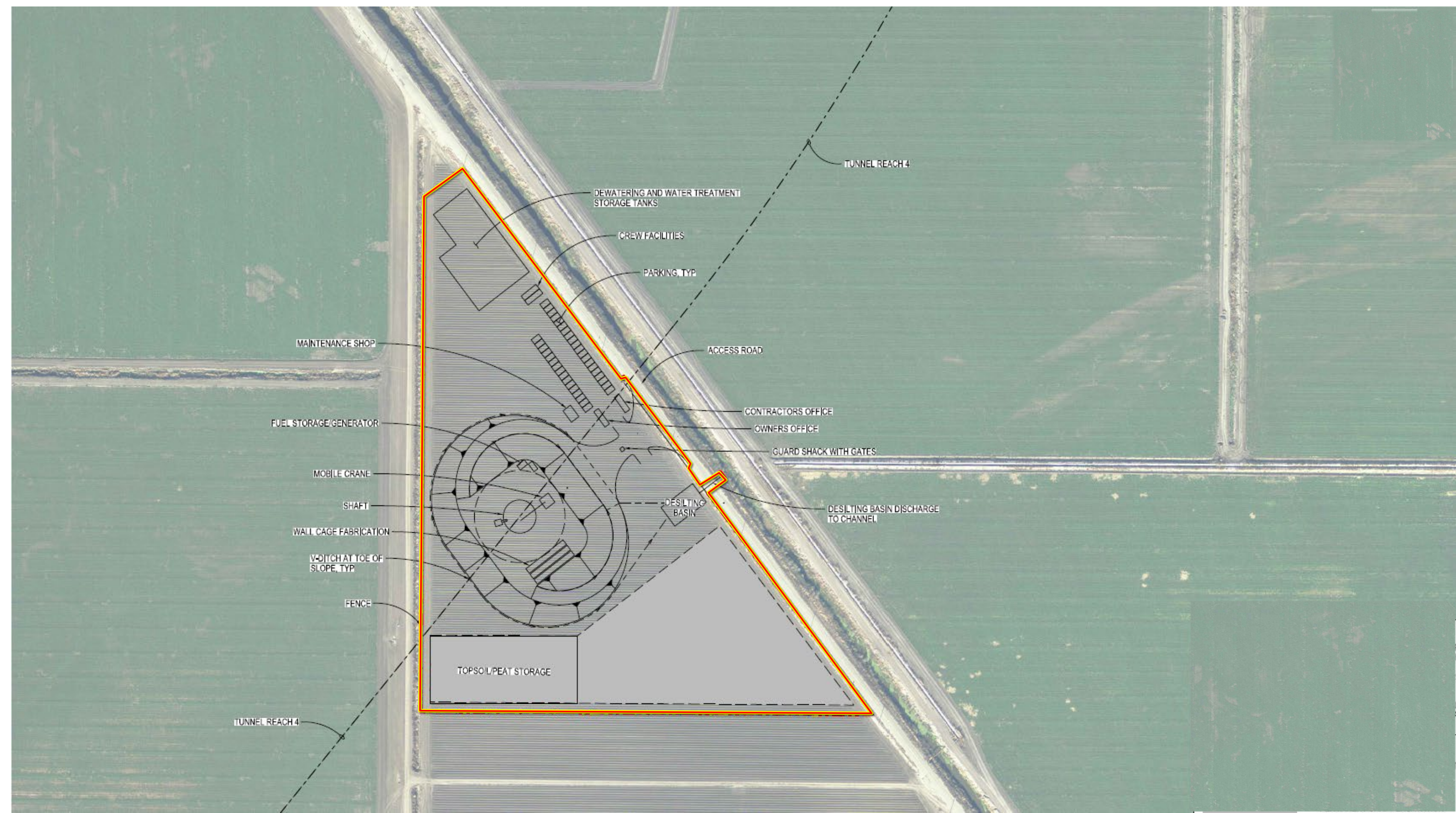
Upper Jones Maintenance Shaft Site Access Routes



Union Island Maintenance Shaft Site Aerial, Construction Impact Area



Union Island Maintenance Shaft Site Layout, Construction Impact Area



Union Island Maintenance Shaft Site Photos

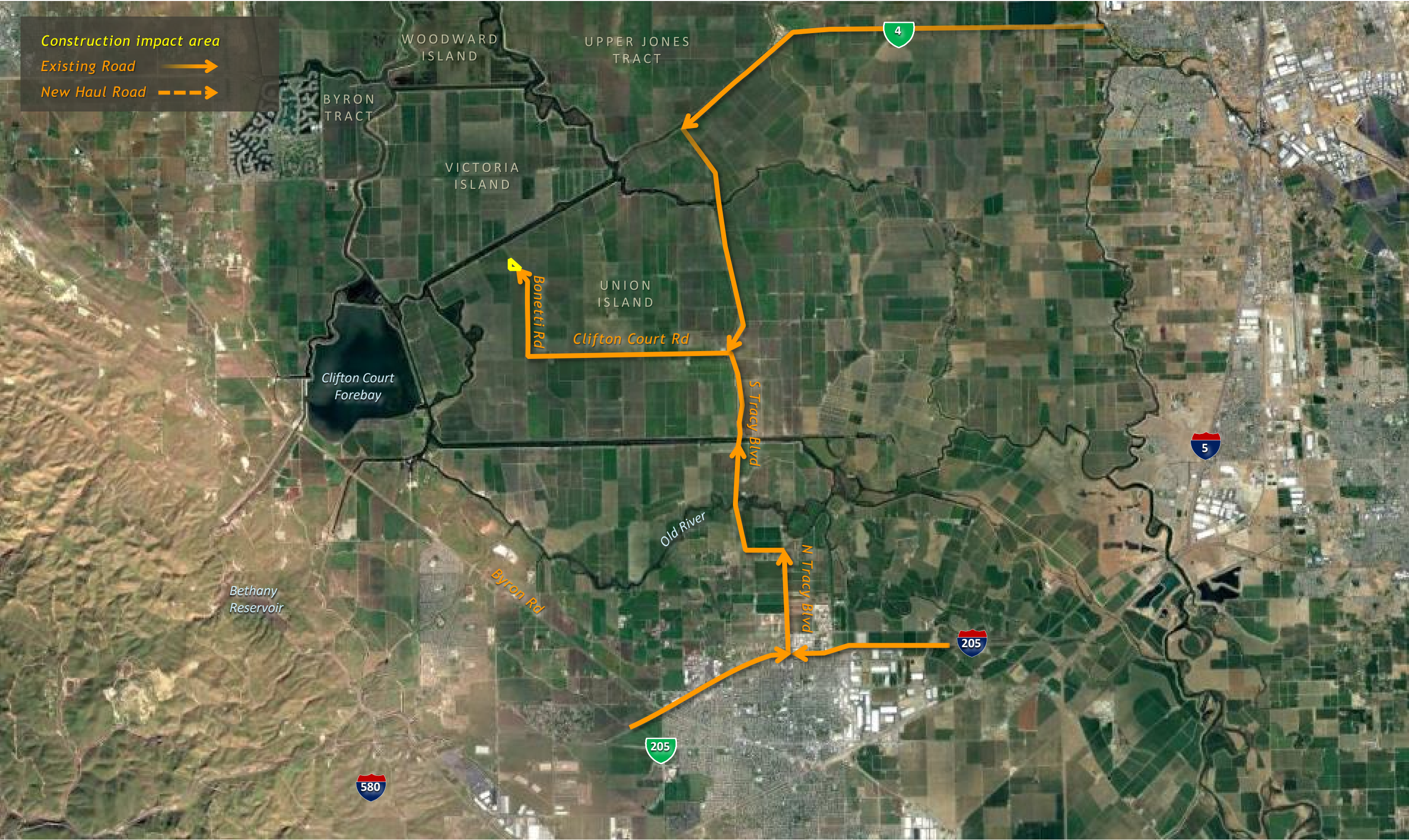


Photo taken from Bonetti Road looking southwest



Photo taken from Bonetti Road looking northwest

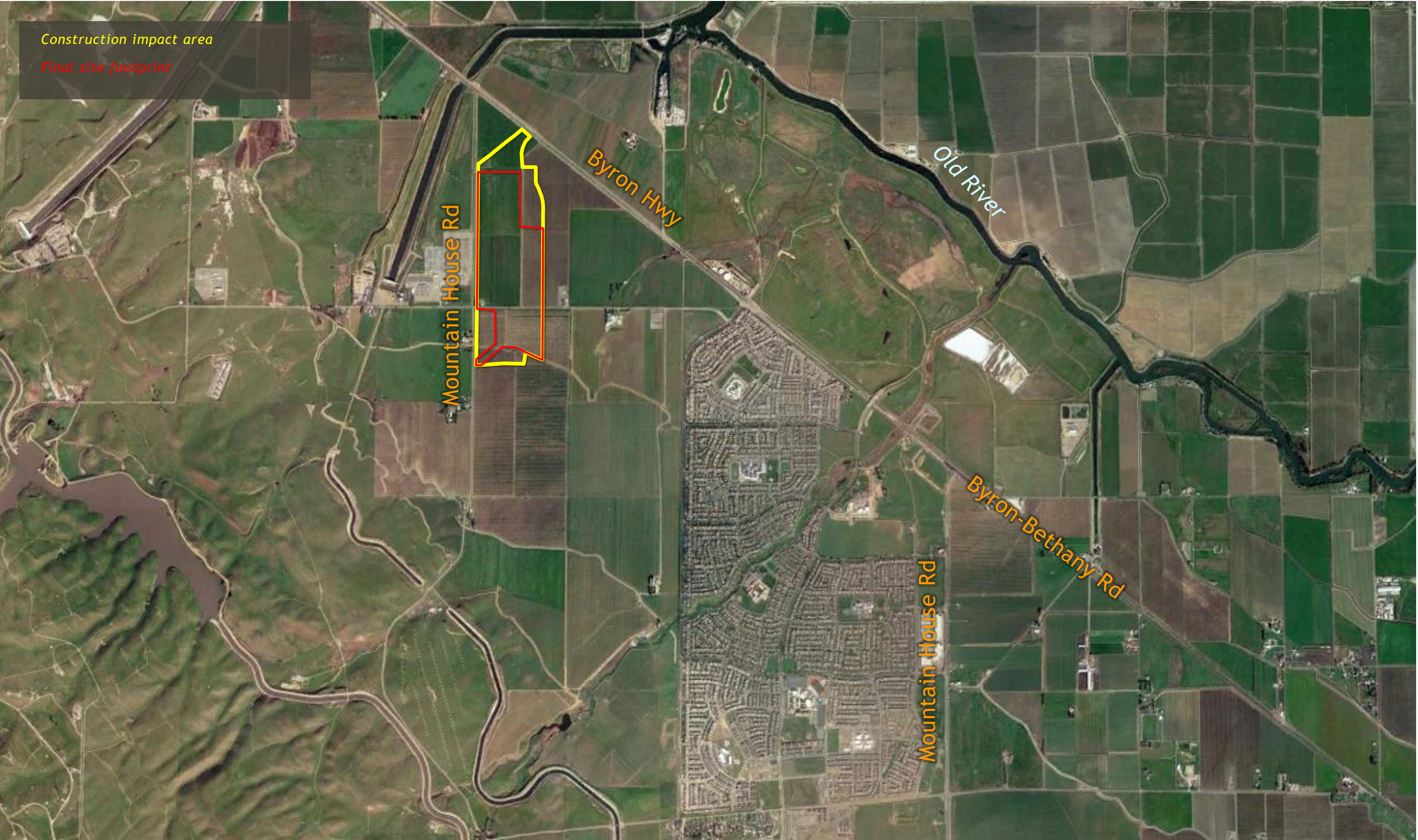
Union Island Maintenance Shaft Site Access Routes



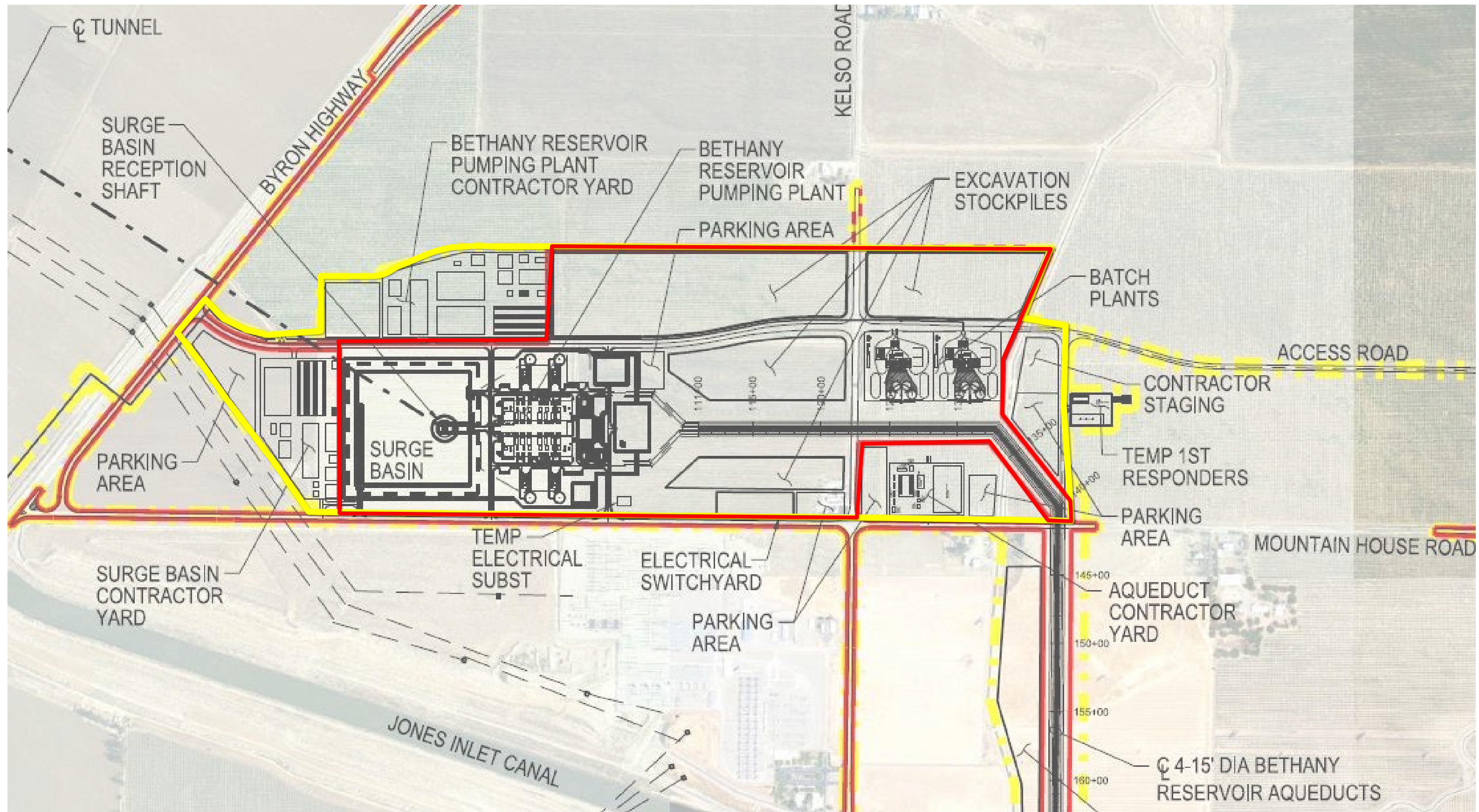
Surge Basin and Pumping Plant Typical, Rendering



Surge Basin and Pumping Plant Site Aerial, Construction Impact Area



Surge Basin and Pumping Plant Site Layout, Construction Impact Area

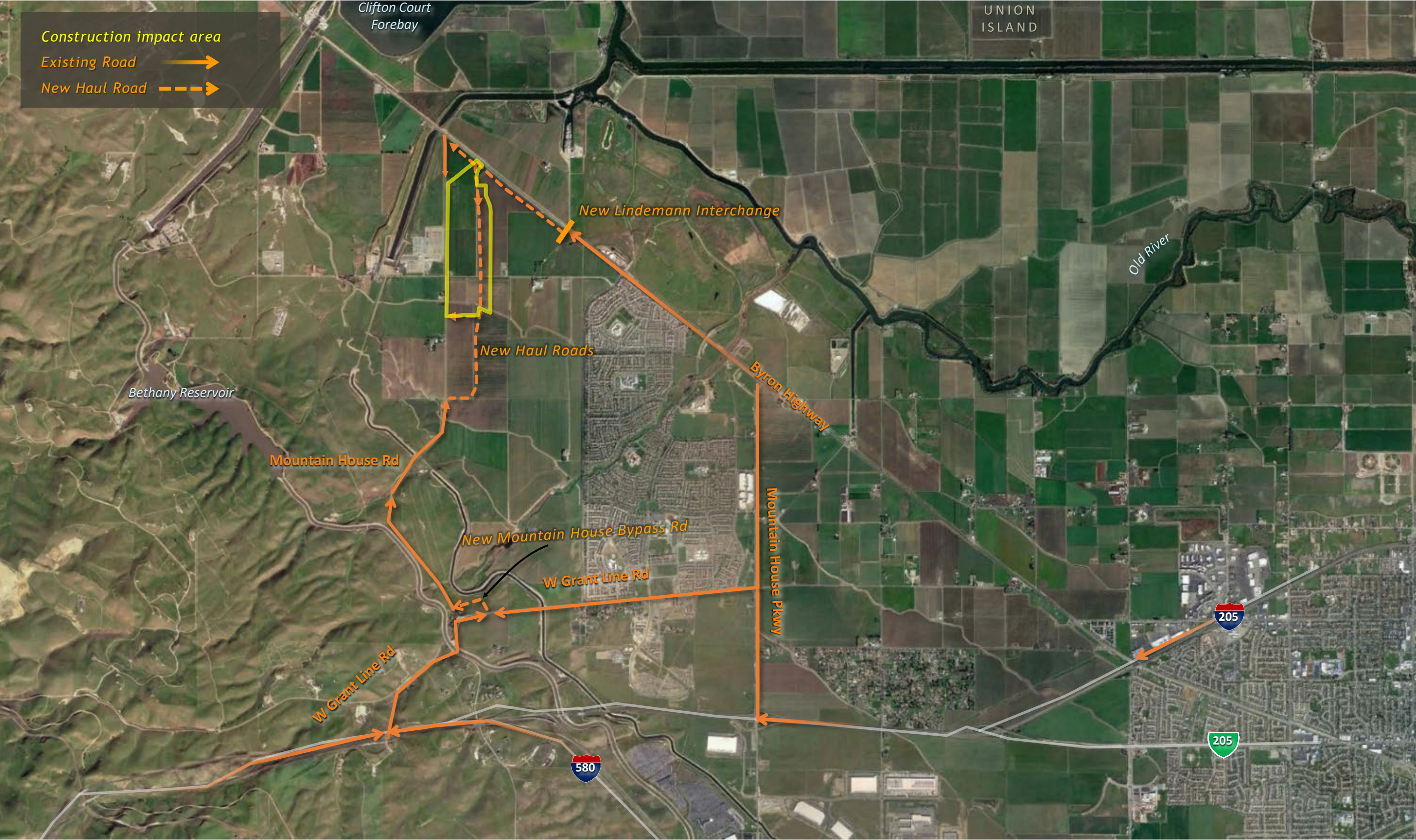


Surge Basin and Pumping Plant Site Photos

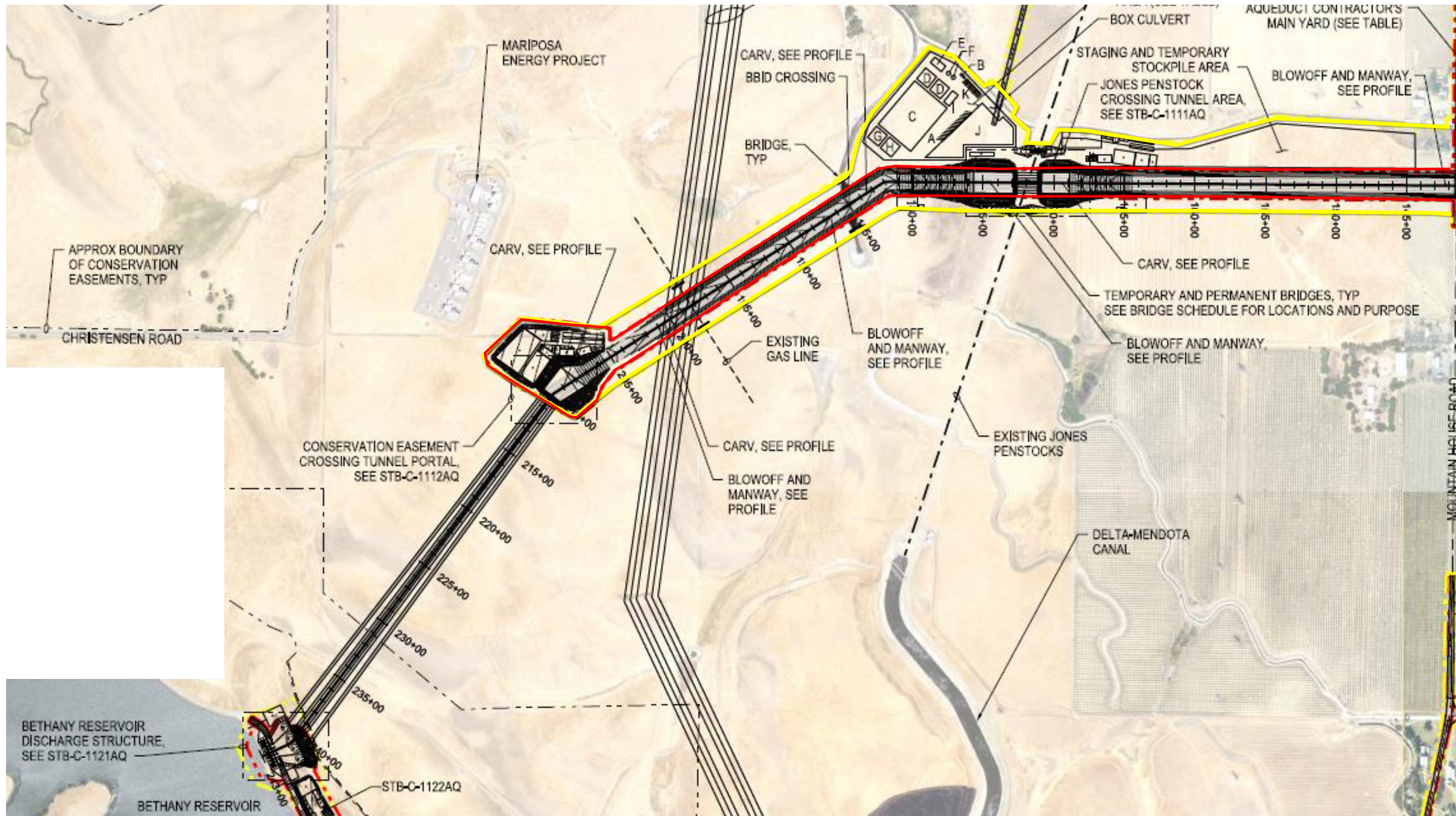


Photo taken from Kelso Road looking north

Surge Basin and Pumping Plant Site Access Routes



Bethany Reservoir Aqueduct Site Layout, Construction Impact Area



Bethany Reservoir Aqueduct Site Photos



Photo taken near Bethany Reservoir (at potential Bethany Reservoir Discharge Structure location) facing northeast



Photo taken from Bruns Road facing east

Bethany Reservoir Aqueduct Site Photos

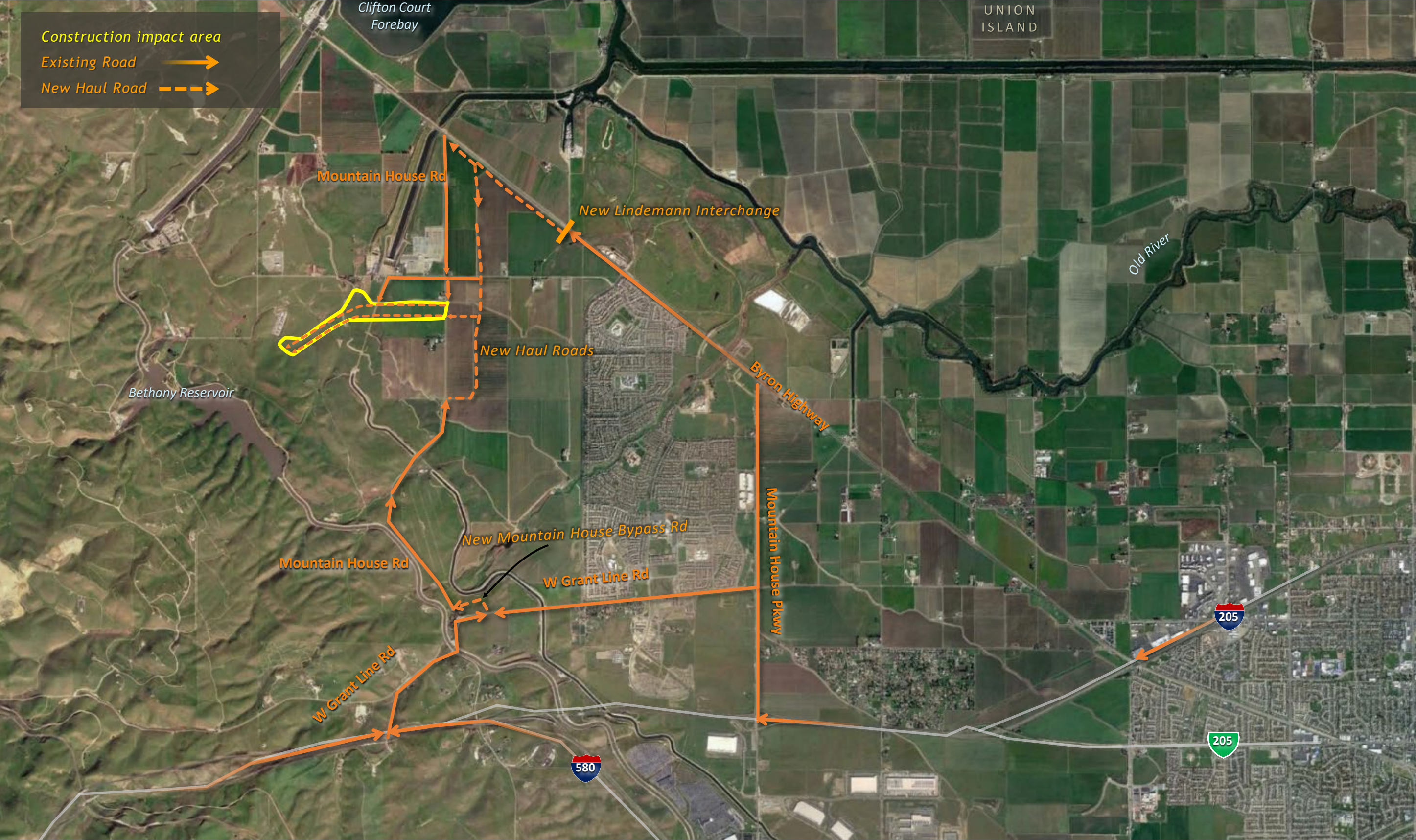


Photo taken from Kelso Road facing south



Photo taken from Mountain House Road facing west

Bethany Reservoir Aqueduct Site Access Routes



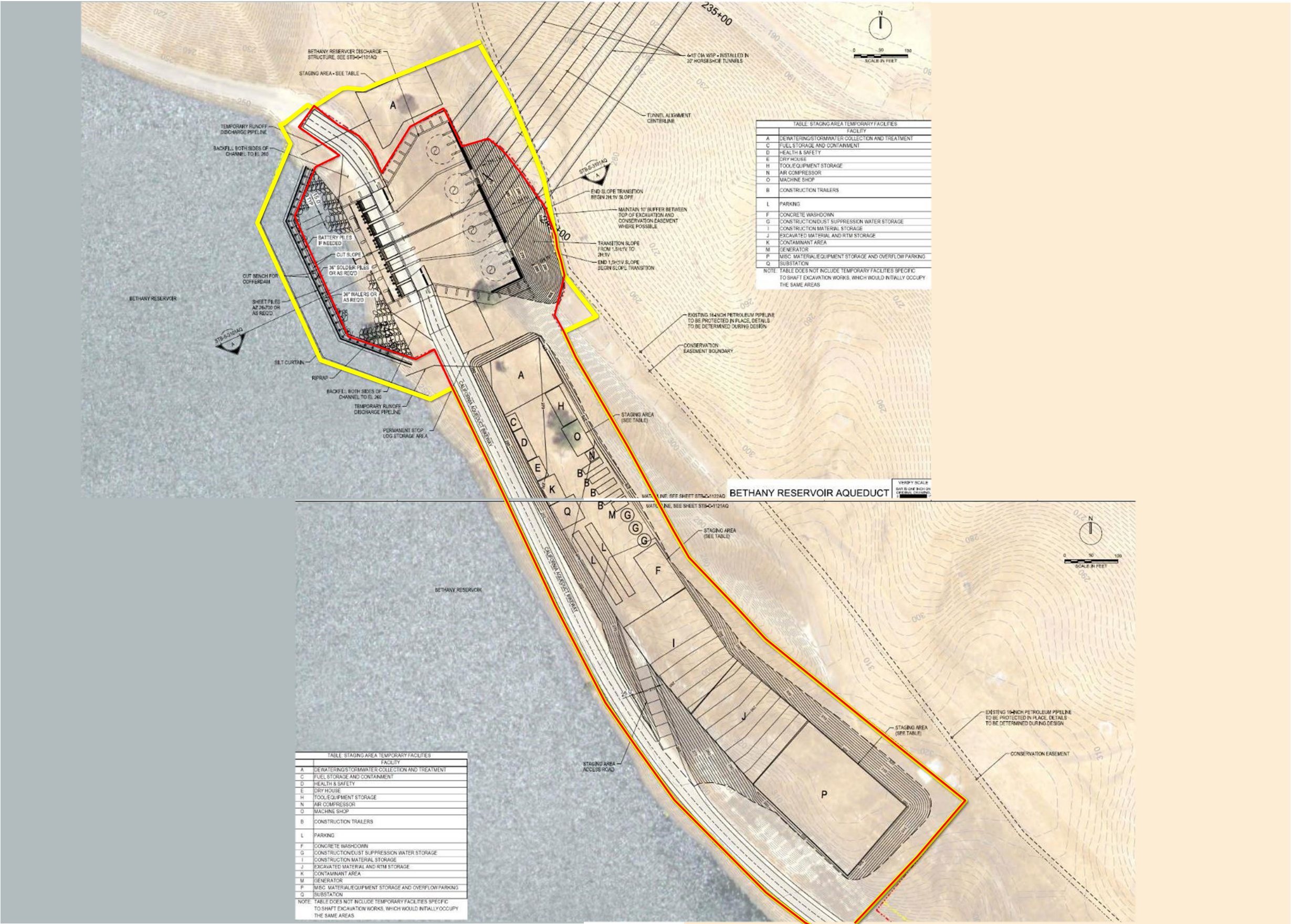
Bethany Reservoir Discharge Structure Typical, Rendering



Bethany Reservoir Discharge Structure Site Aerial, Construction Impact Area



Bethany Reservoir Discharge Structure Site Layout, Construction Impact Area



Bethany Reservoir Discharge Structure Site Photos



Photos taken at eastern side of Bethany Reservoir facing west



Bethany Reservoir Discharge Structure Site Access Routes





DCA

DELTA CONVEYANCE DESIGN
& CONSTRUCTION AUTHORITY



August 2021

Revised Delta Conveyance Site Book

NORTH INTAKES & SHAFTS

CENTRAL ALIGNMENT

EASTERN ALIGNMENT

SOUTHERN COMPLEX

BETHANY ALTERNATIVE