

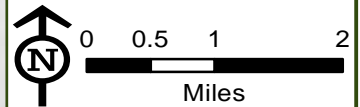


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

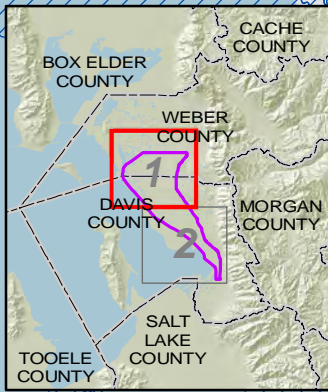
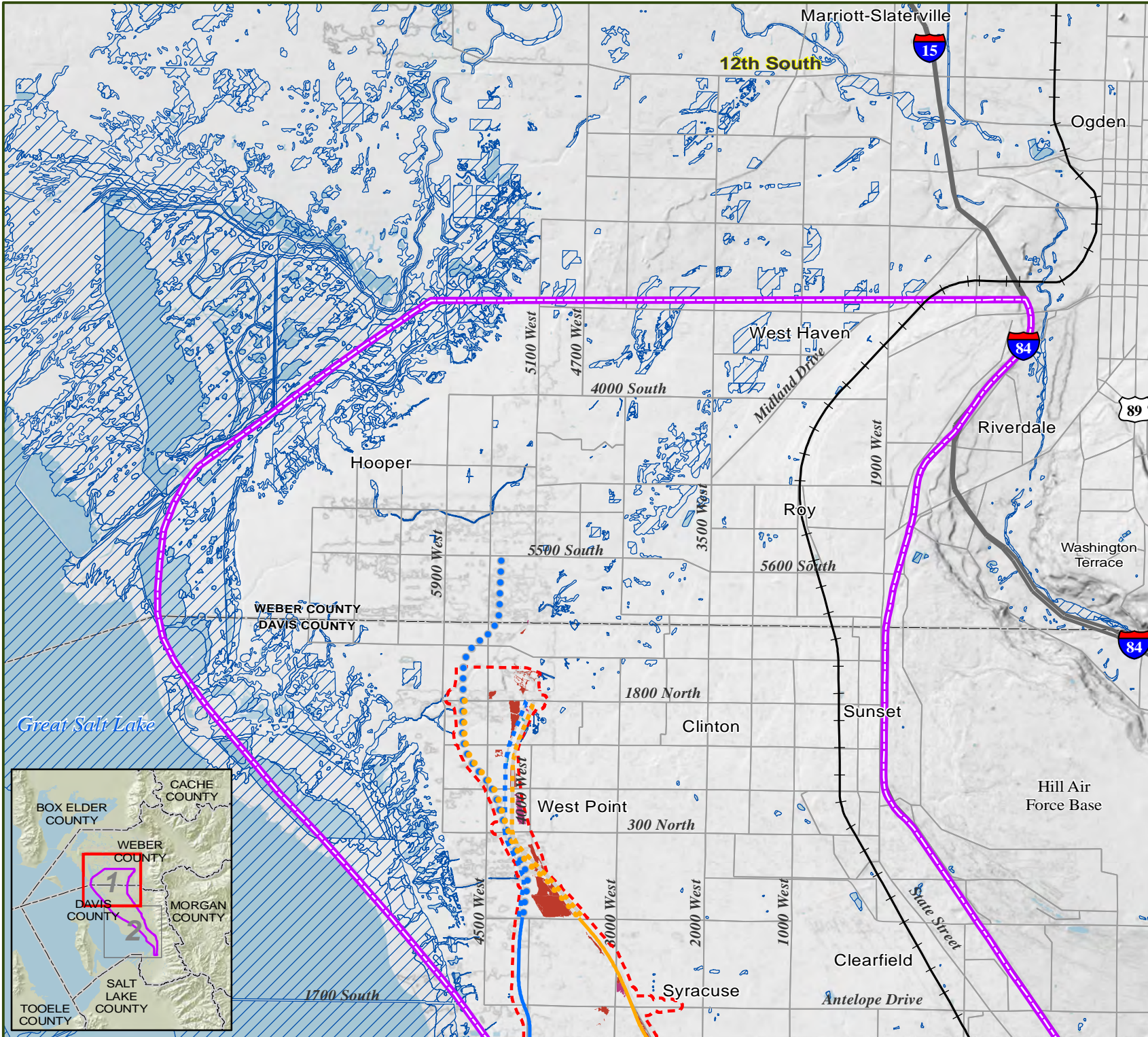
- Functional Assessment Rating
- I (Light Blue)
 - II (Purple)
 - III (Red)
- Functional Assessment Area (Dashed Red Line)
- Alternative A1 and A2 (Blue Line)
- Alternative B1 and B2 (Yellow Line)
- Alternative A2 (Blue Dotted Line)
- Alternative A1 (Blue Dashed Line)
- Alternative B2 (Yellow Dotted Line)
- Alternative B1 (Yellow Dashed Line)
- FrontRunner (Black Line with Tick Marks)
- Other Wetland (Previously surveyed and NWI wetlands) (Blue Hatched Area)
- Study Area Boundary (Purple Dashed Line)



Wetlands by Overall Quality Rating

Figure 1 of 2

Figure 14-1



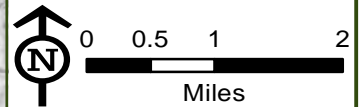


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

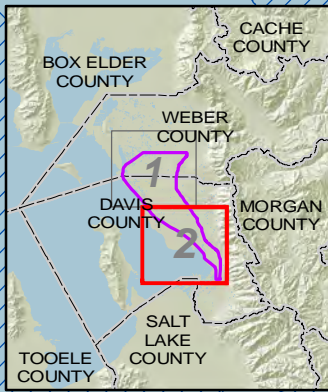
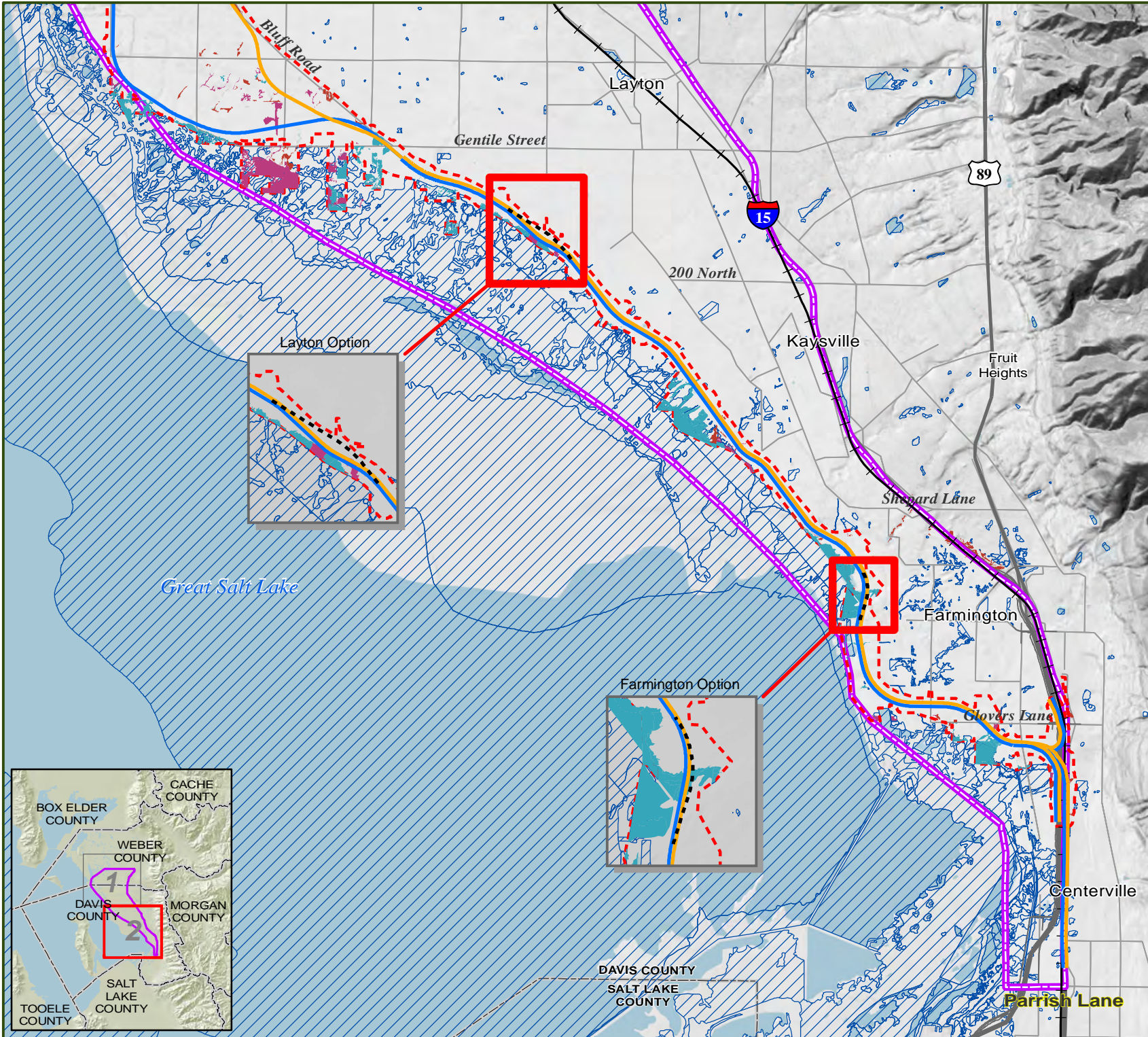
- Functional Assessment Rating
- I (Teal)
 - II (Purple)
 - III (Red)
- Functional Assessment Area (Dashed red line)
- Alternative A1 and A2 (Blue line)
- Alternative B1 and B2 (Yellow line)
- Alternative A2 (Blue dots)
- Alternative A1 (Blue squares)
- Alternative B2 (Yellow circles)
- Alternative B1 (Yellow squares)
- FrontRunner (Black line with cross-ticks)
- Other Wetland (Previously surveyed and NWI wetlands) (Blue hatched area)
- Study Area Boundary (Purple dashed line)



Wetlands by Overall Quality Rating

Figure 2 of 2

Figure 14-2



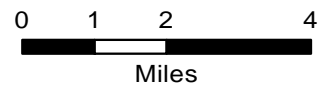


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

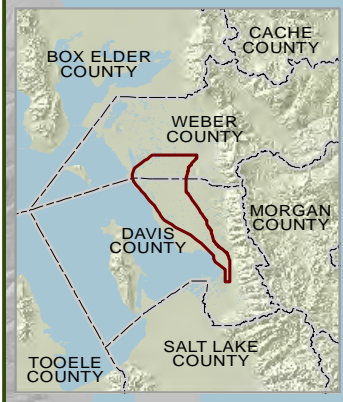
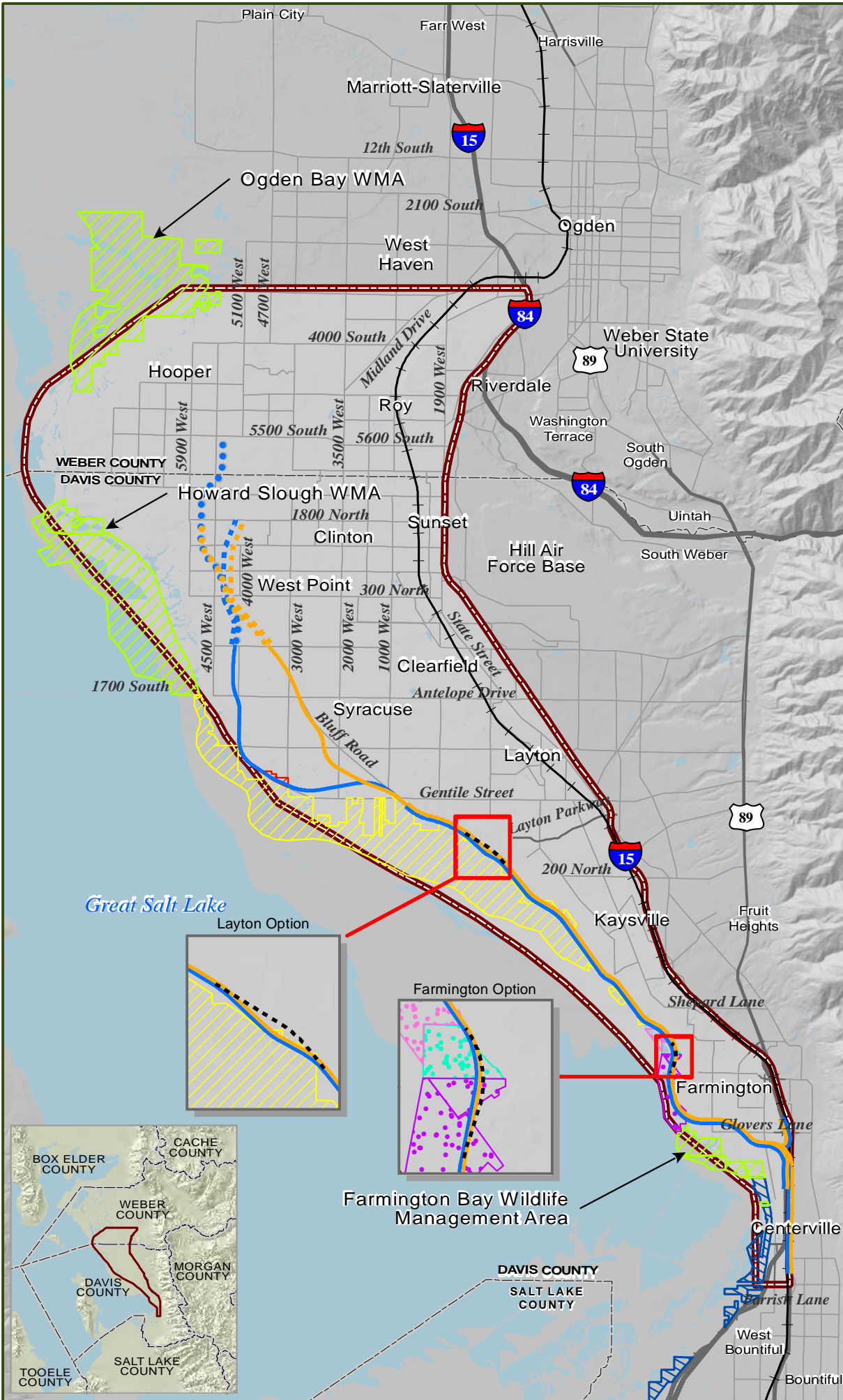
Legend

- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- Wetland Avoidance Option - All Alternatives
- FrontRunner
- Farmington Ranches Conservation Easement (Farmington City)
- Farmington Meadows Conservation Easement (Farmington City)
- Hunters Creek Conservation Easement (Farmington City)
- Black Agriland Conservation Easement (State of Utah)
- Great Salt Lake Shorelands Preserve (TNC & URMCC)
- Wildlife Management Area/State Wildlife Reserve
- Legacy Nature Preserve Management Area
- Study Area Boundary
- County Boundary



Wildlife Management and Conservation Areas

Figure 14-3



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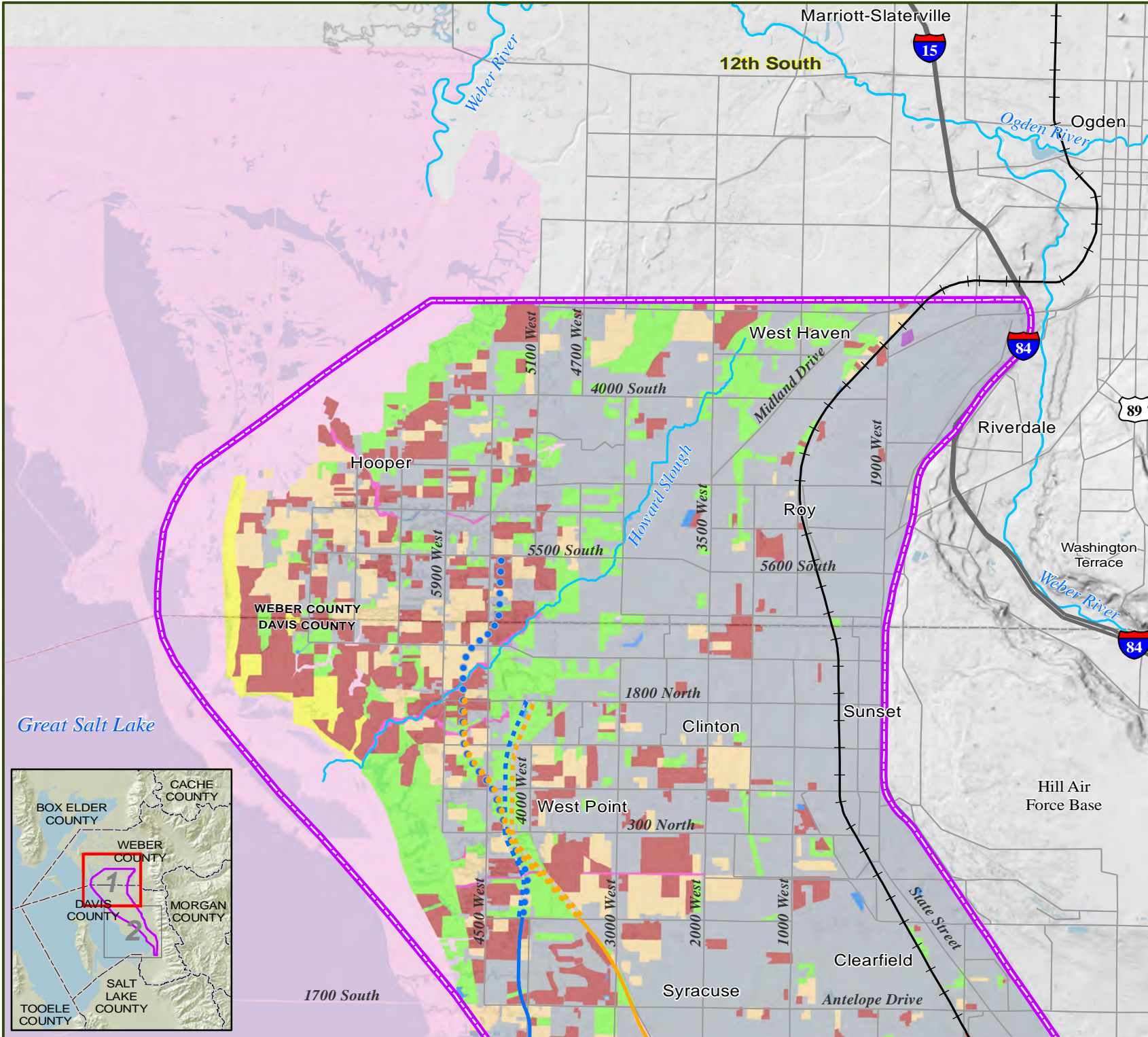


WEST DAVIS CORRIDOR

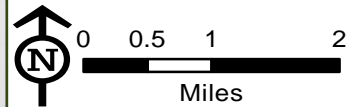
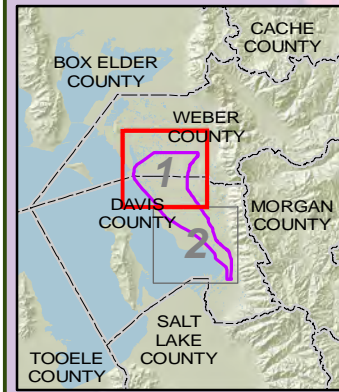
ENVIRONMENTAL IMPACT STATEMENT

Legend

- Alternative A1 and A2
 - Alternative B1 and B2
 - Alternative A2
 - Alternative A1
 - Alternative B2
 - Alternative B1
 - FrontRunner
- Habitat by Type*
- Crop
 - Hayfield
 - Marsh
 - Pasture
 - Playa
 - Riparian
 - Shrubland
 - Urban
 - Waters
- Study Area Boundary



Great Salt Lake



Wildlife by Habitat Type

Figure 1 of 2

Figure 14-4



WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

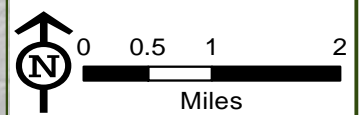
Legend

- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- - - - Wetland Avoidance Option - All Alternatives
- + + + + FrontRunner

Habitat by Type

- Crop
- Hayfield
- Marsh
- Pasture
- Playa
- Riparian
- Shrubland
- Urban
- Waters

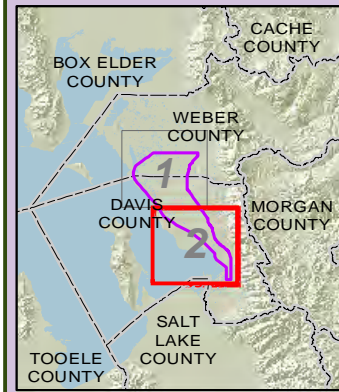
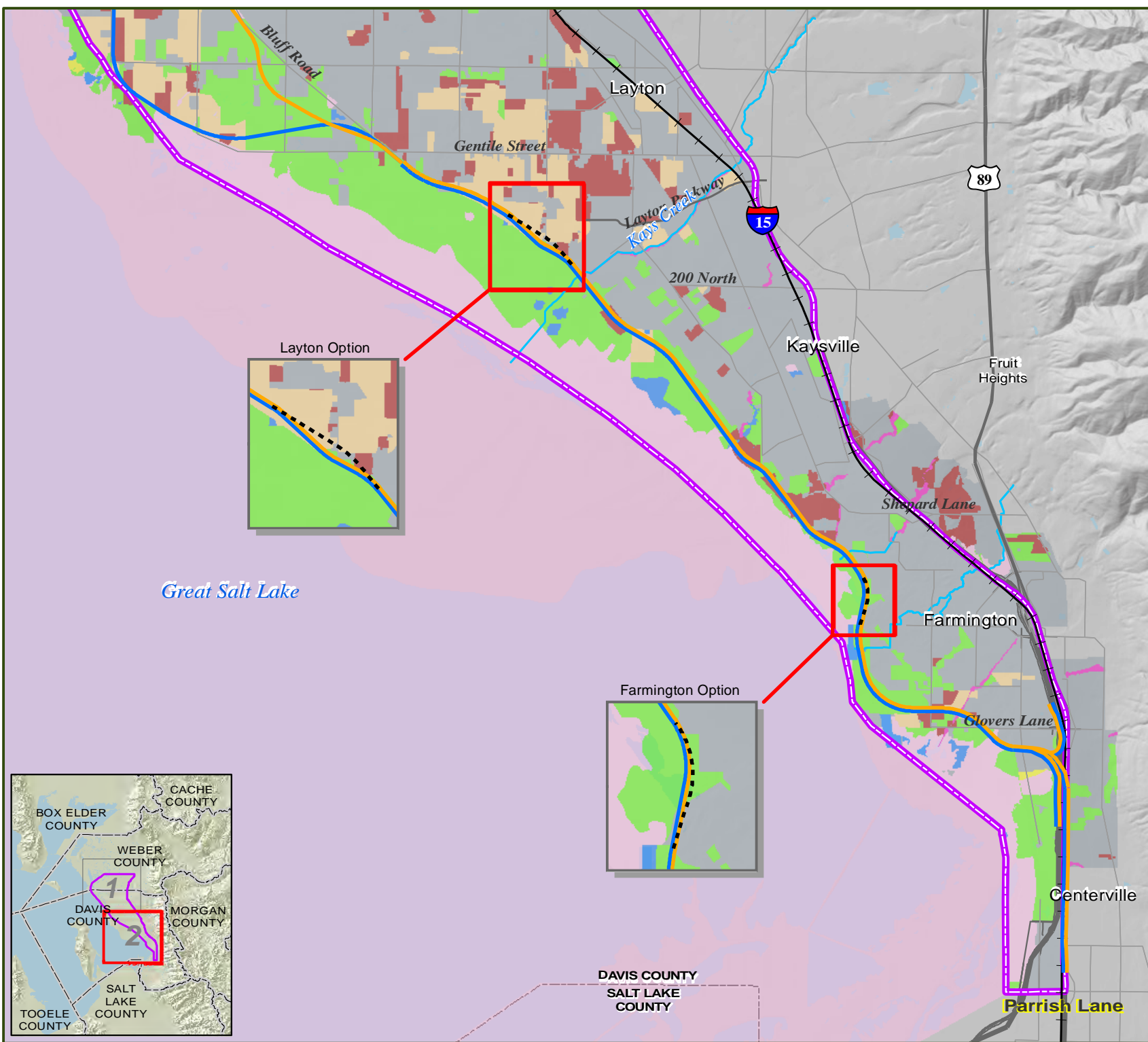
 Study Area Boundary



Wildlife by Habitat Type

Figure 2 of 2

Figure 14-5



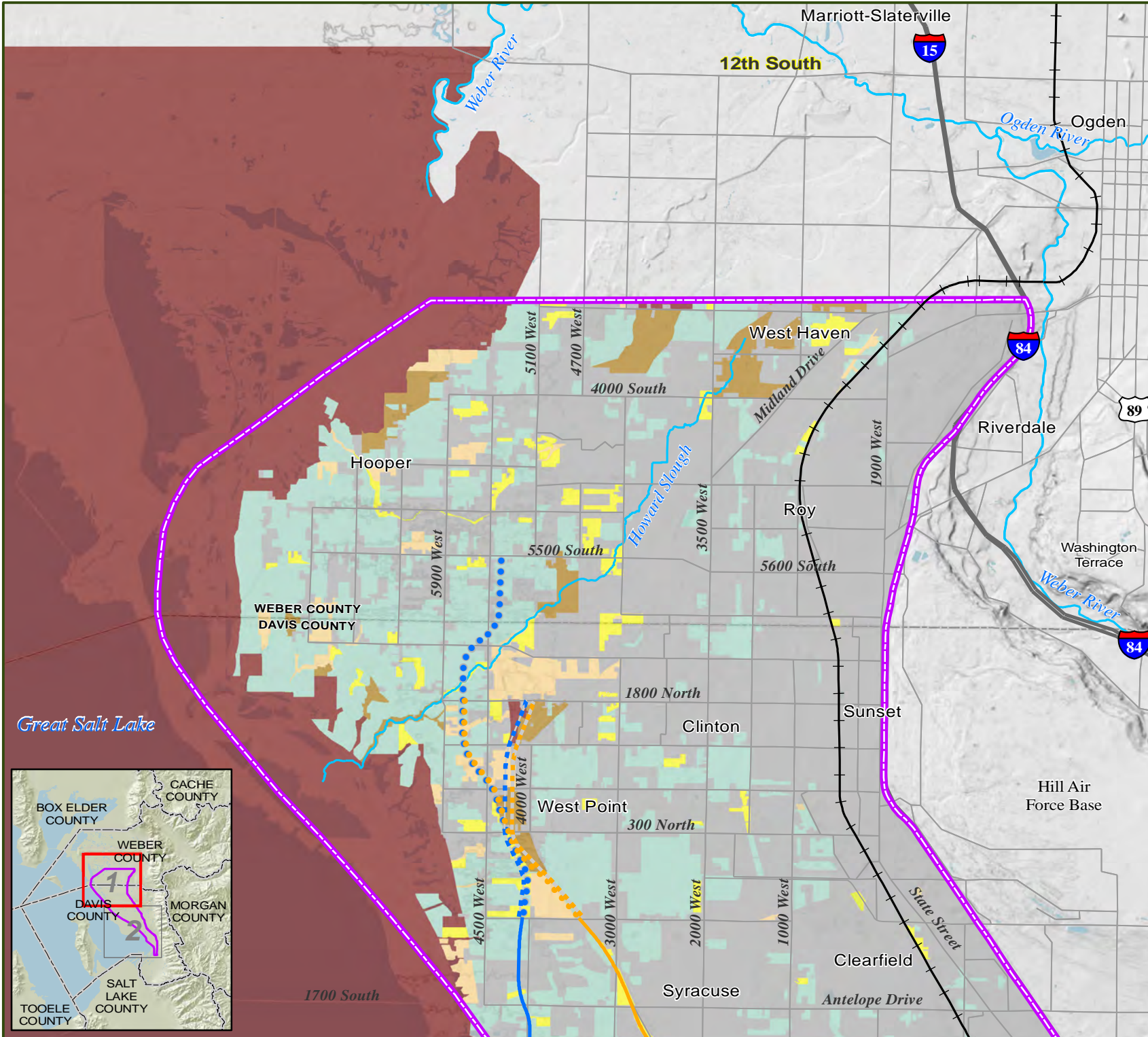


WEST DAVIS CORRIDOR

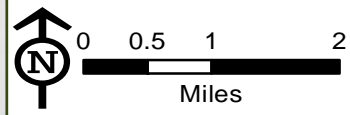
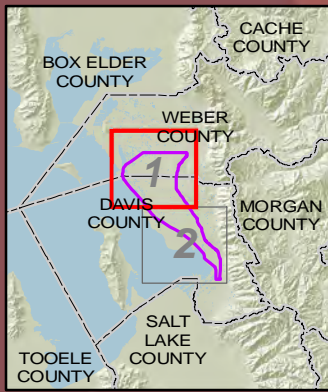
ENVIRONMENTAL IMPACT STATEMENT

Legend

- FrontRunner
- Habitat Quality Rank
 - None
 - Very Low
 - Low
 - Medium
 - Medium-High
 - High
- Study Area Boundary
- County Boundary



Great Salt Lake



Wildlife by Habitat Quality Ranking
Figure 1 of 2

Figure 14-6

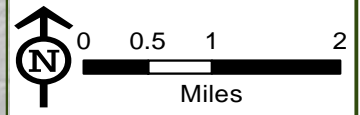


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

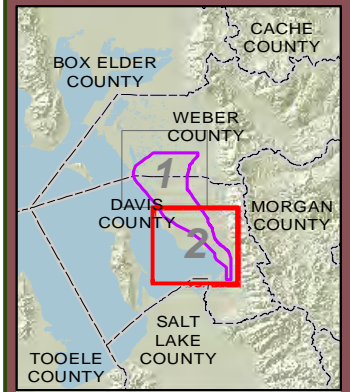
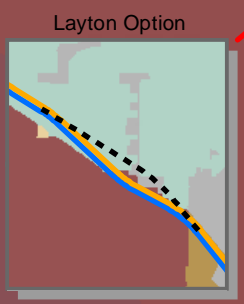
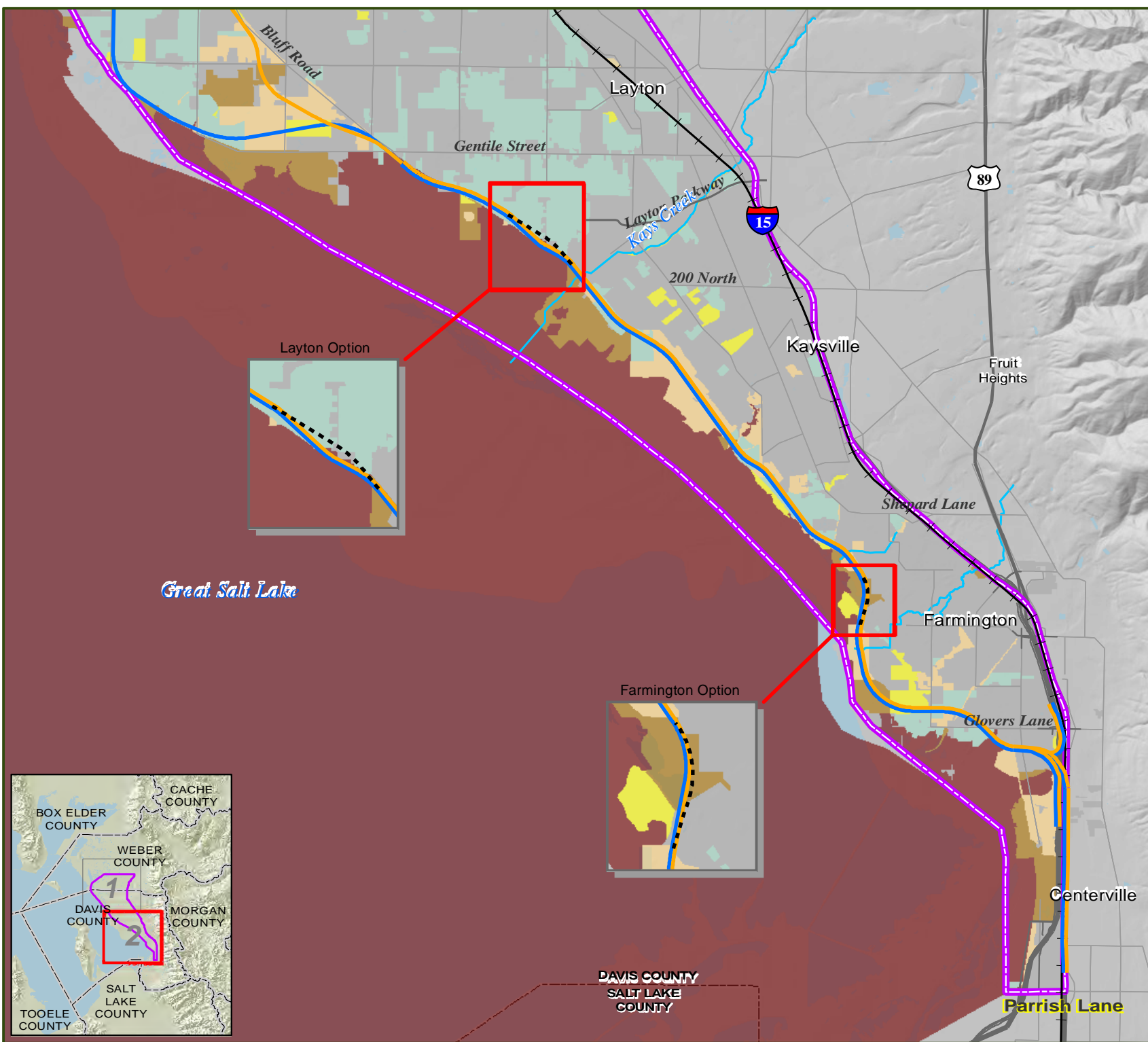
Legend

- Alternative A1 and A2
 - Alternative B1 and B2
 - Alternative A2
 - Alternative A1
 - Alternative B2
 - Alternative B1
 - - - - Wetland Avoidance Option - All Alternatives
 - + + + + FrontRunner
- Habitat Quality Rank**
- None
 - Very Low
 - Low
 - Medium
 - Medium-High
 - High
- Study Area Boundary
 - County Boundary



Wildlife by Habitat Quality Ranking
Figure 2 of 2

Figure 14-7



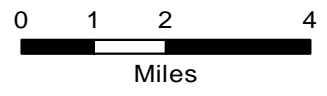
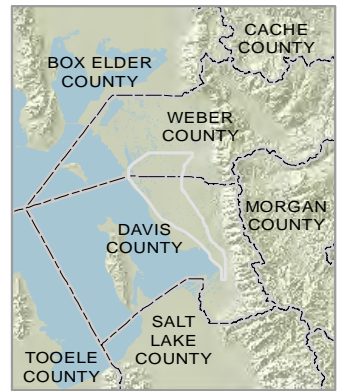
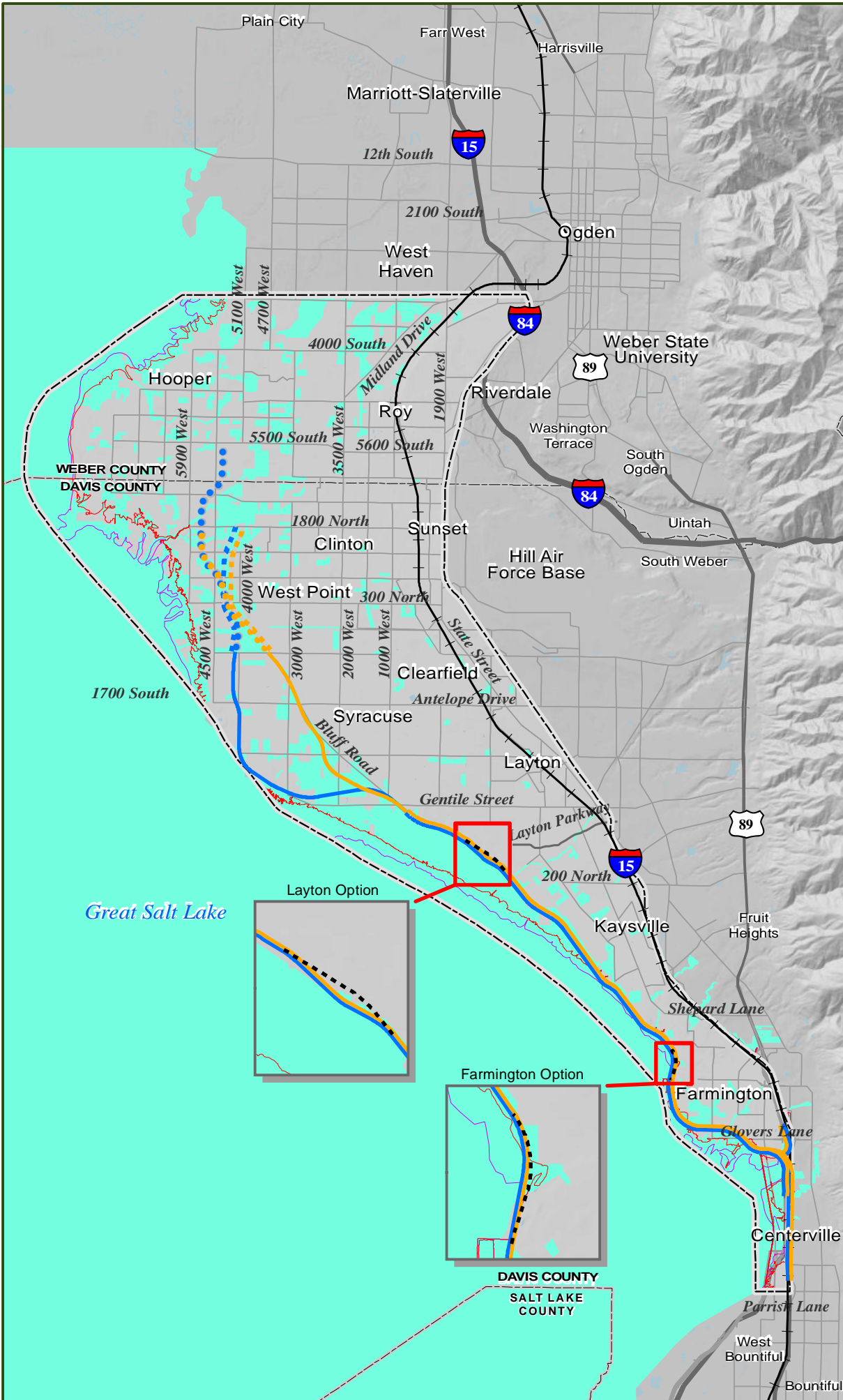


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- Wetland Avoidance Option - All Alternatives
- FrontRunner
- Lake Level: 4,217 Feet
- Lake Level: 4,209 Feet
- Wildlife Habitat
- Study Area Boundary
- County Boundary



Varying Lake Levels

Figure 14-8










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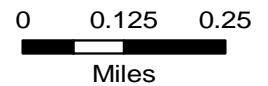
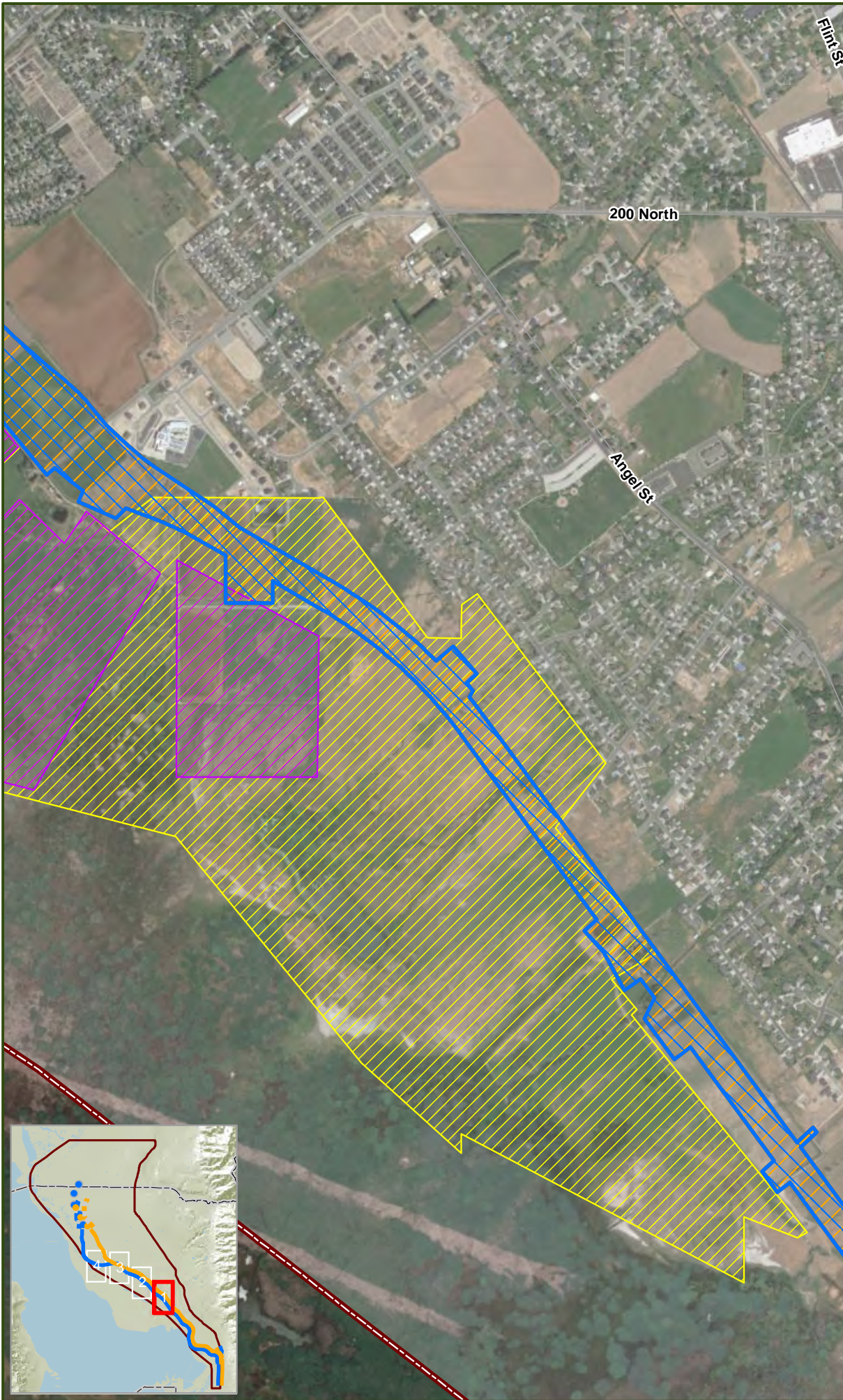


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

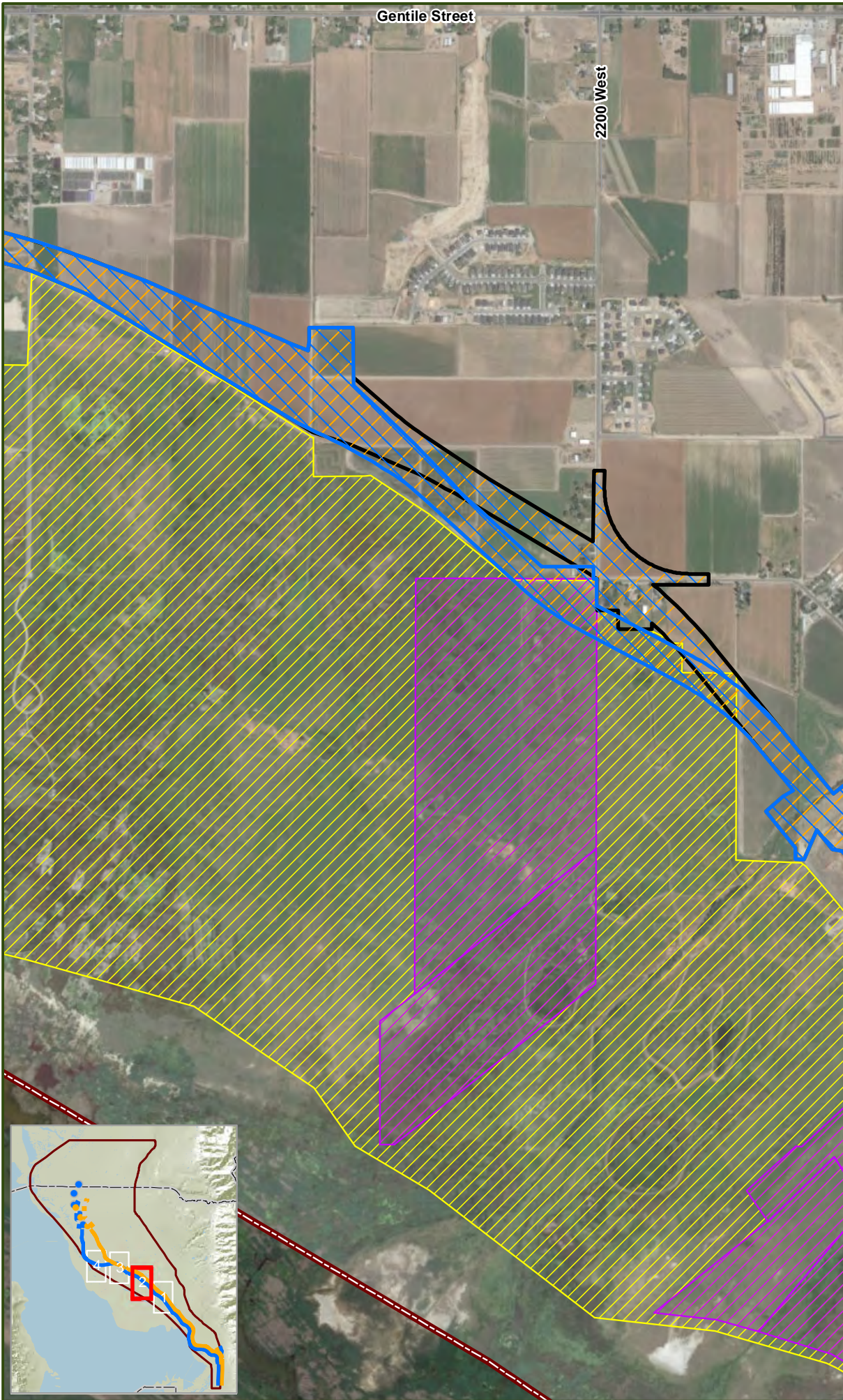
-  Black Agriland Conservation Easement (State of Utah)
-  URMCC
-  Great Salt Lake Shorelands Preserve (TNC)
-  A Alternative ROW
-  B Alternative ROW
-  Wetland Avoidance Option - All Alternatives
-  Study Area Boundary
-  County Boundary
-  FrontRunner



**The Nature
Conservancy and
URMCC Impact Areas**

Map 1 of 4

Figure 14-9



**WEST DAVIS
CORRIDOR**

ENVIRONMENTAL IMPACT STATEMENT

Legend

- Black Agriland Conservation Easement (State of Utah)
- URMCC
- Great Salt Lake Shorelands Preserve (TNC)
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- Study Area Boundary
- County Boundary
- FrontRunner



0 0.125 0.25
Miles

The Nature Conservancy and URMCC Impact Areas

Map 2 of 4










Figure 14-10

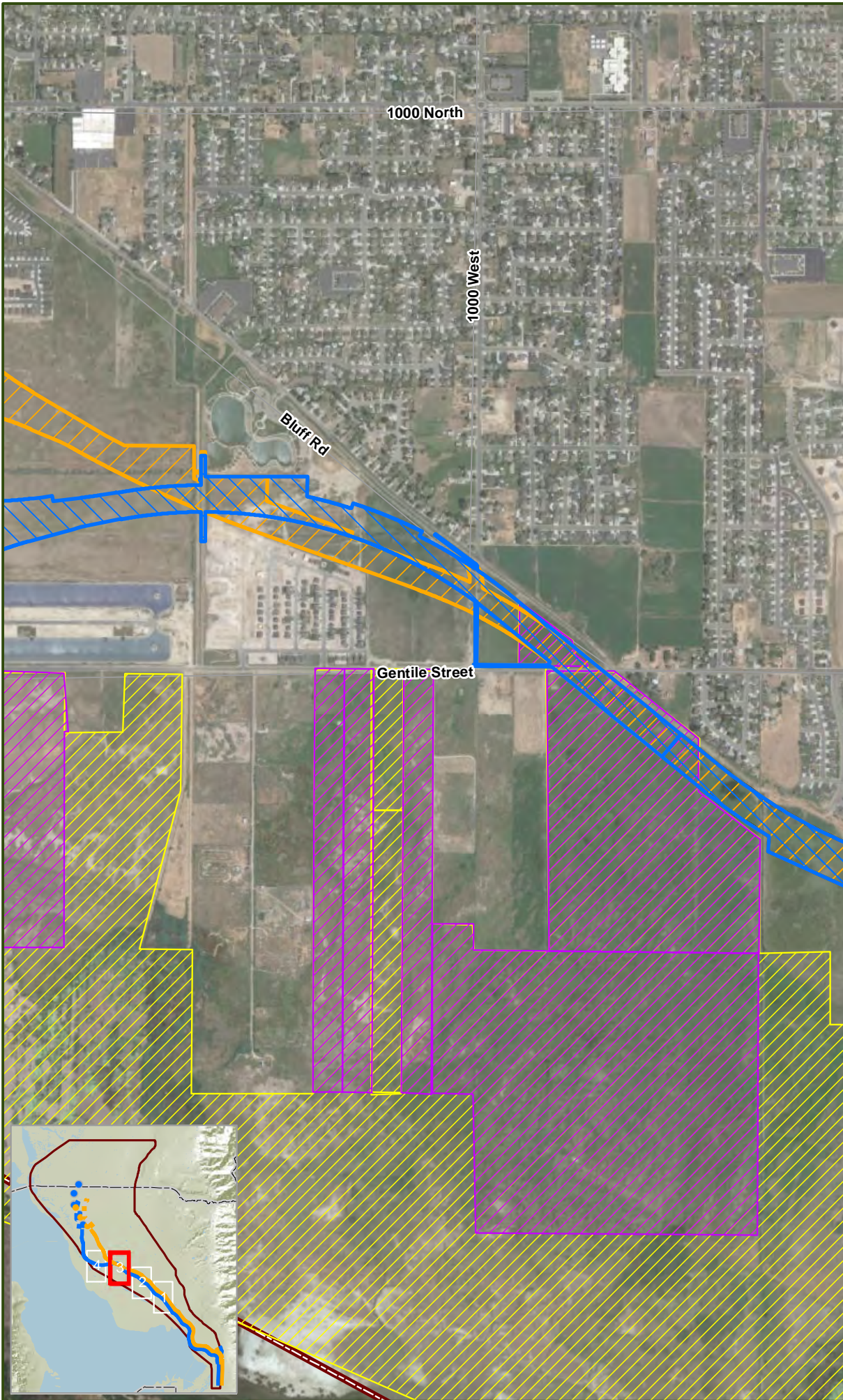


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

-  Black Agriland Conservation Easement (State of Utah)
-  URMCC
-  Great Salt Lake Shorelands Preserve (TNC)
-  A Alternative ROW
-  B Alternative ROW
-  Wetland Avoidance Option - All Alternatives
-  Study Area Boundary
-  County Boundary
-  FrontRunner



0 0.125 0.25
Miles

The Nature Conservancy and URMCC Impact Areas

Map 3 of 4










Figure 14-11

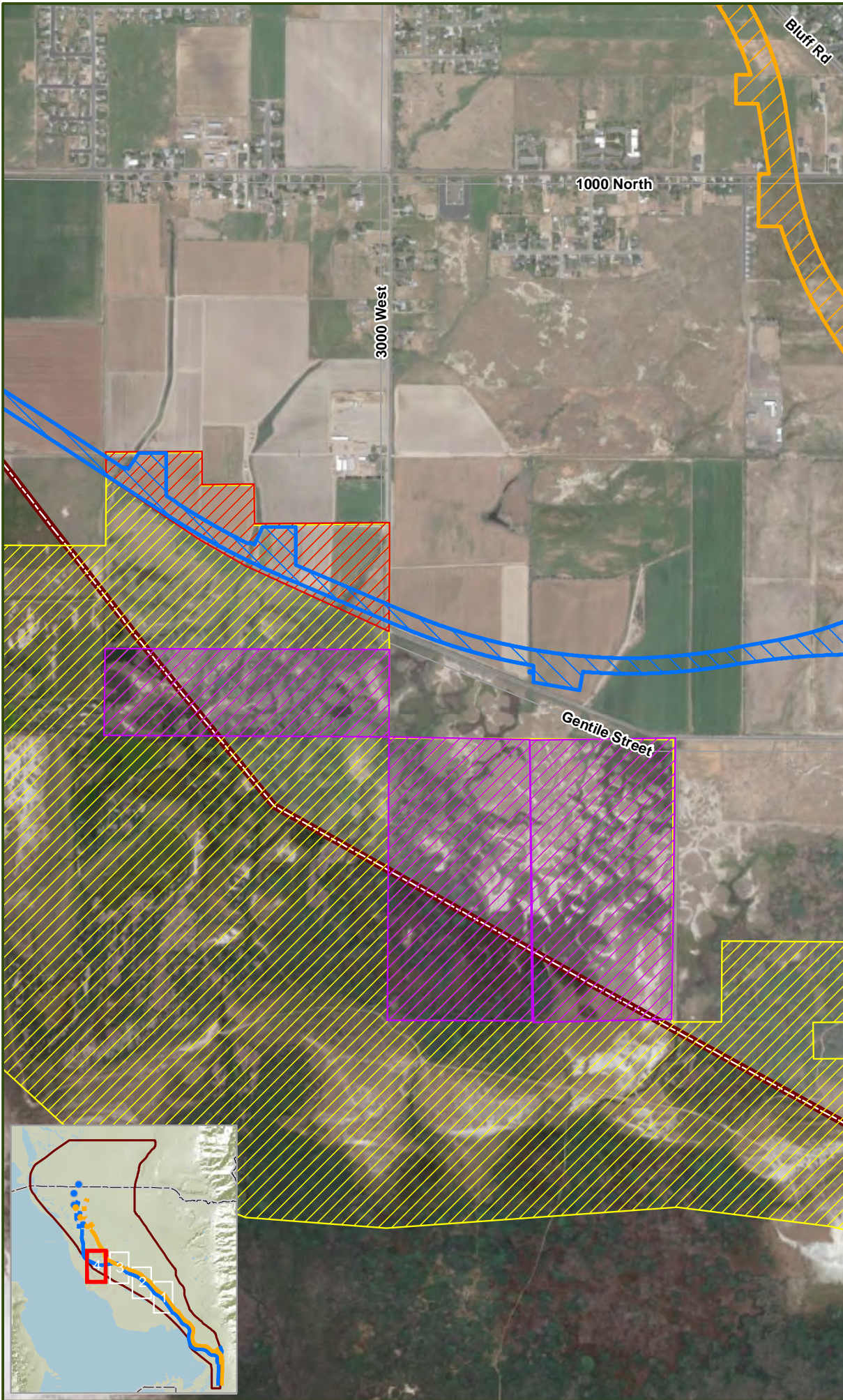


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

-  Black Agriland Conservation Easement (State of Utah)
-  URMCC
-  Great Salt Lake Shorelands Preserve (TNC)
-  A Alternative ROW
-  B Alternative ROW
-  Wetland Avoidance Option - All Alternatives
-  Study Area Boundary
-  County Boundary
-  FrontRunner



0 0.125 0.25
 Miles

The Nature Conservancy and URMCC Impact Areas

Map 4 of 4

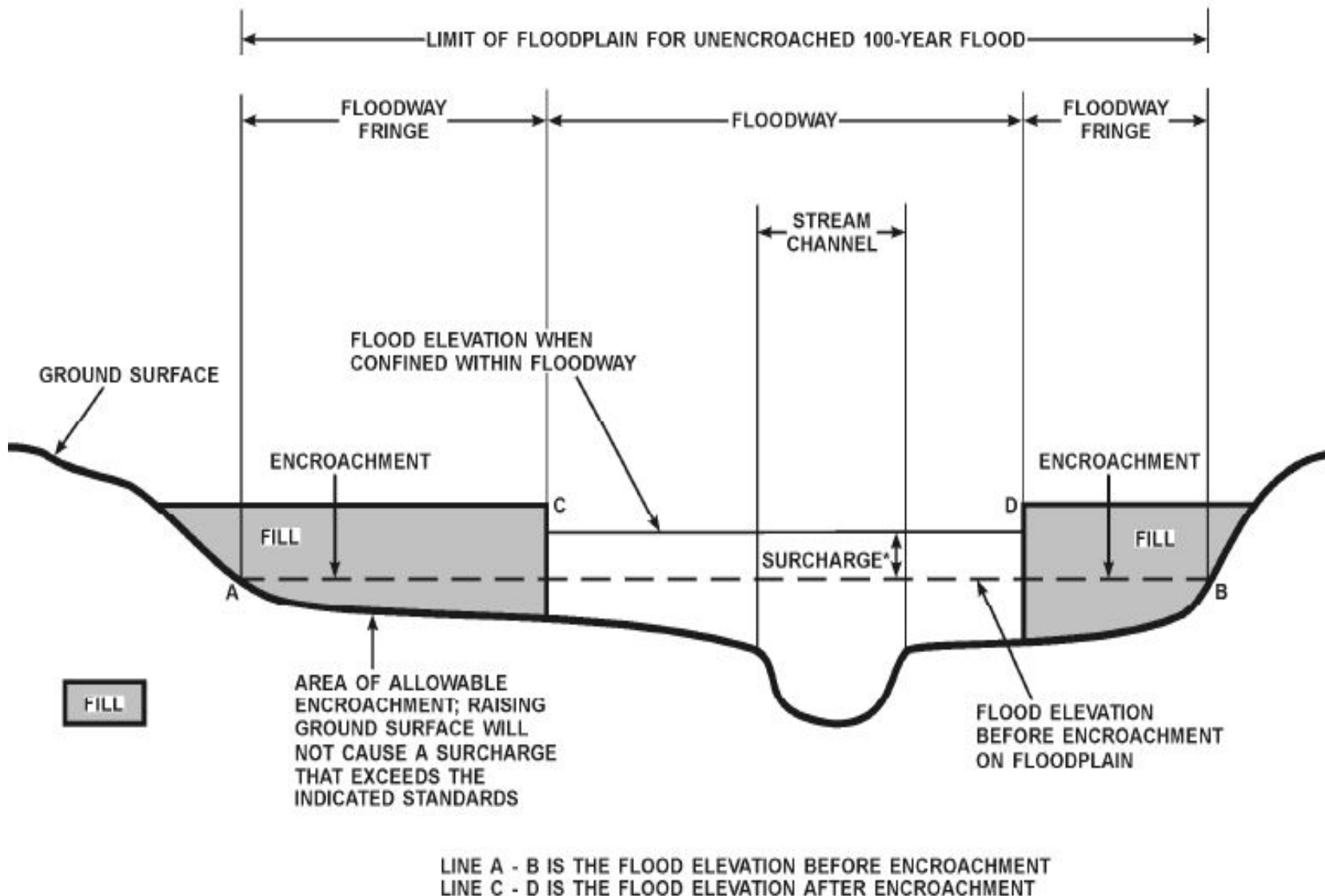
Figure 14-12



WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Source: FEMA 2012



LINE A - B IS THE FLOOD ELEVATION BEFORE ENCROACHMENT
LINE C - D IS THE FLOOD ELEVATION AFTER ENCROACHMENT

*SURCHARGE NOT TO EXCEED 1.0 FOOT (FEDERAL EMERGENCY MANAGEMENT AGENCY REQUIREMENT) OR LESSER HEIGHT IF SPECIFIED BY STATE.

**FEMA Floodplain
Schematic**

Figure 15-1

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WEST DAVIS CORRIDOR

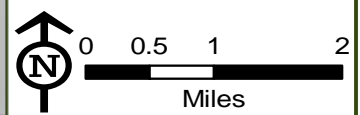
ENVIRONMENTAL IMPACT STATEMENT

Legend

- Alternative A1 and
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- FrontRunner

Flood Zone

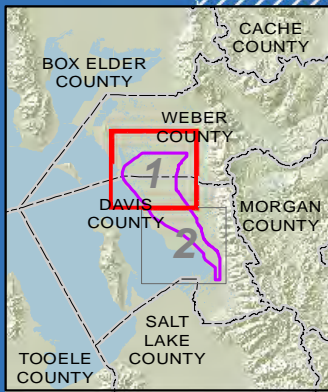
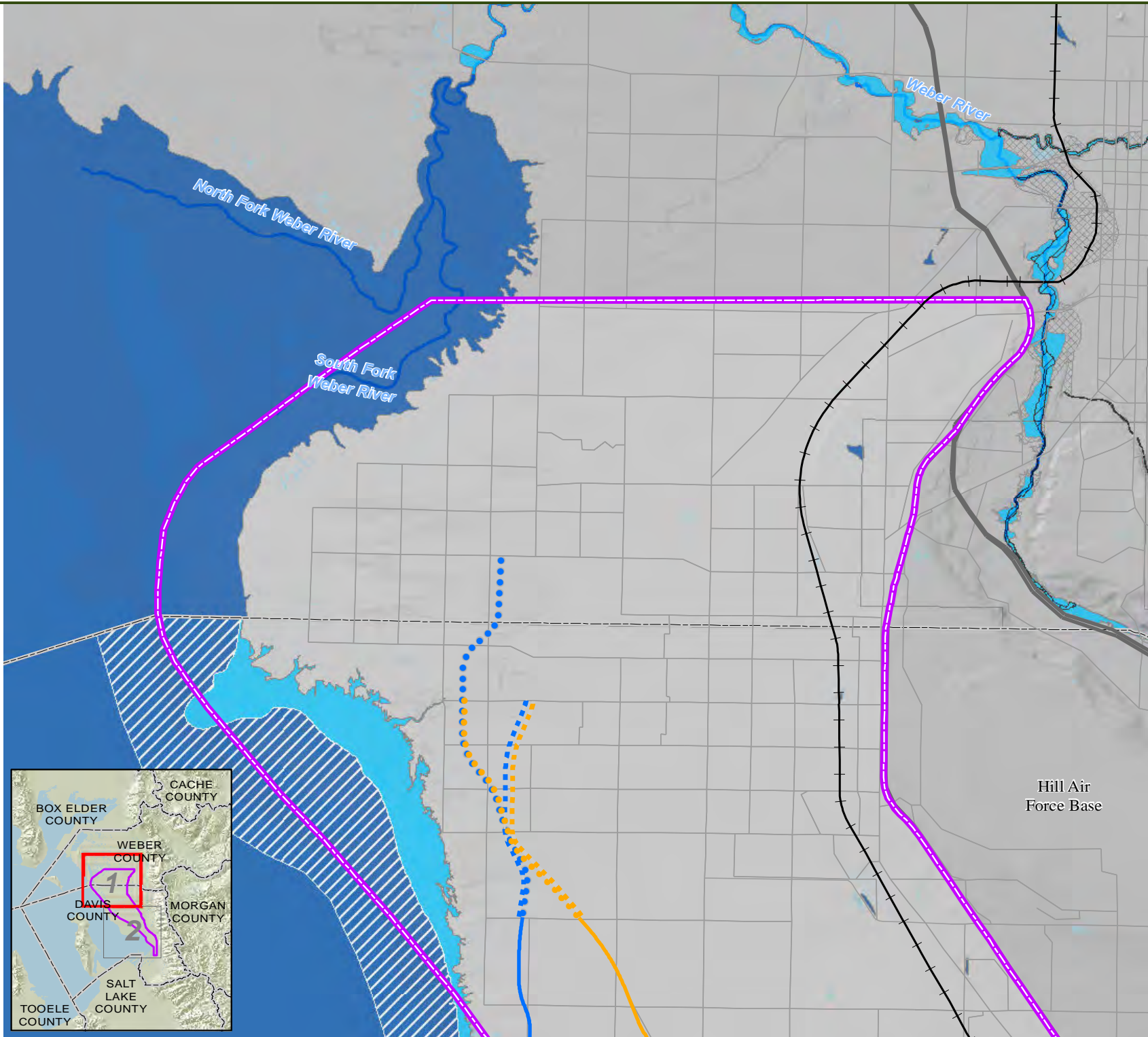
- A
- AE
- Floodway in Zone AE
- AH
- AO
- D
- VE
- 0.2% Annual-Chance Flood Hazard
- X
- Study Area Boundary
- County Boundary



Floodplains

Figure 1 of 2

Figure 15-2





WEST DAVIS CORRIDOR

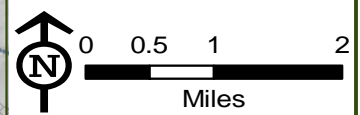
ENVIRONMENTAL IMPACT STATEMENT

Legend

- Alternative A1 and
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- - - Wetland Avoidance Option - All Alternatives
- +— FrontRunner

Flood Zone

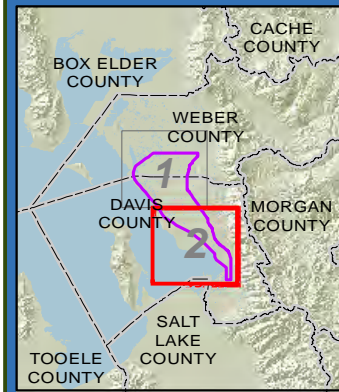
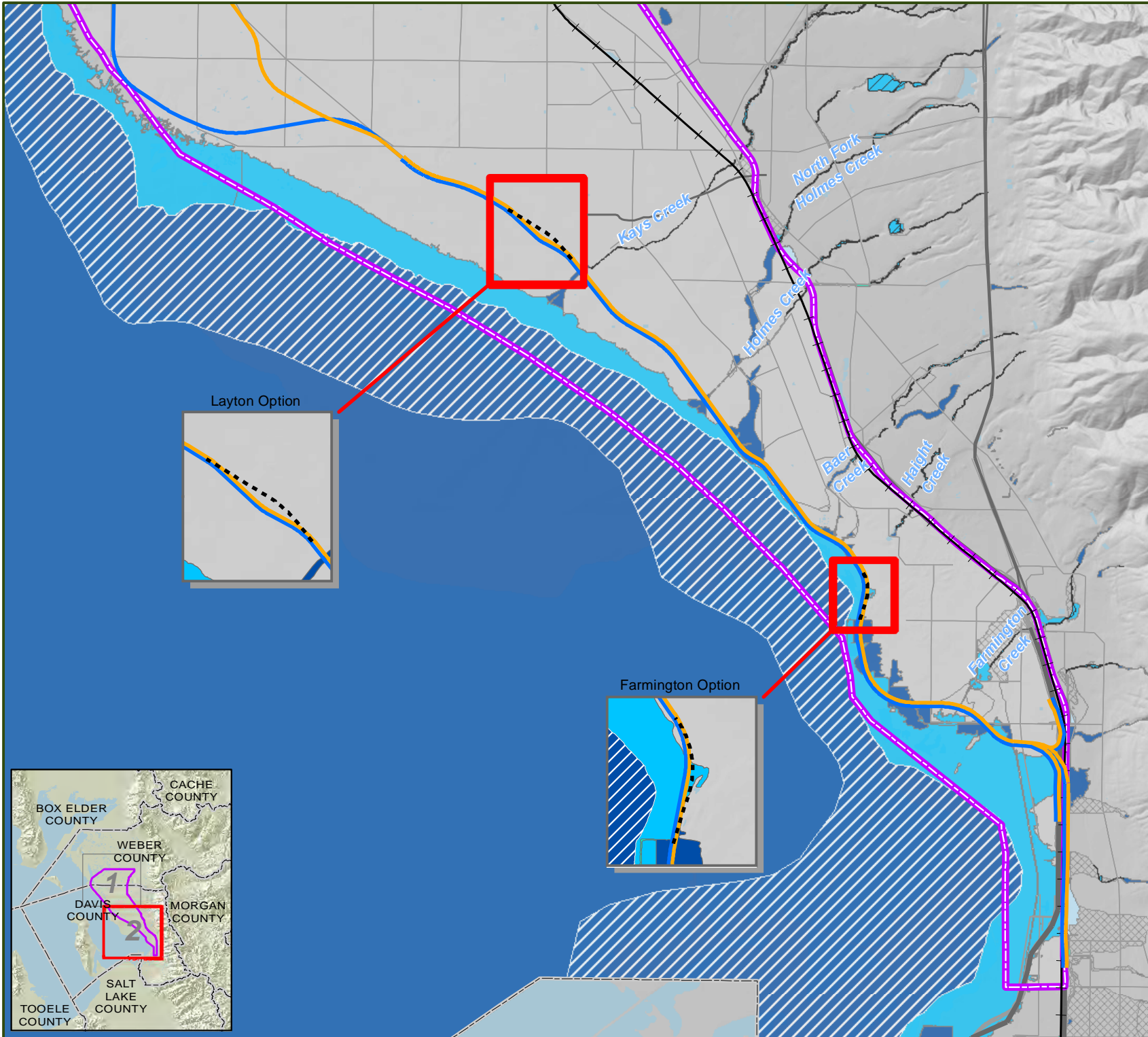
- A
- AE
- Floodway in Zone AE
- AH
- AO
- D
- VE
- 0.2% Annual-Chance Flood Hazard
- X
- Study Area Boundary
- County Boundary



Floodplains

Figure 2 of 2

Figure 15-3



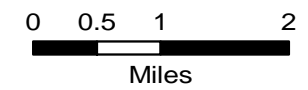


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

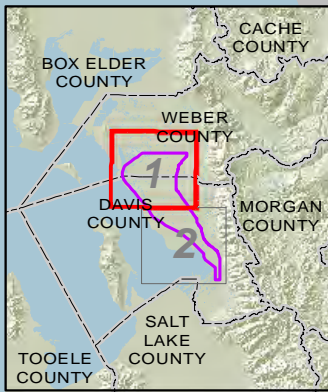
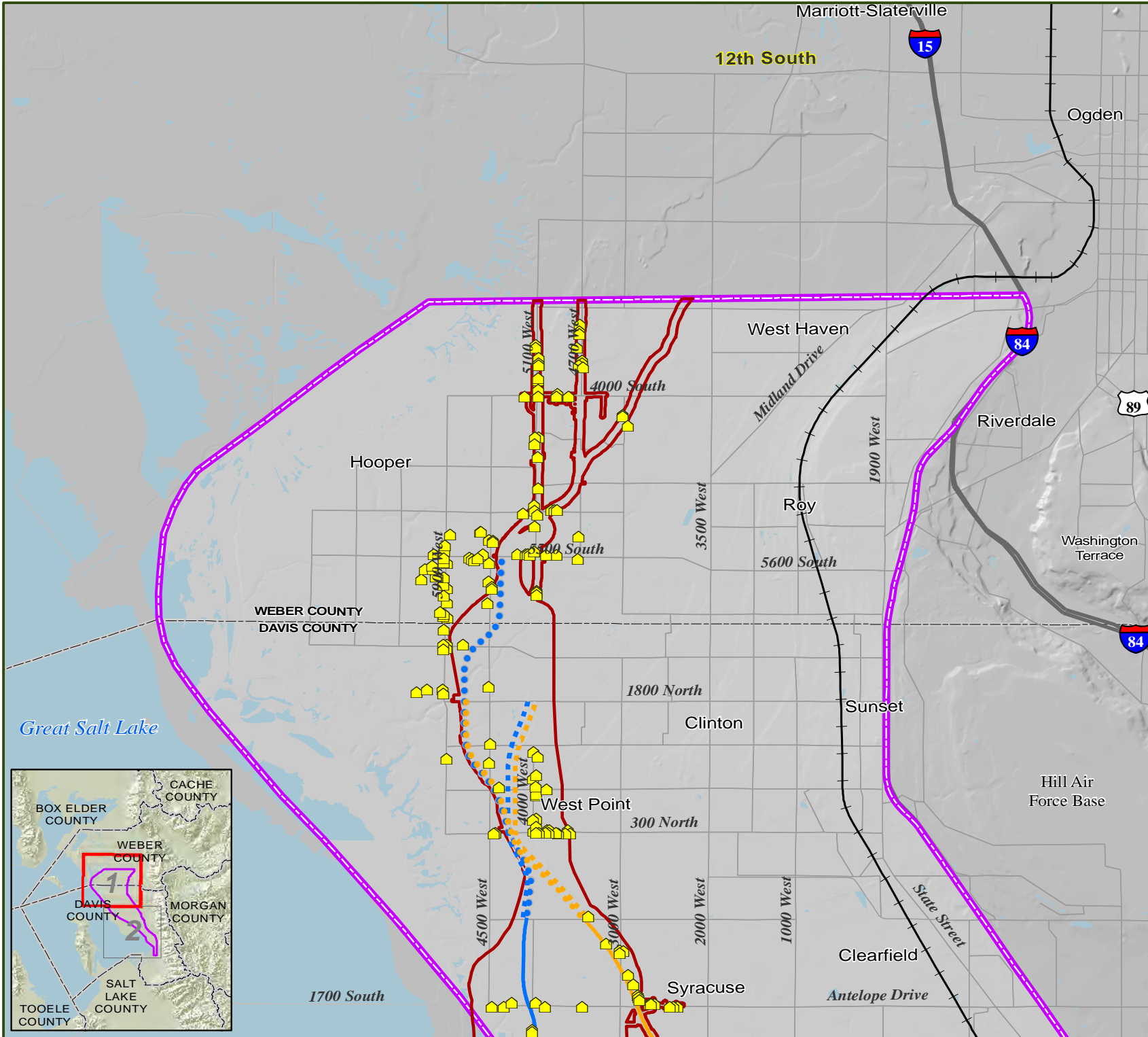
- Eligible Historic Building
- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- FrontRunner
- Historic Building Survey Area
- West Davis Corridor Study Area Boundary
- County Boundary



Historic Buildings and Survey Areas

Figure 1 of 2

Figure 16-1



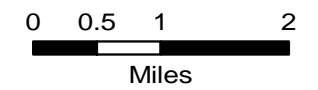


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

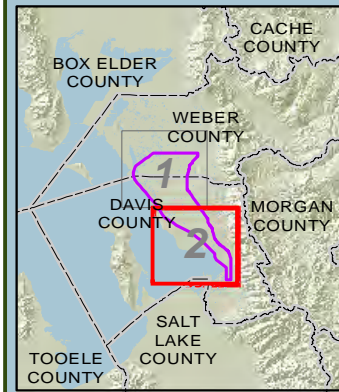
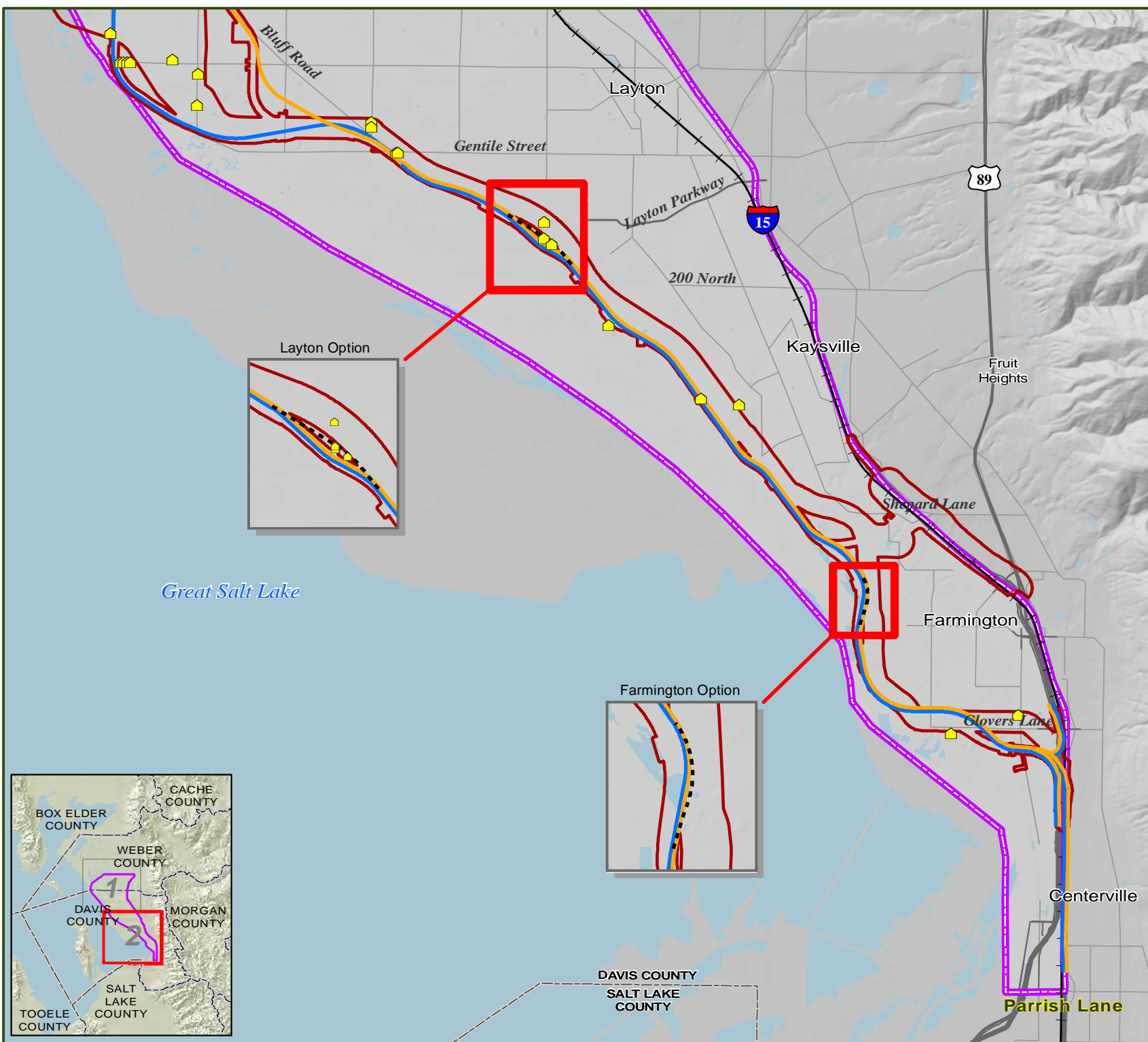
- Eligible Historic Building
- Alternative A1 and
- Alternative B1 and B2
- Alternative A2
- Alternative B2
- Alternative B1
- Wetland Avoidance Option - All Alternatives
- FrontRunner
- Historic Building Survey Area
- West Davis Corridor Study Area Boundary
- County Boundary



Historic Buildings and Survey Areas

Figure 2 of 2

Figure 16-2



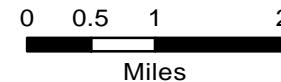
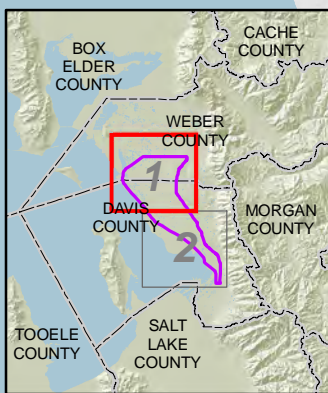
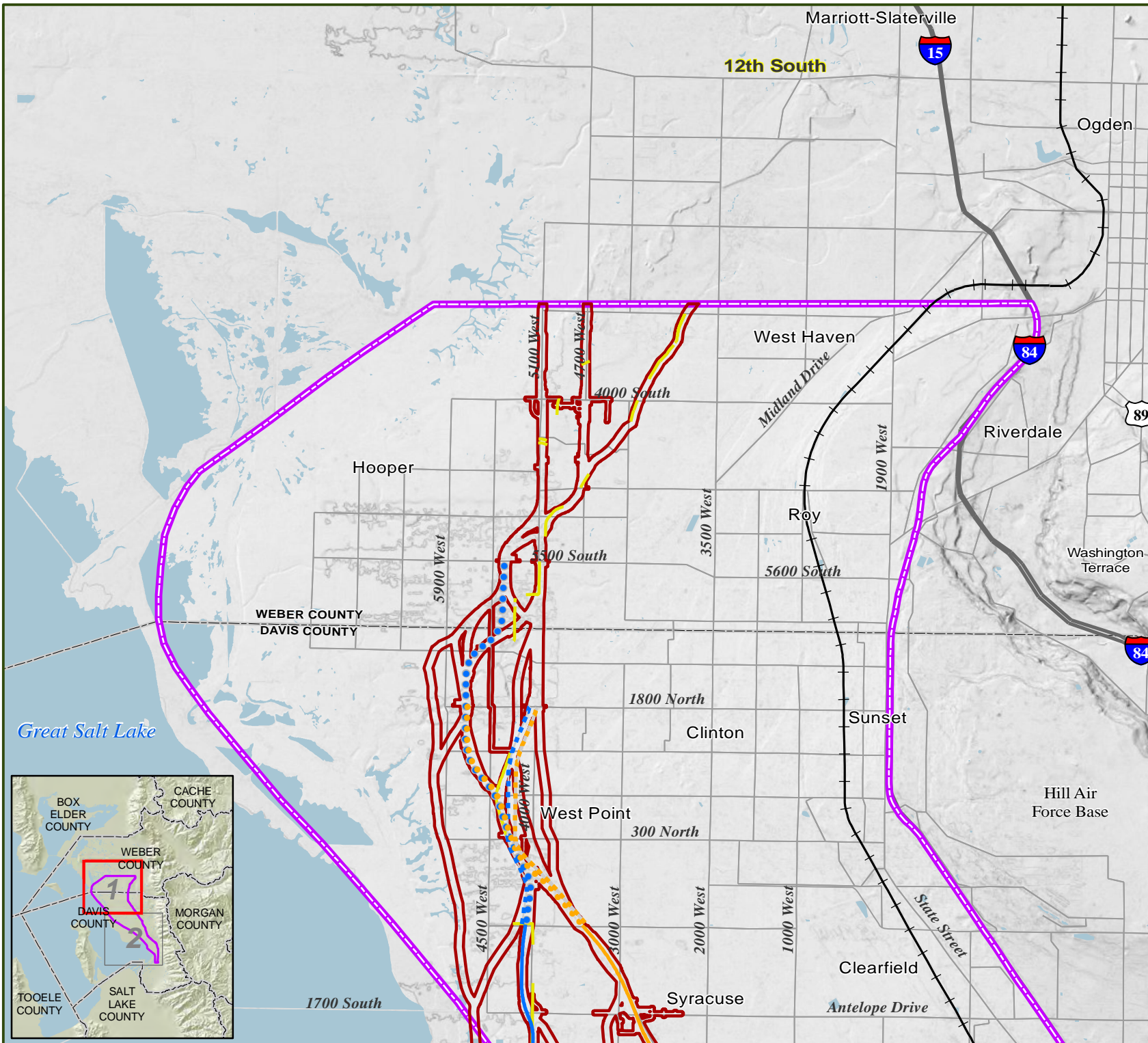


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

- Linear Archaeological Site
- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- FrontRunner
- Archaeological Survey Area
- West Davis Corridor Study Area Boundary
- County Boundary



Linear Archaeological Sites and Survey Areas

Figure 1 of 2

Figure 16-3

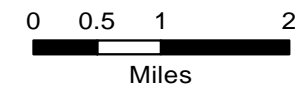


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

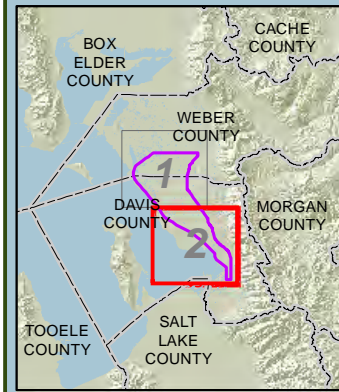
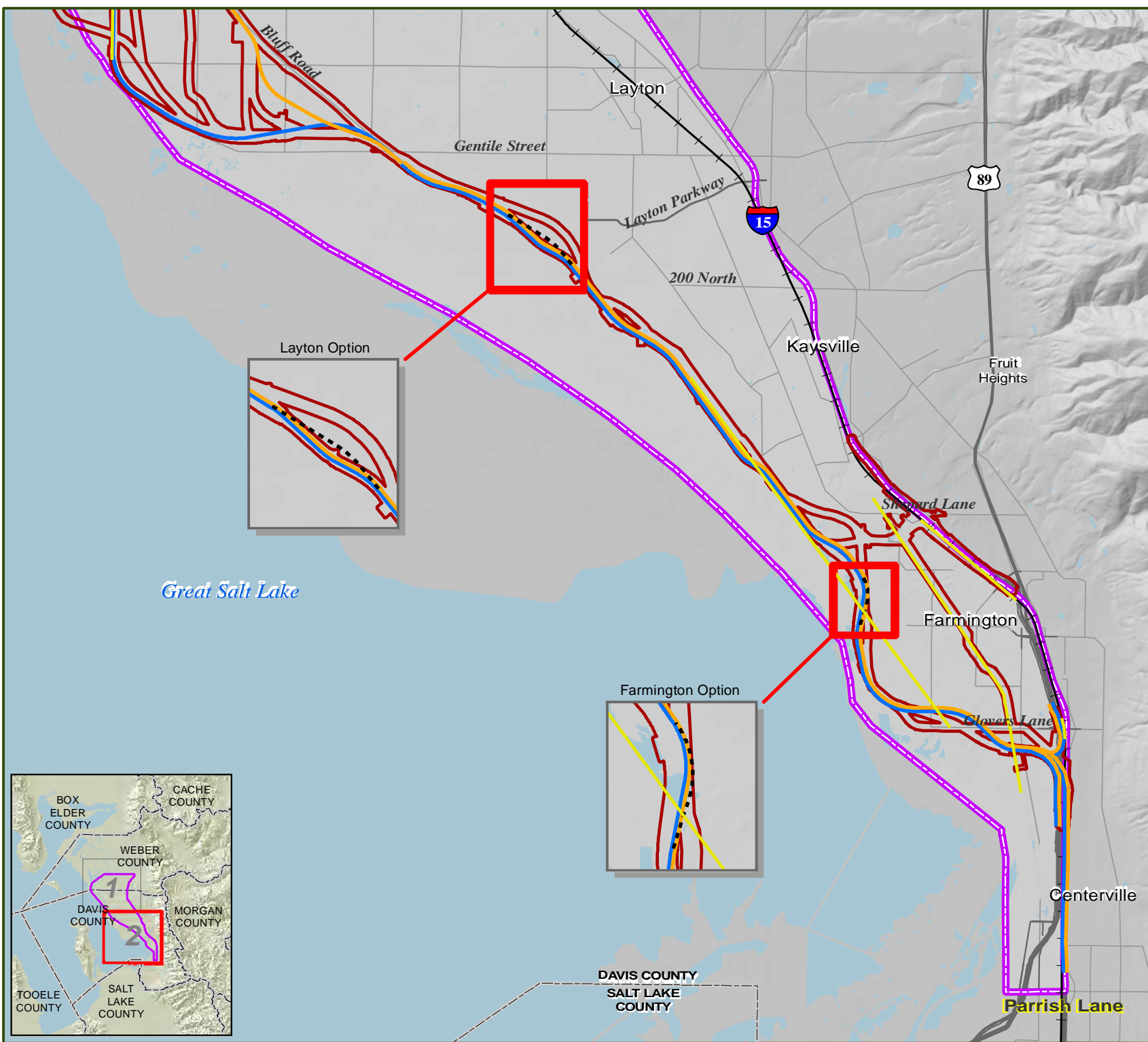
- Linear Archaeological Site
- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- Wetland Avoidance Option - All Alternatives
- FrontRunner
- Archaeological Survey Area
- West Davis Corridor Study Area Boundary
- County Boundary



Linear Archaeological Sites and Survey Areas

Figure 2 of 2

Figure 16-4



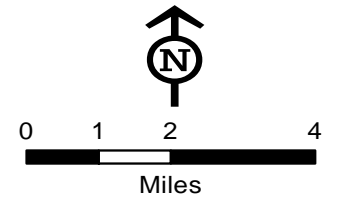
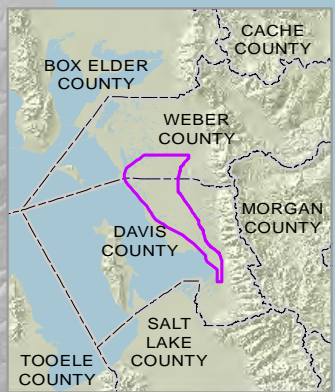
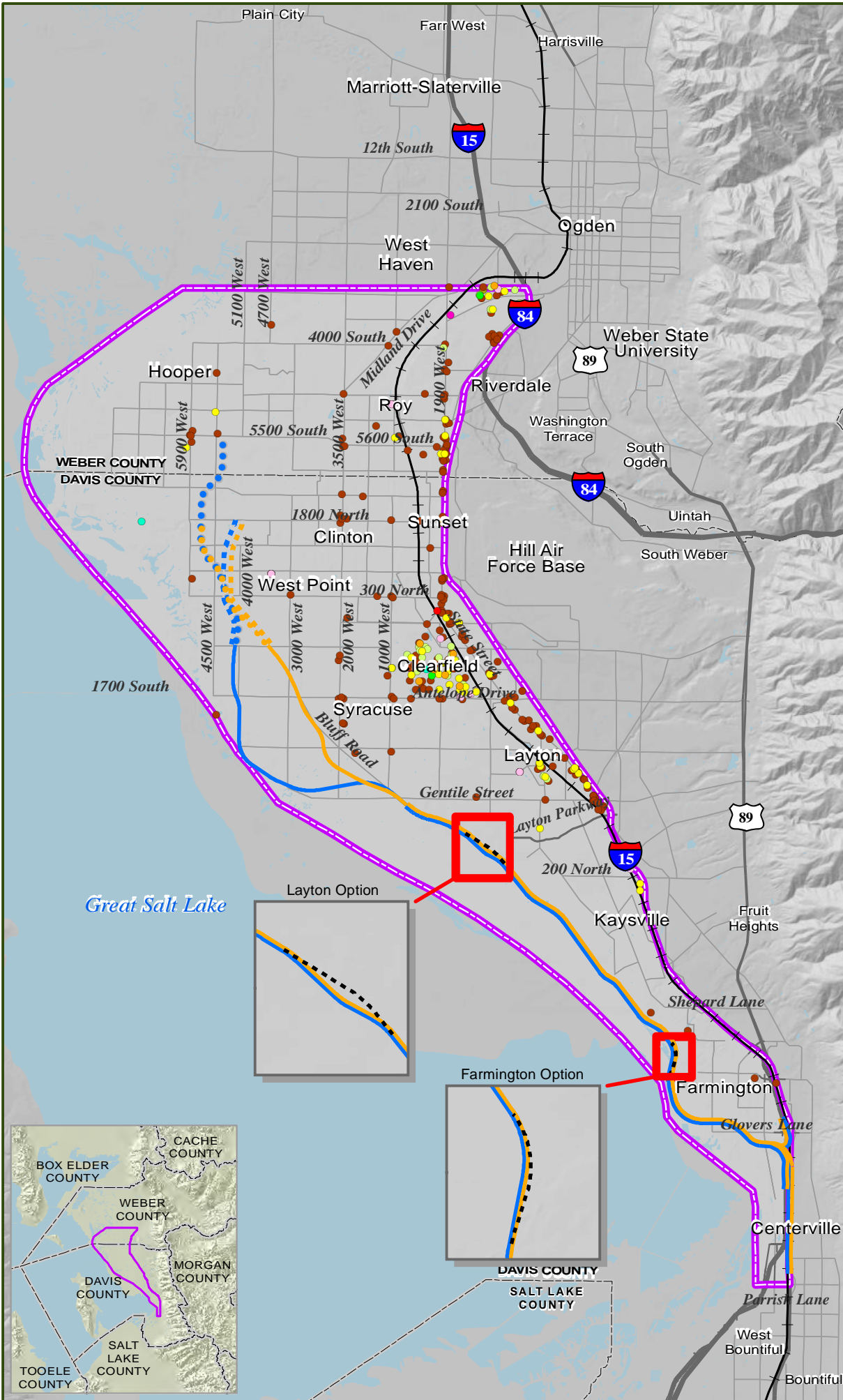


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

- Hazardous Waste Site**
 - Brownfield
 - Voluntary Cleanup Program Site
 - Underground Storage Tank
 - Permitted Used-Oil Facilities
 - Toxic Release Inventory Site
 - Tier 2
 - RCRA Small-Quantity Generator
 - Formerly Used Defense Site
 - Solid Waste Landfill
 - RCRA Large-Quantity Generator
 - CERCLA
- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- Wetland Avoidance Option - All Alternatives
- FrontRunner
- Study Area Boundary
- County Boundary



Hazardous Waste Sites

Figure 17-1

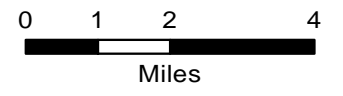
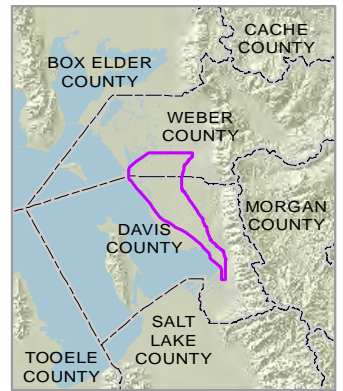
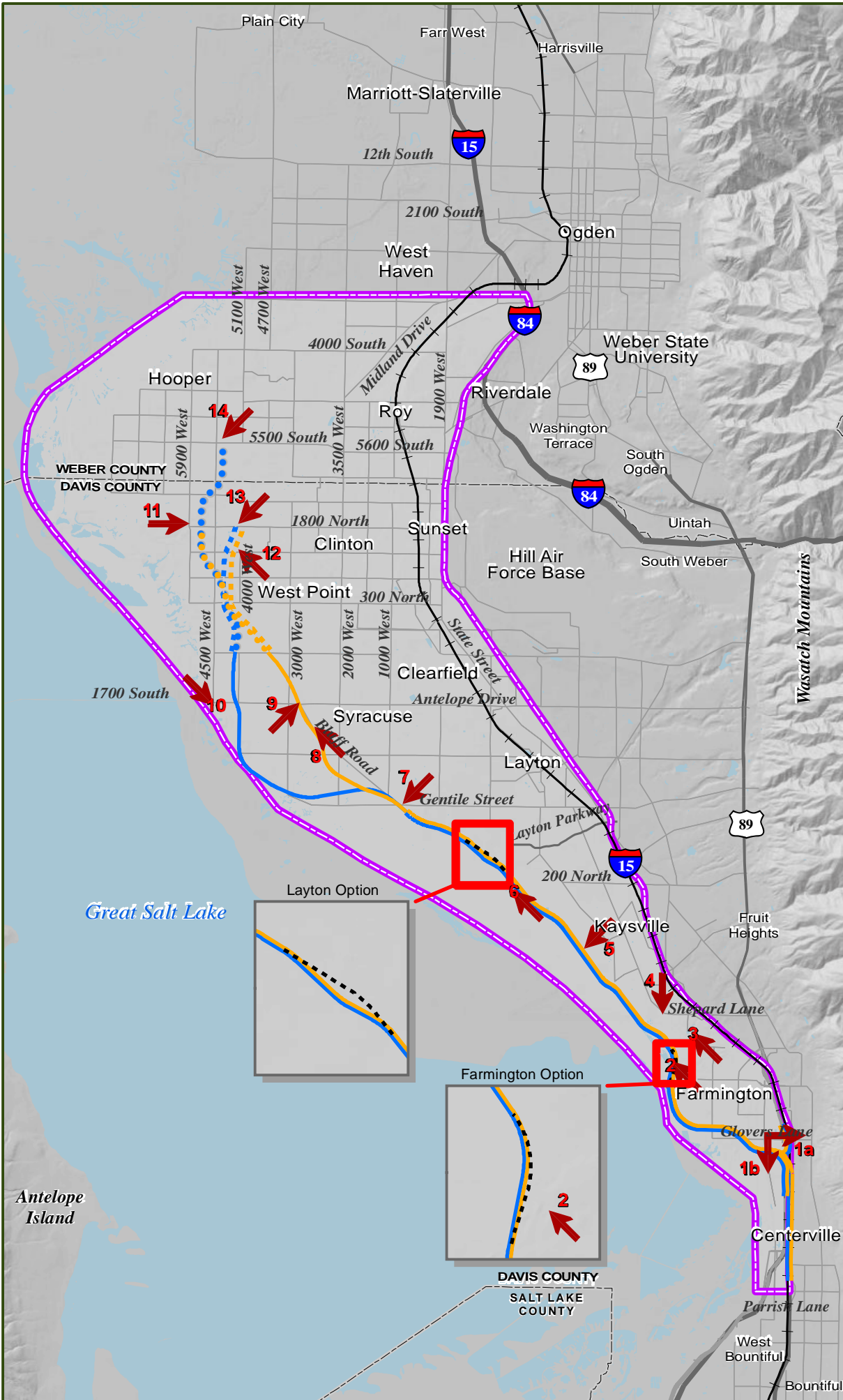


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

- Key Observation Point (KOP)
- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- Wetland Avoidance Option - All Alternatives
- FrontRunner
- Study Area Boundary
- County Boundary



Visual Resources Key Observation Points

Figure 18-1

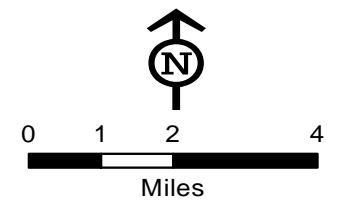
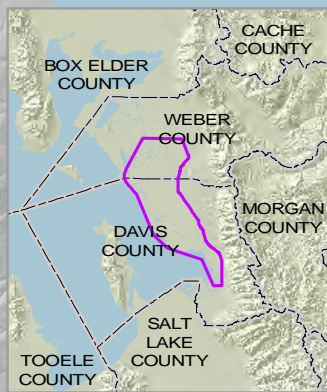
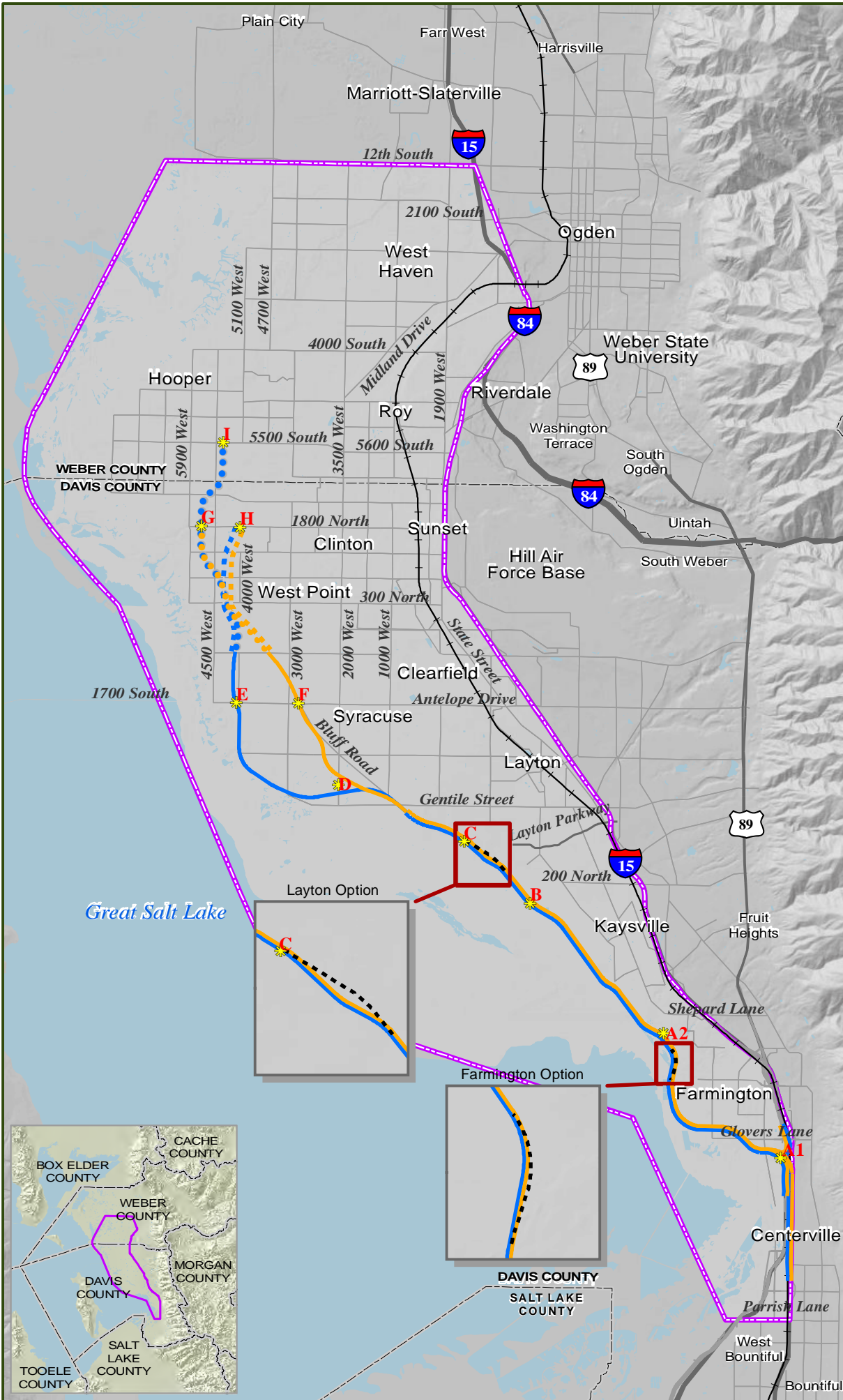


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

- A - I Location of Potential Indirect Effects
- Potential Interchange/Intersection
- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- Wetland Avoidance Option - All Alternatives
- FrontRunner
- Indirect Effects Impact Analysis Area
- County Boundary



Location of Potential Indirect Effects

Figure 23-1

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WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

—+— FrontRunner

Residential

- Exurban and Rural
- Suburban
- Urban

Commercial

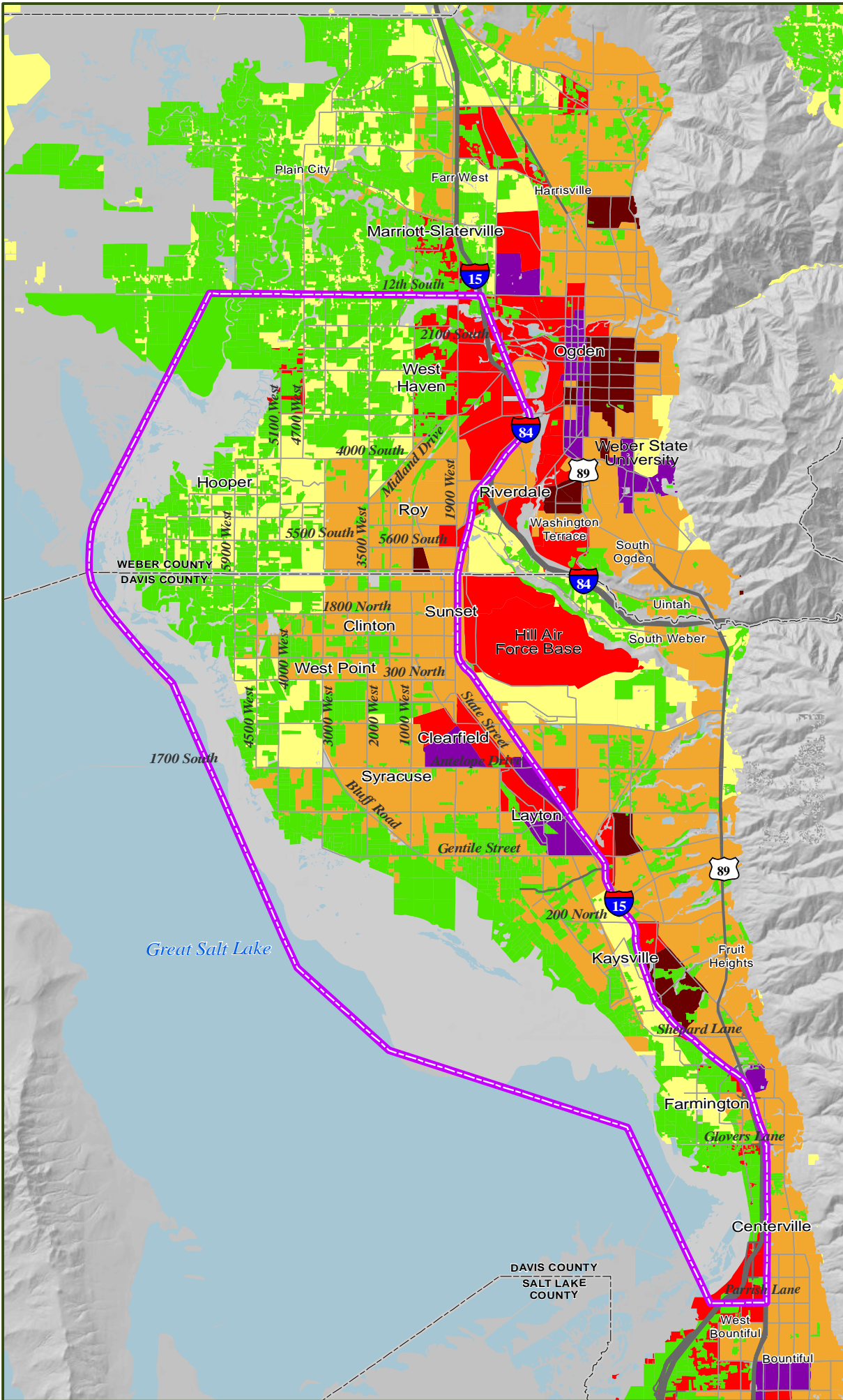
- Dispersed
- Concentrated

Agricultural

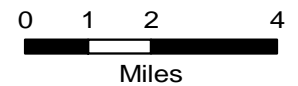
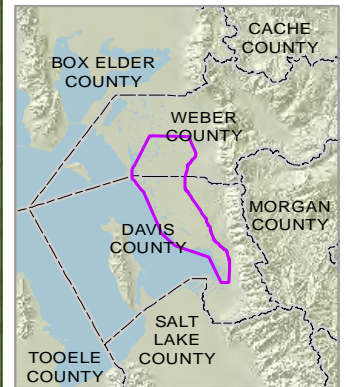
- Agriculture

Indirect Effects Impact Analysis Area

County Boundary



Source: GOPB 2008



Wasatch Front North Developed Land 2005

Figure 23-2



WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

FrontRunner

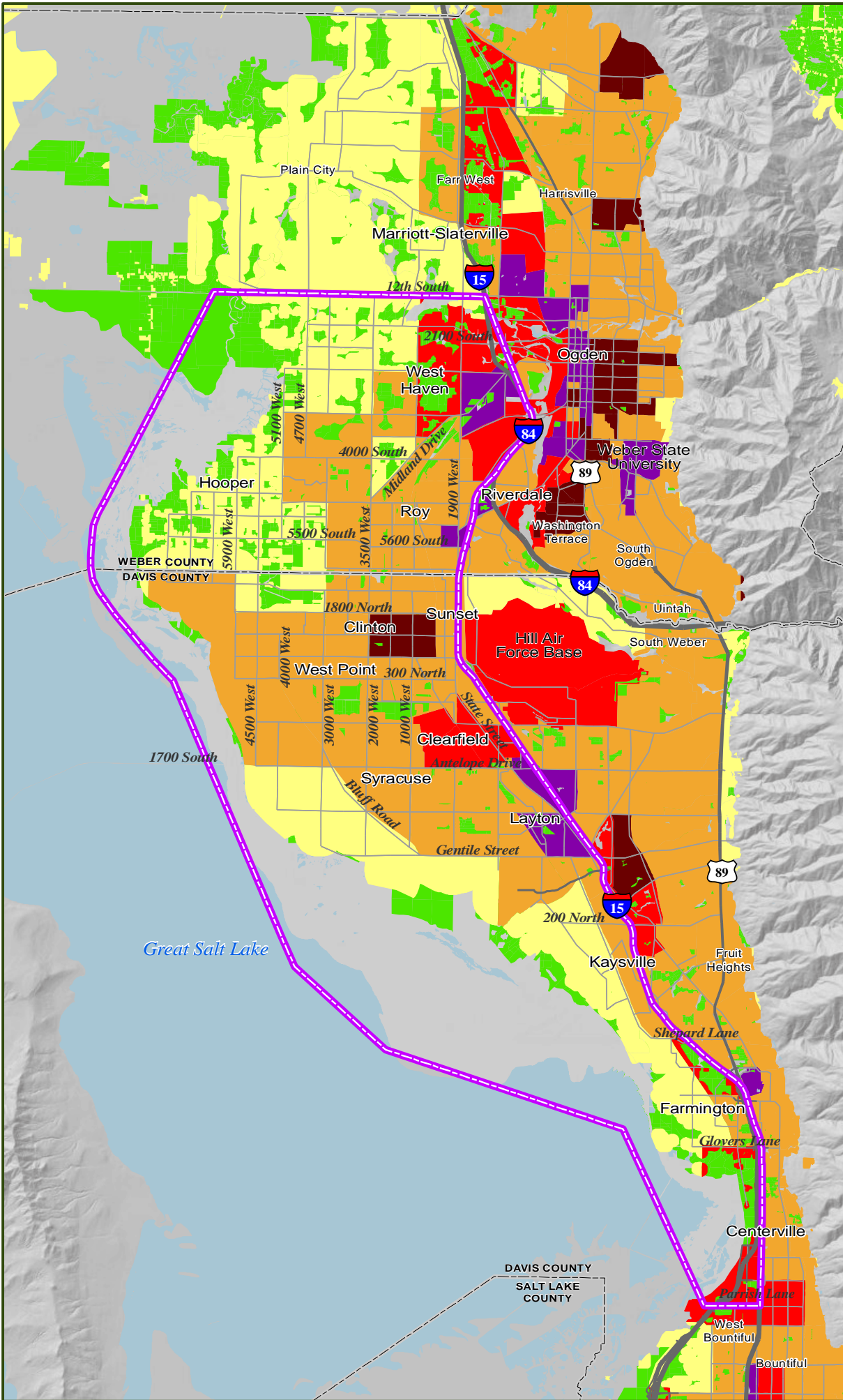
- Residential**
- Exurban and Rural
 - Suburban
 - Urban

- Commercial**
- Dispersed
 - Concentrated

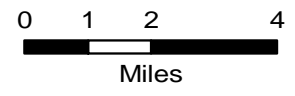
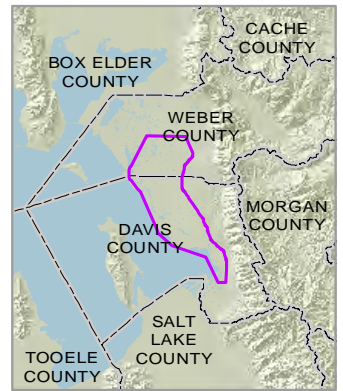
- Agricultural**
- Agriculture

Indirect Effects Impact Analysis Area

County Boundary



Source: GOPB 2008



Wasatch Front North Developed Land 2030

Figure 23-3



WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- FrontRunner

Residential

- Exurban and Rural
- Suburban
- Urban

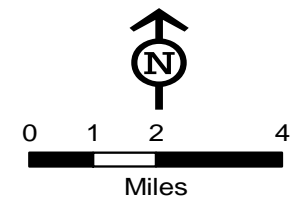
Commercial

- Dispersed
- Concentrated

Agriculture

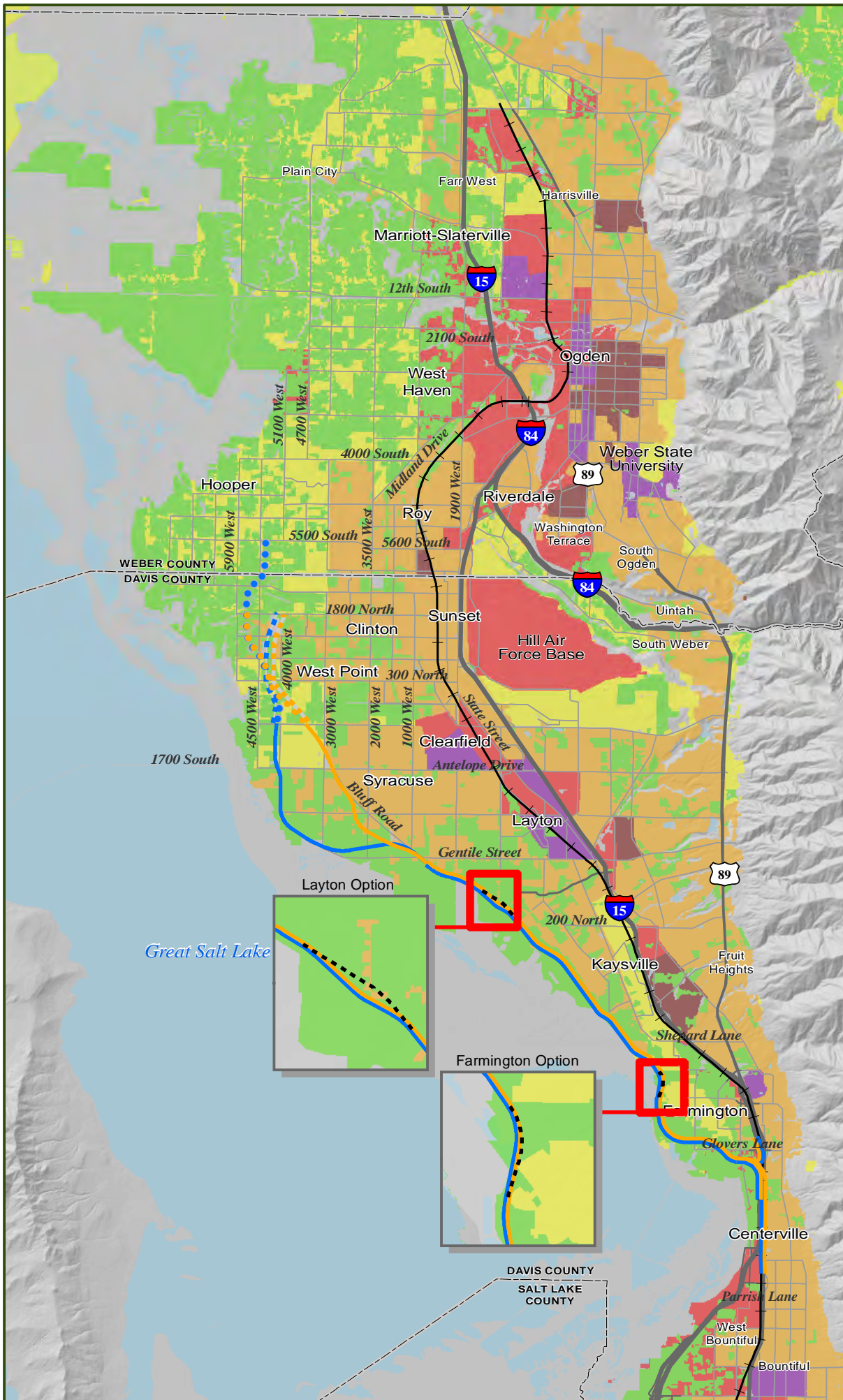
County Boundary

Source: GOPB 2008



Wasatch Front North Developed Land 2005

Figure 24-1





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1

FrontRunner

Residential

- Exurban and Rural
- Suburban
- Urban

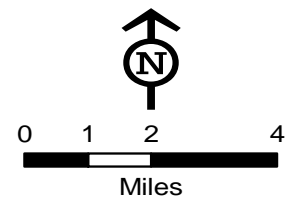
Commercial

- Dispersed
- Concentrated

Agriculture

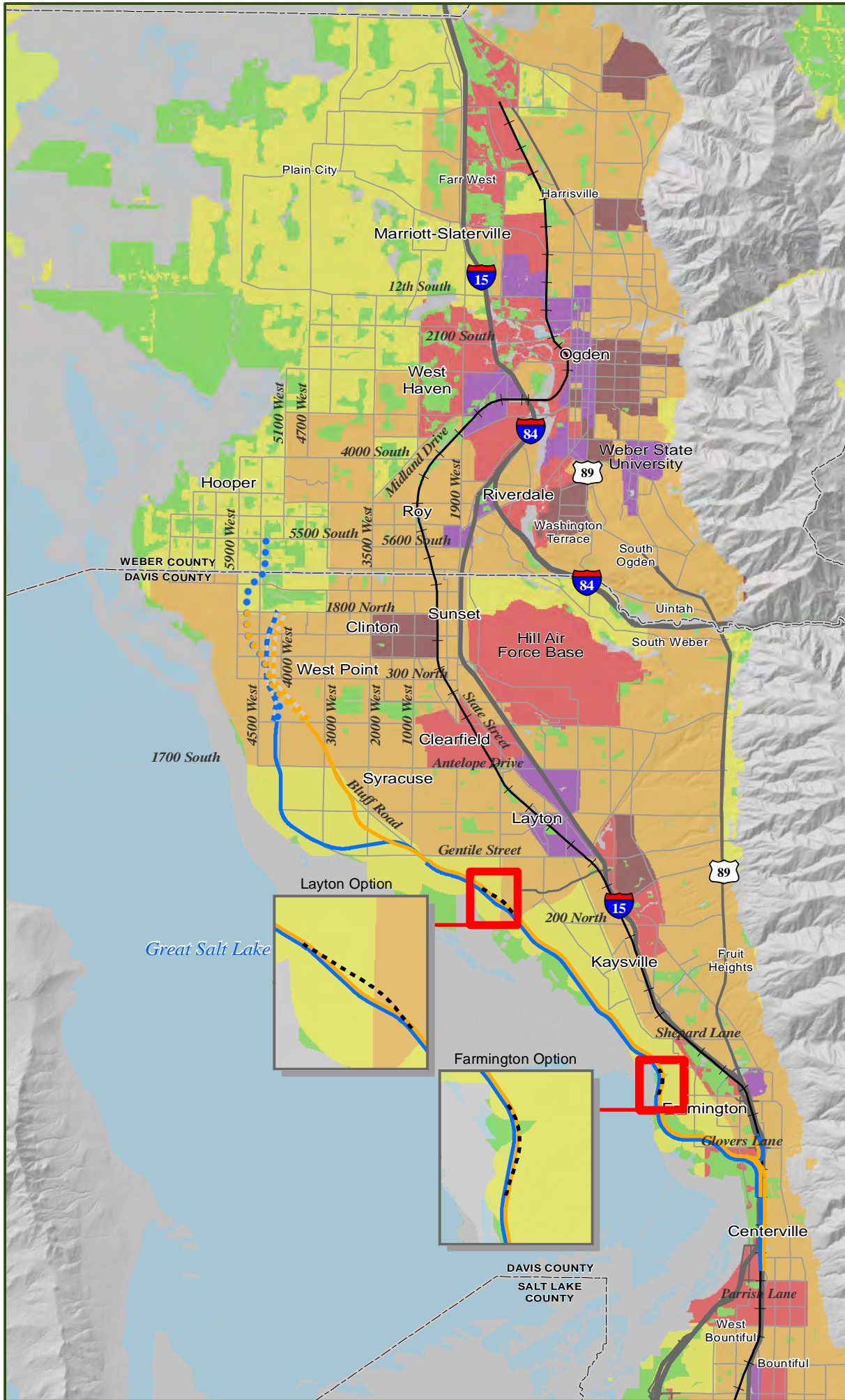
County Boundary

Source: GOPB 2008



Wasatch Front North Developed Land 2030

Figure 24-2



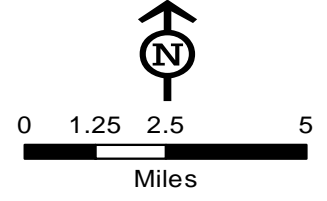
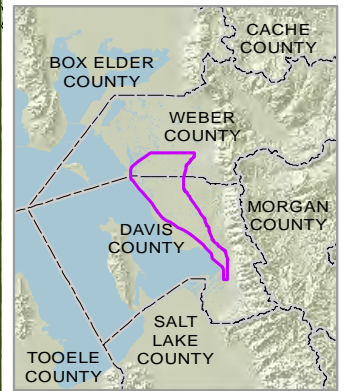
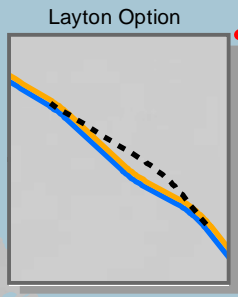
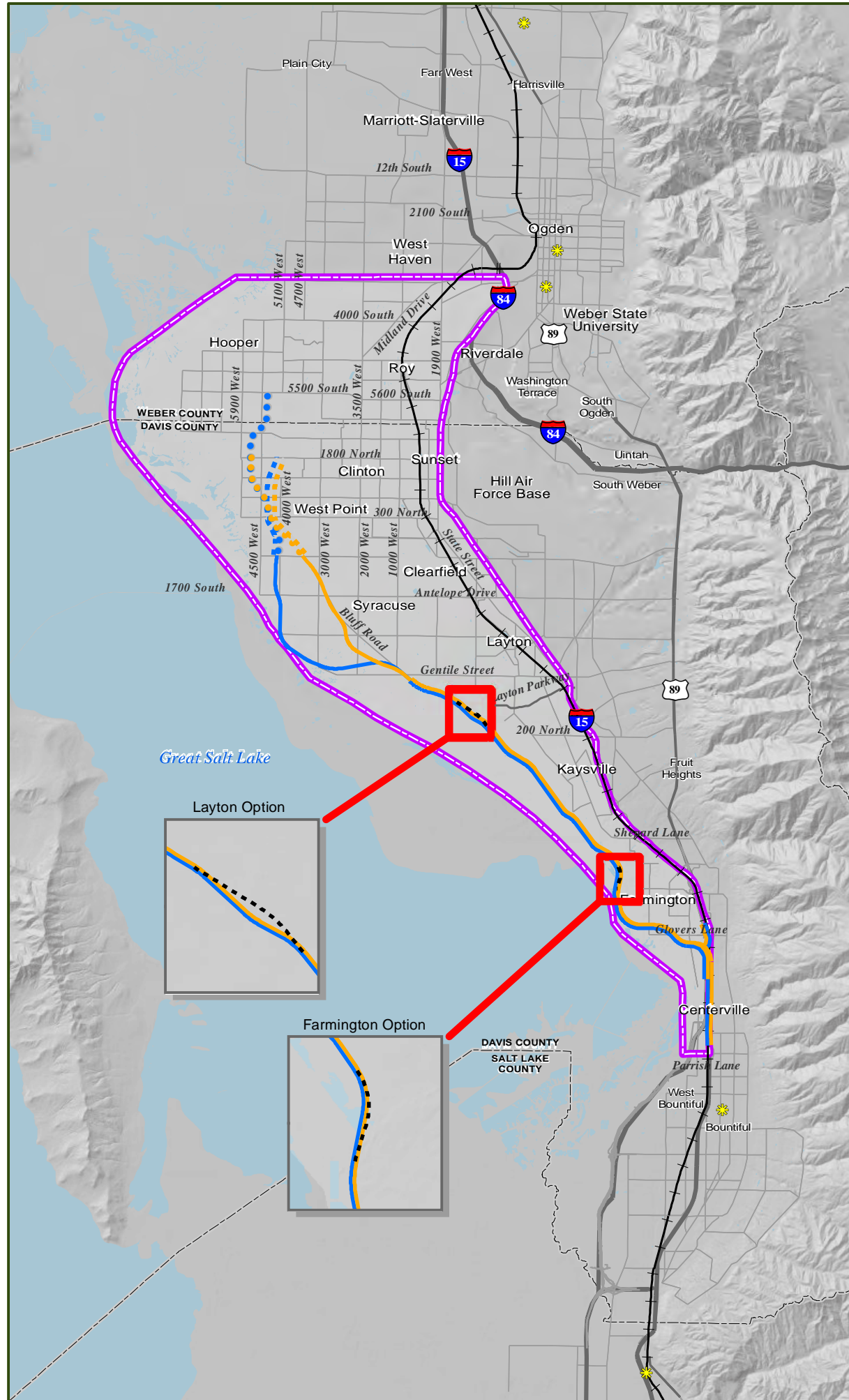


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

- Air Monitoring Location
- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- Wetland Avoidance Option - All Alternatives
- FrontRunner
- Study Area Boundary
- County Boundary



Air Monitoring Locations

Figure 24-3

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