

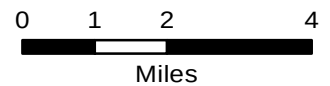
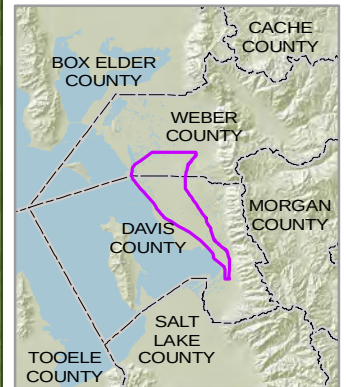


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

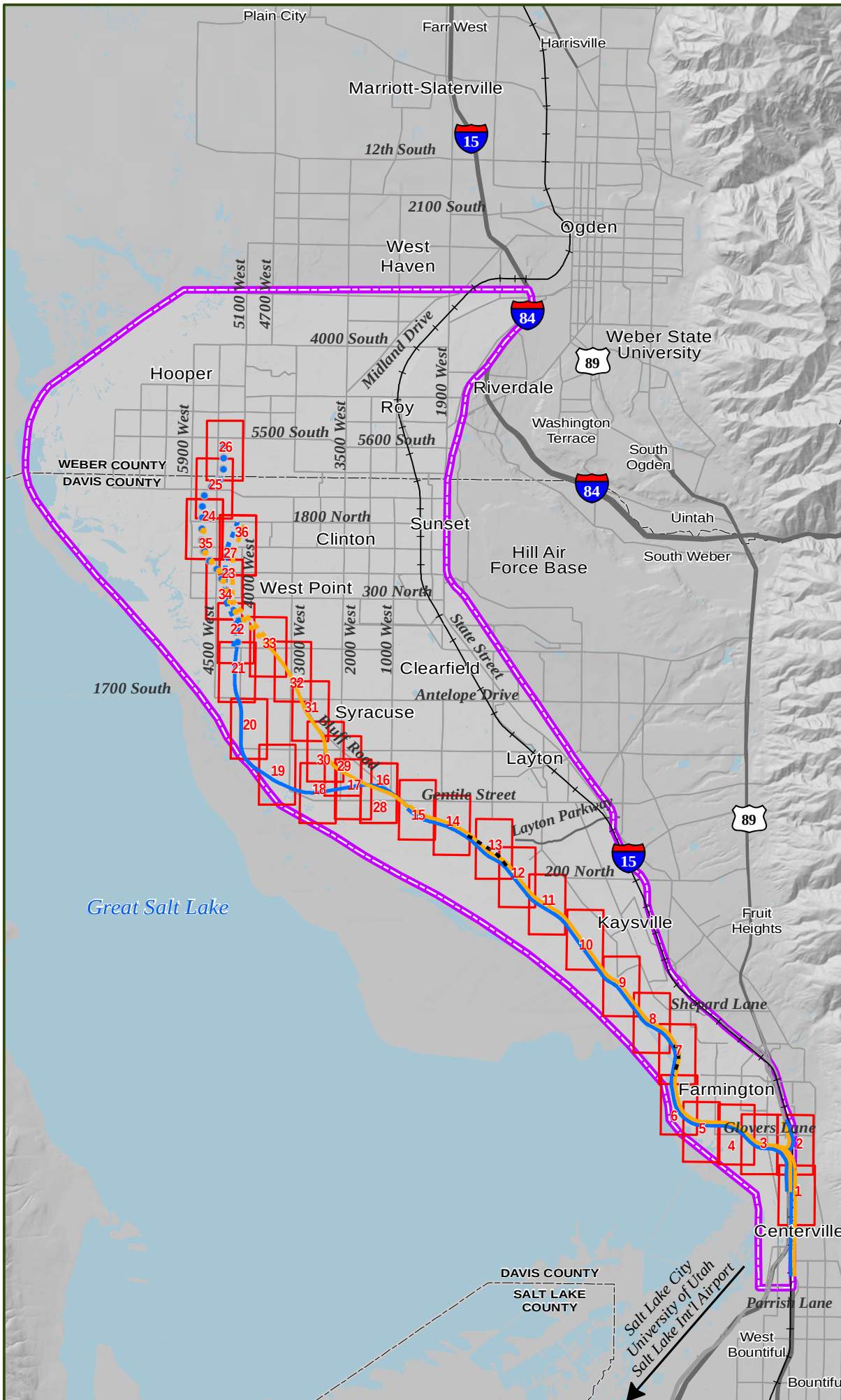
Legend

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



Noise Series Index

Figure 12-A





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

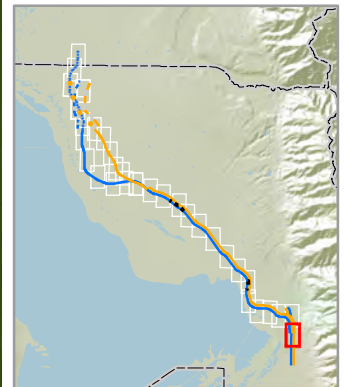
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

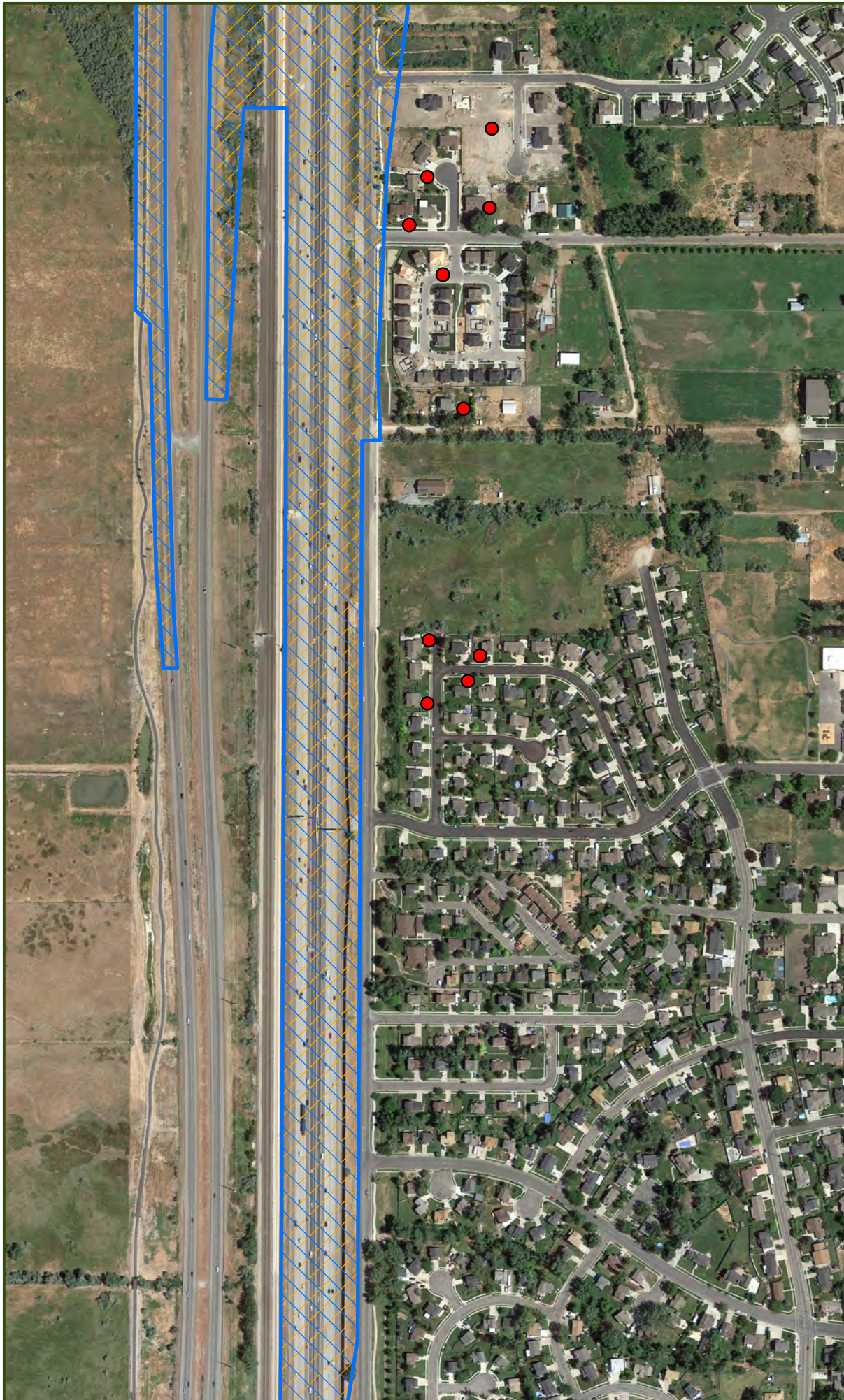


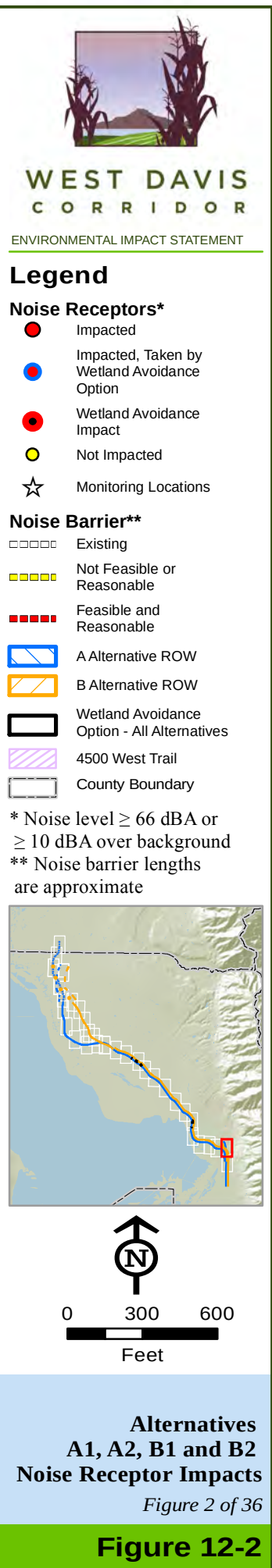
0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 1 of 36

Figure 12-1







WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

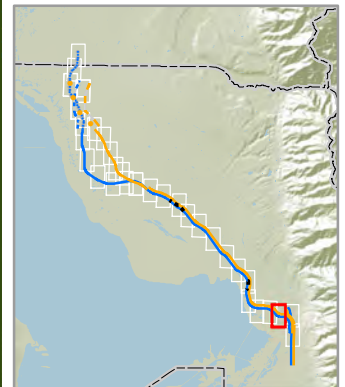
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

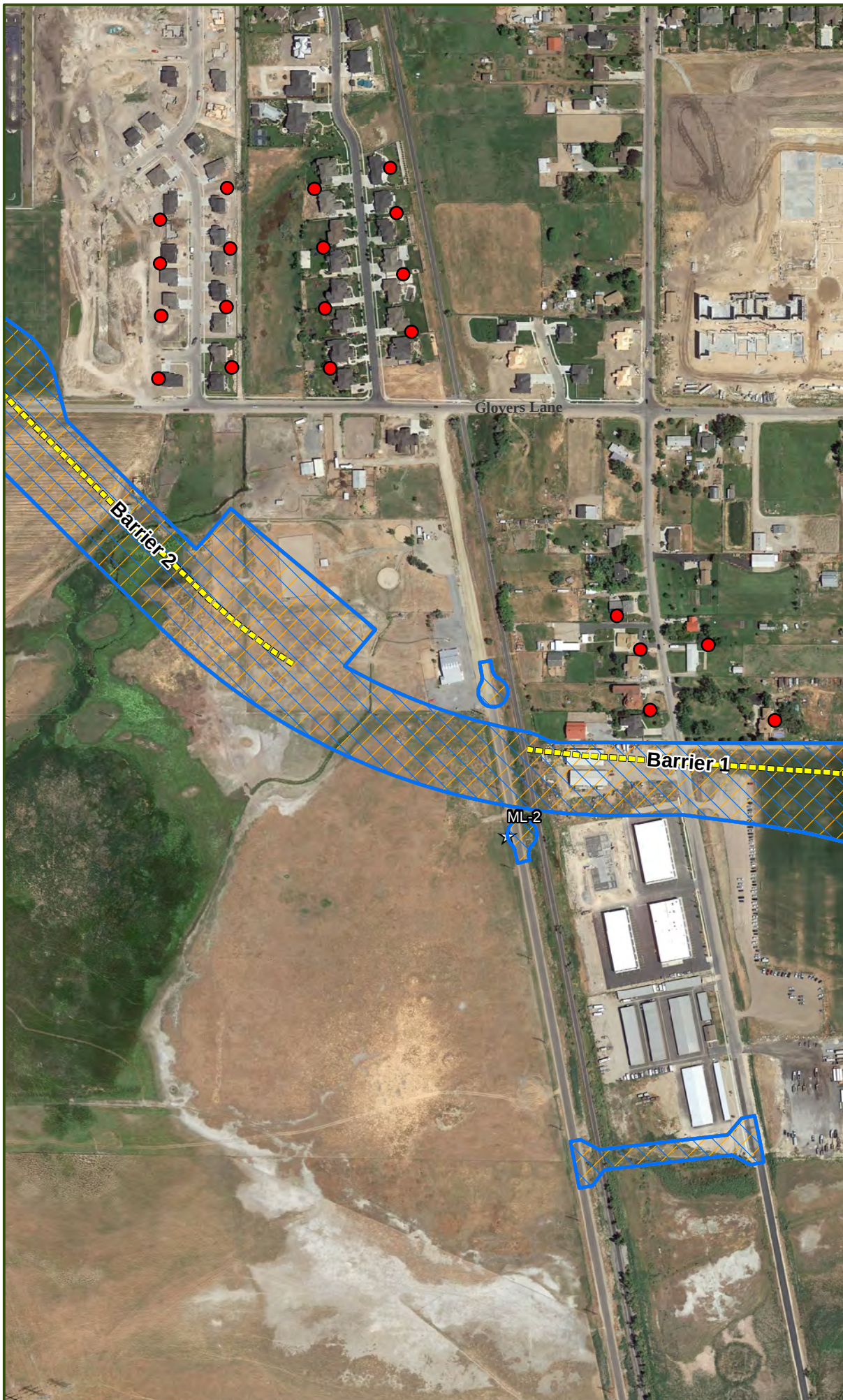


0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 3 of 36

Figure 12-3





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

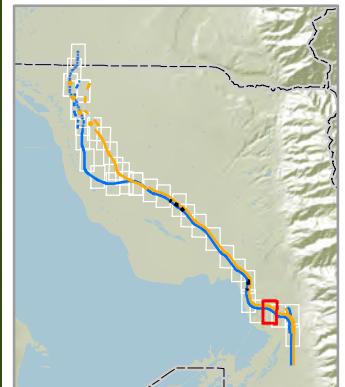
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate



0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 4 of 36

Figure 12-4





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

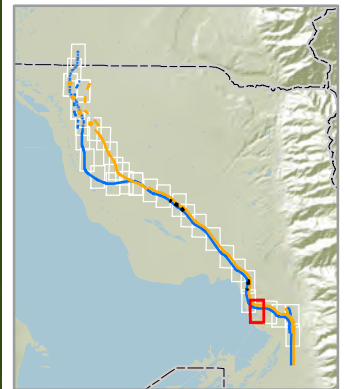
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate



0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 5 of 36

Figure 12-5





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

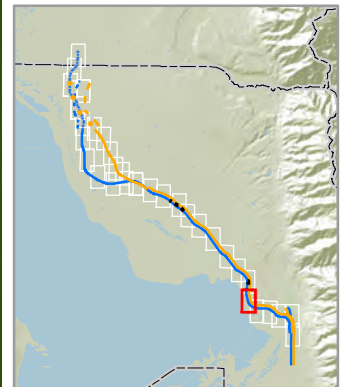
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate



0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 6 of 36

Figure 12-6





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

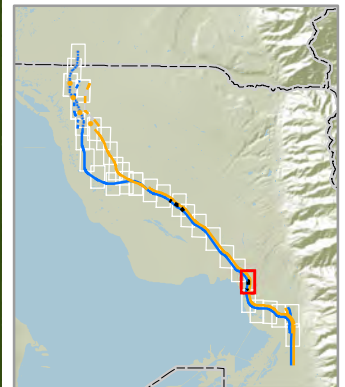
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- ■ ■ ■ Not Feasible or Reasonable
- ■ ■ ■ Feasible and Reasonable
- ▭ A Alternative ROW
- ▭ B Alternative ROW
- ▭ Wetland Avoidance Option - All Alternatives
- ▭ 4500 West Trail
- ▭ County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

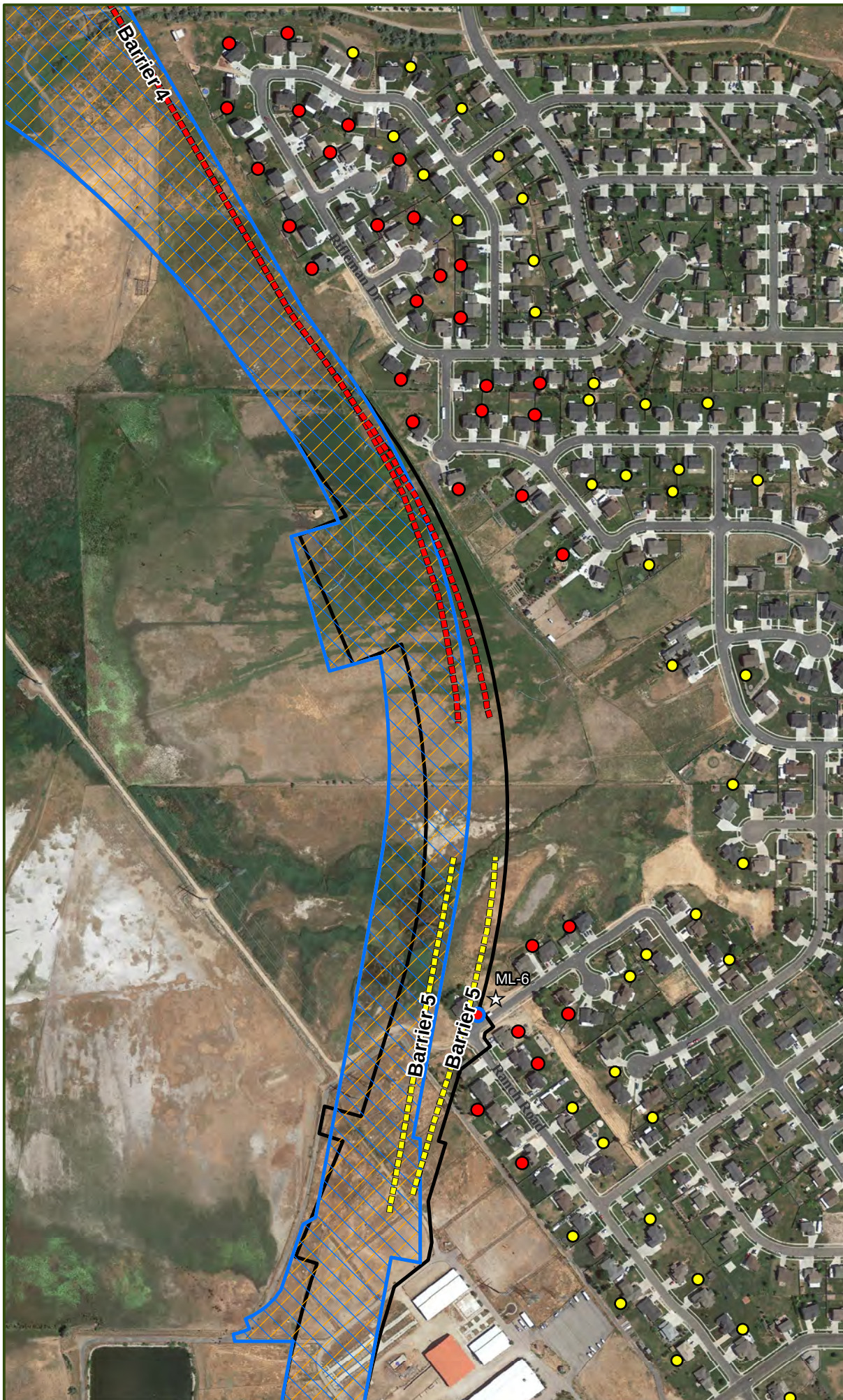


0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 7 of 36

Figure 12-7





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

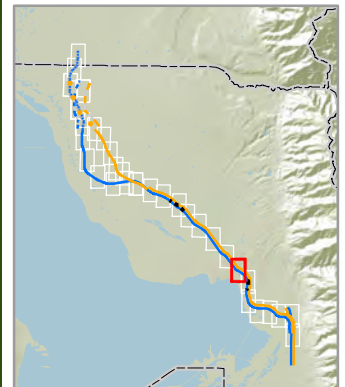
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate



0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 8 of 36

Figure 12-8





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

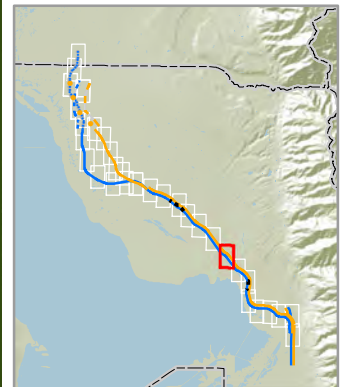
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate



0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 9 of 36

Figure 12-9





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

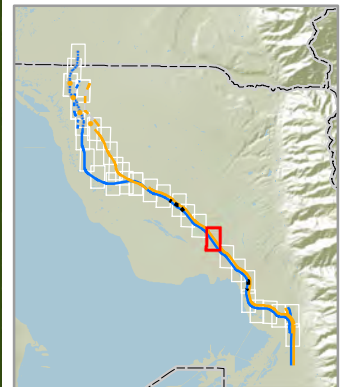
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

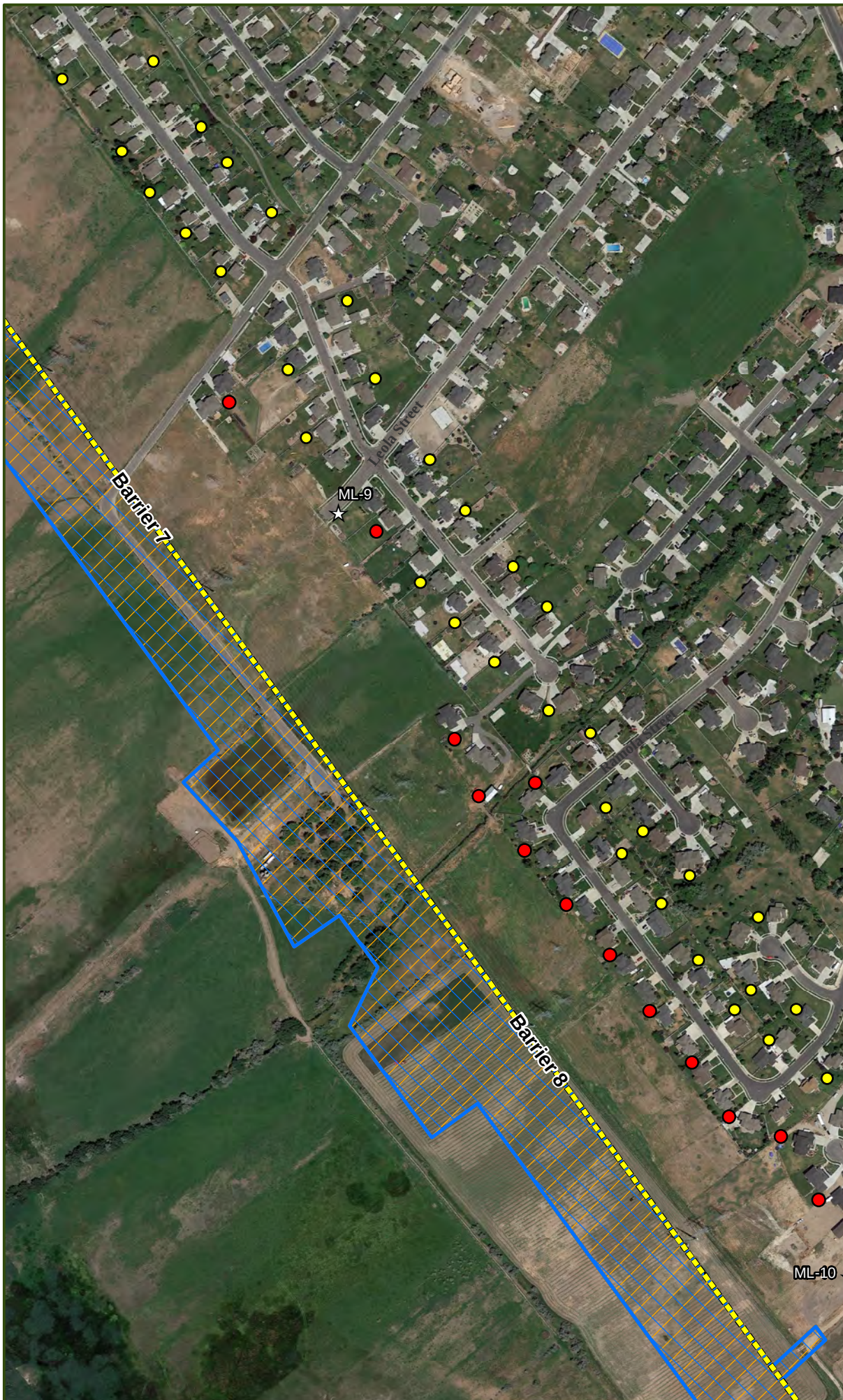


0 300 600
Feet

Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts

Figure 10 of 36

Figure 12-10





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

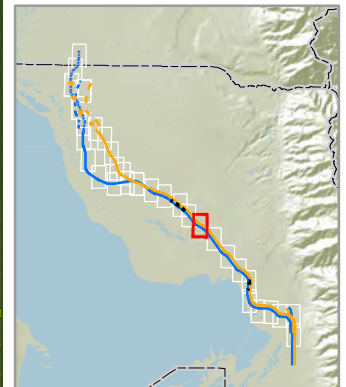
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

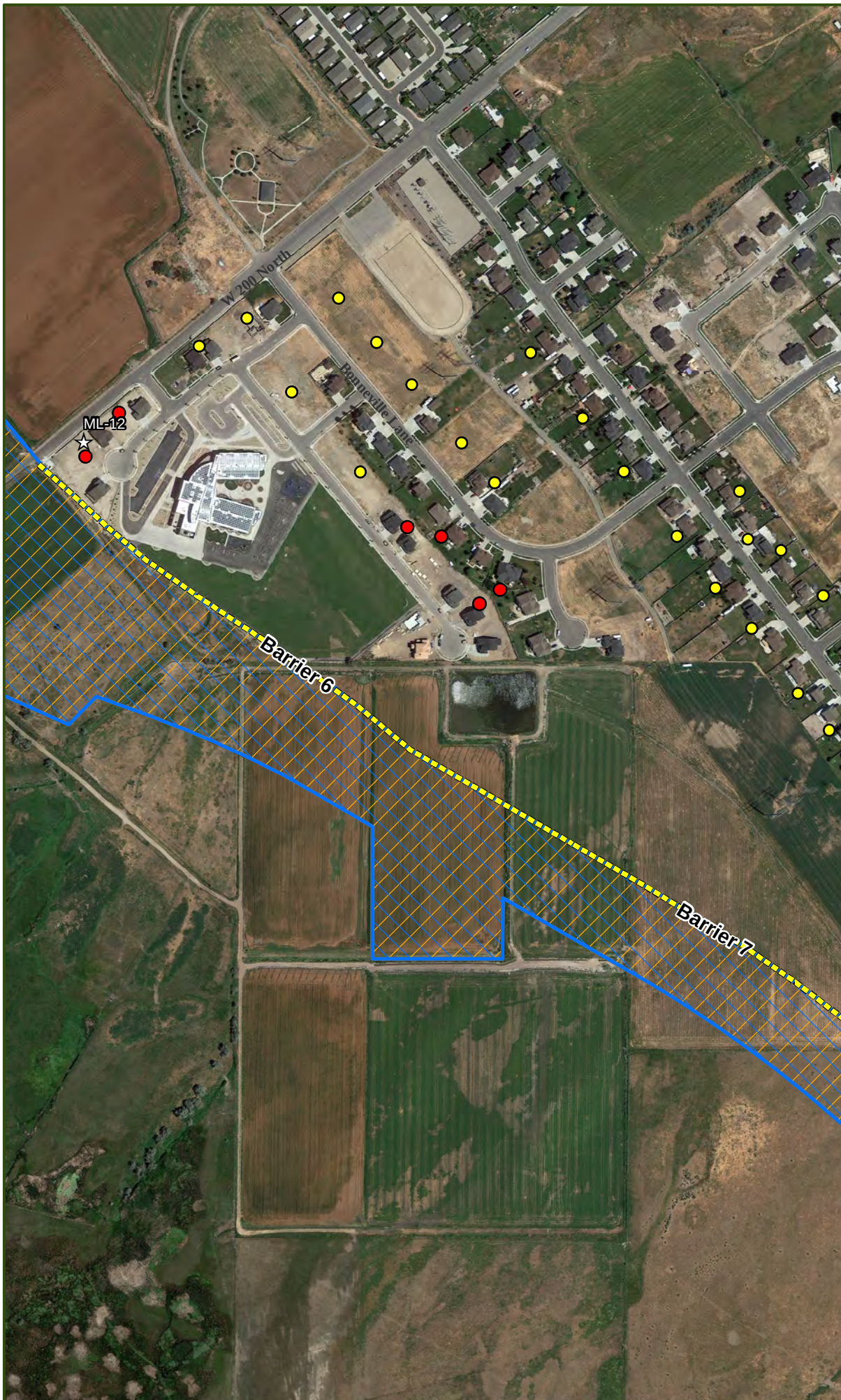


0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 11 of 36

Figure 12-11





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

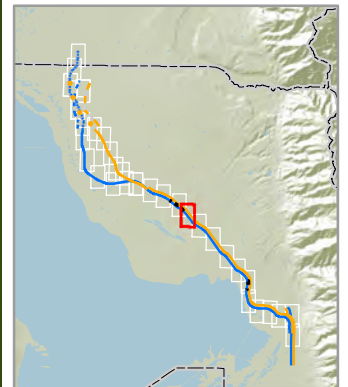
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ★ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate

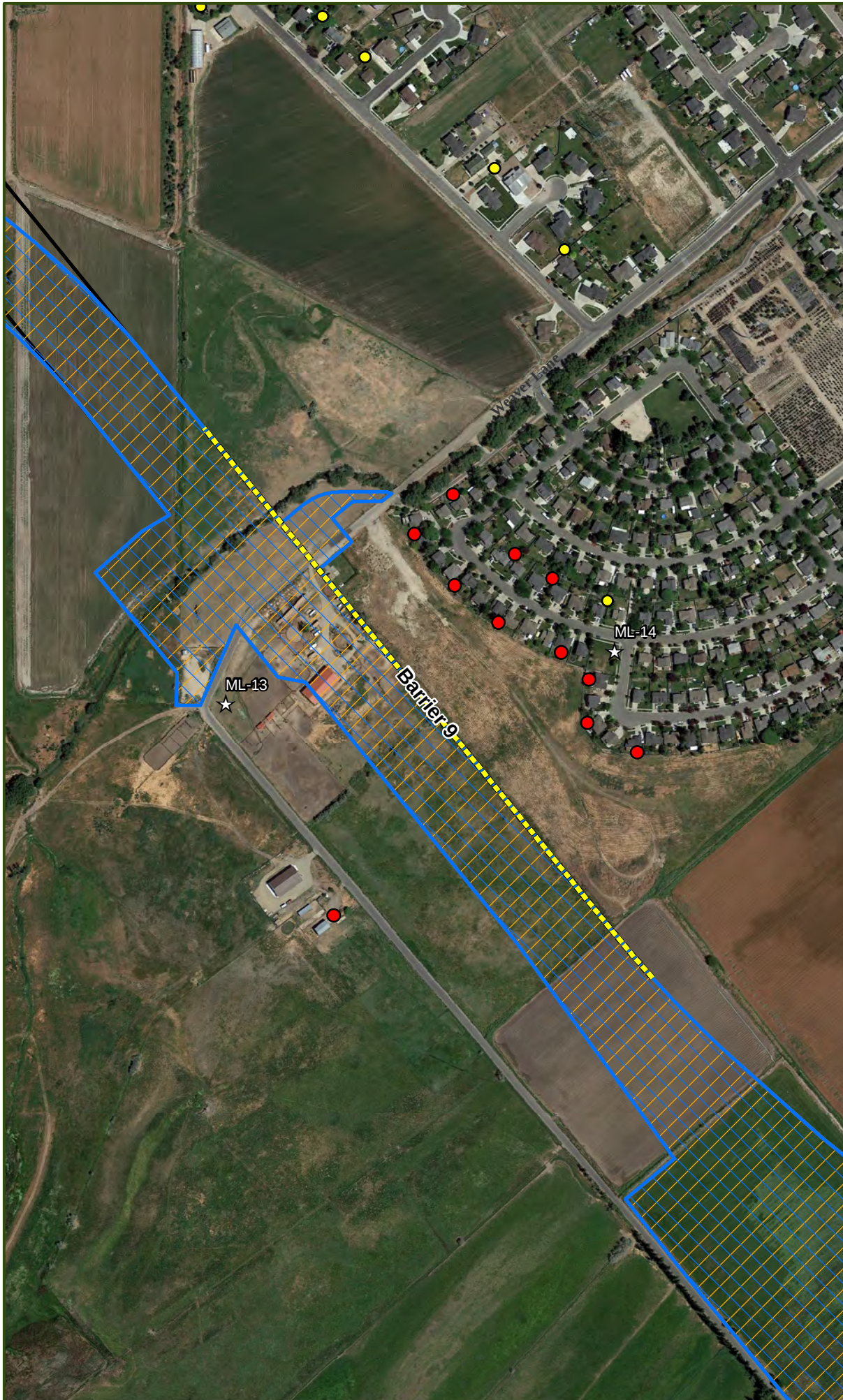


0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 12 of 36

Figure 12-12





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

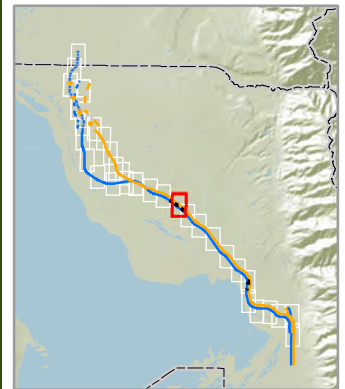
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

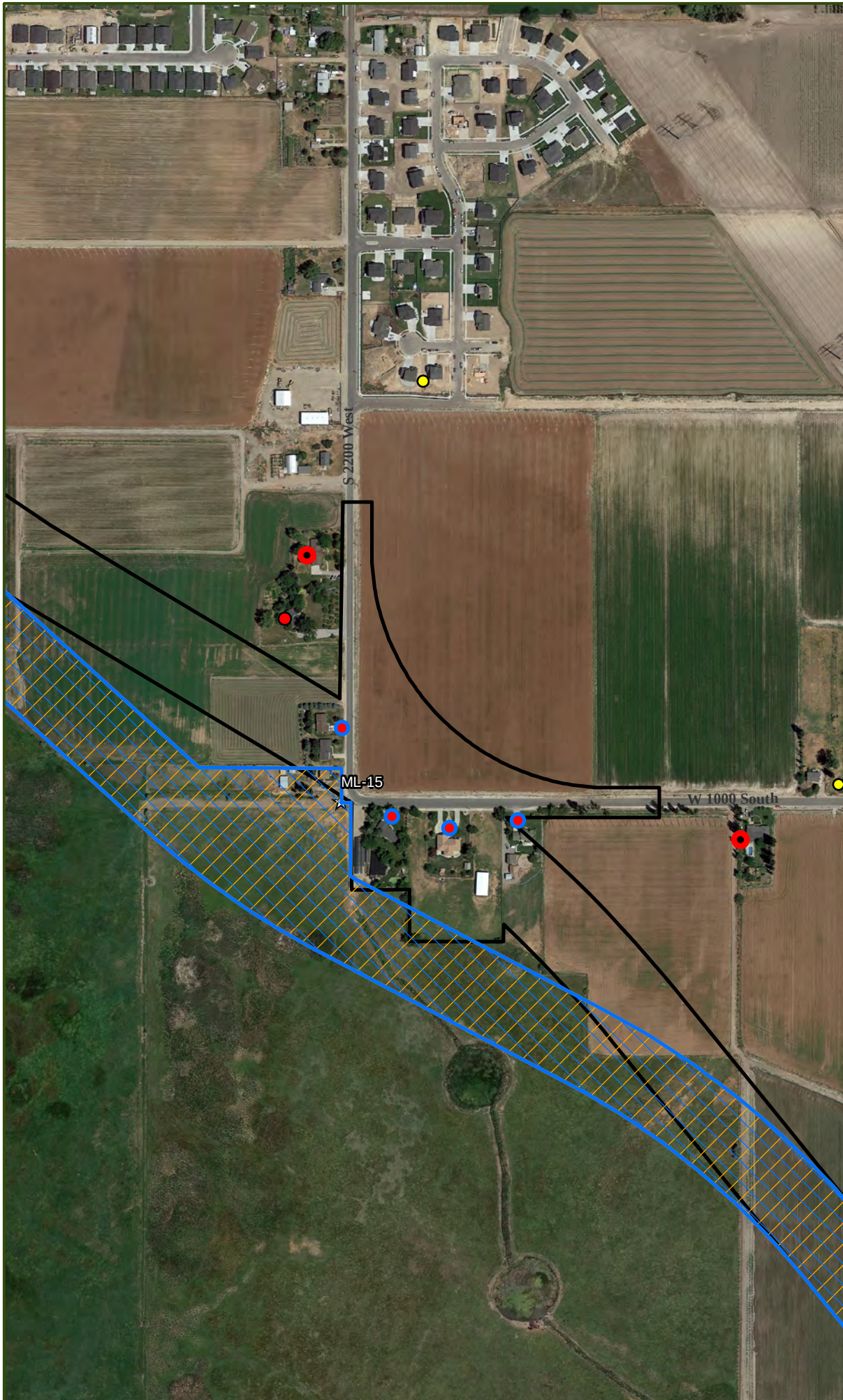


0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 13 of 36

Figure 12-13





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

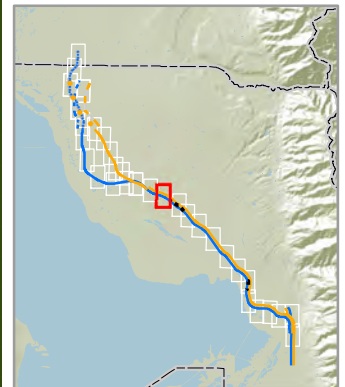
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

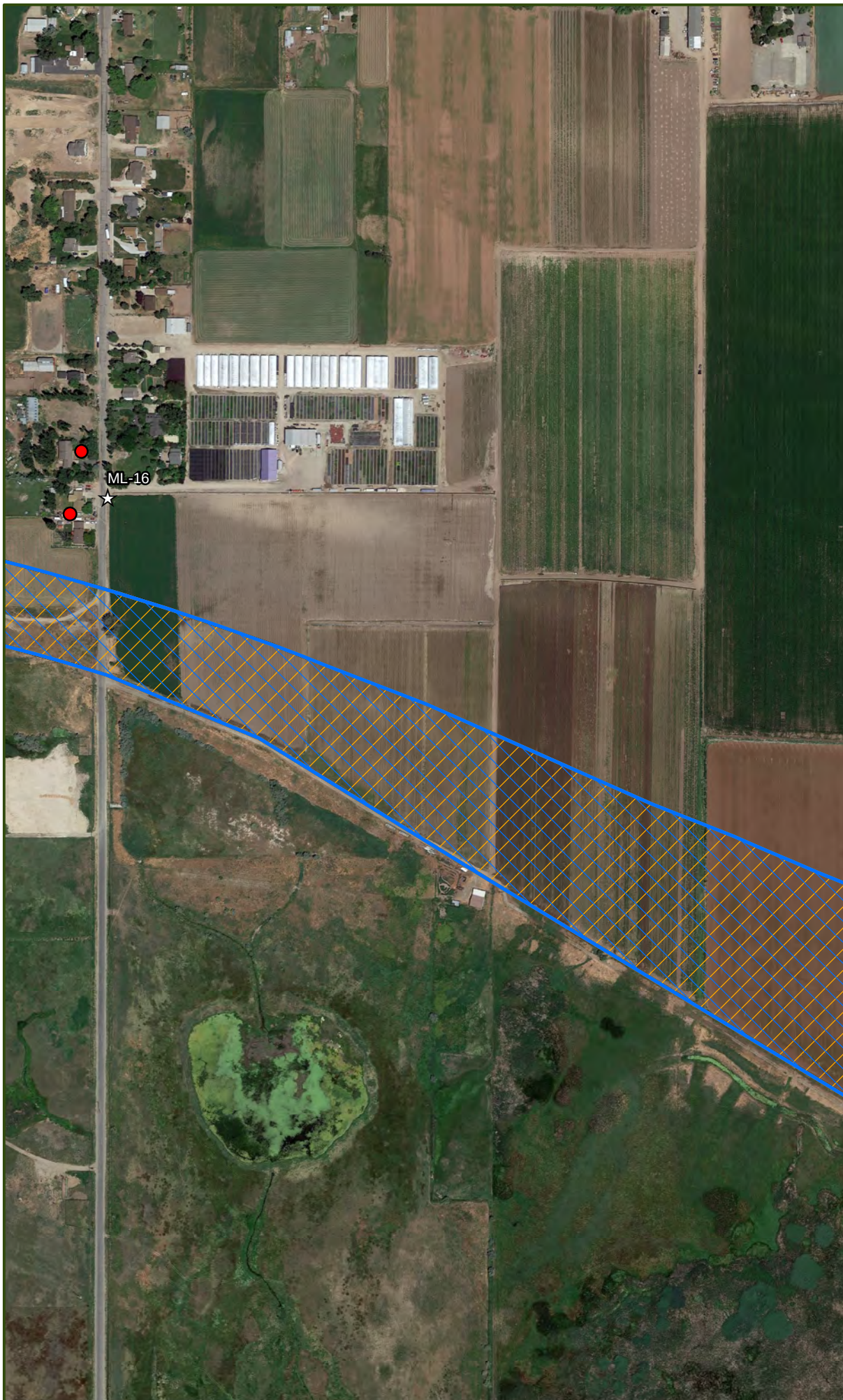


0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 14 of 36

Figure 12-14





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

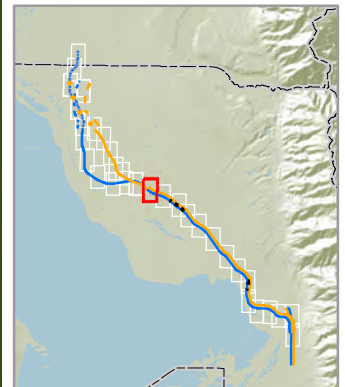
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

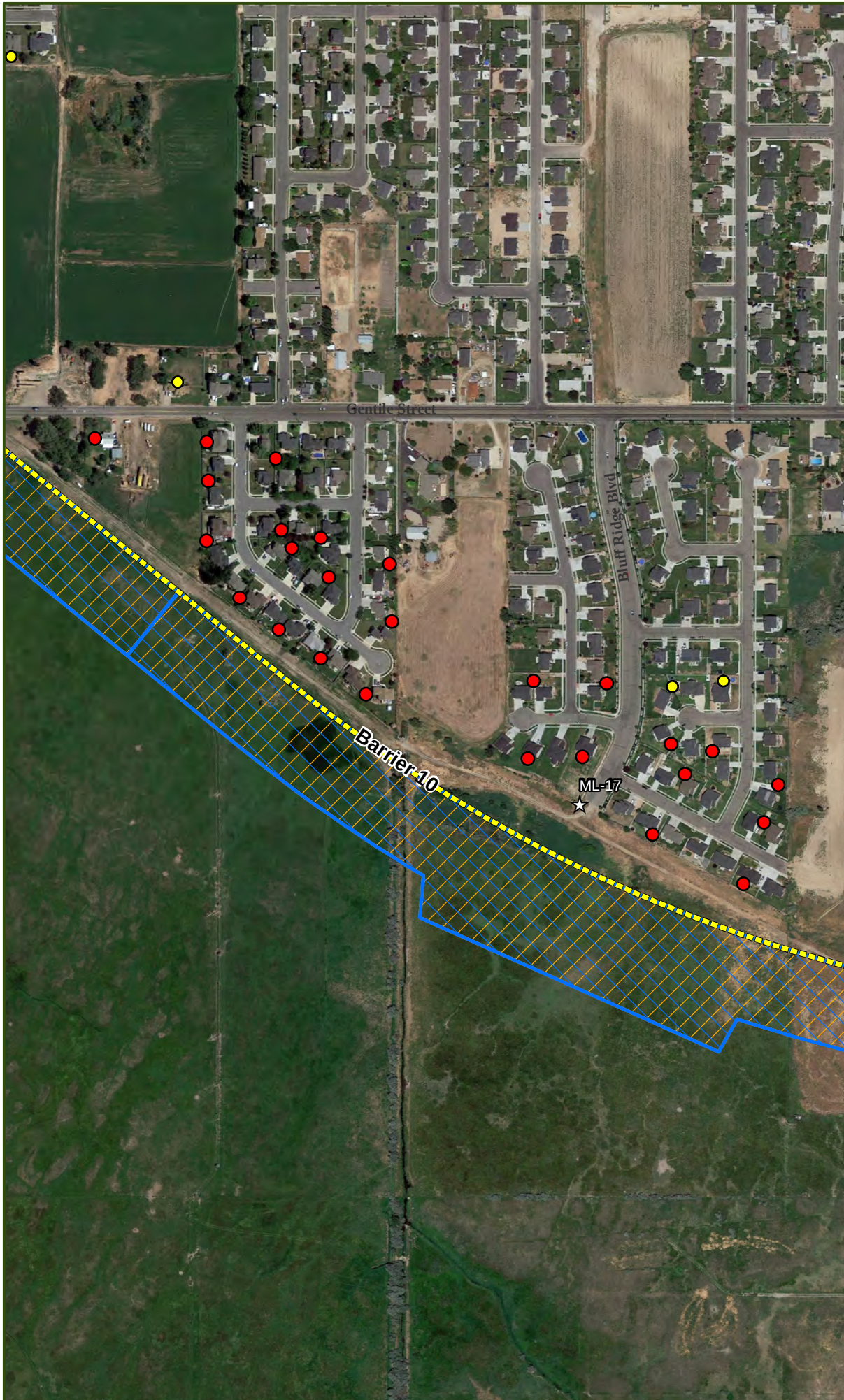


0 300 600
Feet

**Alternatives
A1, A2, B1 and B2
Noise Receptor Impacts**

Figure 15 of 36

Figure 12-15





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

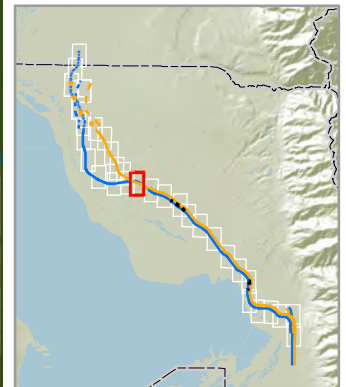
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

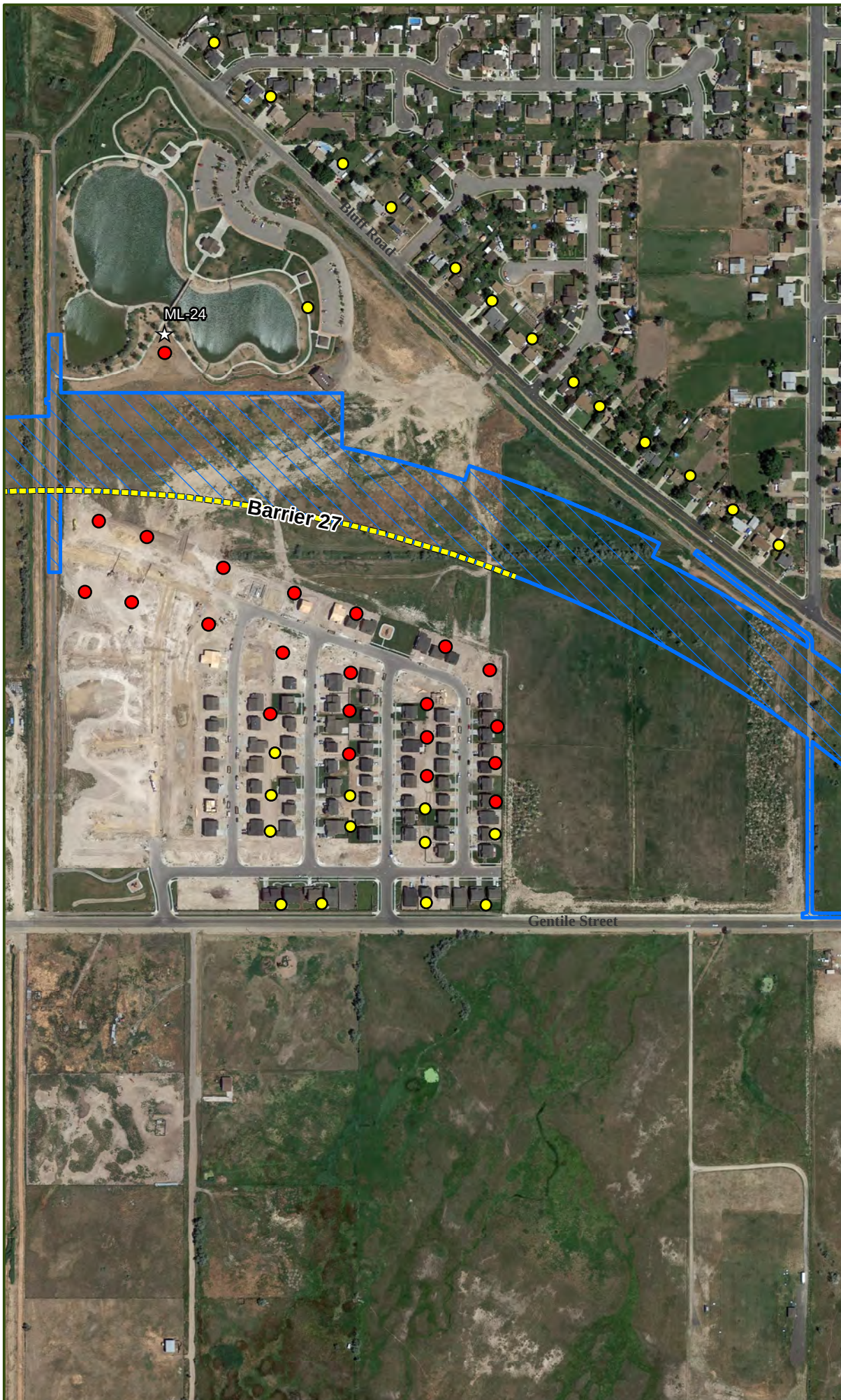


0 300 600
Feet

Alternatives A1 and A2
Noise Receptor Impacts

Figure 16 of 36

Figure 12-16





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

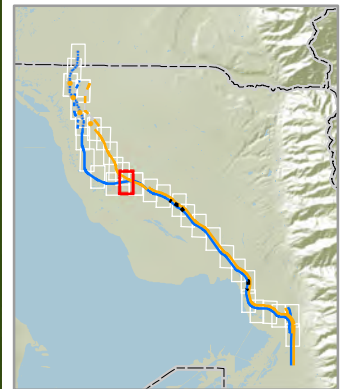
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate



0 300 600
Feet

Alternatives A1 and A2
Noise Receptor Impacts

Figure 17 of 36

Figure 12-17





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

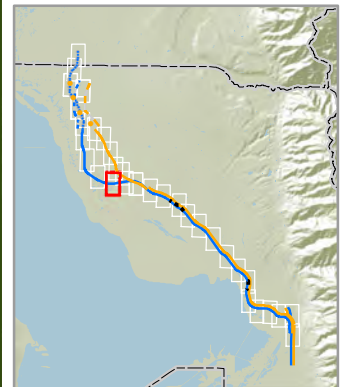
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate



0 300 600
Feet

**Alternatives A1 and A2
Noise Receptor Impacts**

Figure 18 of 36

Figure 12-18





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

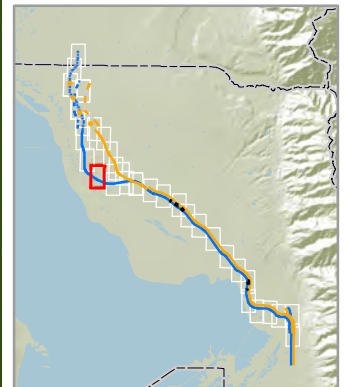
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- ■ ■ ■ Not Feasible or Reasonable
- ■ ■ ■ Feasible and Reasonable
- ▨ A Alternative ROW
- ▨ B Alternative ROW
- ▭ Wetland Avoidance Option - All Alternatives
- ▨ 4500 West Trail
- ▭ County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate



0 300 600
Feet

**Alternatives A1 and A2
Noise Receptor Impacts**

Figure 19 of 36

Figure 12-19





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

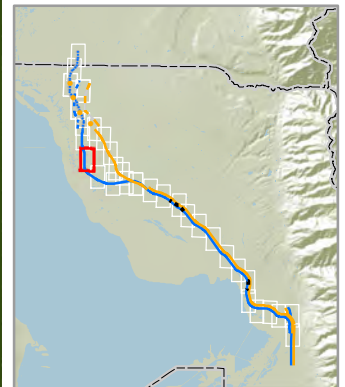
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ★ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

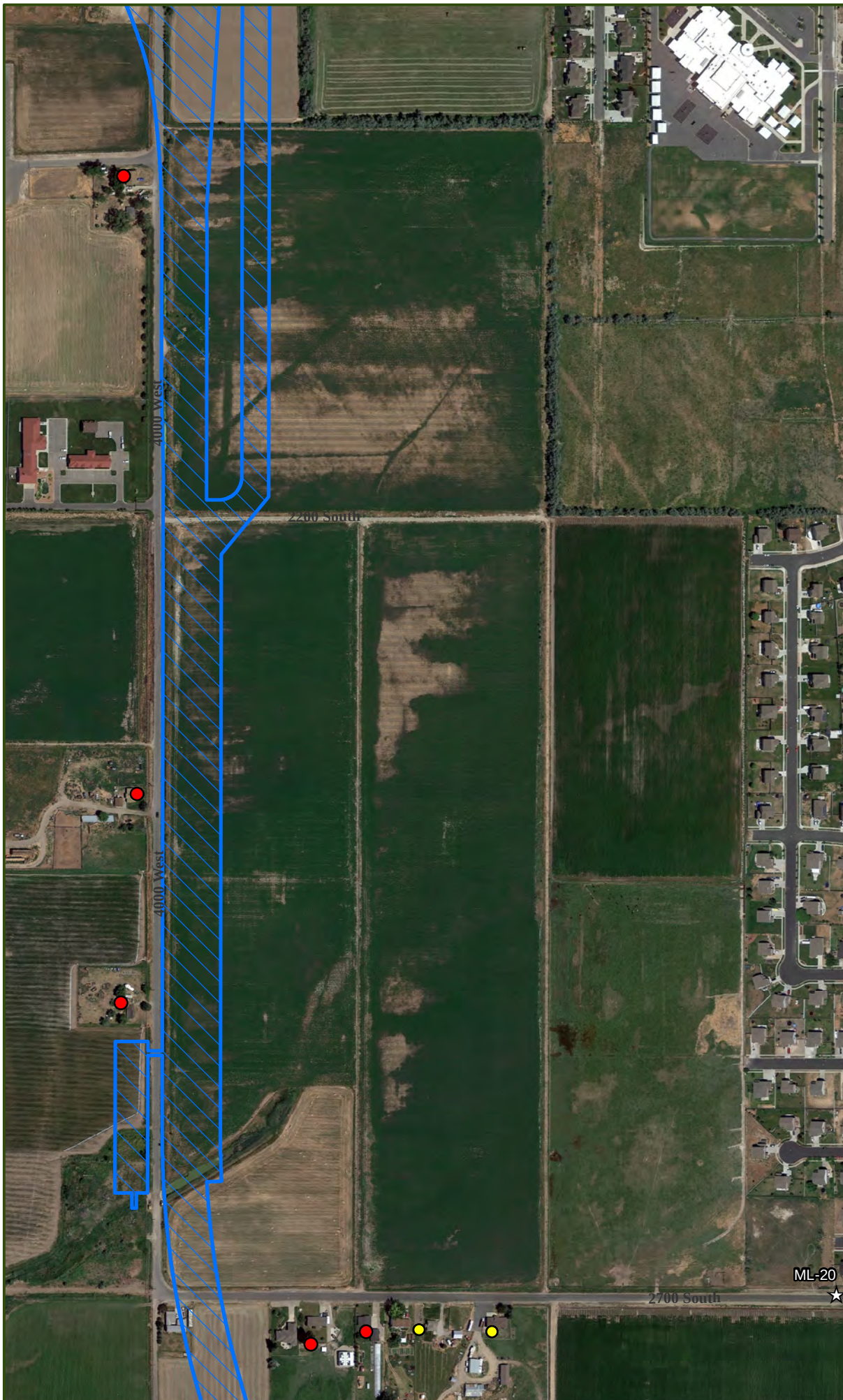


0 300 600
Feet

Alternatives A1 and A2
Noise Receptor Impacts

Figure 20 of 36

Figure 12-20





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

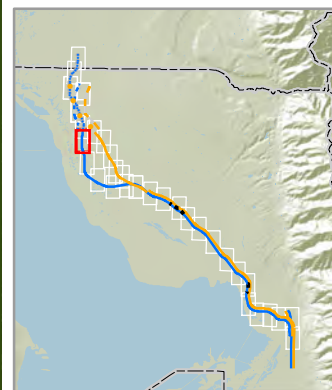
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate

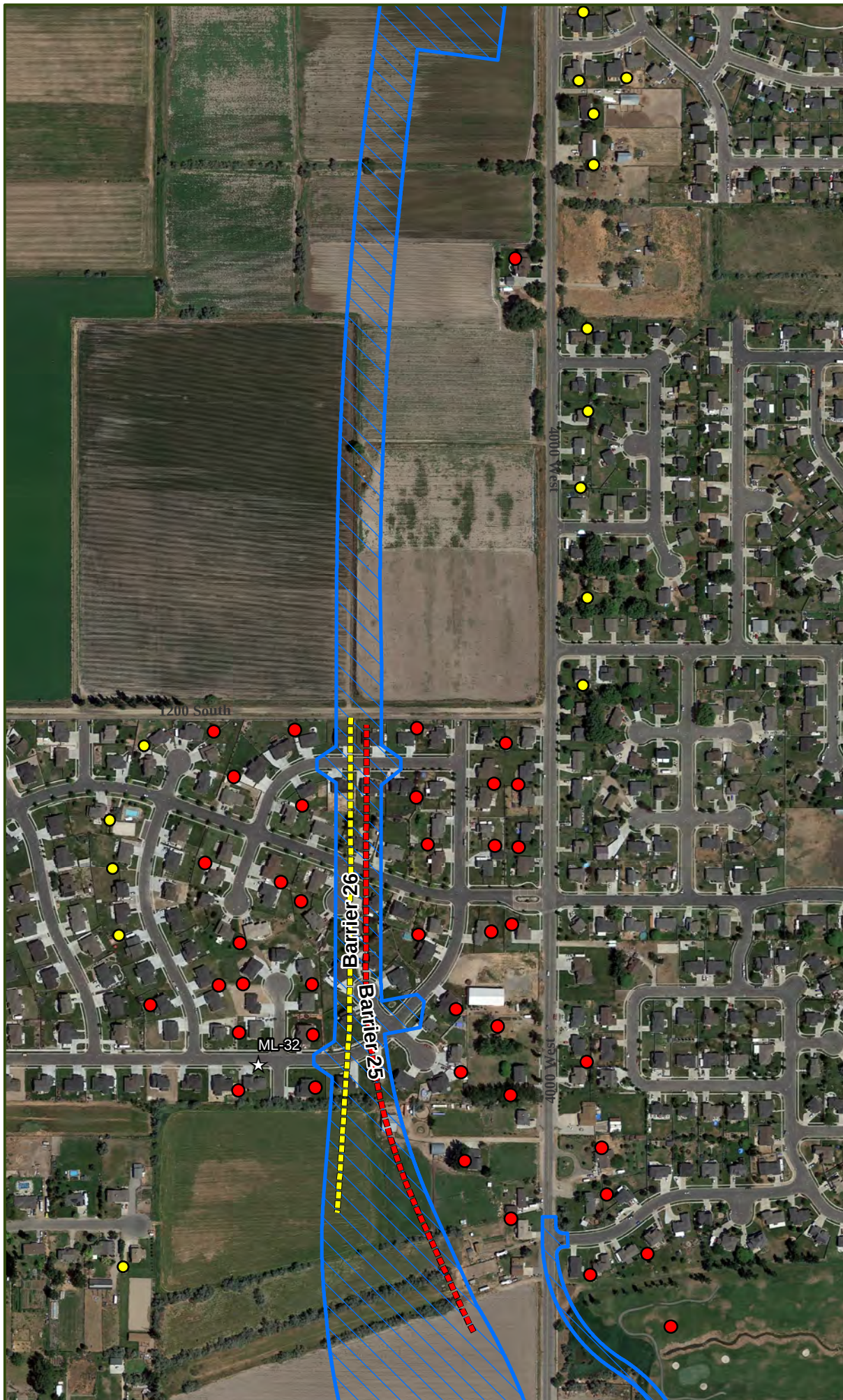


0 300 600
Feet

Alternatives A1 and A2
Noise Receptor Impacts

Figure 21 of 36

Figure 12-21





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

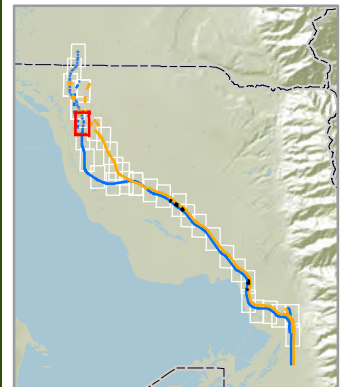
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate



0 300 600
Feet

Alternatives A1 and A2
Noise Receptor Impacts

Figure 22 of 36

Figure 12-22





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

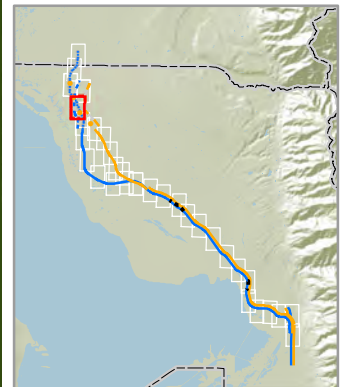
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- ▤▤▤▤ Not Feasible or Reasonable
- ▦▦▦▦ Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

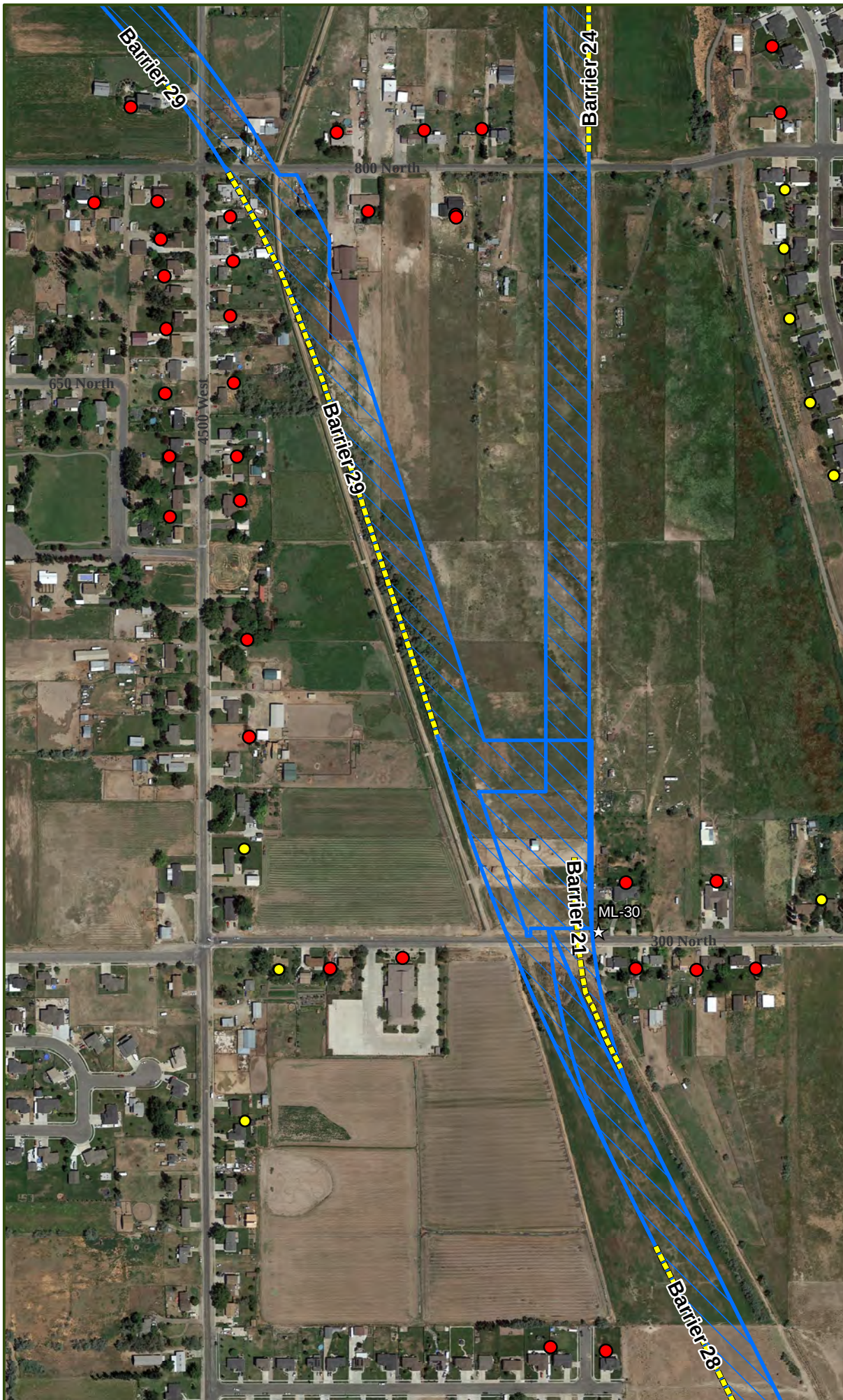


0 300 600
Feet

Alternatives A1 and A2
Noise Receptor Impacts

Figure 23 of 36

Figure 12-23





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

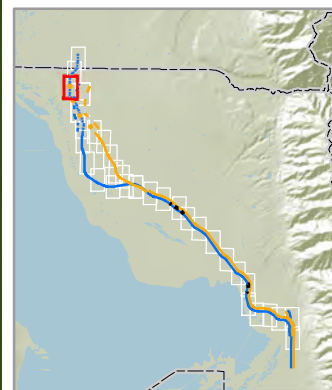
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ★ Monitoring Locations

Noise Barrier**

- Existing
- ■ ■ ■ Not Feasible or Reasonable
- ■ ■ ■ Feasible and Reasonable
- ▭ A Alternative ROW
- ▭ B Alternative ROW
- ▭ Wetland Avoidance Option - All Alternatives
- ▭ 4500 West Trail
- ▭ County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate

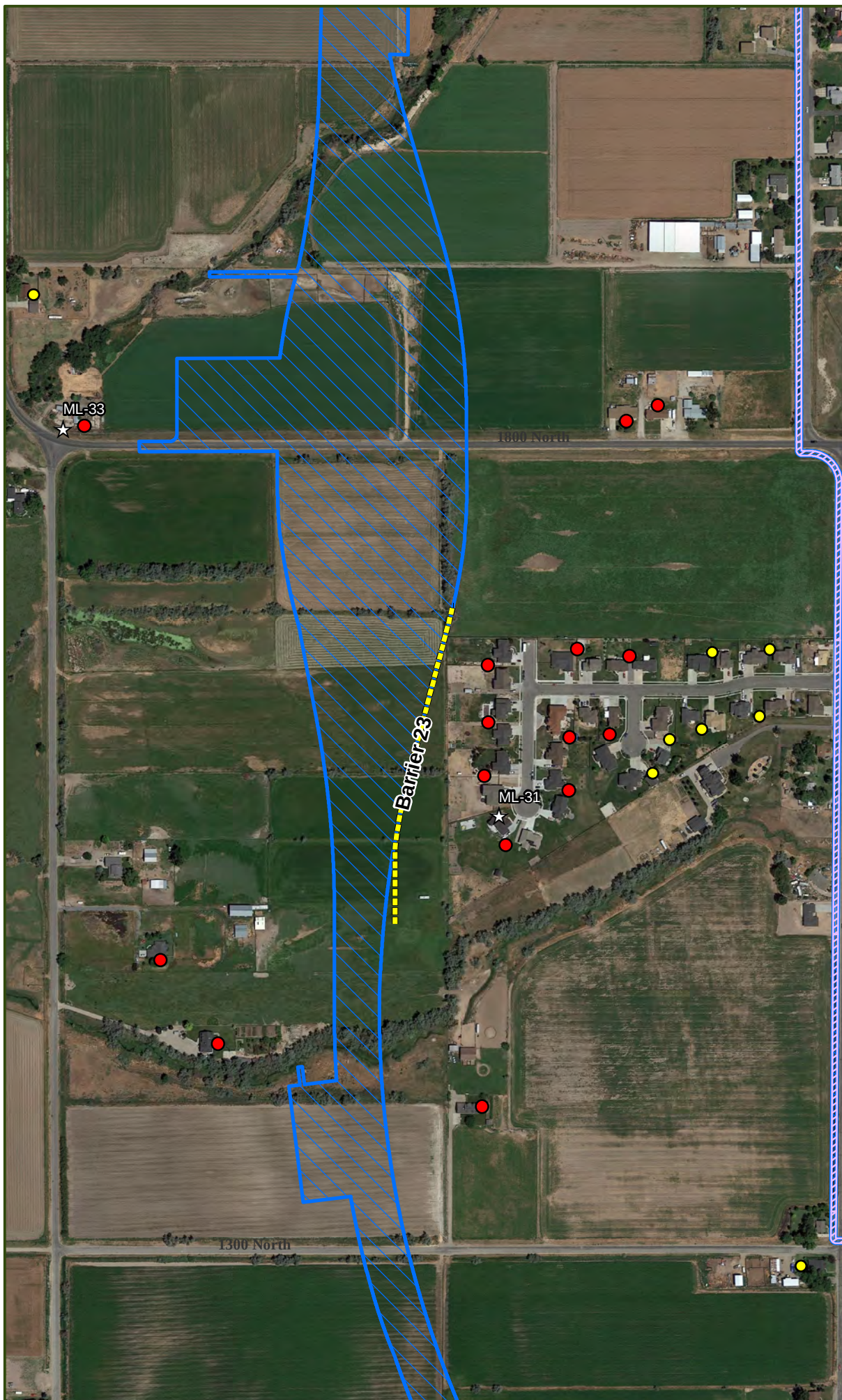


0 300 600
Feet

Alternative A2
Noise Receptor Impacts

Figure 24 of 36

Figure 12-24





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

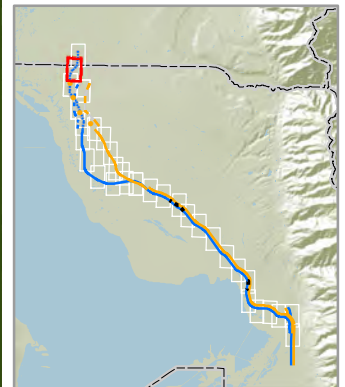
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate



0 300 600
Feet

Alternative A2
Noise Receptor Impacts

Figure 25 of 36

Figure 12-25





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

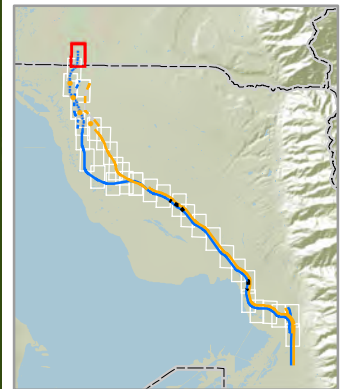
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

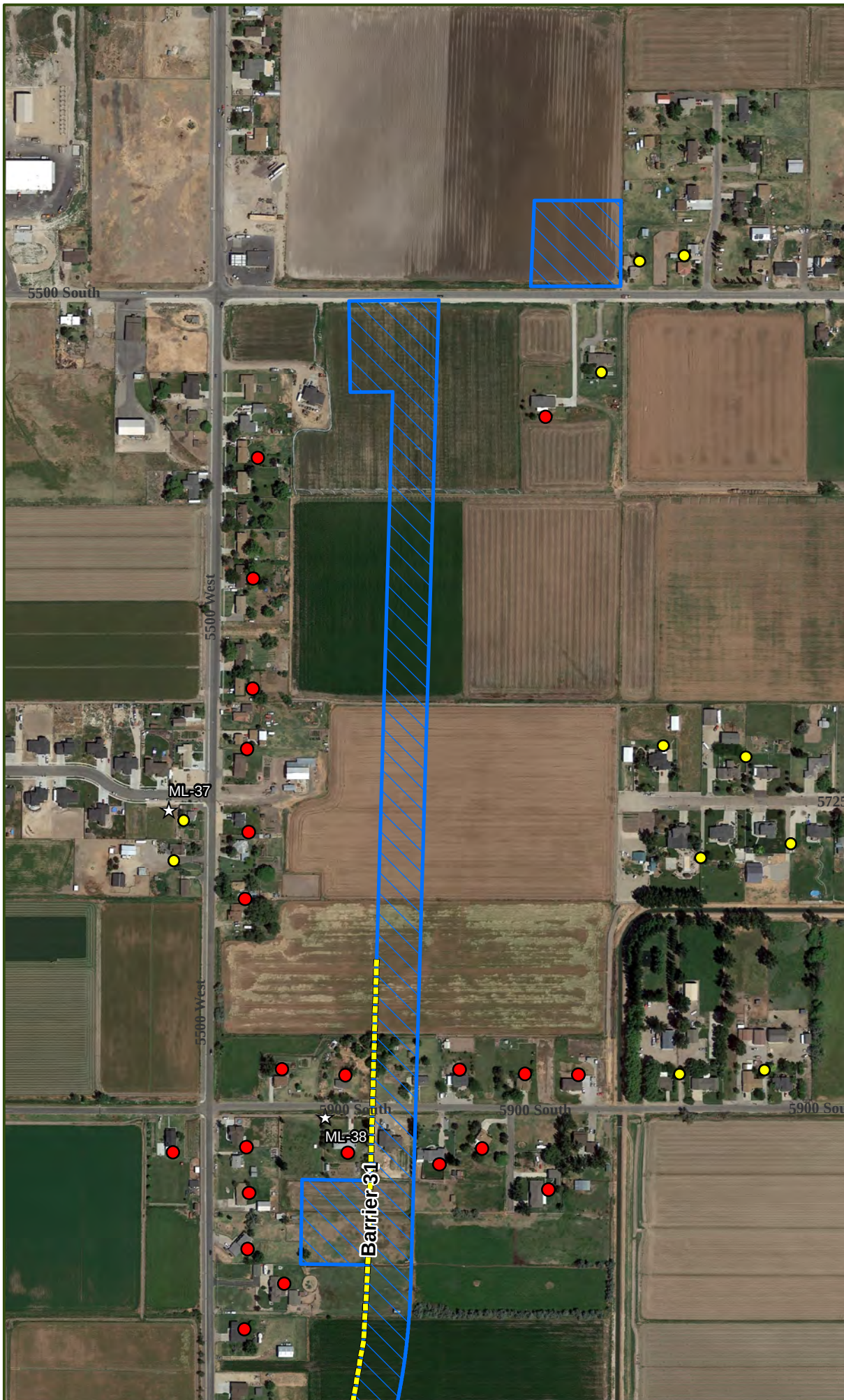


0 300 600
Feet

Alternative A2
Noise Receptor Impacts

Figure 26 of 36

Figure 12-26





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

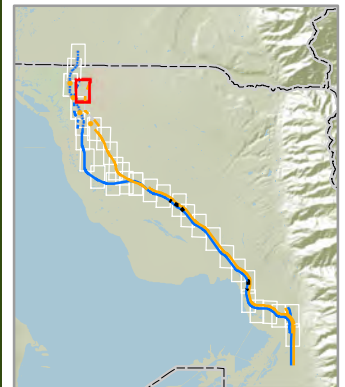
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ★ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate

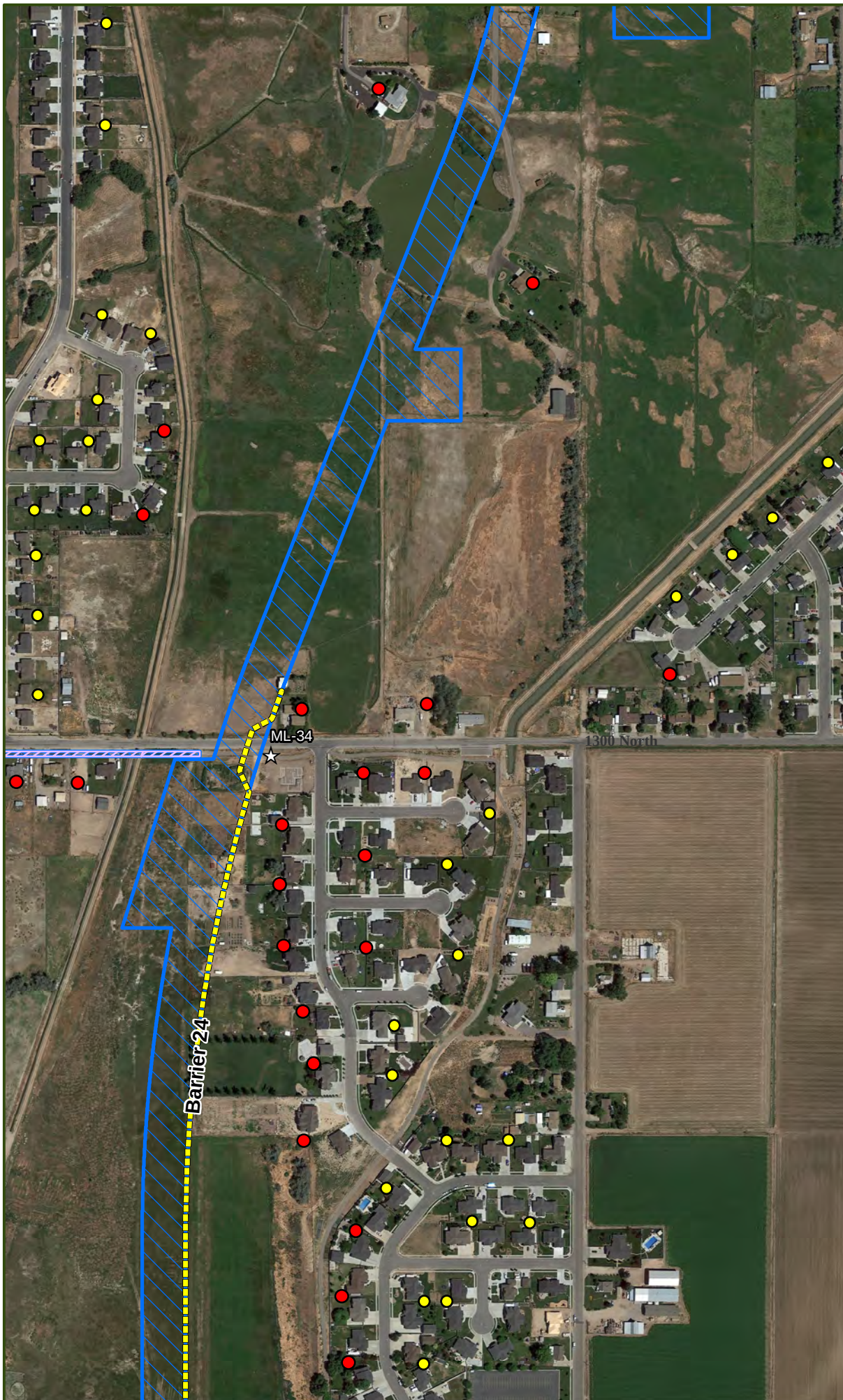


0 300 600
Feet

**Alternative A1
Noise Receptor Impacts**

Figure 27 of 36

Figure 12-27





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

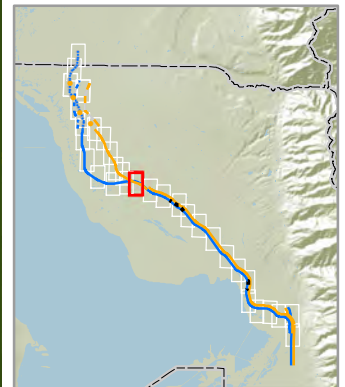
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ★ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate

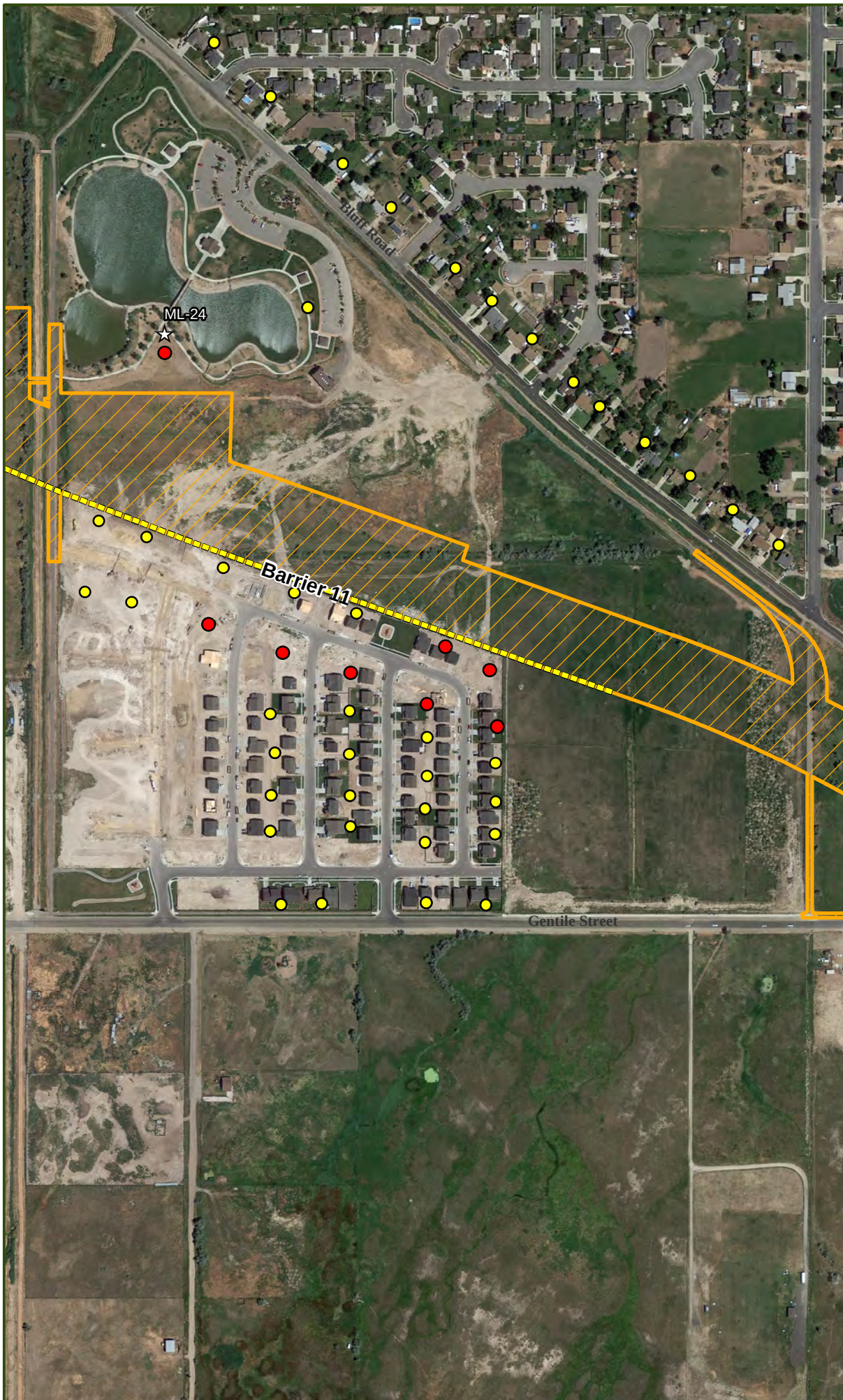


0 300 600
Feet

Alternatives B1 and B2
Noise Receptor Impacts

Figure 28 of 36

Figure 12-28





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

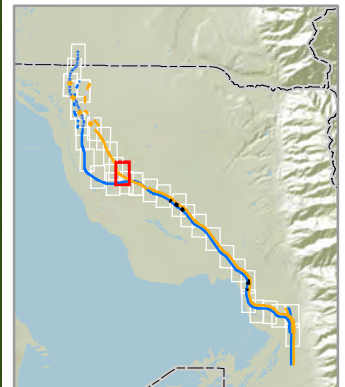
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

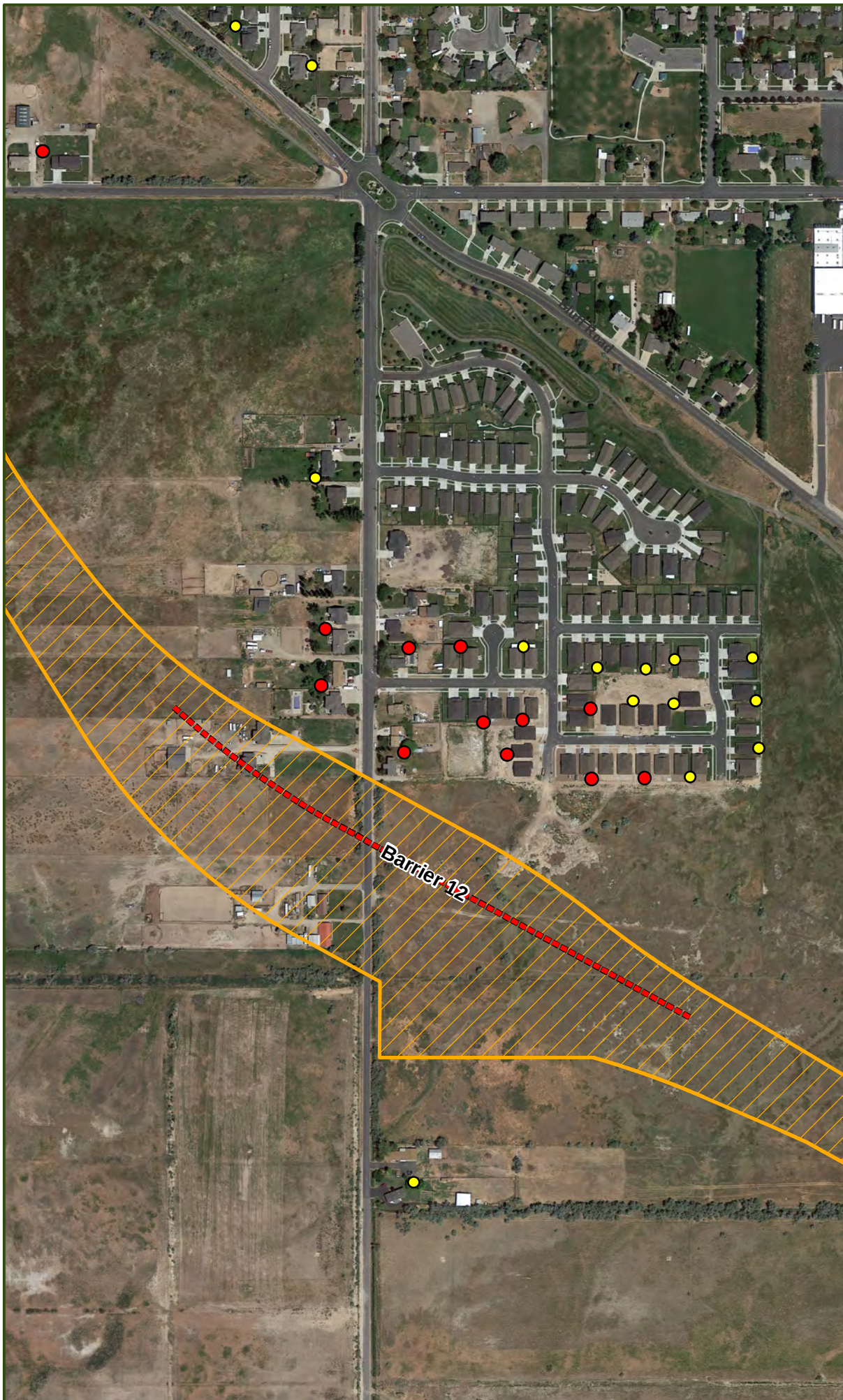


0 300 600
Feet

Alternatives B1 and B2
Noise Receptor Impacts

Figure 29 of 36

Figure 12-29





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

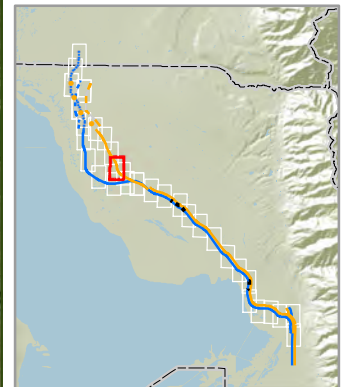
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

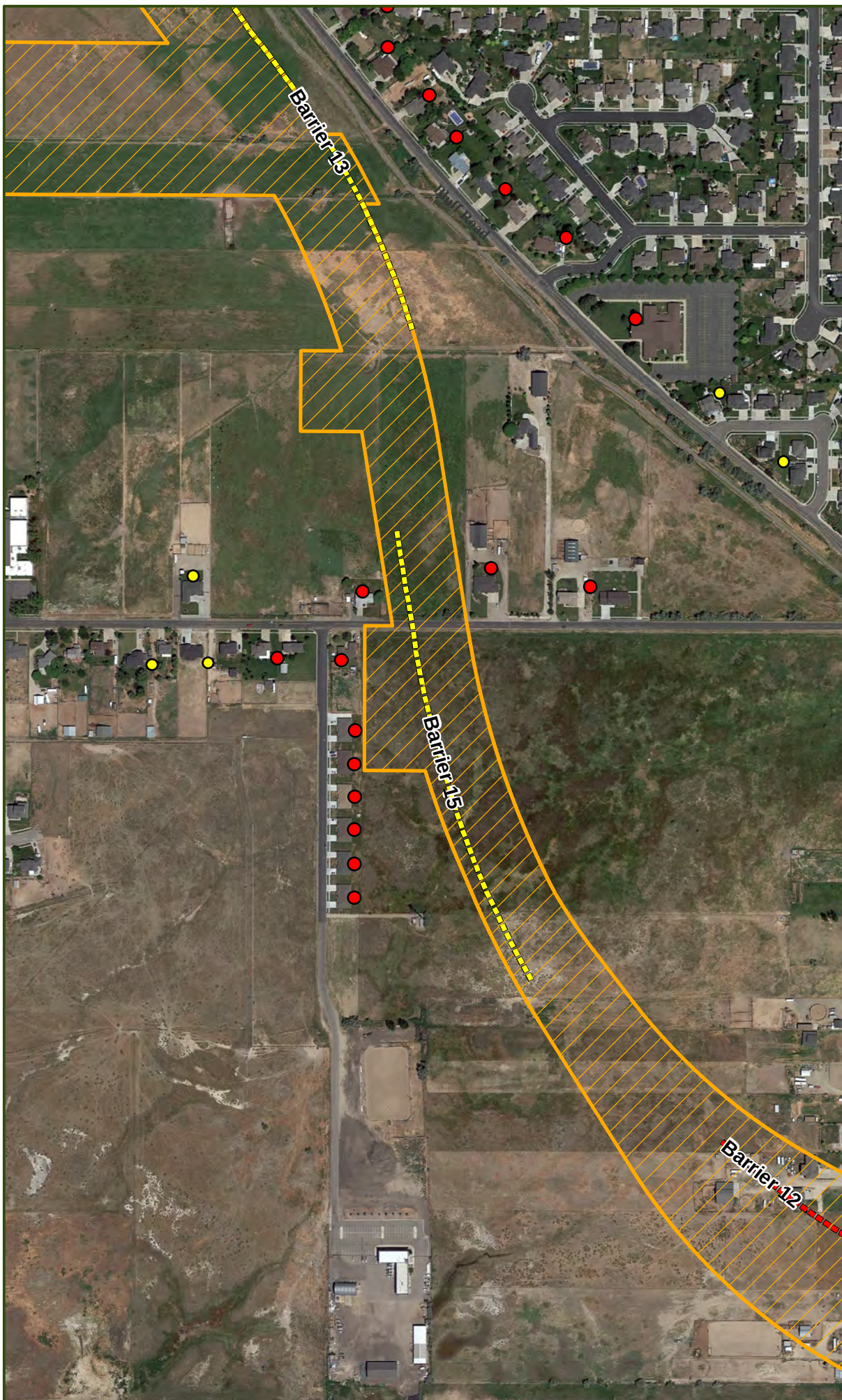


0 300 600
Feet

**Alternatives B1 and B2
Noise Receptor Impacts**

Figure 30 of 36

Figure 12-30





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

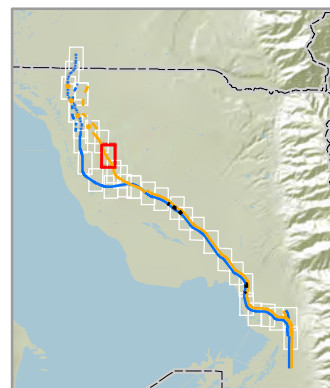
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ★ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate

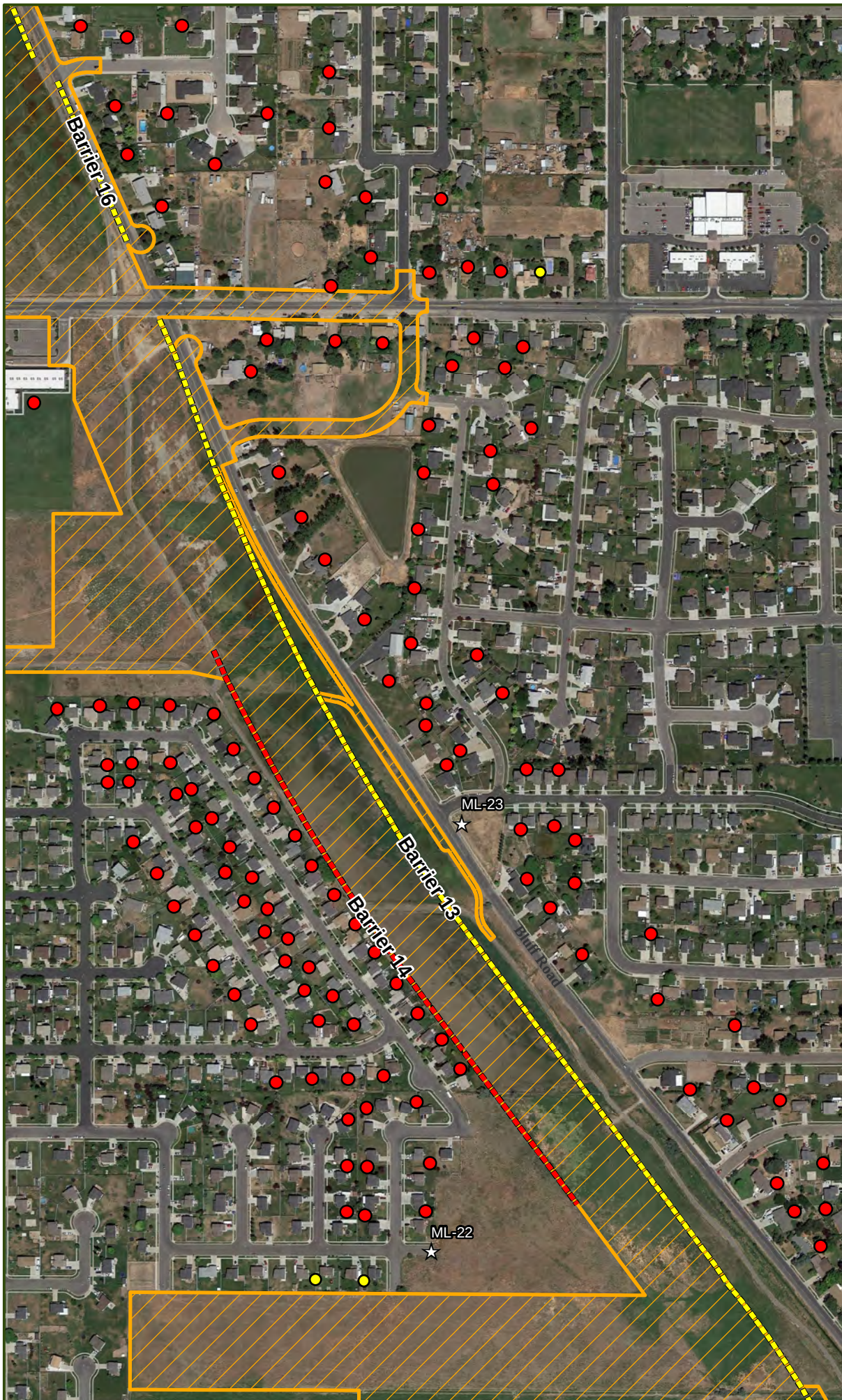


0 300 600
Feet

Alternatives B1 and B2
Noise Receptor Impacts

Figure 31 of 36

Figure 12-31





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

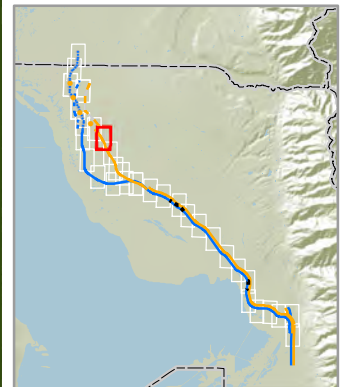
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

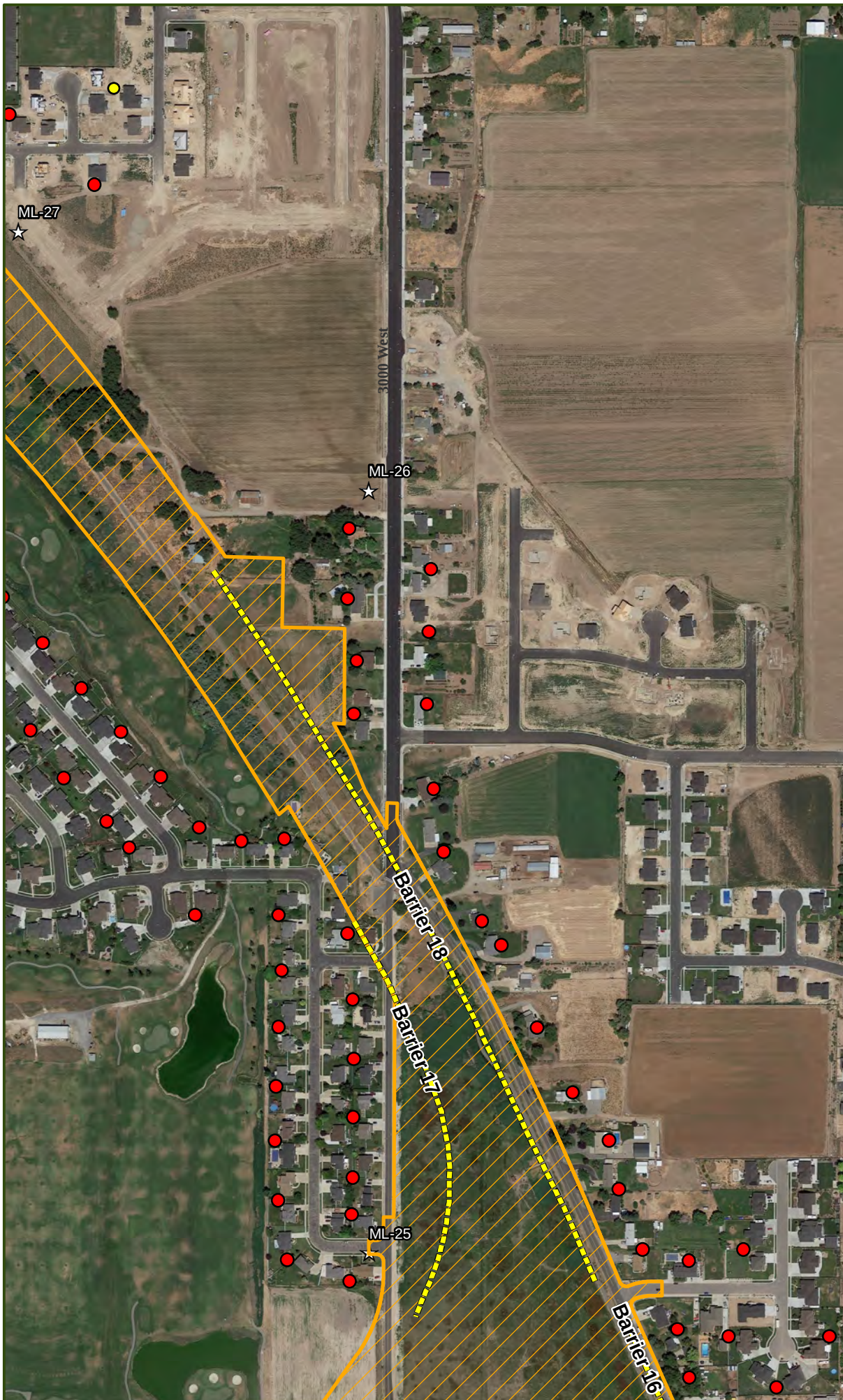


0 300 600
Feet

Alternatives B1 and B2
Noise Receptor Impacts

Figure 32 of 36

Figure 12-32





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

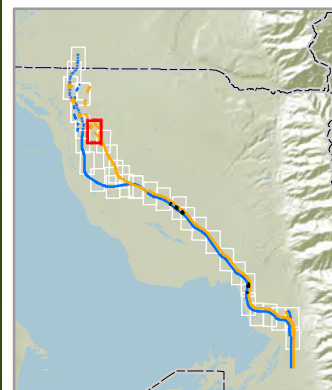
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ★ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate

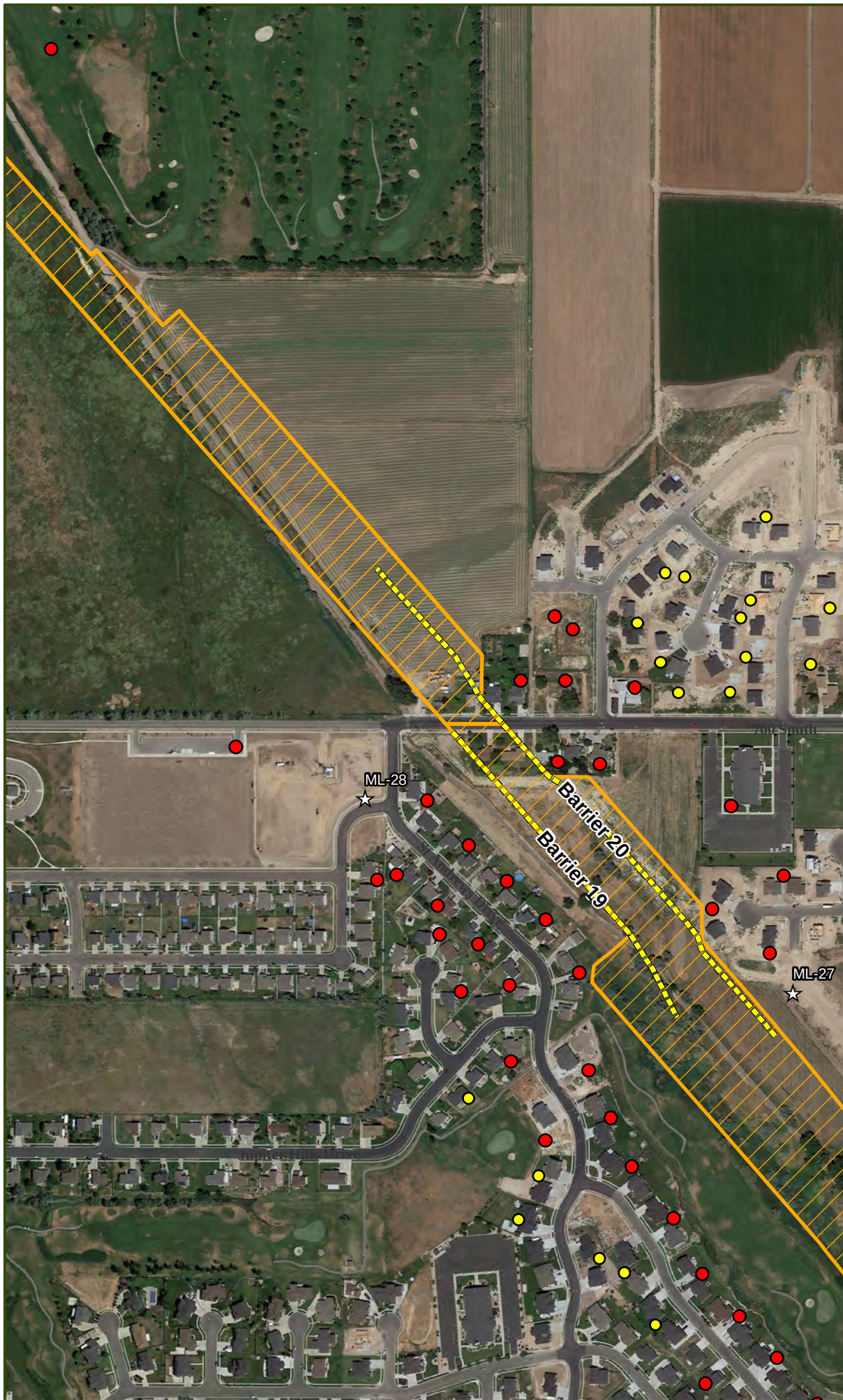


0 300 600
Feet

Alternatives B1 and B2
Noise Receptor Impacts

Figure 33 of 36

Figure 12-33





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

Noise Receptors*

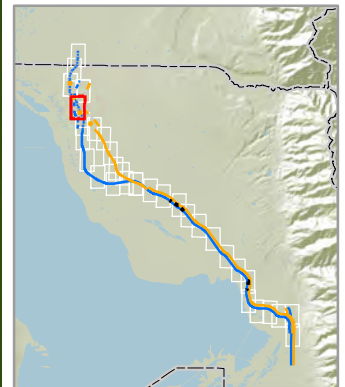
- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ☆ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background

** Noise barrier lengths are approximate

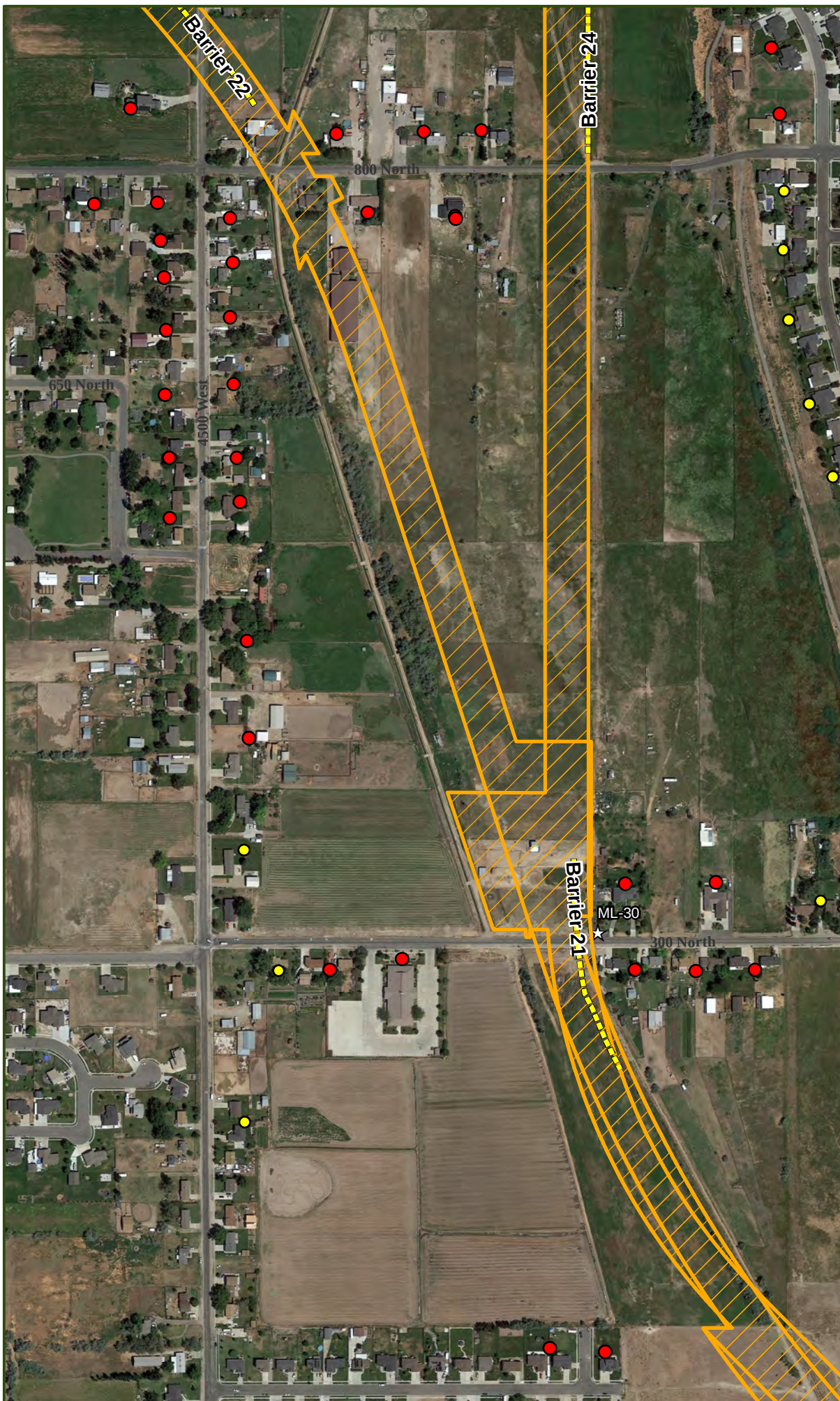


0 300 600
Feet

Alternatives B1 and B2
Noise Receptor Impacts

Figure 34 of 36

Figure 12-34





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

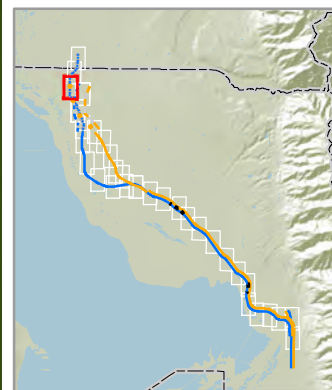
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ★ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- ▭ A Alternative ROW
- ▭ B Alternative ROW
- ▭ Wetland Avoidance Option - All Alternatives
- ▭ 4500 West Trail
- ▭ County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate

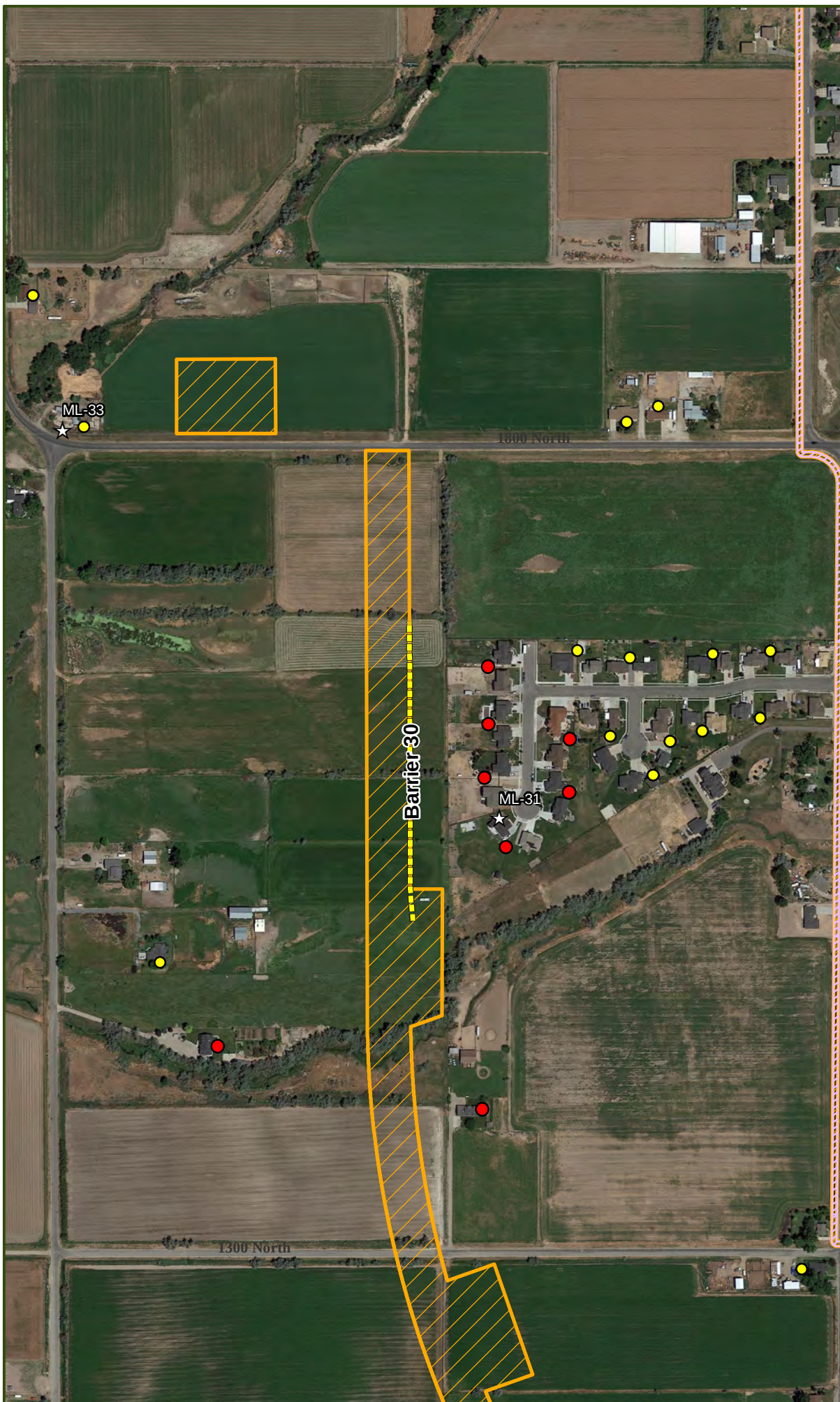


0 300 600
Feet

**Alternative B2
Noise Receptor Impacts**

Figure 35 of 36

Figure 12-35





WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

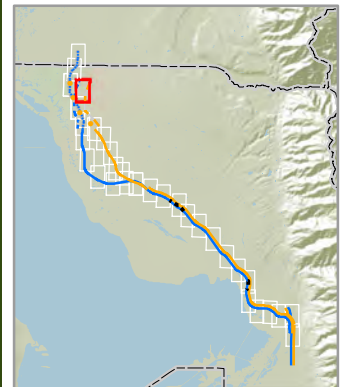
Noise Receptors*

- Impacted
- Impacted, Taken by Wetland Avoidance Option
- Wetland Avoidance Impact
- Not Impacted
- ★ Monitoring Locations

Noise Barrier**

- Existing
- Not Feasible or Reasonable
- Feasible and Reasonable
- A Alternative ROW
- B Alternative ROW
- Wetland Avoidance Option - All Alternatives
- 4500 West Trail
- County Boundary

* Noise level ≥ 66 dBA or ≥ 10 dBA over background
** Noise barrier lengths are approximate

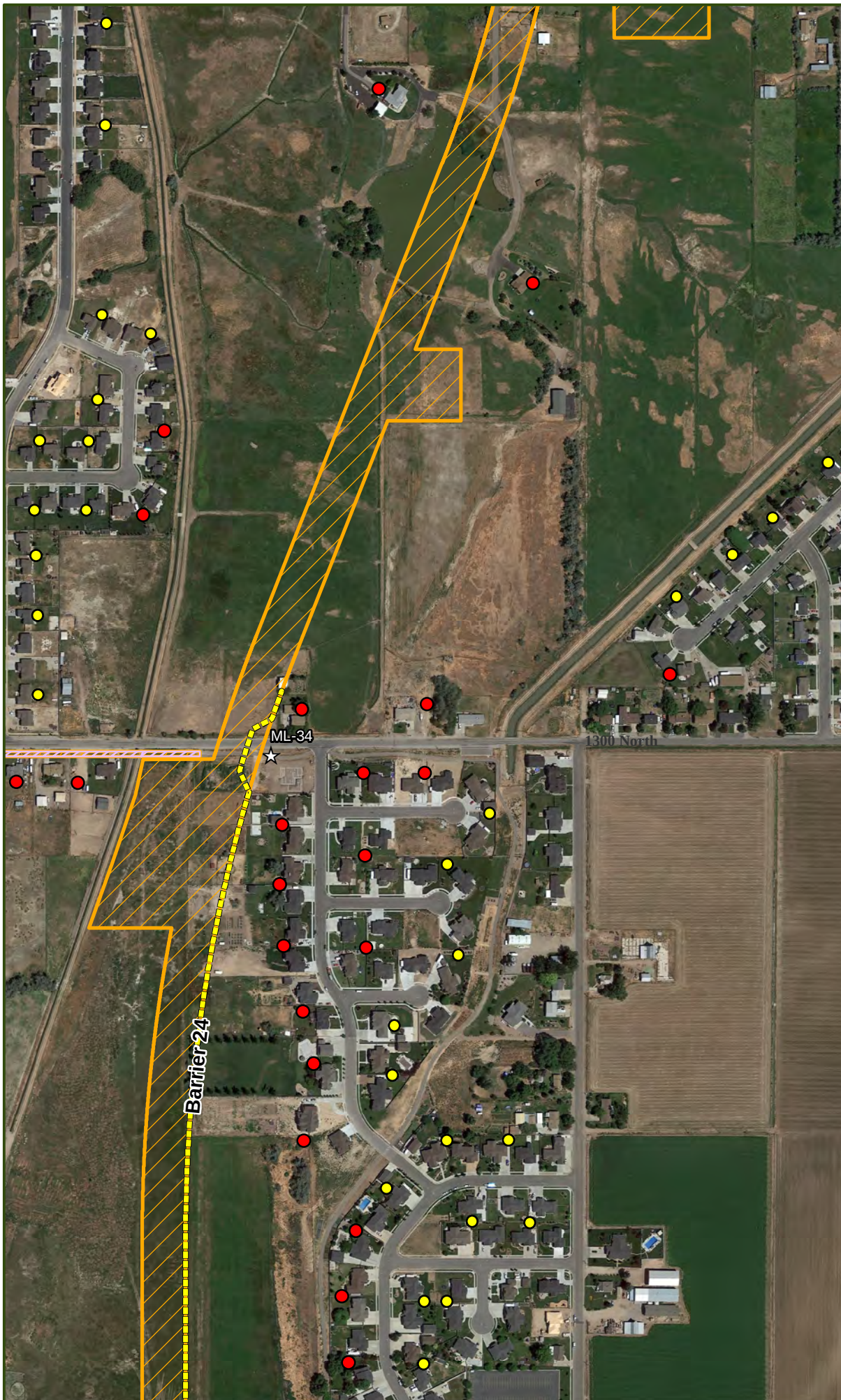


0 300 600
Feet

**Alternative B1
Noise Receptor Impacts**

Figure 36 of 36

Figure 12-36





WEST DAVIS CORRIDOR

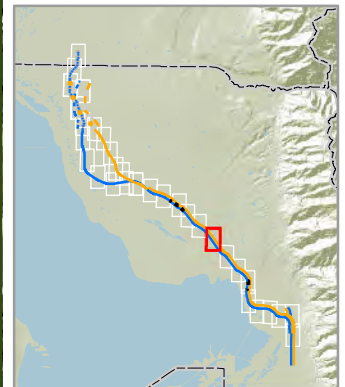
ENVIRONMENTAL IMPACT STATEMENT

Legend

-  Northbound Noise Contour*
-  Southbound Noise Contour**
-  A Alternative ROW
-  B Alternative ROW

* Distance to 66 dBA residential noise abatement criteria (NAC) is 218 feet from centerline of travel lane.

** Distance to 66 dBA residential NAC is 231 feet from centerline of travel lane.



0 300 600
Feet

**Four-Lane
Noise Contours**

Figure 12-37



WEST DAVIS CORRIDOR

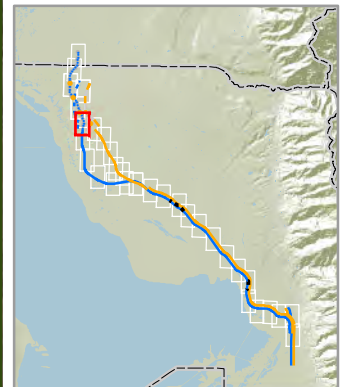
ENVIRONMENTAL IMPACT STATEMENT

Legend

-  Northbound Noise Contour*
-  Southbound Noise Contour**
-  A Alternative ROW

* Distance to 66 dBA residential noise abatement criteria (NAC) is 218 feet from centerline of travel lane.

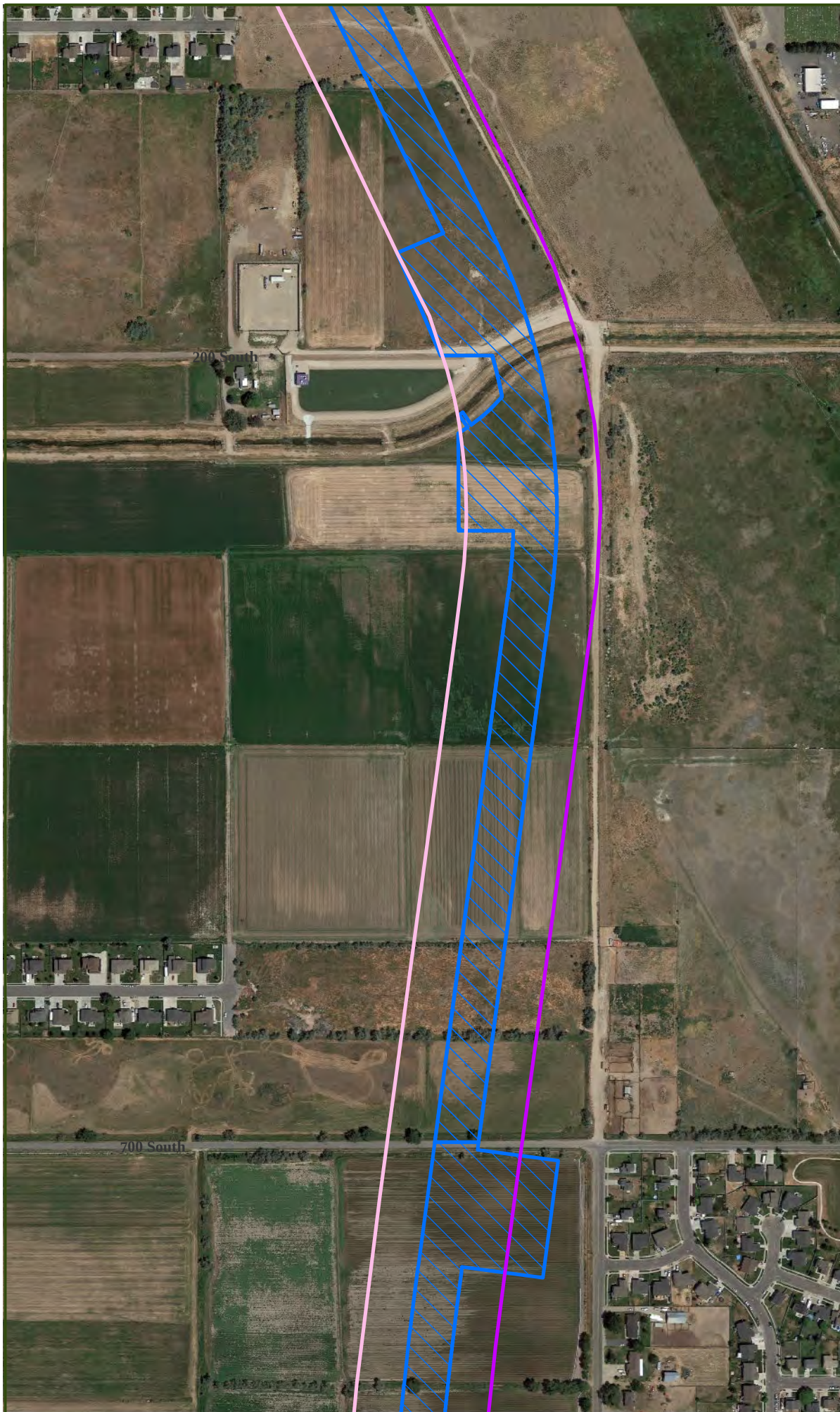
** Distance to 66 dBA residential NAC is 231 feet from centerline of travel lane.



0 300 600
Feet

**Two-Lane
Noise Contours**

Figure 12-38



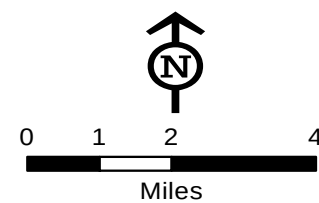


WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

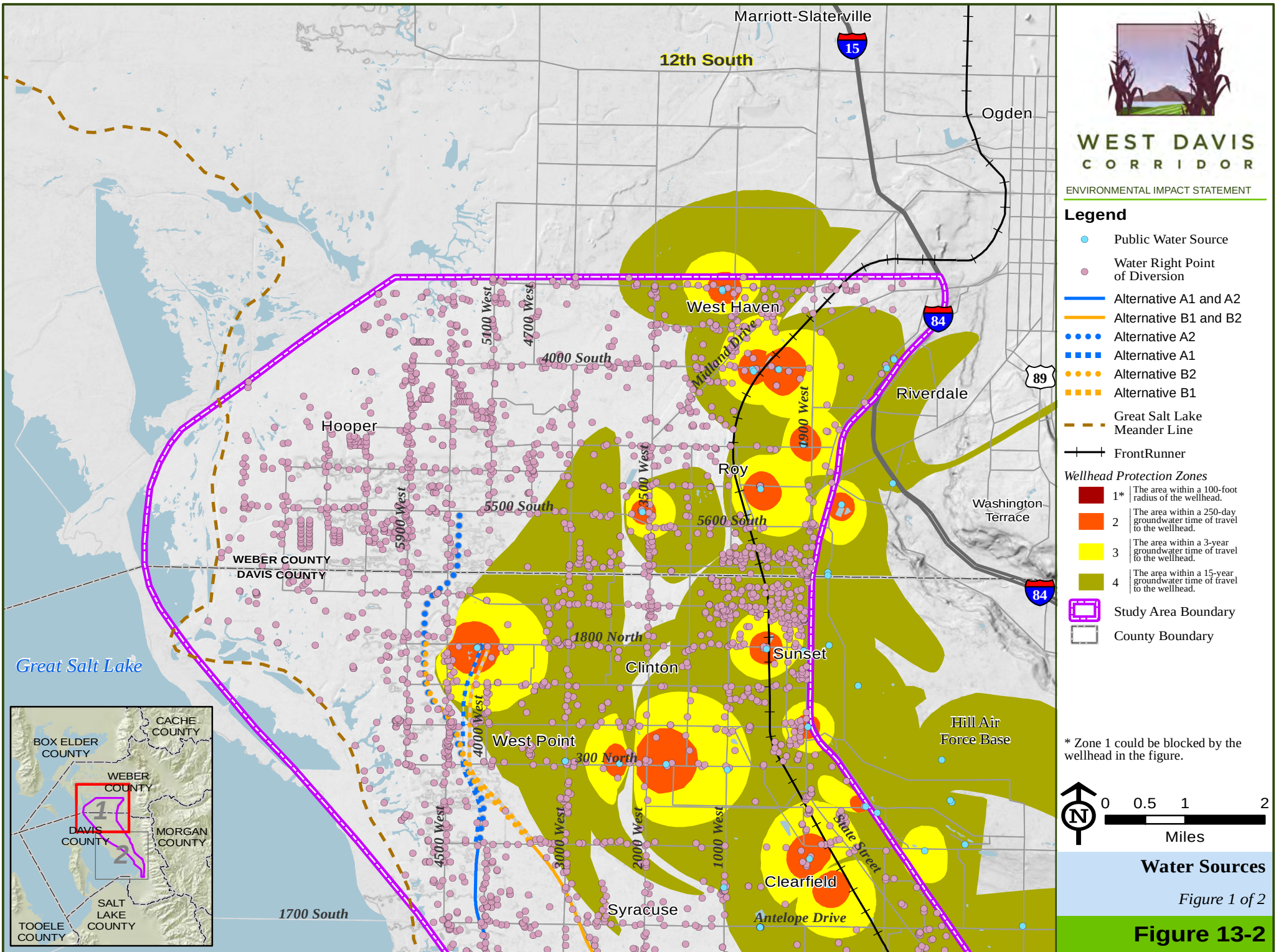
Legend

- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- Great Salt Lake Meander Line
- Wetland Avoidance Option - All Alternatives
- River/Stream
- FrontRunner
- Watershed (HUC 10)
 - Cottonwood Creek – Weber River
 - Farmington Bay Frontal
 - Fourmile Creek – Weber River
 - Great Salt Lake
- Impact Analysis Area Boundary
- County Boundary



Water Bodies and Watersheds

Figure 13-1





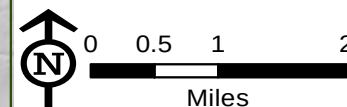
WEST DAVIS CORRIDOR

ENVIRONMENTAL IMPACT STATEMENT

Legend

- Public Water Source
- Water Right Point of Diversion
- Alternative A1 and A2
- Alternative B1 and B2
- Alternative A2
- Alternative A1
- Alternative B2
- Alternative B1
- Wetland Avoidance Option - All Alternatives
- Great Salt Lake Meander Line
- FrontRunner
- Wellhead Protection Zones**
 - 1* The area within a 100-foot radius of the wellhead.
 - 2 The area within a 250-day groundwater time of travel to the wellhead.
 - 3 The area within a 3-year groundwater time of travel to the wellhead.
 - 4 The area within a 15-year groundwater time of travel to the wellhead.
- Study Area Boundary
- County Boundary

* Zone 1 could be blocked by the wellhead in the figure.



Water Sources

Figure 2 of 2

Figure 13-3

