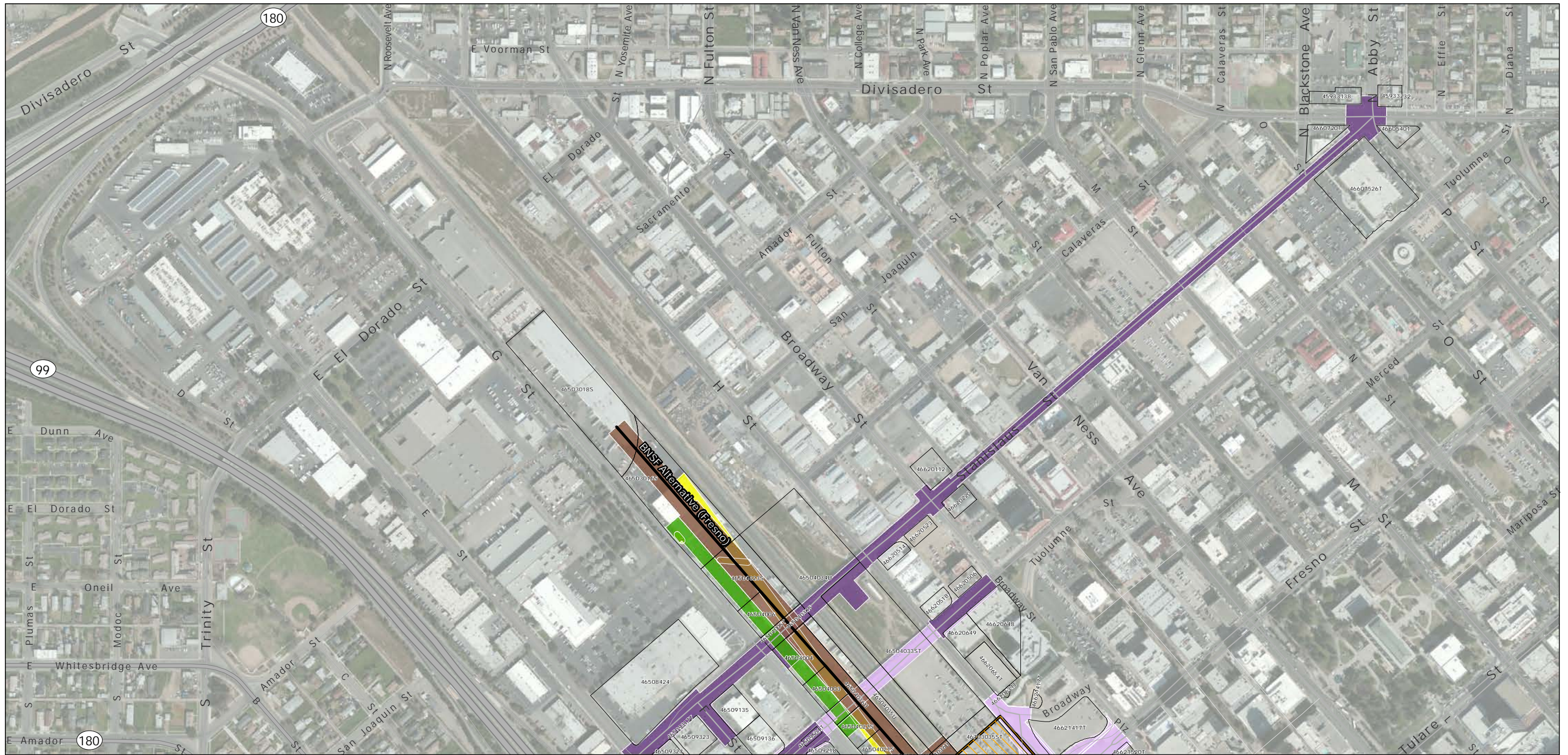


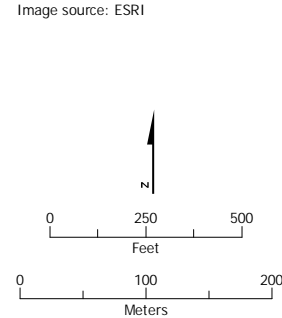
NOTE: Description of graphics/pictures in this document are all the same. They are described as follows:

Aerial map showing portion of the project footprint, including alternative alignment, parcels within or intersecting the project footprint for the alignment alternatives, HMFs, station study areas, and other features. Effects shown include temporary and permanent, utilities (natural gas, petroleum, transmission, or water line), systems (interlocking site, radio site, traction power facility), hydrology (canal relocation, drainage basin), and track (access road, rail relations, maintenance of infrastructure).



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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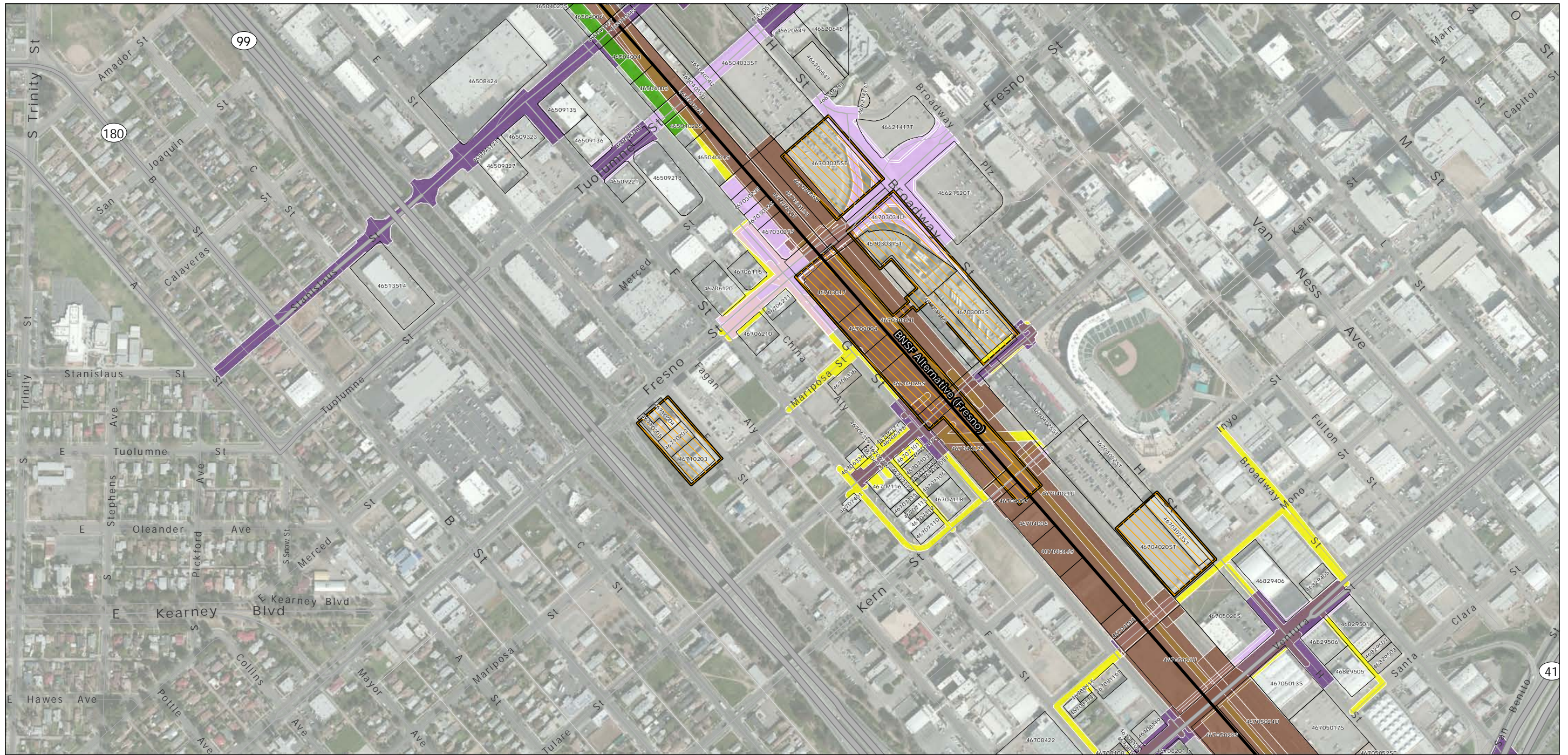


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)

- Utilities**
 - Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
 - Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

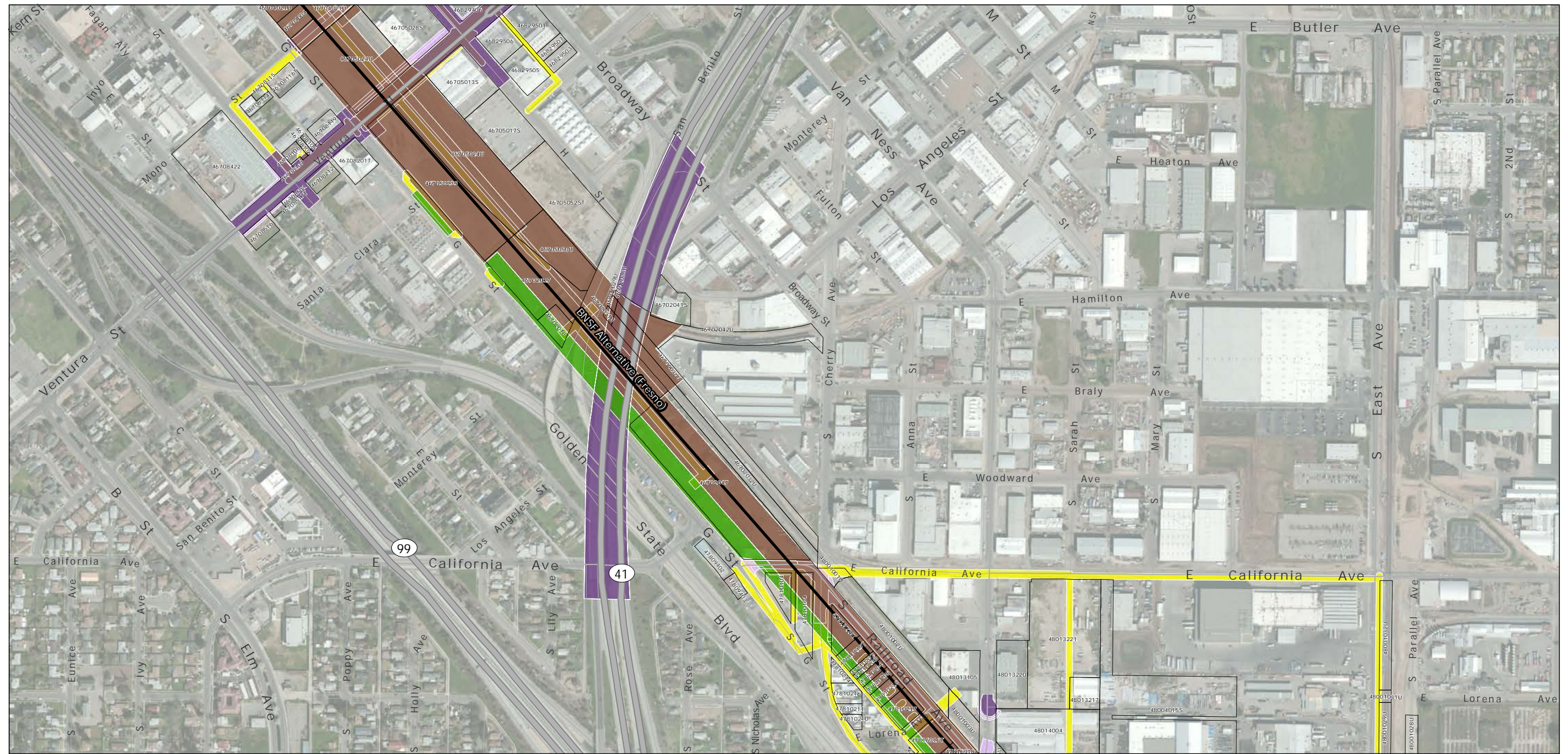
- Hydrology**
 - Permanent (canal relocation, drainage basin)
 - Temporary (construction easement)
- Track**
 - Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

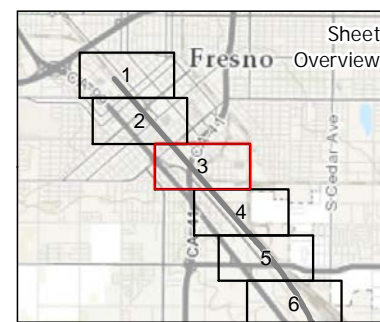
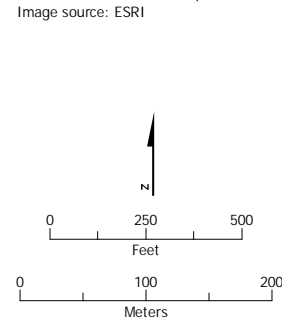
March 19, 2014

<ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station 	<p>Project footprint by category type</p> <ul style="list-style-type: none"> Construction area <ul style="list-style-type: none"> Temporary Roadway <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) 	<p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) 	<p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement)
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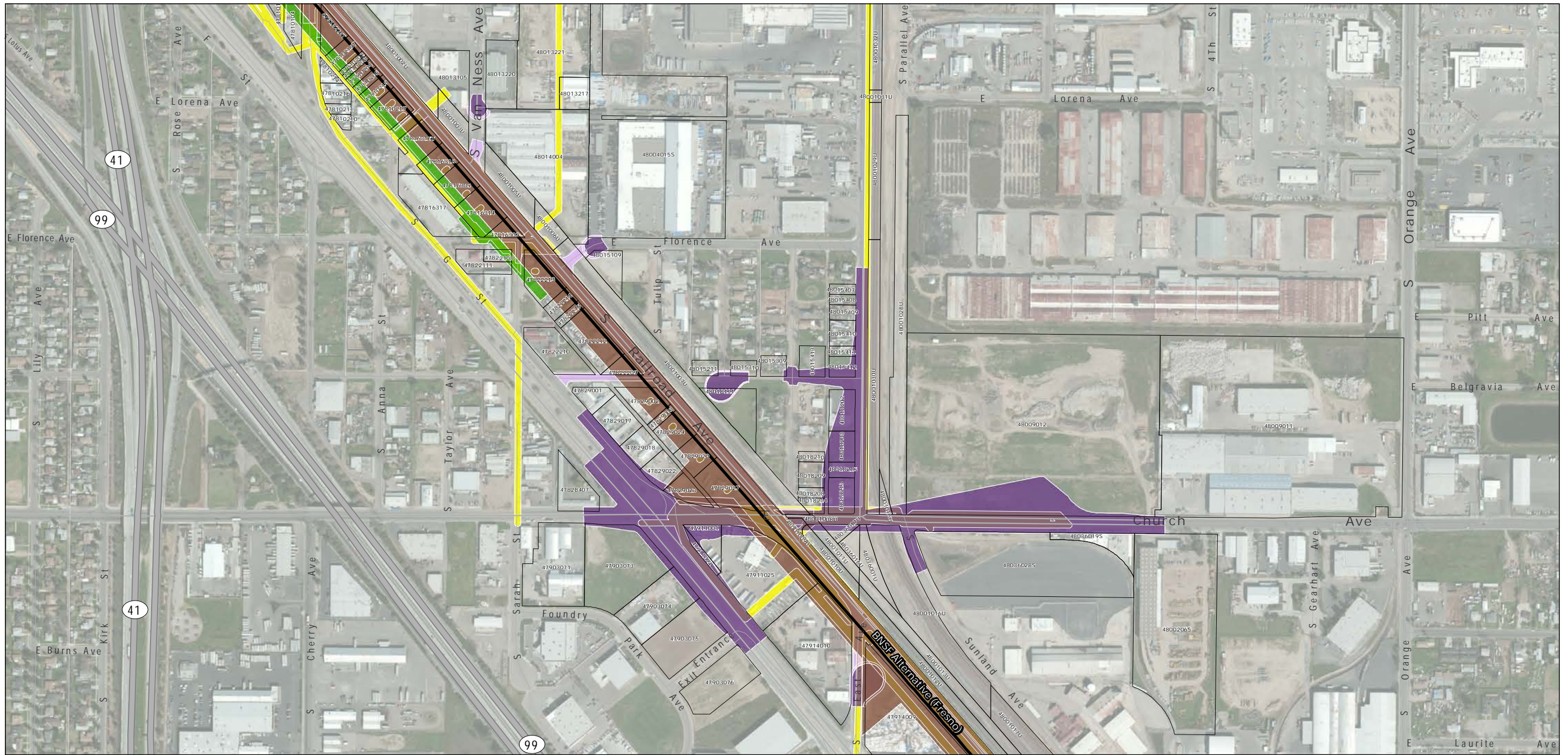


Data source: URS/HMM/Arup JV, 2014
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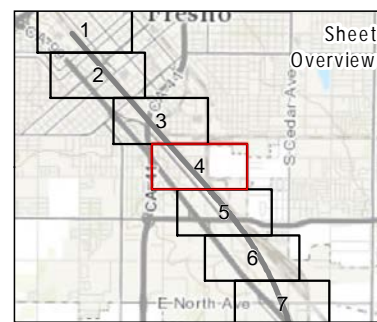
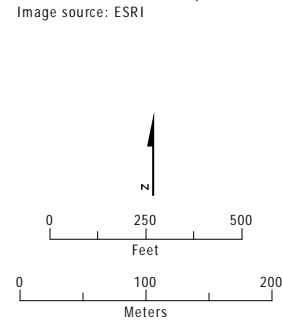


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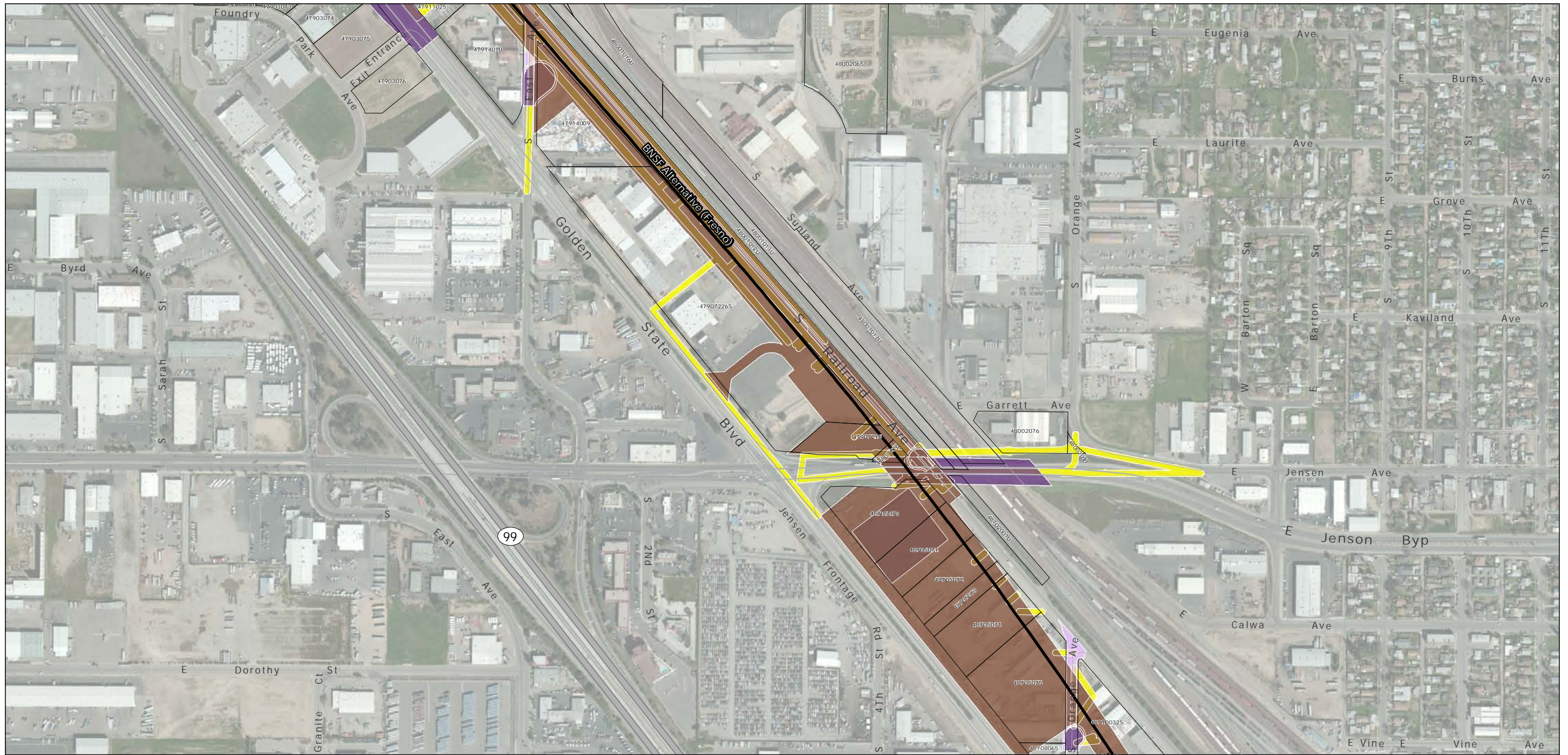


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

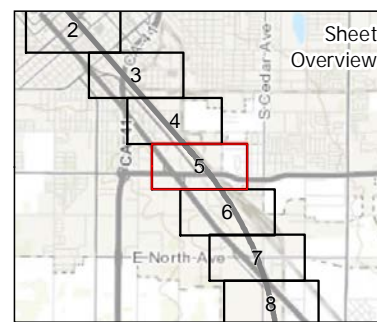
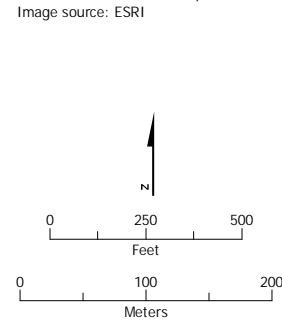


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Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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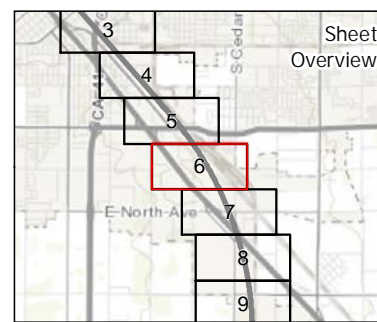
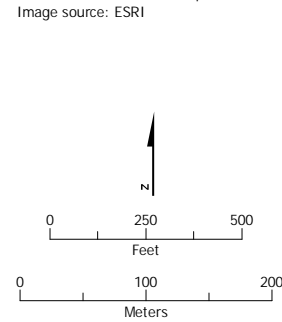


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Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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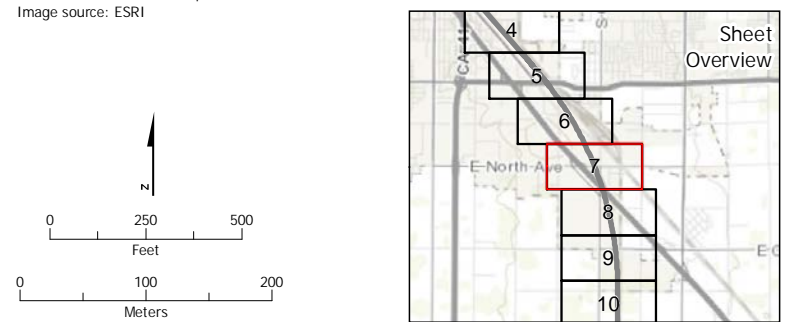


- Alternative alignments
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 - Heavy maintenance facility
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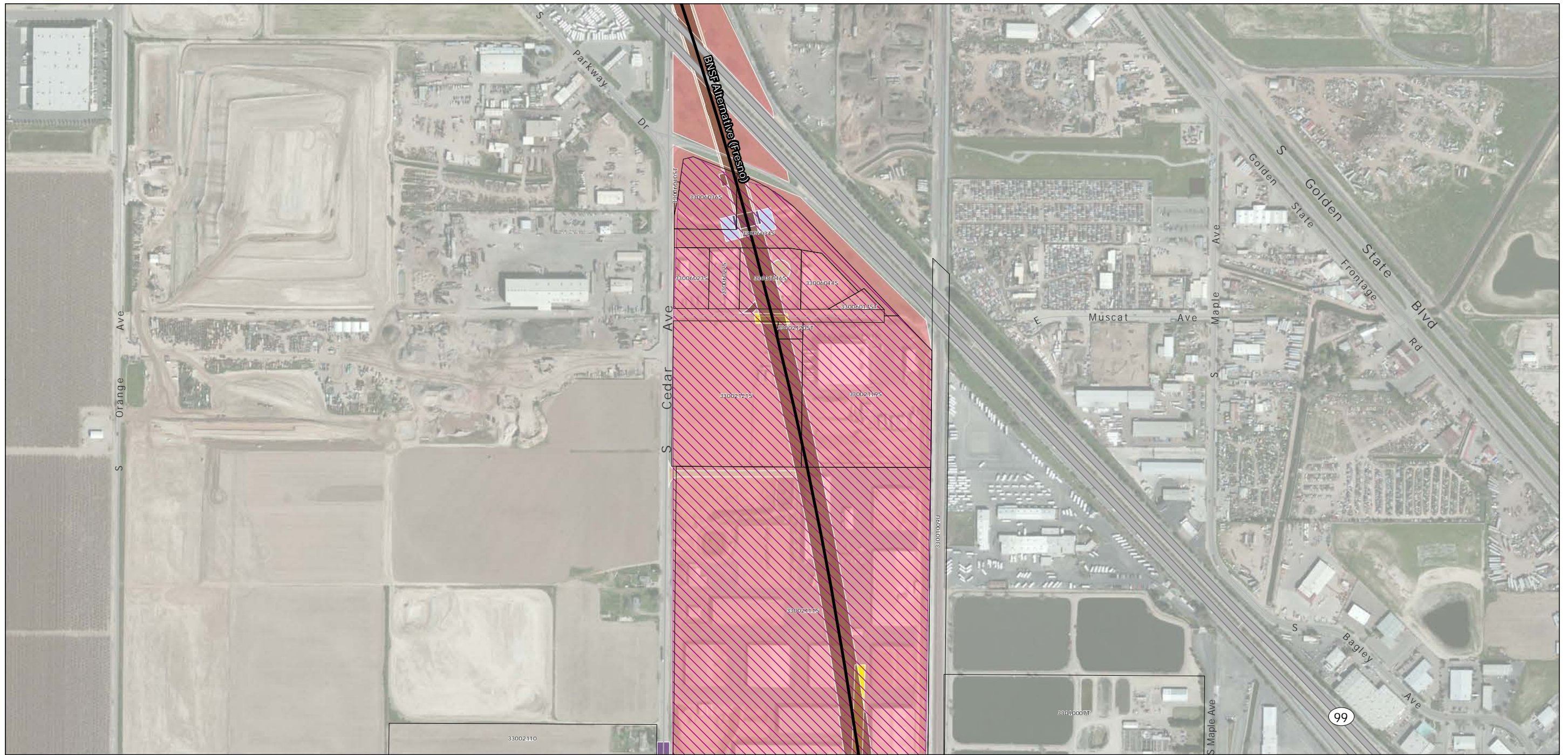


Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

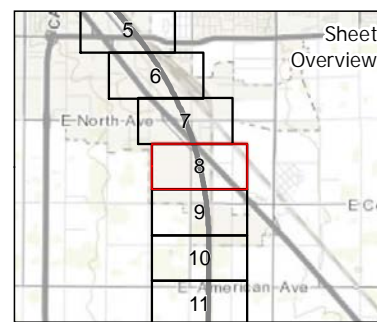
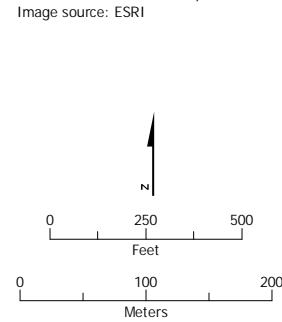


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Data source: URS/HMM/Arup JV, 2014
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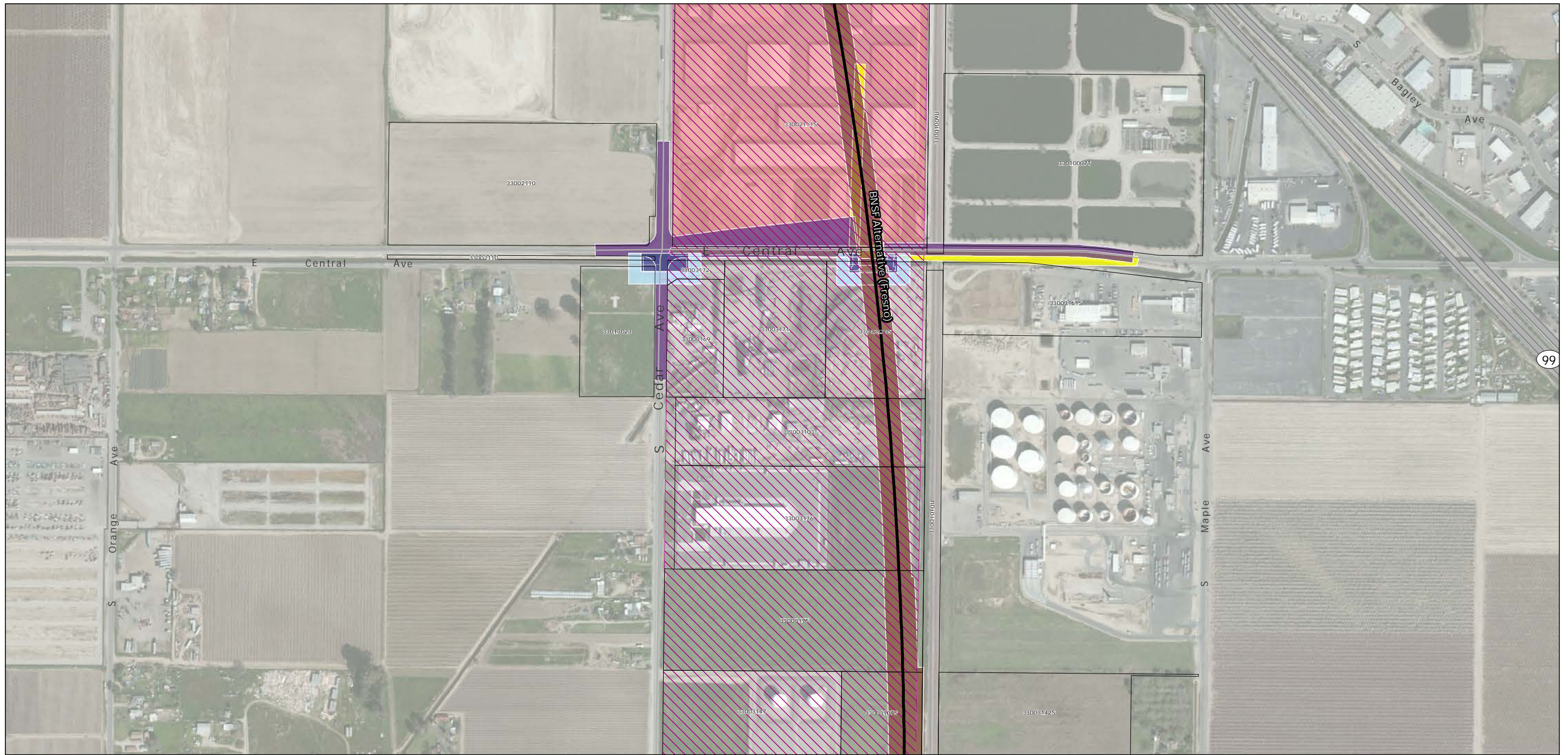


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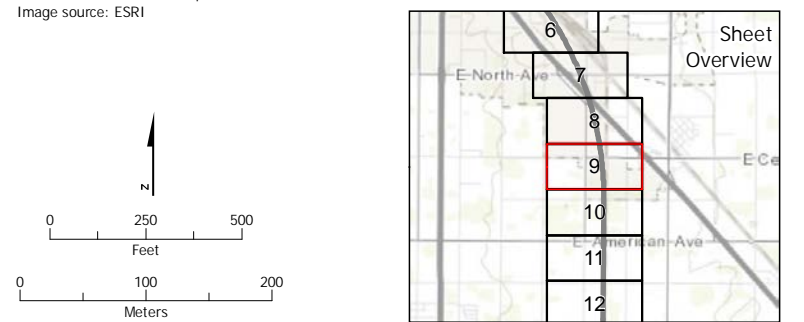
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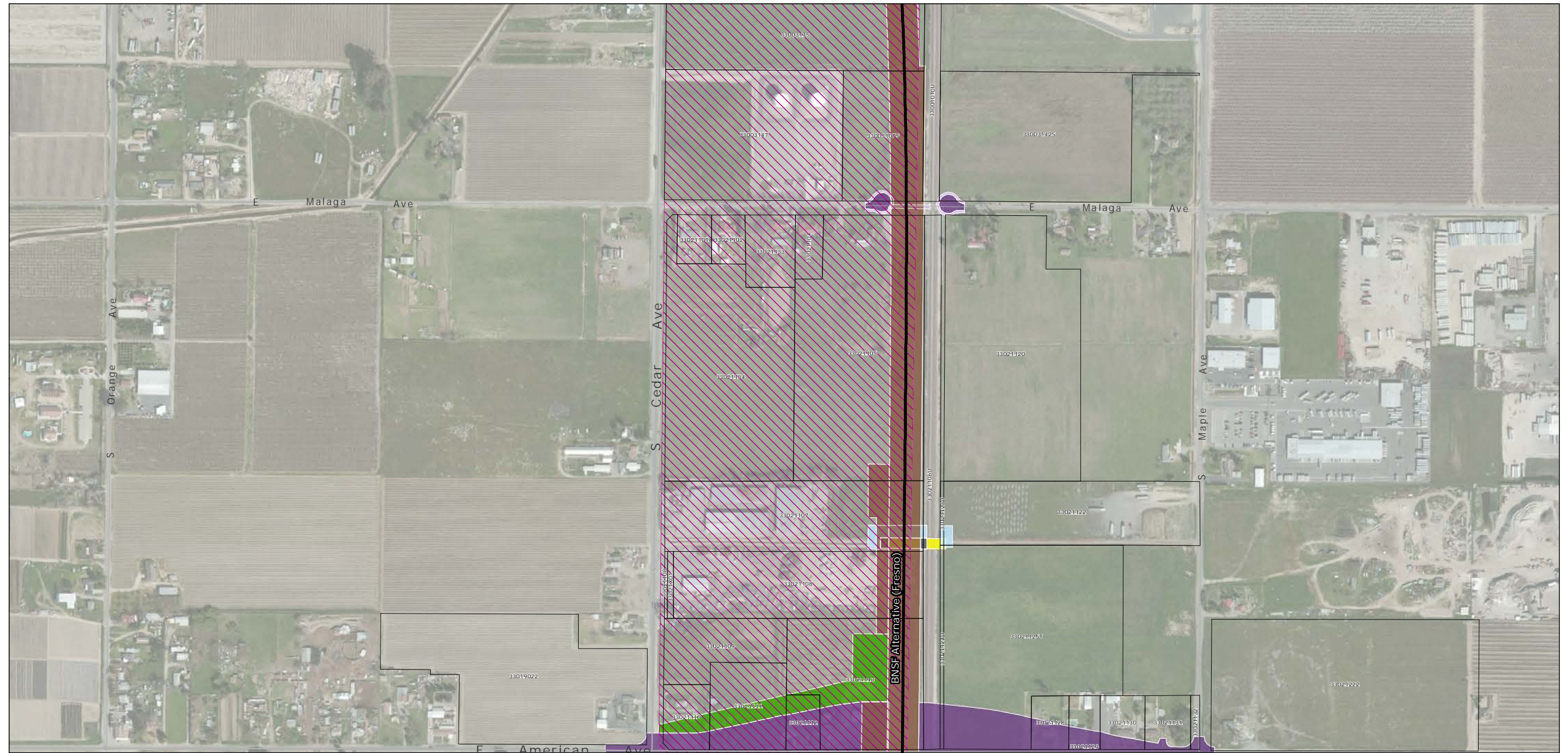


Data source: URS/HMM/Arup JV, 2014
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March 19, 2014



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March 19, 2014

Alternative alignments

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Project footprint by category type

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- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

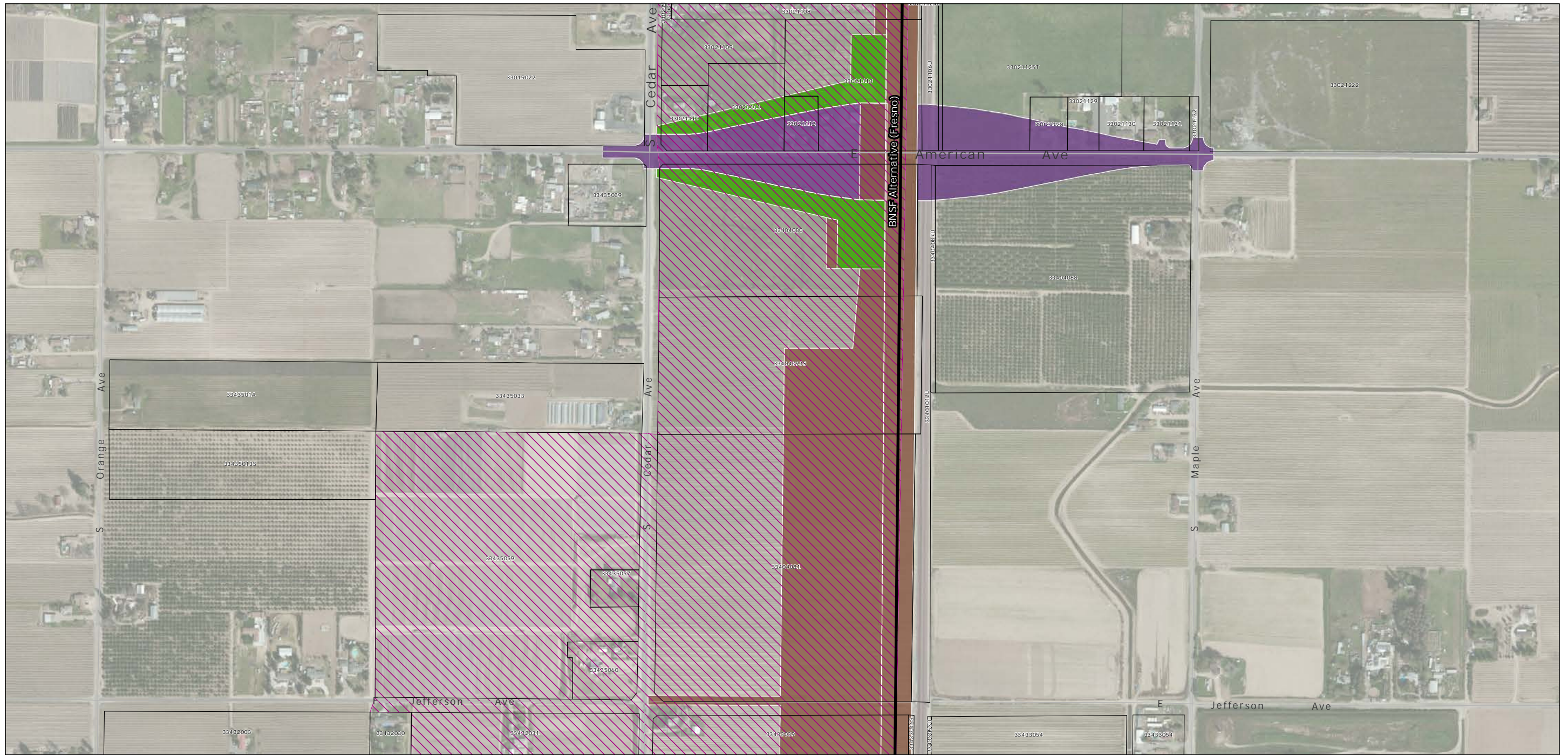
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- Temporary (construction easement)

Hydrology

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Track

- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
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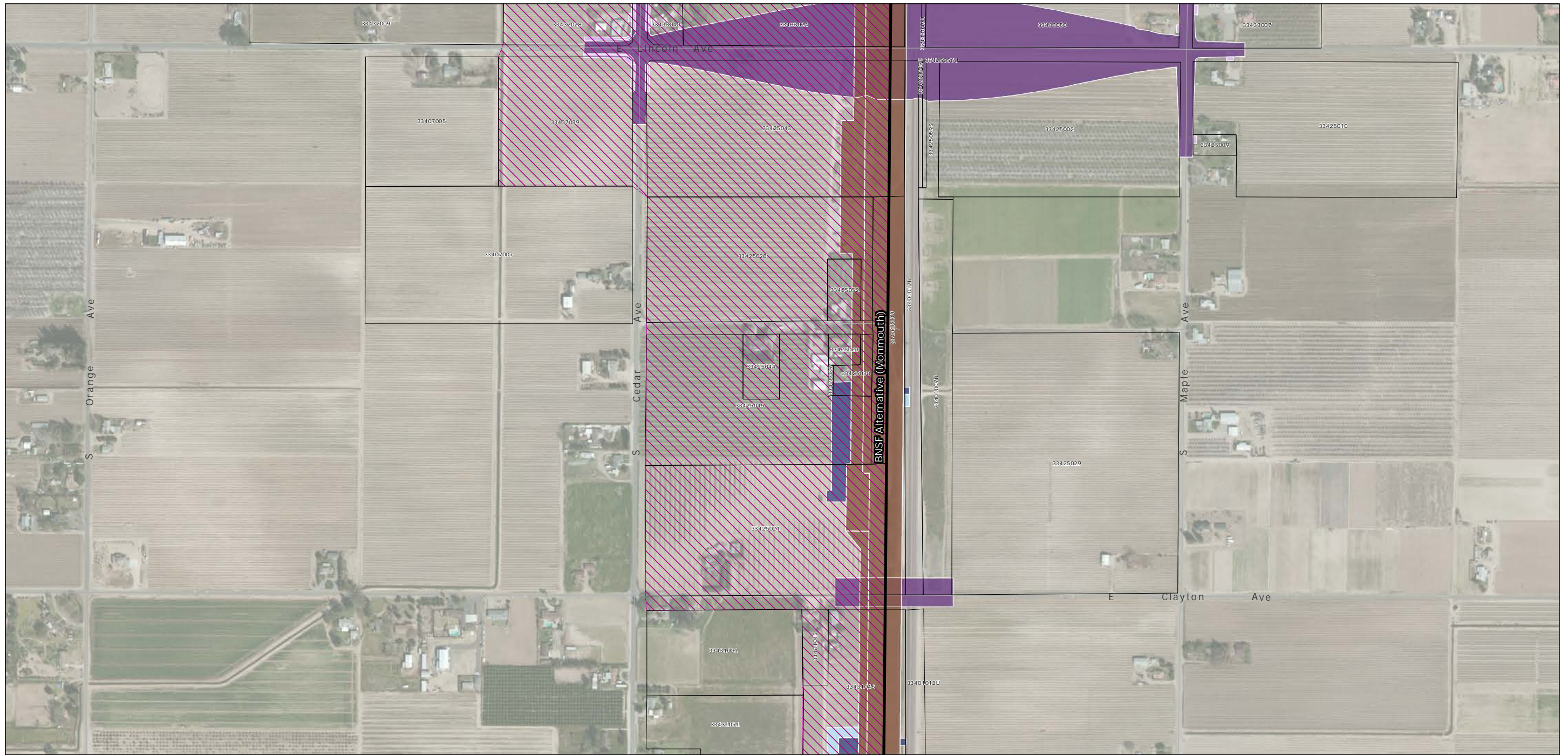


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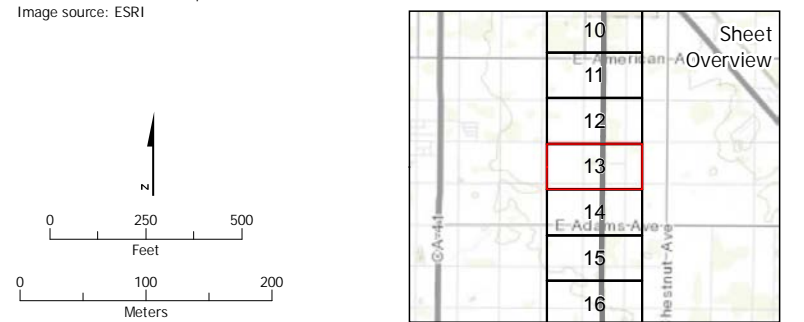


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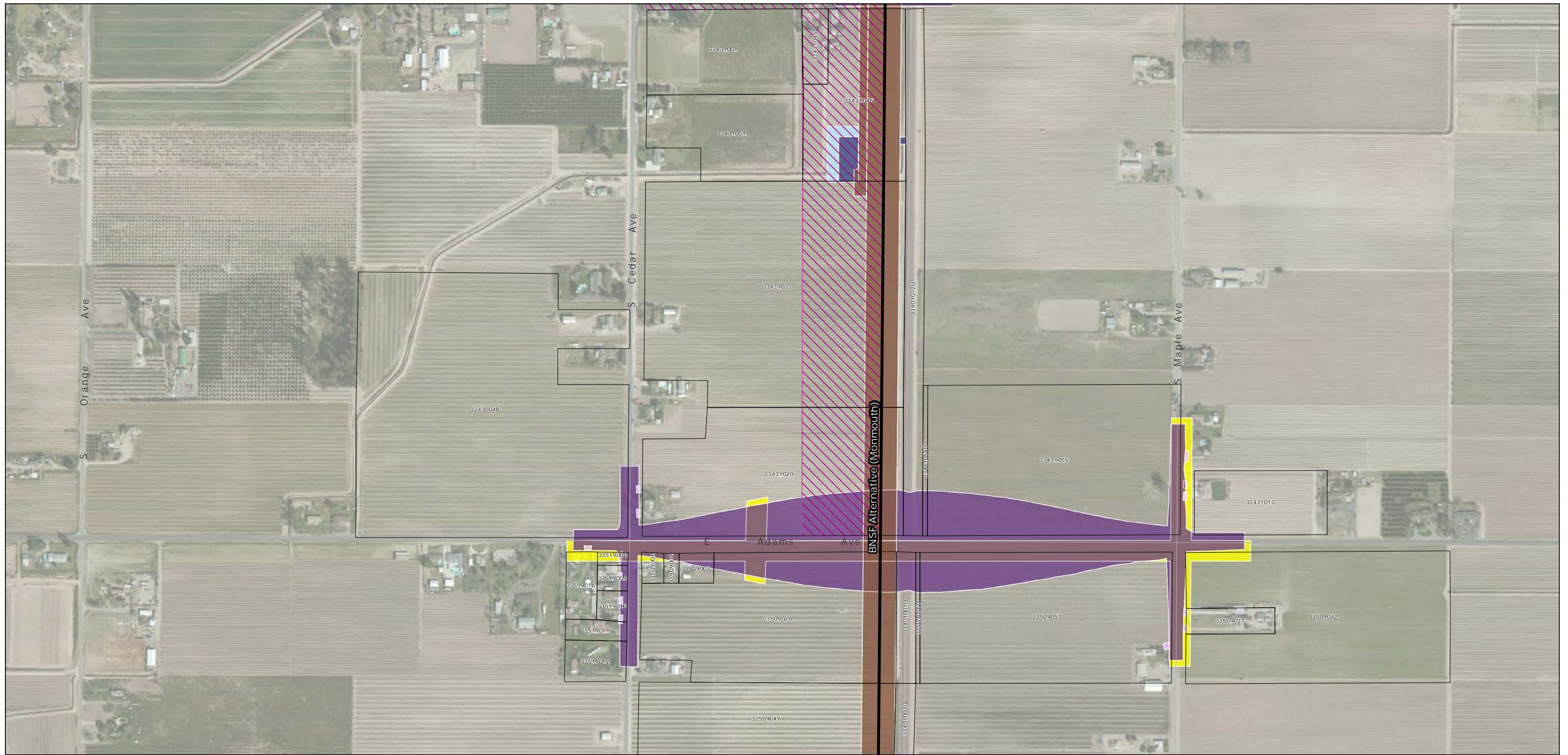


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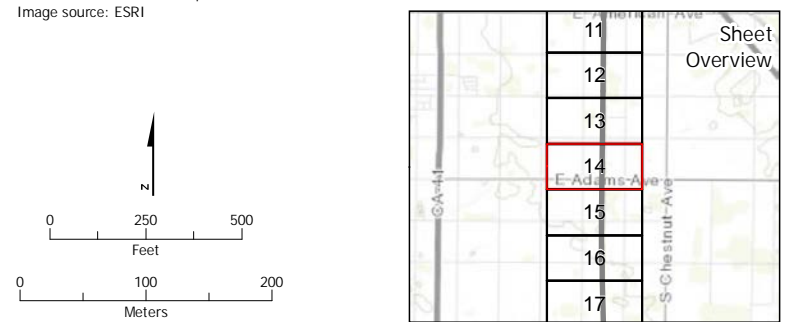


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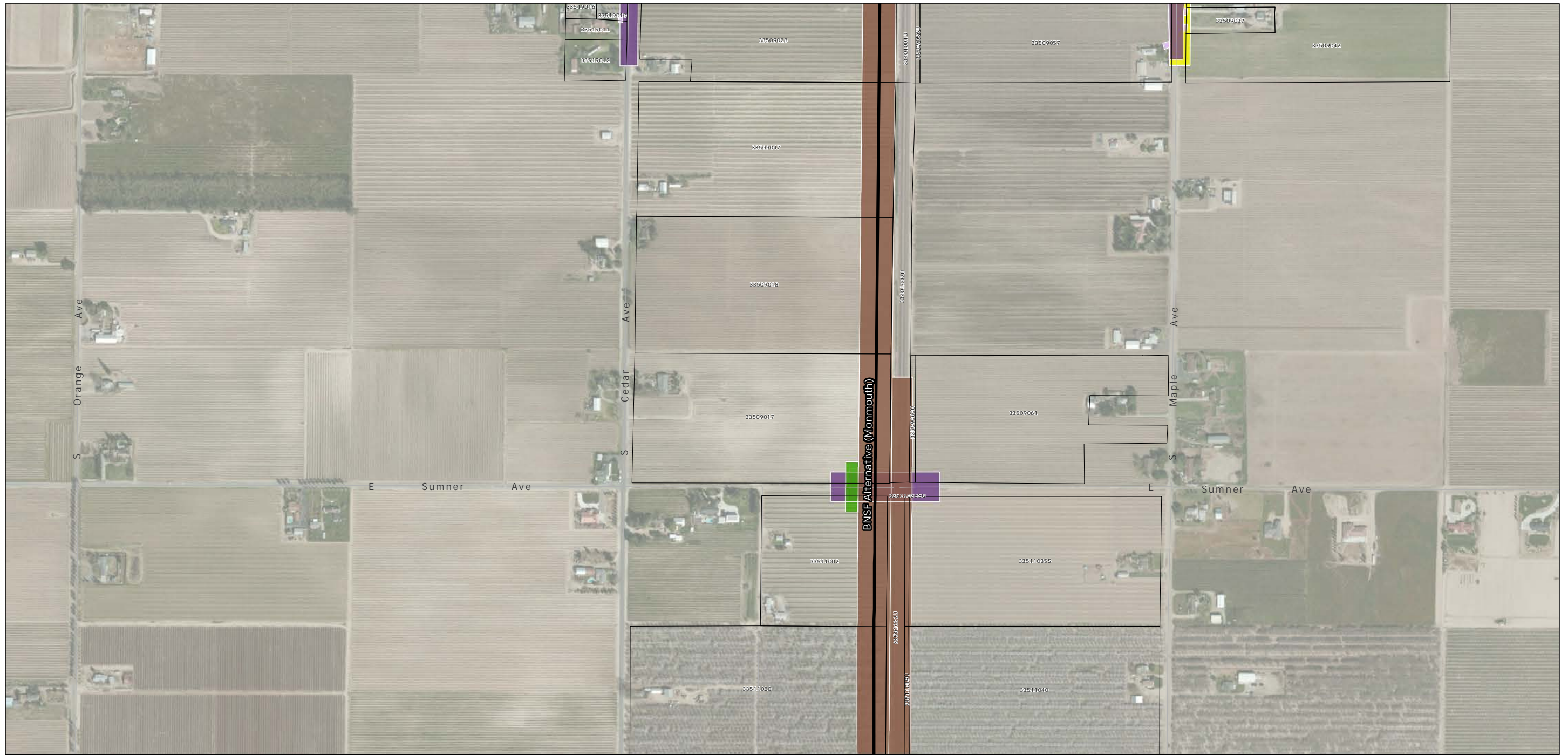


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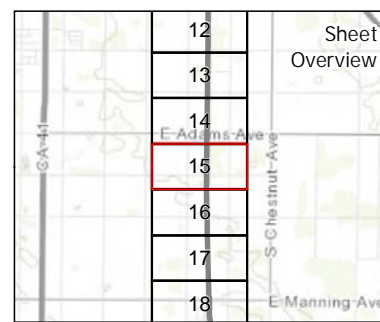
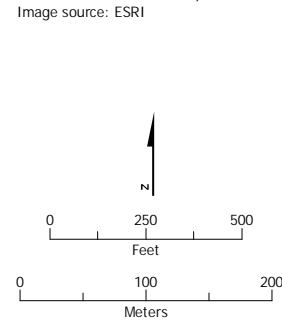


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
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Data source: URS/HMM/Arup JV, 2014
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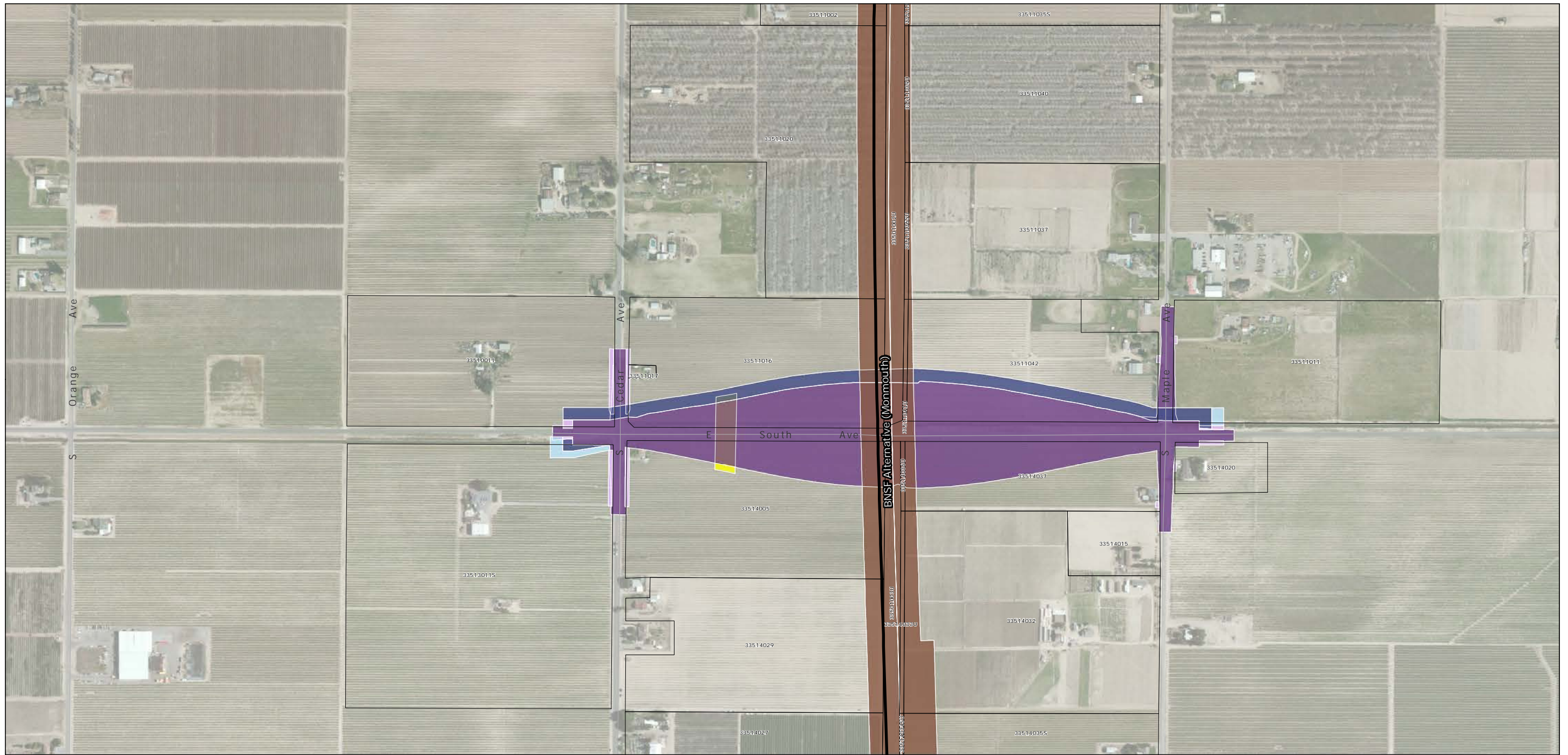


- Alternative alignments
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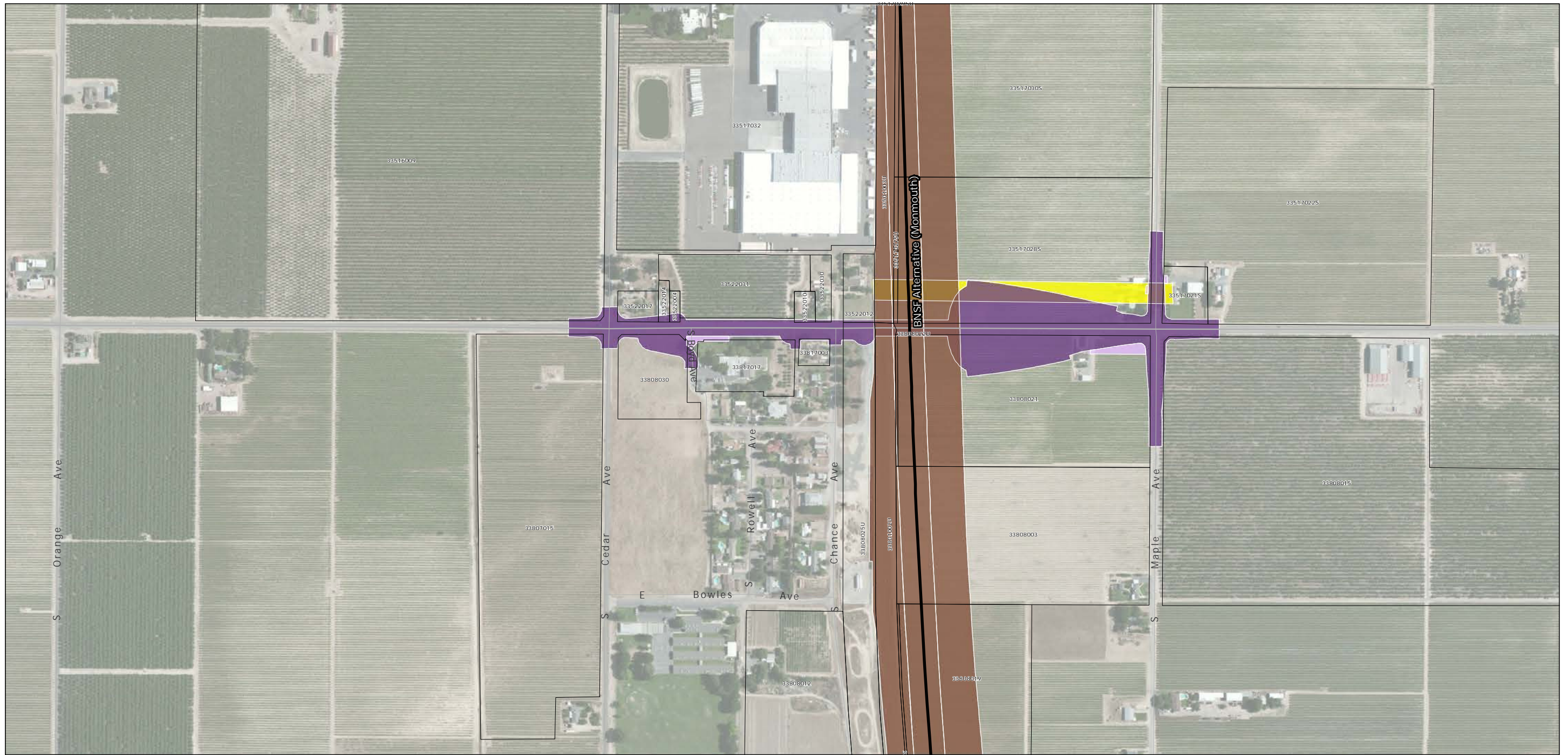


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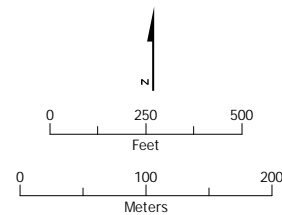
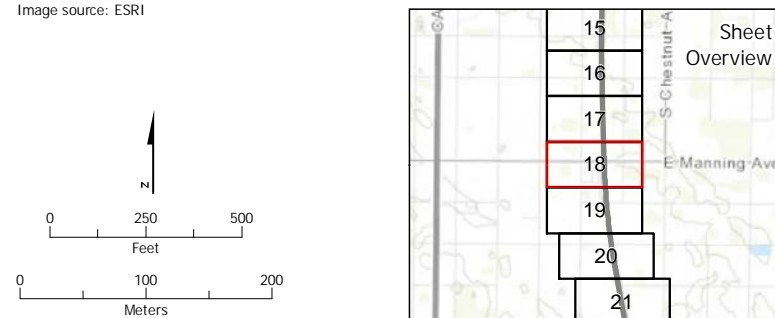


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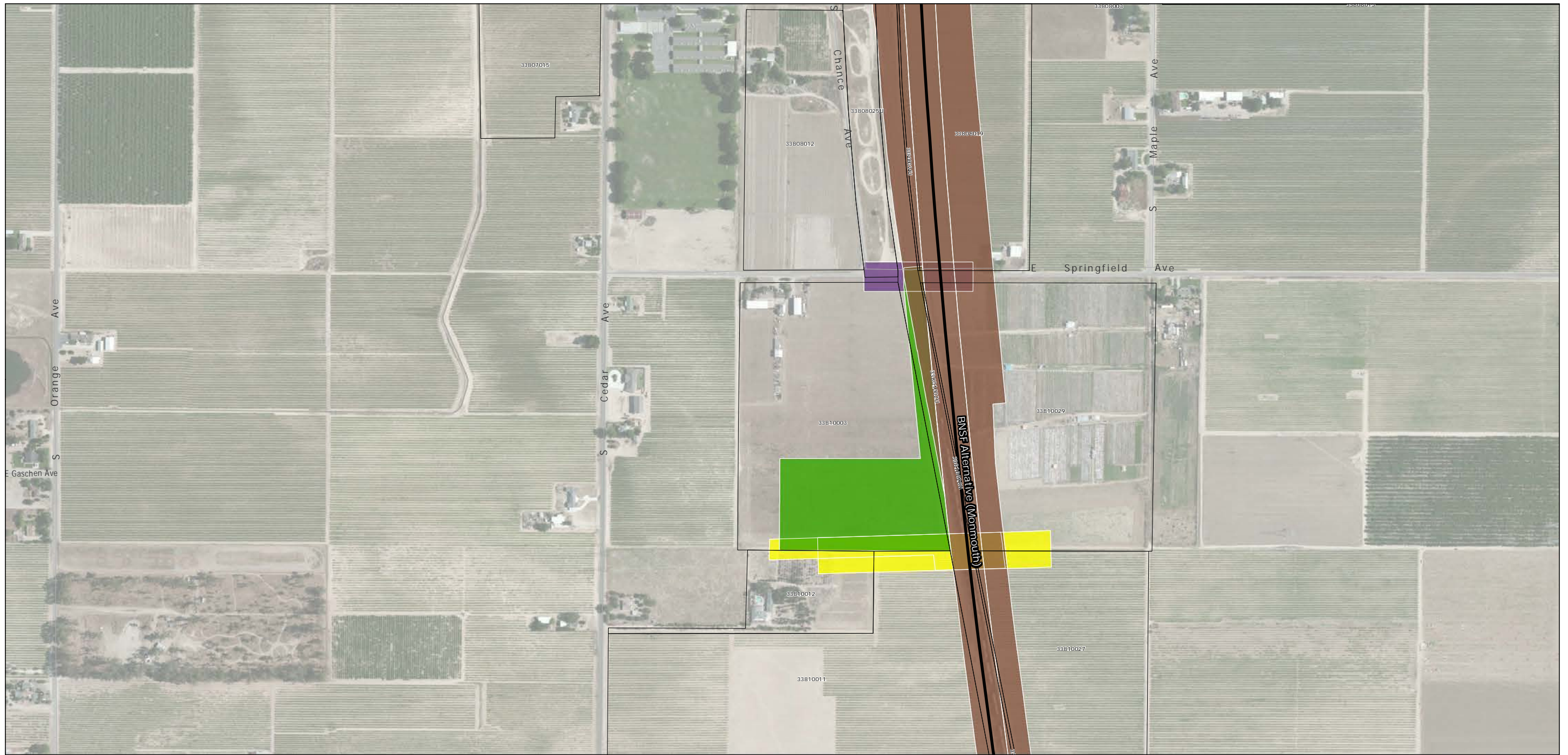


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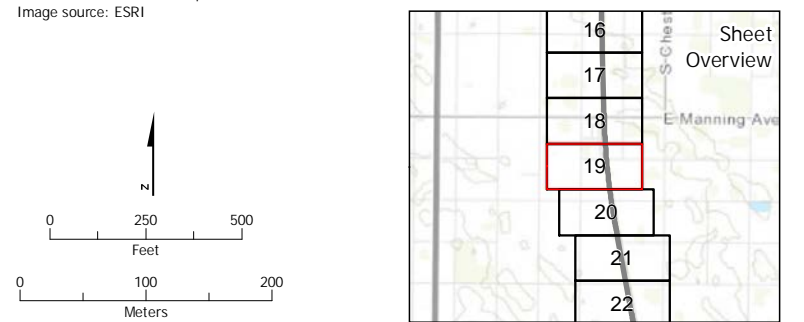


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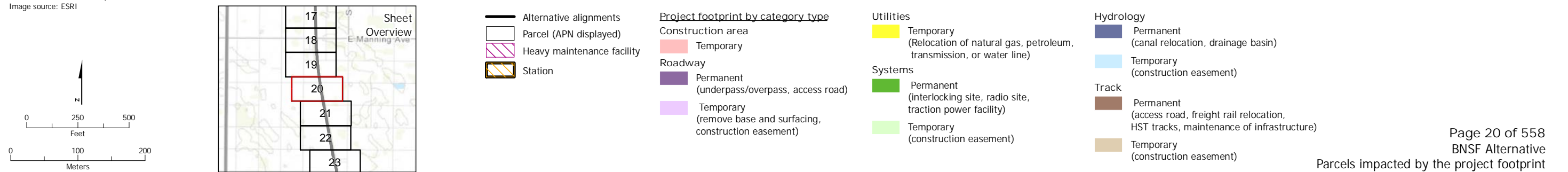


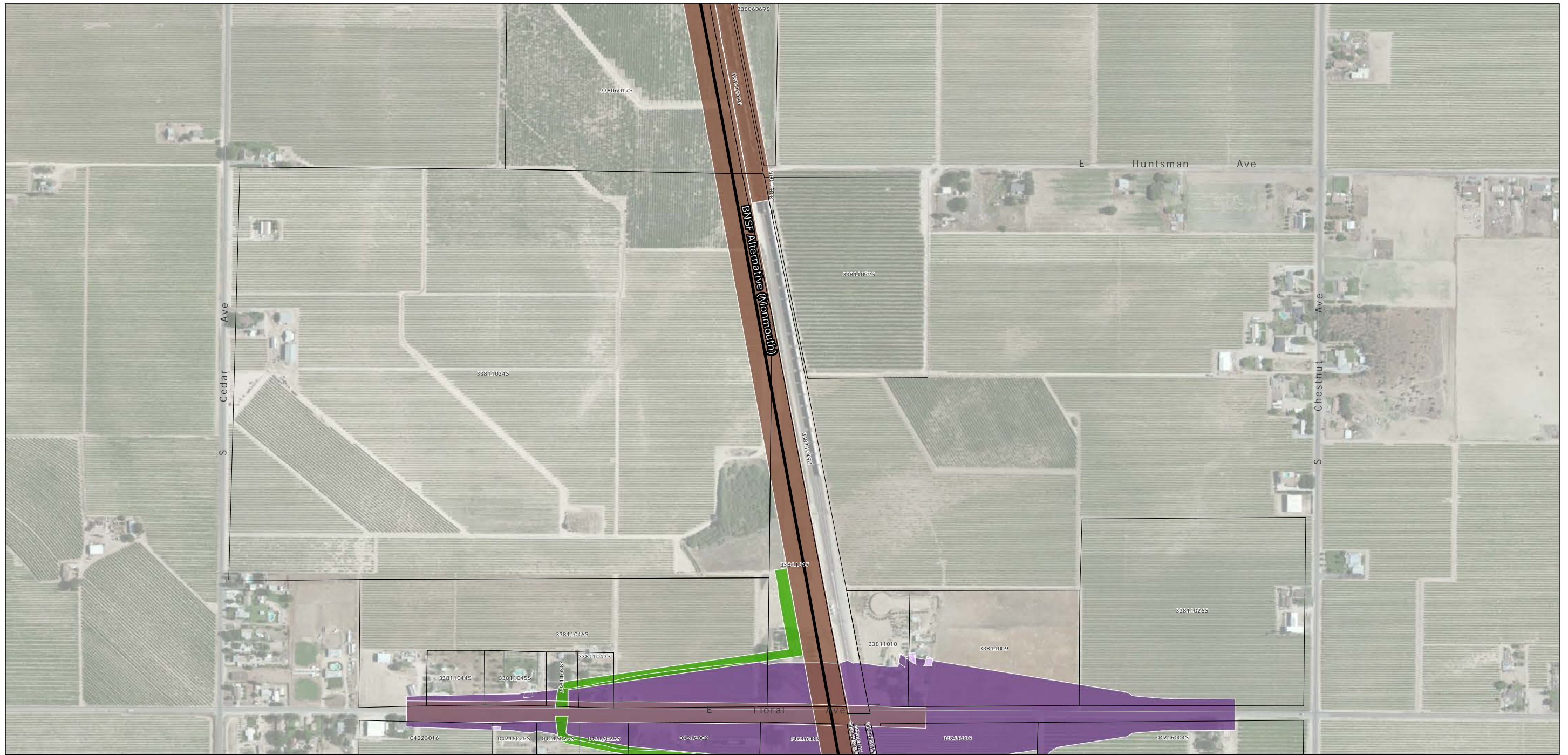
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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
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Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

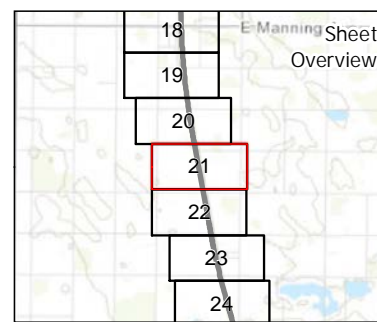
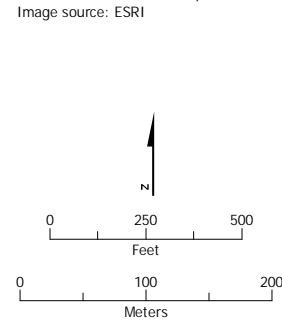
March 19, 2014





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March 19, 2014

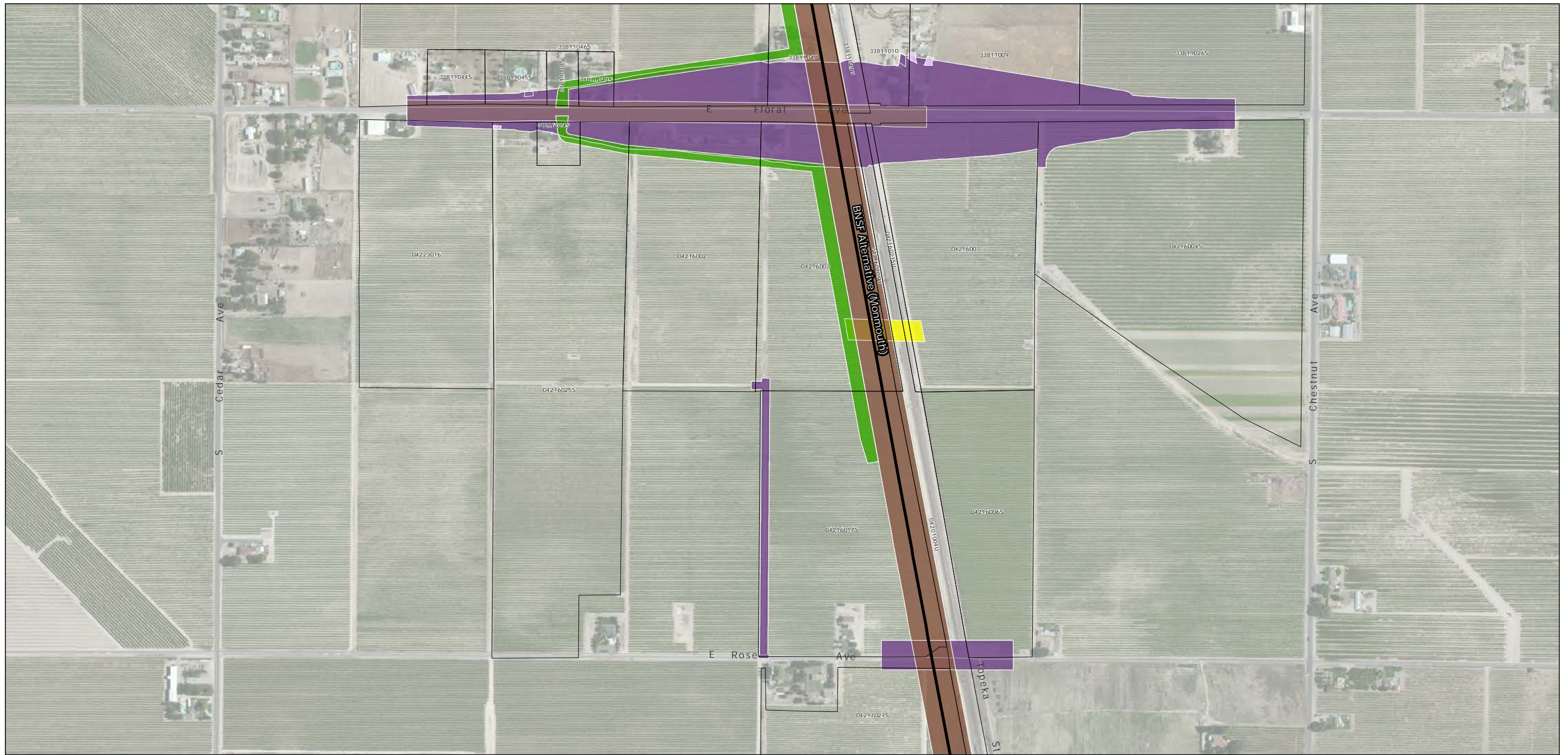


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)

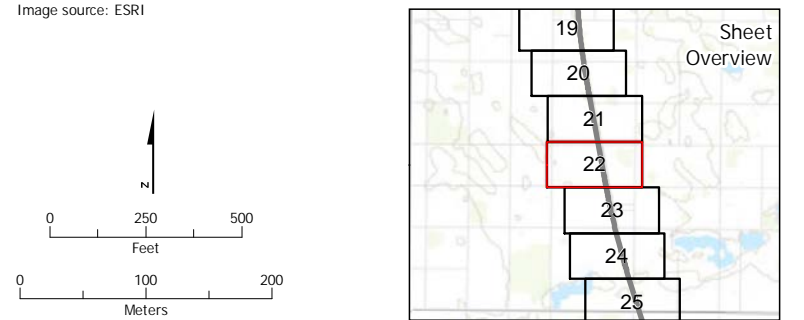
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- Hydrology**
- Permanent (canal relocation, drainage basin)
 - Temporary (construction easement)
- Track**
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

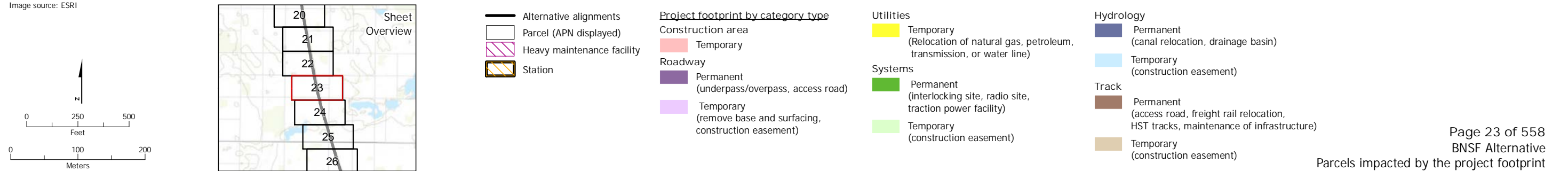


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
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 Image source: ESRI

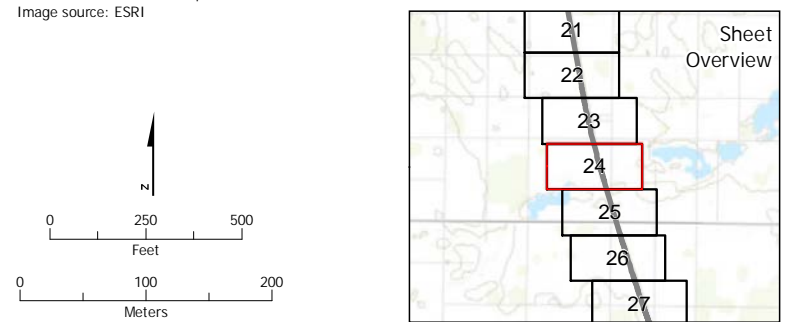
March 19, 2014



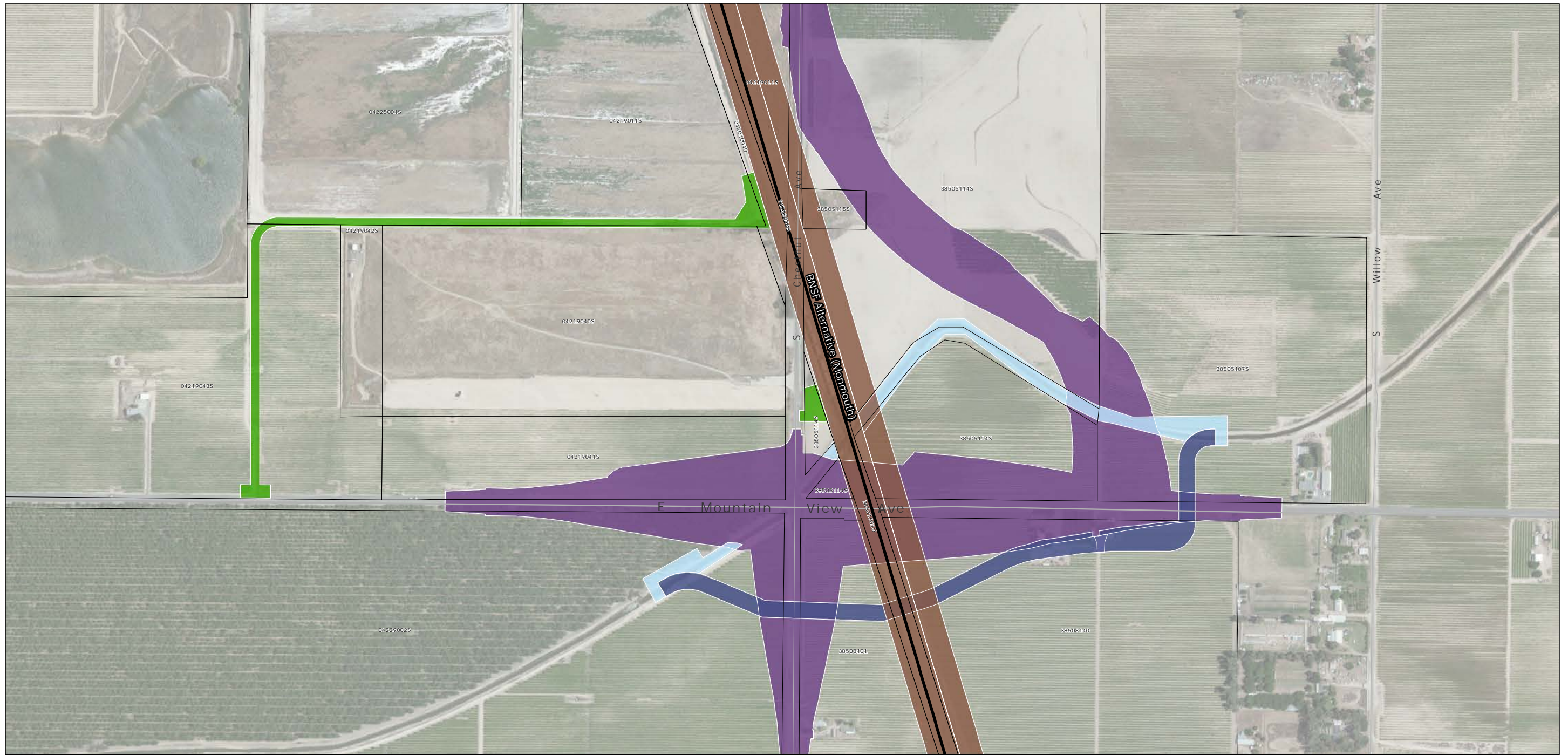


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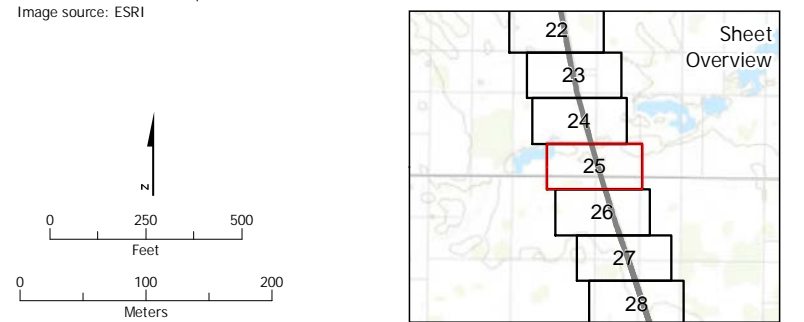


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)
- Hydrology**
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 - Temporary (construction easement)
- Track**
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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- Alternative alignments
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 - Station
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- Construction area**
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 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
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 - Temporary (construction easement)
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 - Temporary (construction easement)
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- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

Legend

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

Track

- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
- Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

Legend

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

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Roadway

- Permanent (underpass/overpass, access road)
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Utilities

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Systems

- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

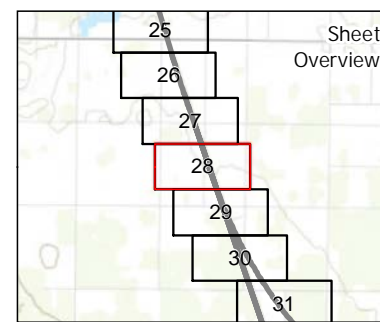
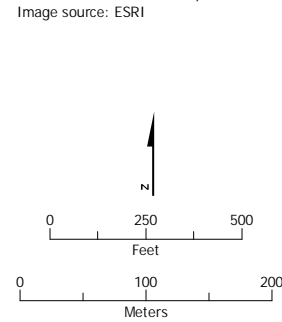
Track

- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
- Temporary (construction easement)

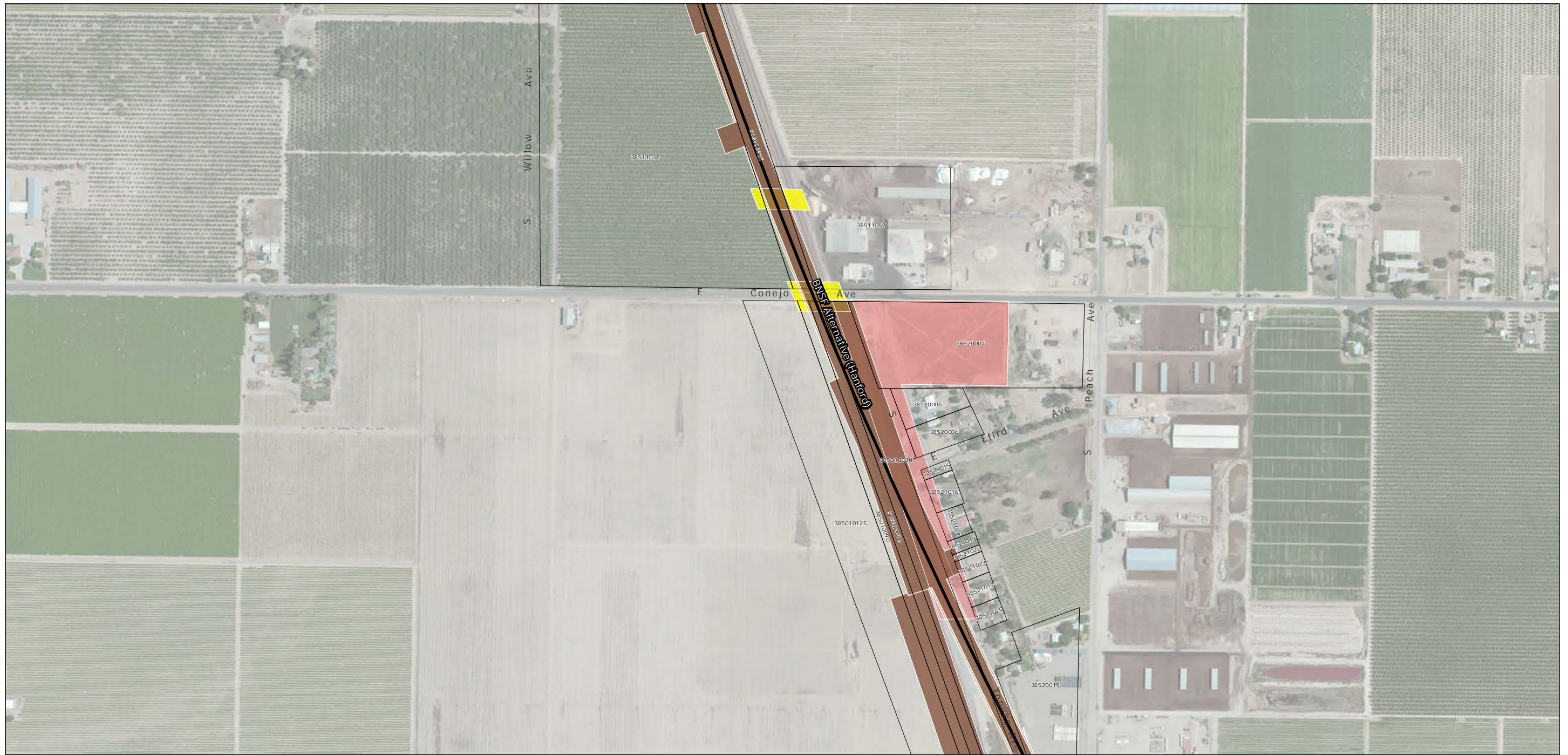


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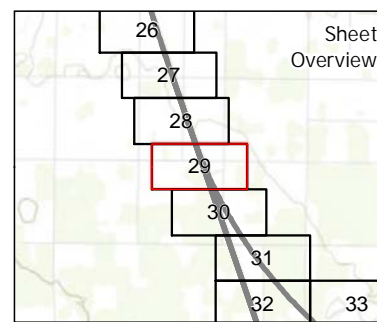
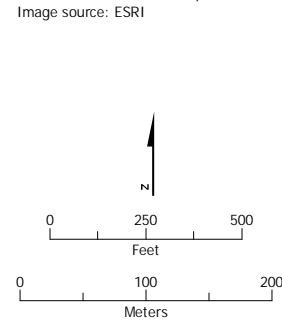


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
|---|---|--|--|



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014



- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)

- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- Hydrology**
- Permanent (canal relocation, drainage basin)
 - Temporary (construction easement)
- Track**
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

Legend

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

- Construction area**
 - Temporary
- Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

Track

- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
- Temporary (construction easement)



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 Image source: ESRI

March 19, 2014

Alternative alignments

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

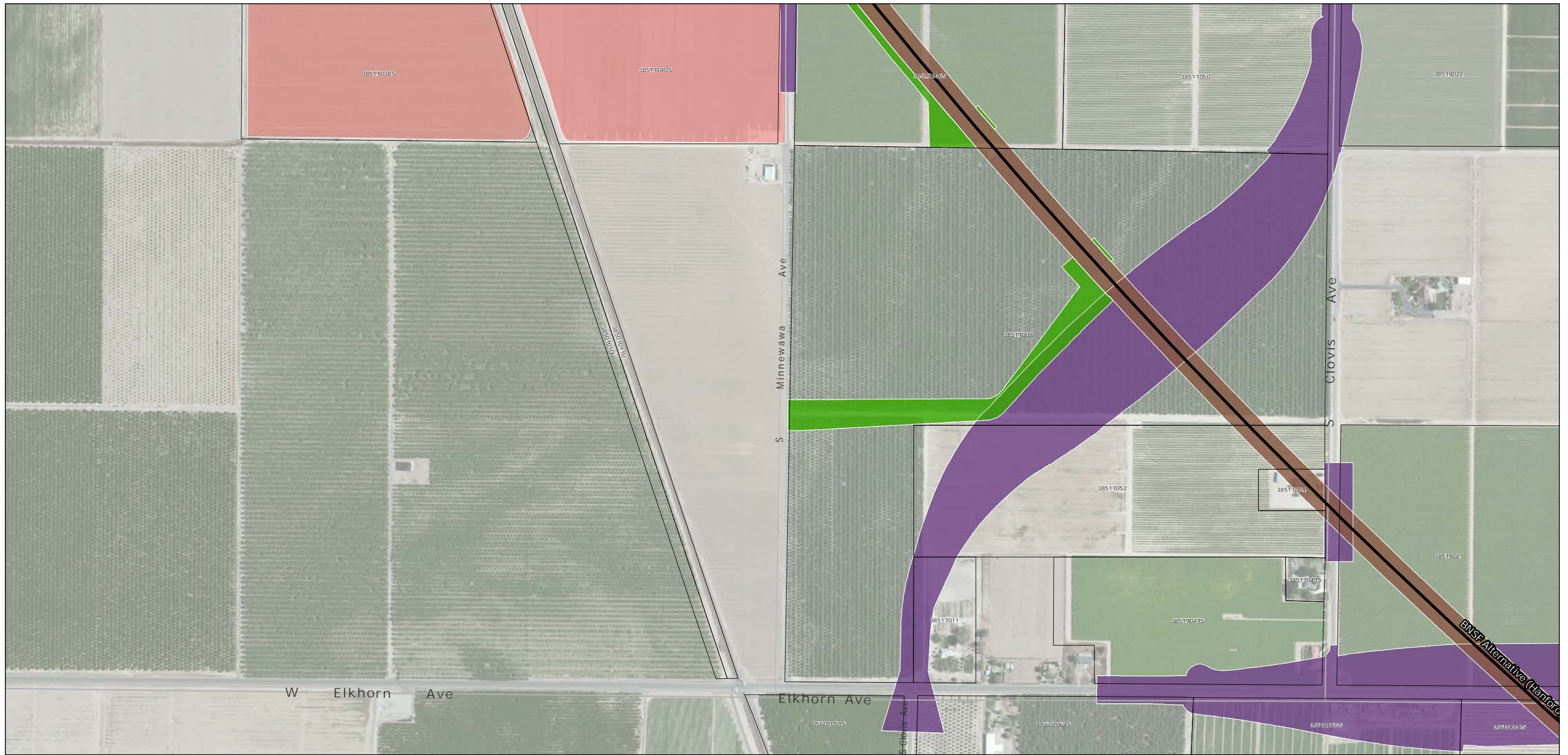
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- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

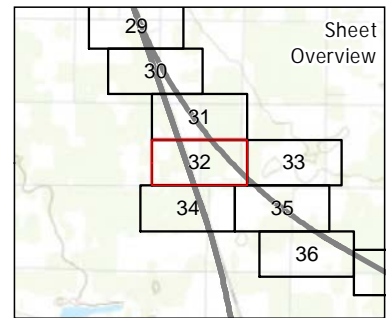
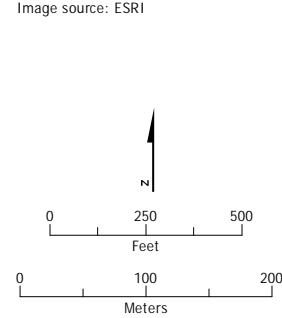
Track

- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
- Temporary (construction easement)

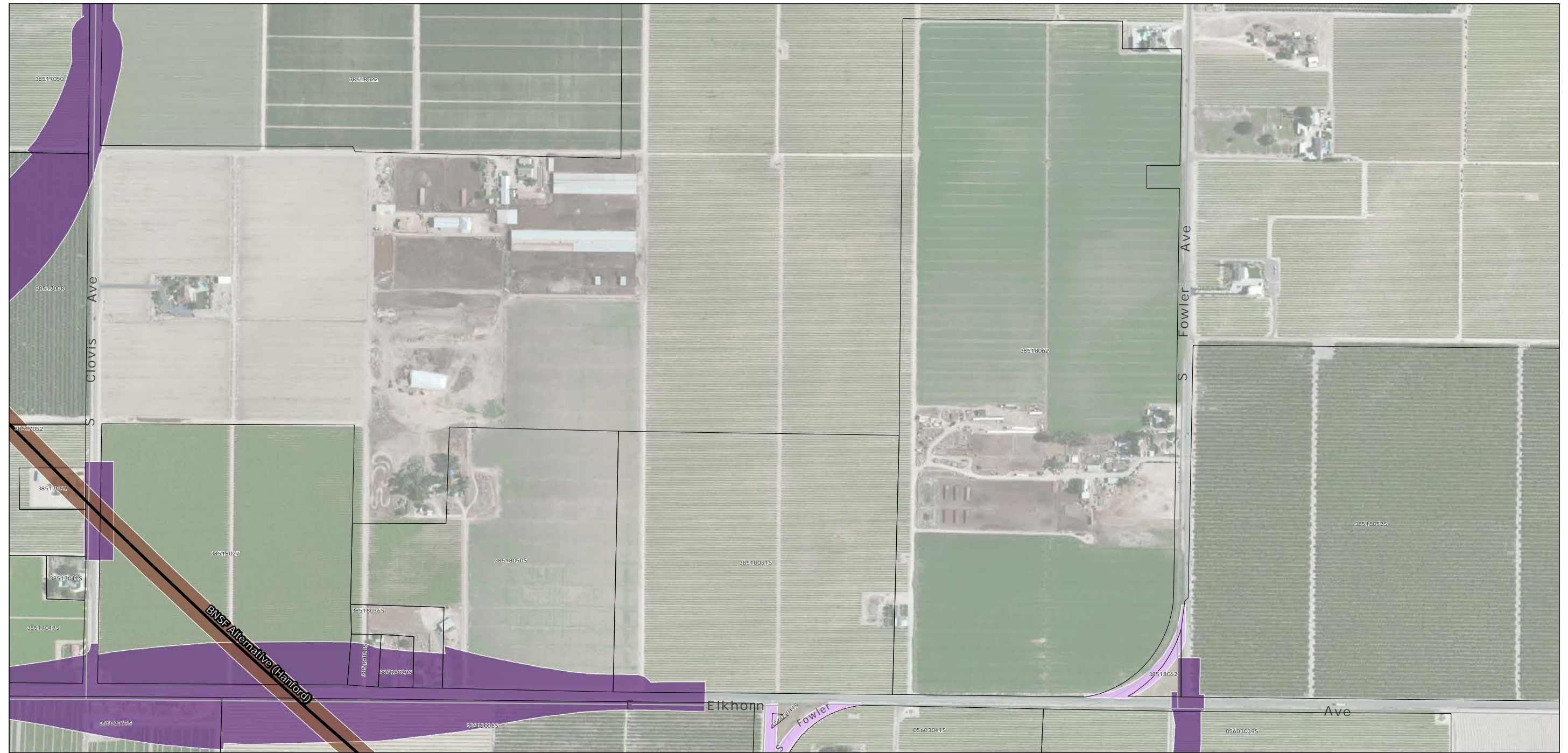


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 Image source: ESRI

March 19, 2014



- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
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 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
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- Permanent (interlocking site, radio site, traction power facility)
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- Hydrology**
- Permanent (canal relocation, drainage basin)
 - Temporary (construction easement)
- Track**
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 - Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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Sheet Overview

Alternative alignments

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

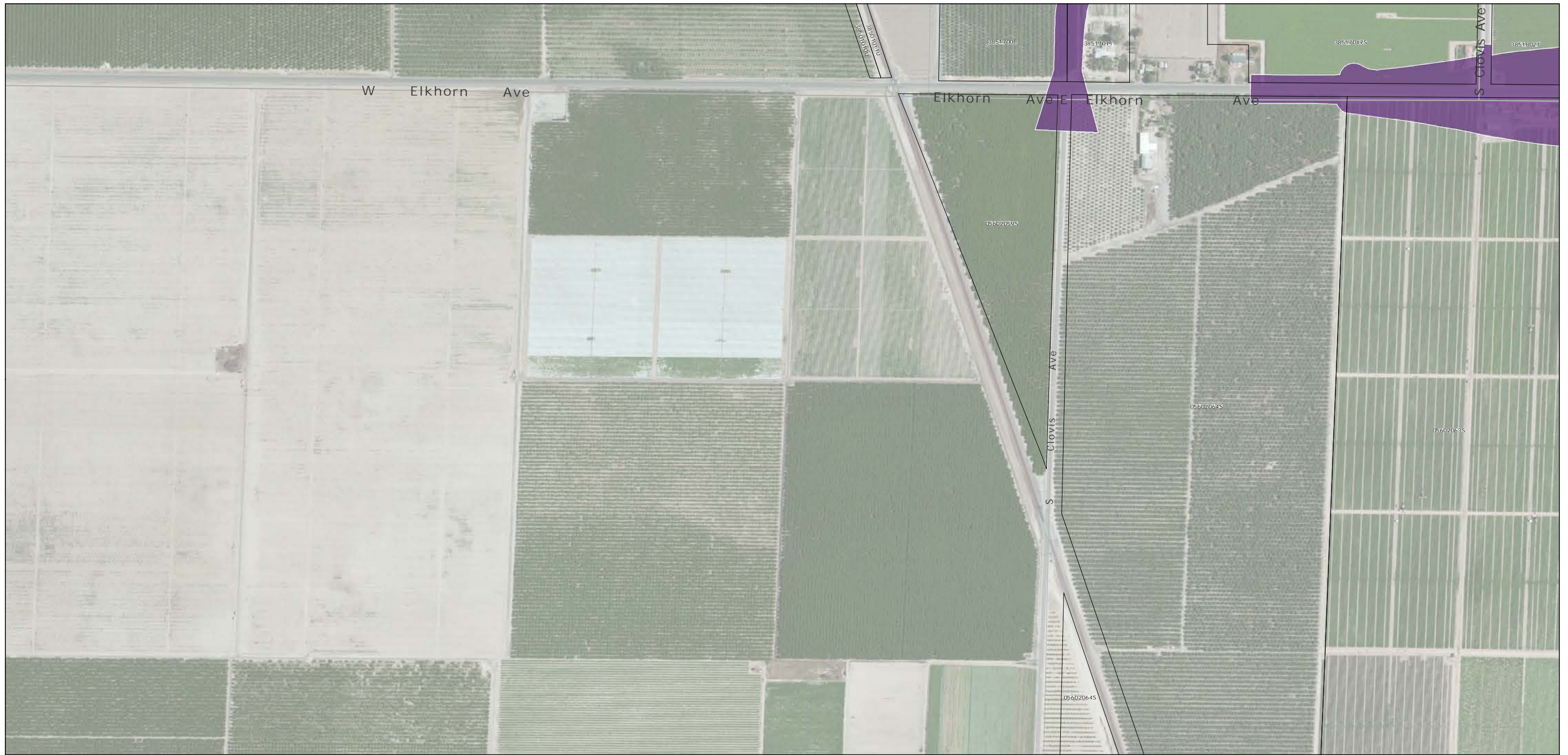
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Hydrology

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- Temporary (construction easement)

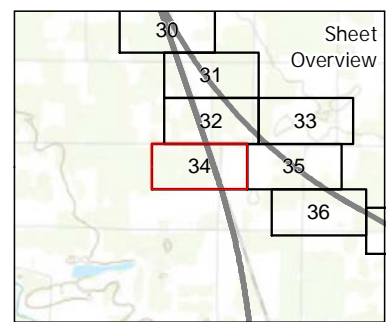
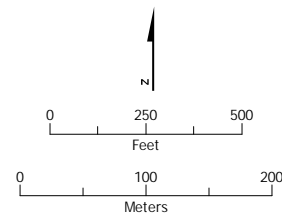
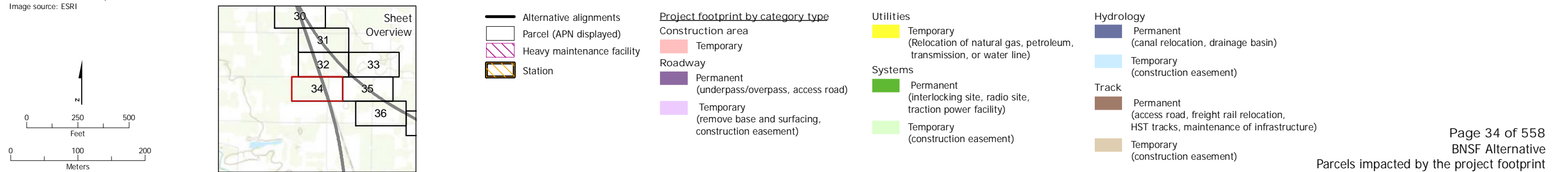
Track

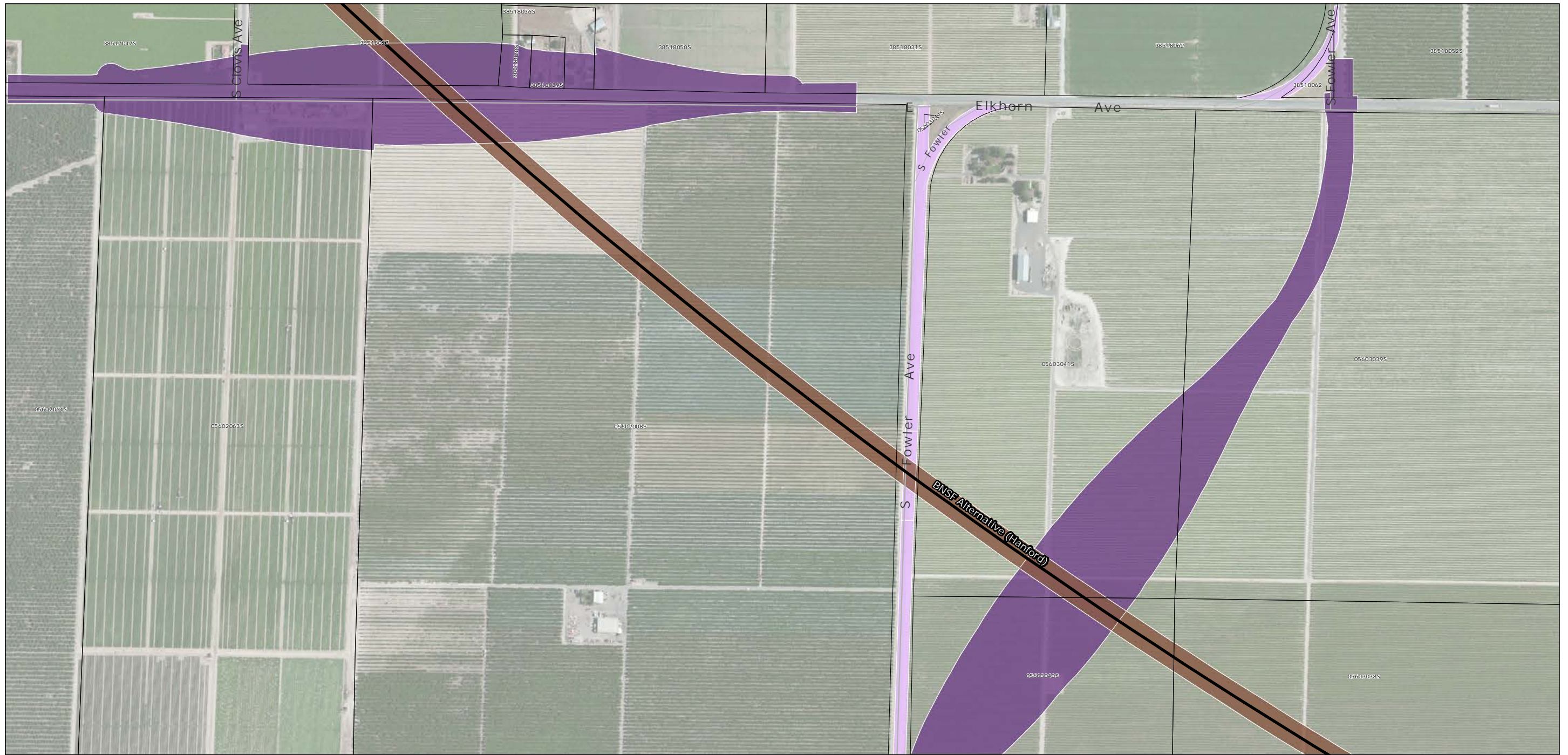
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March 19, 2014





Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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Sheet Overview

Alternative alignments

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

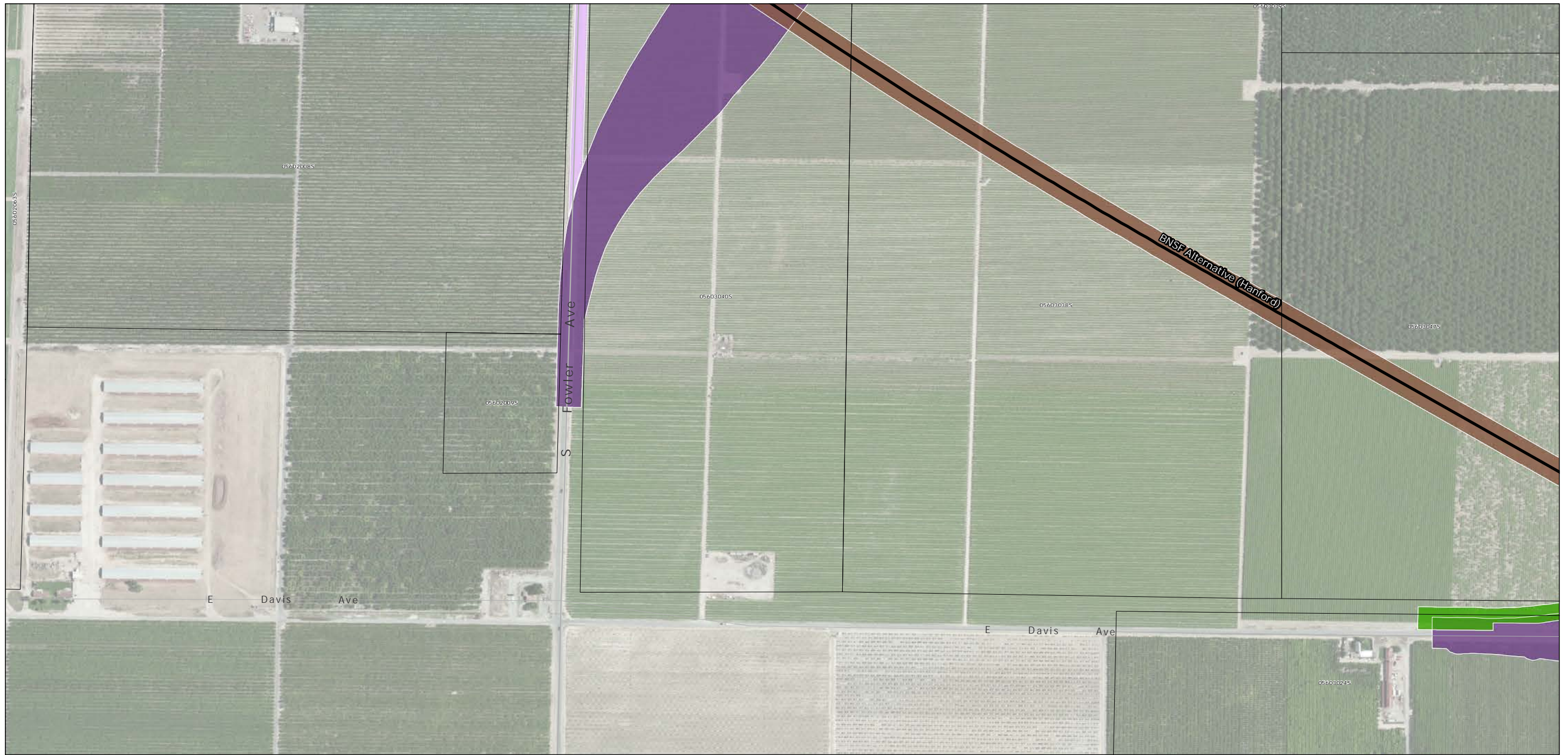
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Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

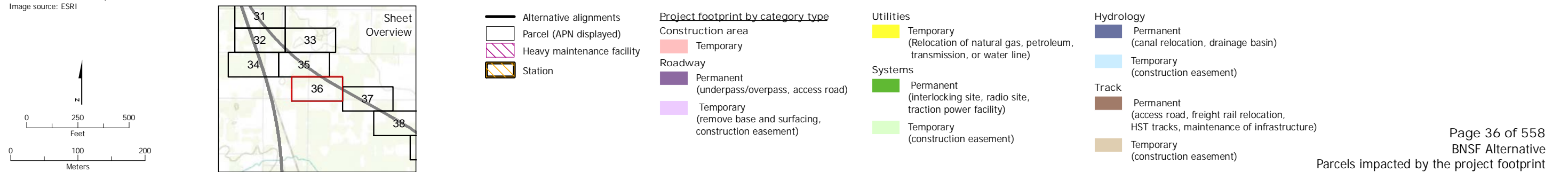
Track

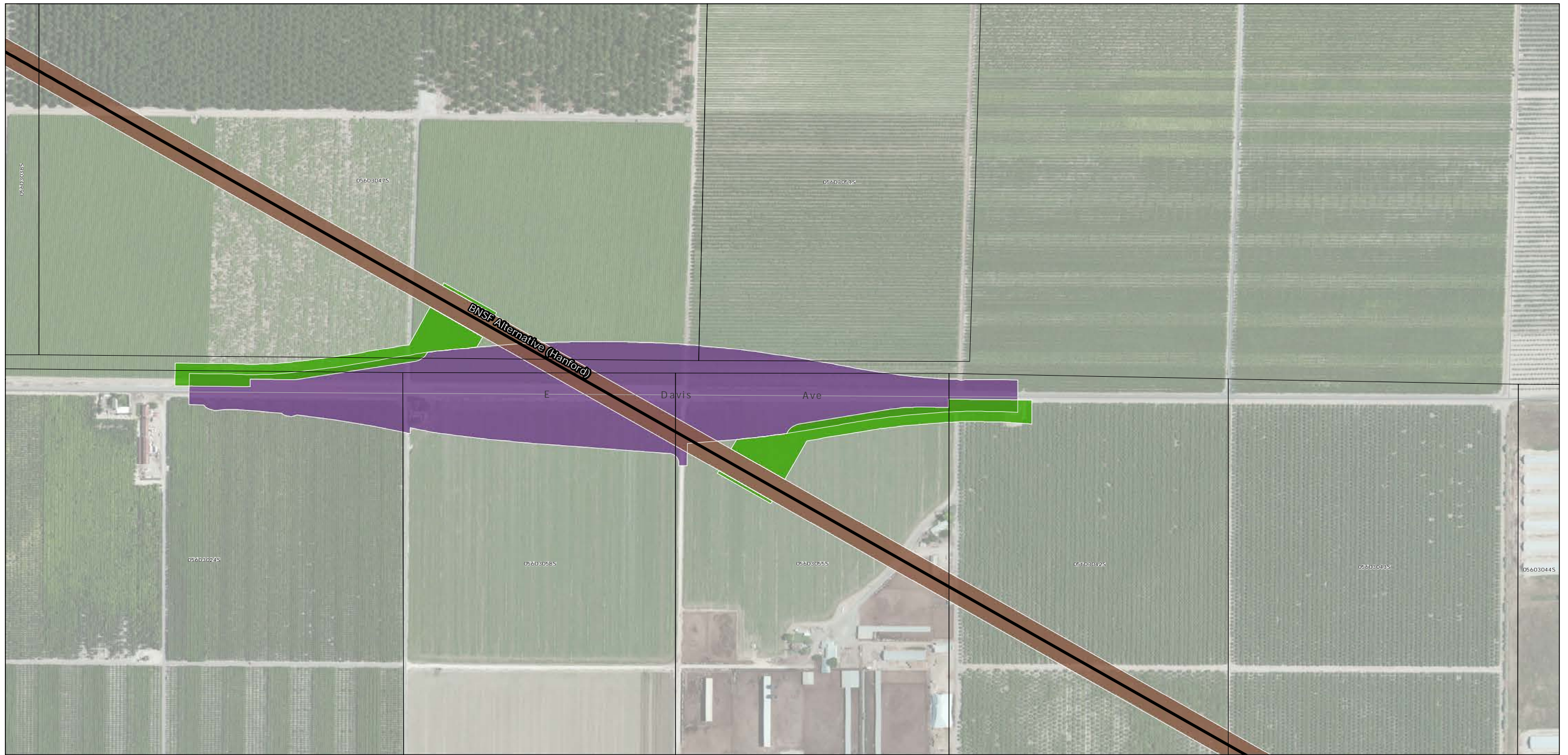
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- Temporary (construction easement)



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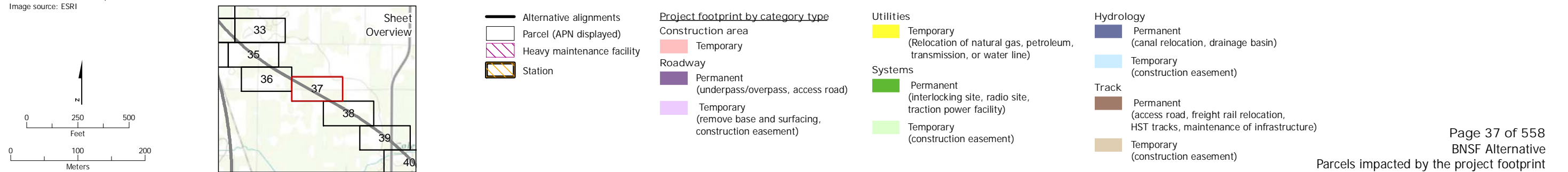
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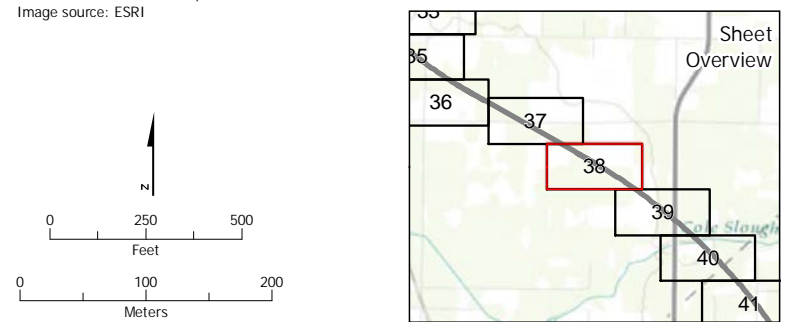
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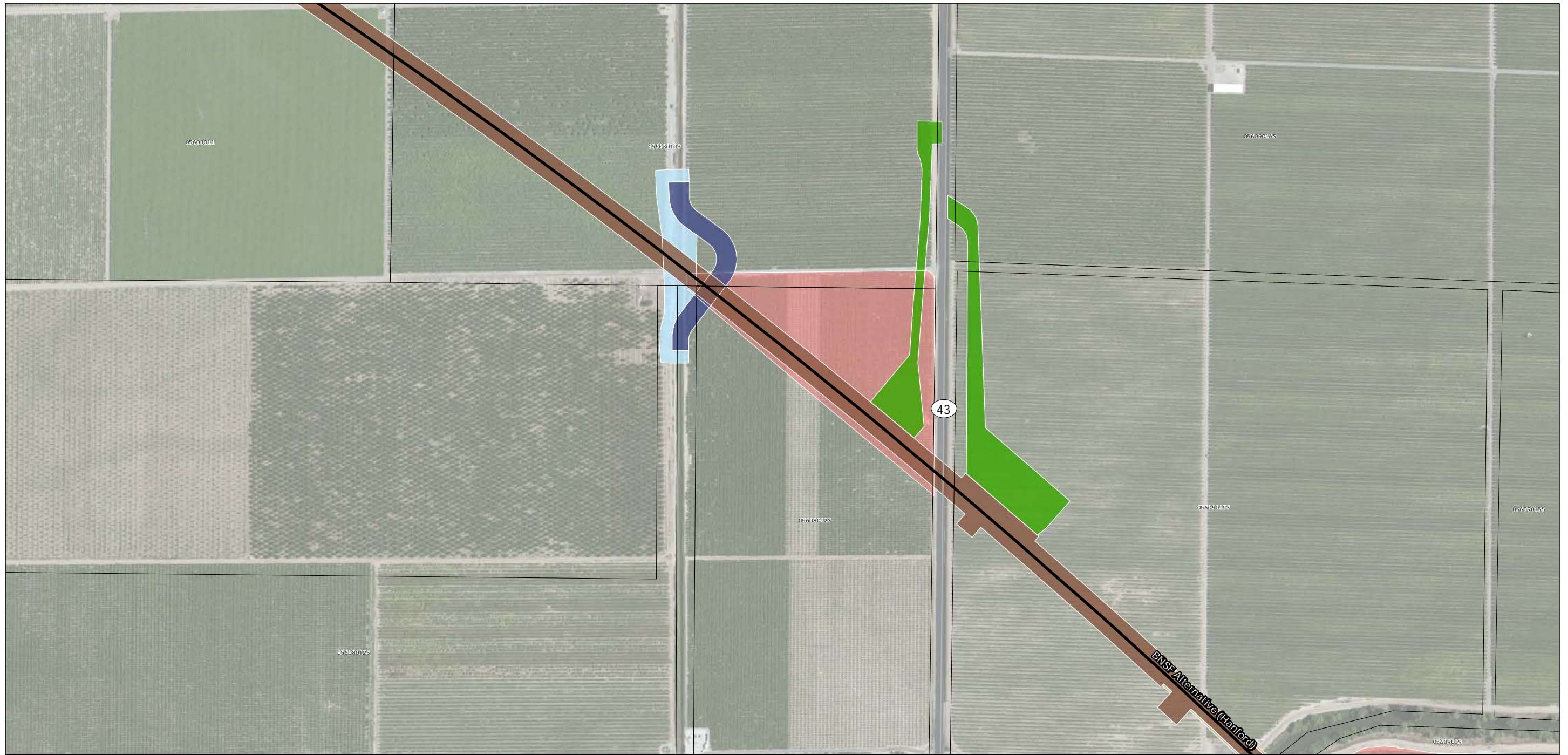


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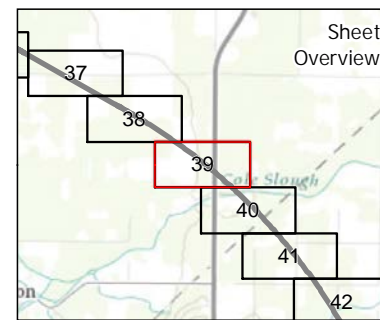
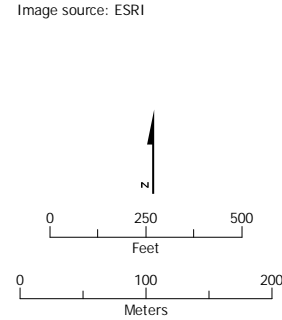


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
|---|---|--|--|



Data source: URS/HMM/Arup JV, 2014
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- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)

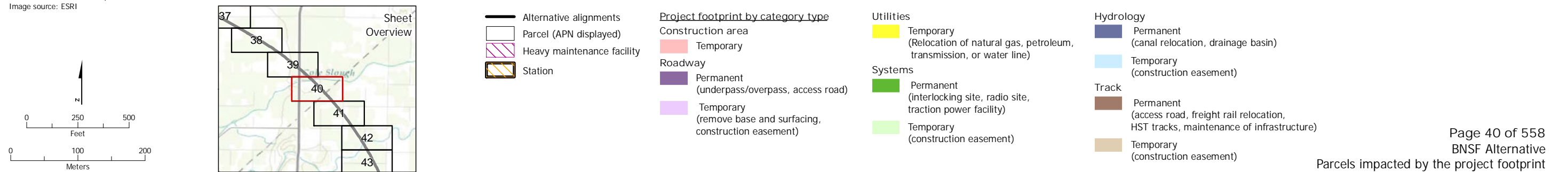
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

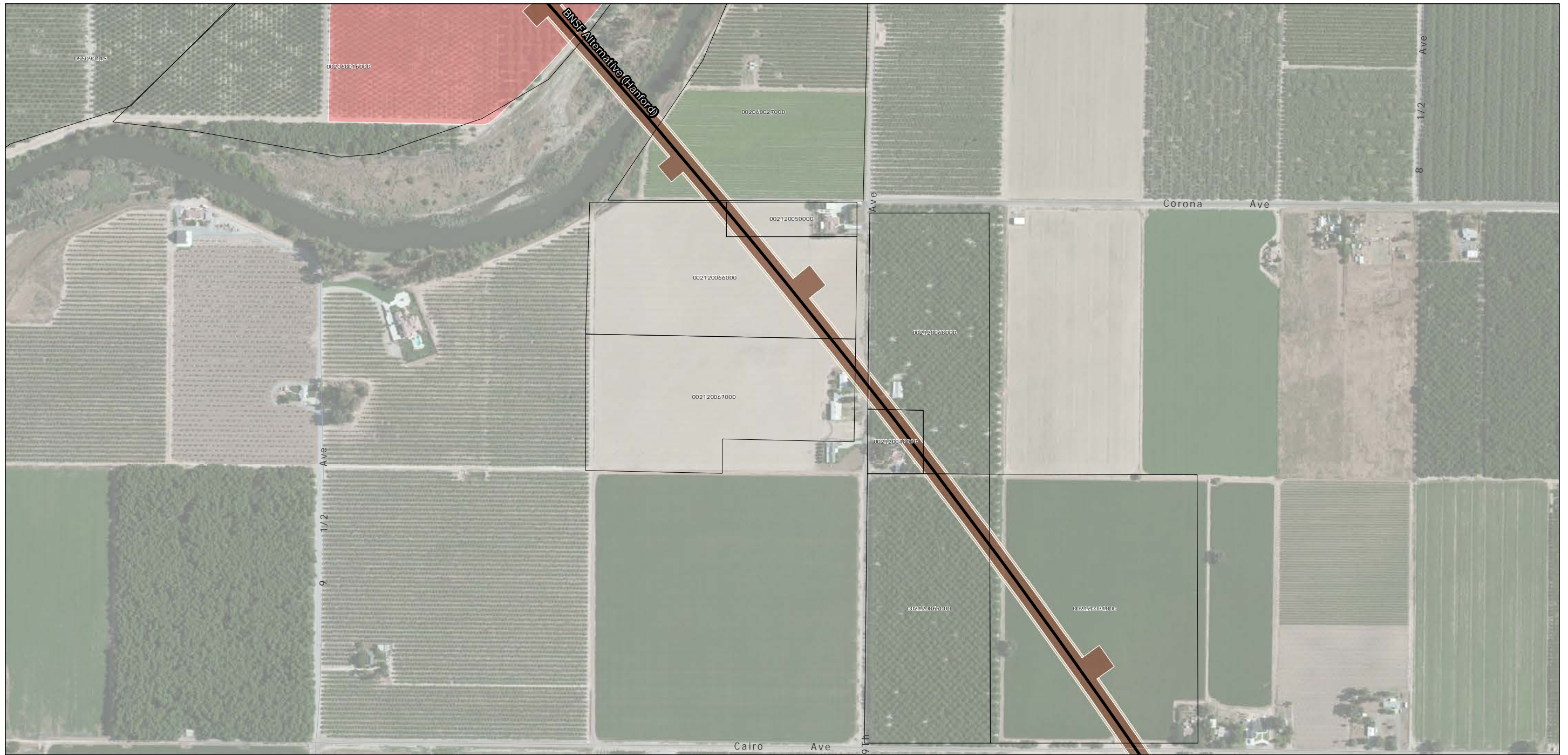
- Hydrology**
- Permanent (canal relocation, drainage basin)
 - Temporary (construction easement)
- Track**
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



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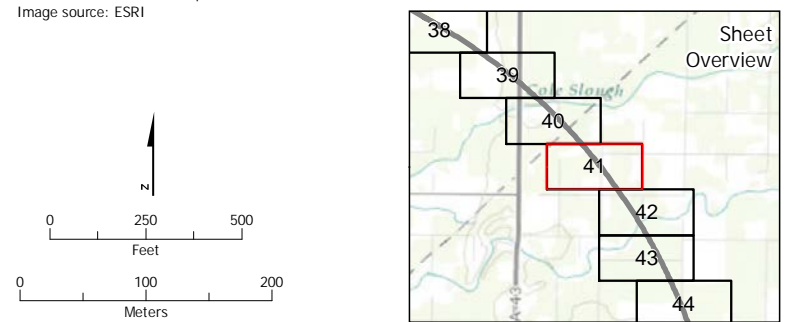
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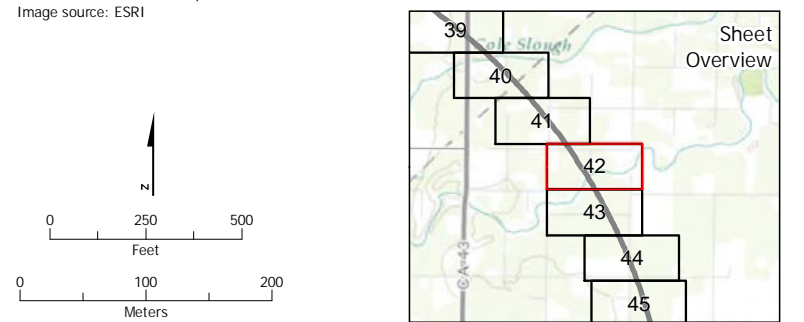


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
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 - Roadway**
 - Permanent (underpass/overpass, access road)
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- Utilities**
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March 19, 2014



- Alternative alignments
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 Image source: ESRI

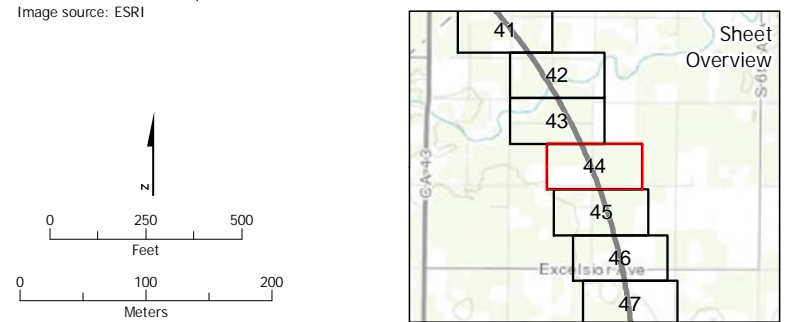
March 19, 2014

<ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station 	<p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) 	<p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) 	<p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement)
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March 19, 2014

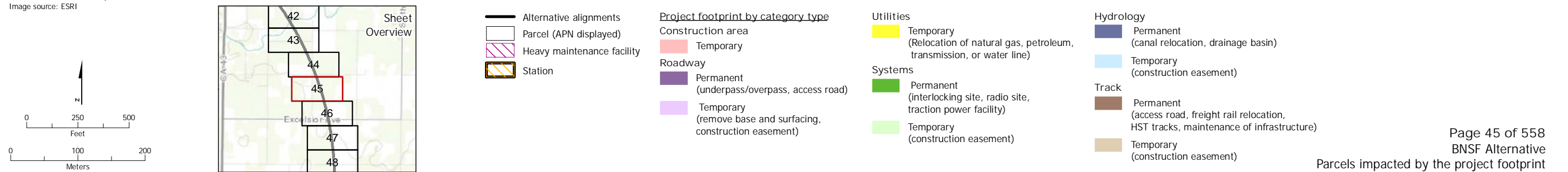


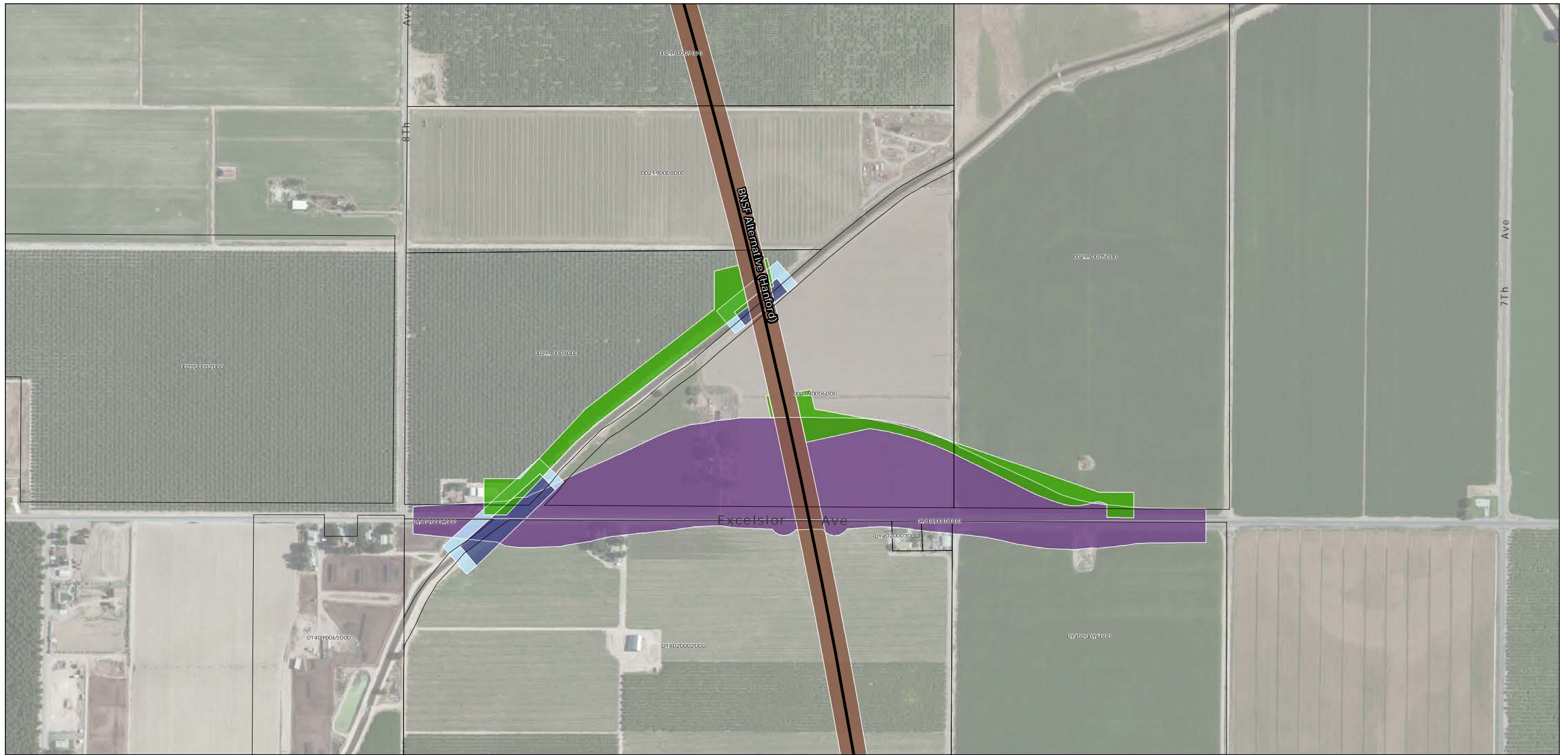
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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
|---|---|--|--|



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

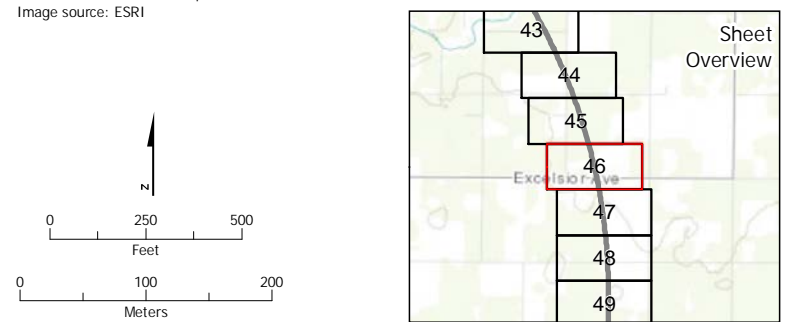
March 19, 2014





Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014



- | | | | |
|---|--|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <ul style="list-style-type: none"> Construction area Temporary Roadway Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
|---|--|--|--|



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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Alternative alignments

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

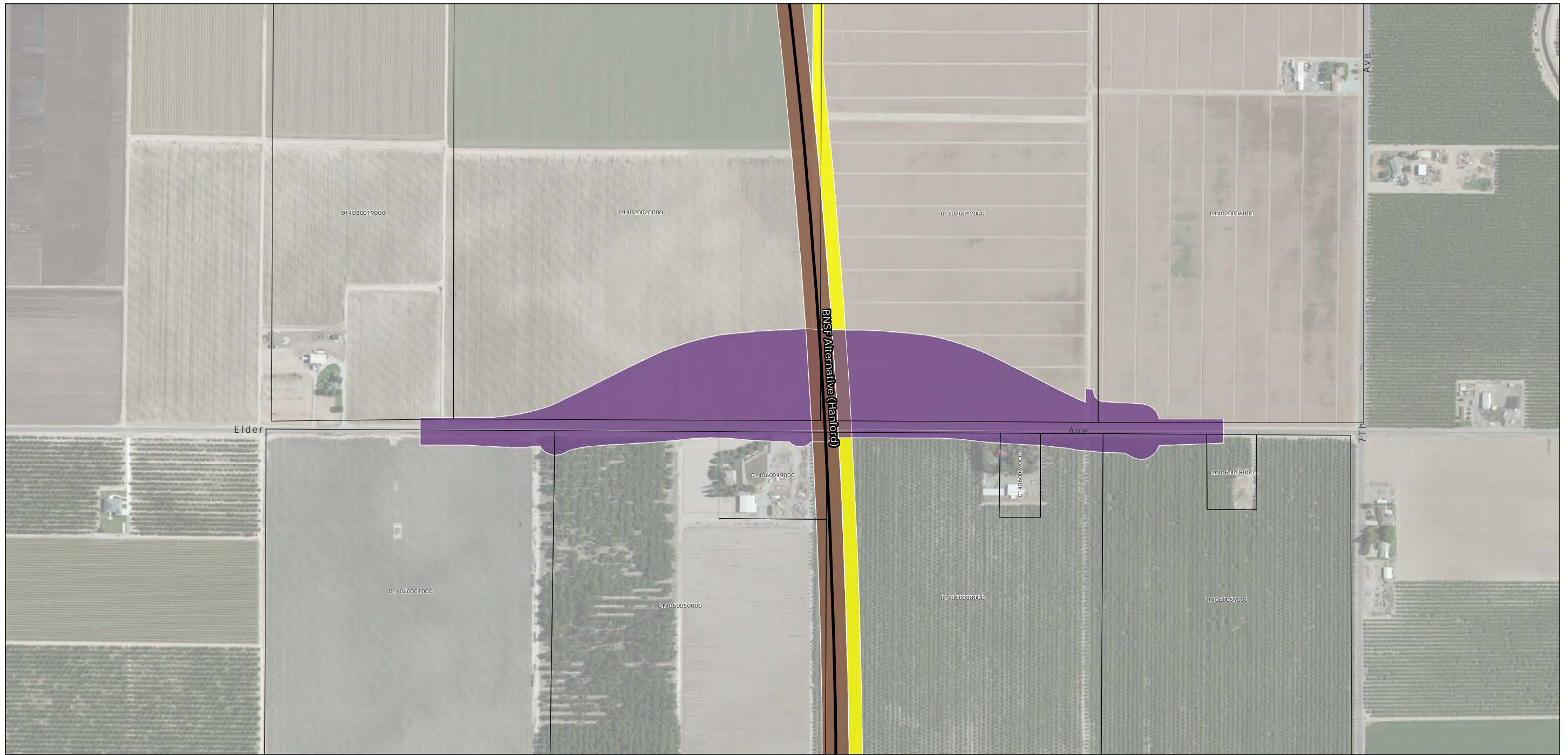
- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

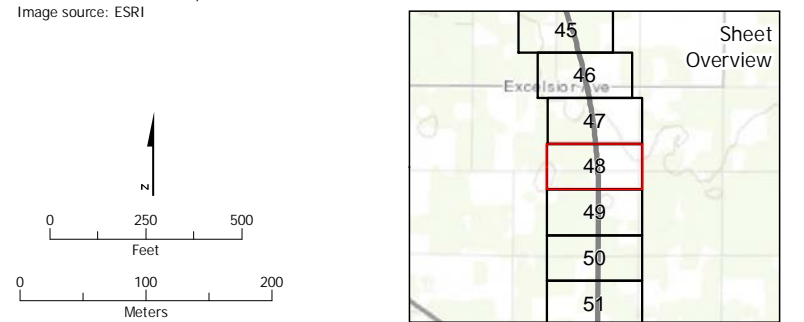
Track

- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
- Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
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March 19, 2014



- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
|---|---|--|--|



Data source: URS/HMM/Arup JV, 2014
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- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)

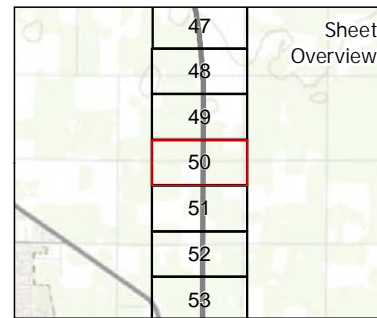
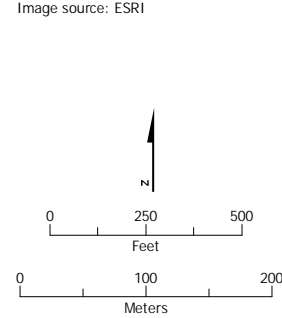
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- Hydrology**
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 - Temporary (construction easement)
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 - Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

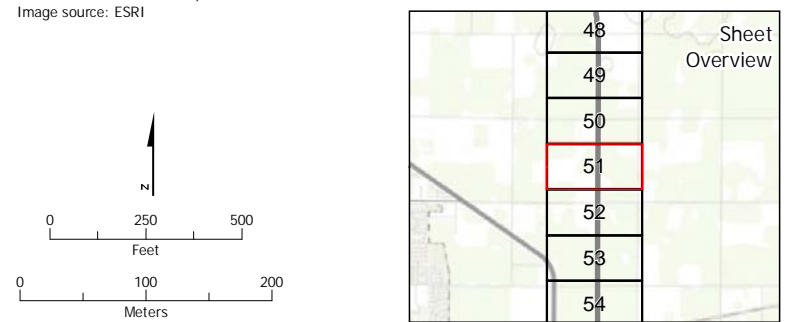


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
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- Track**
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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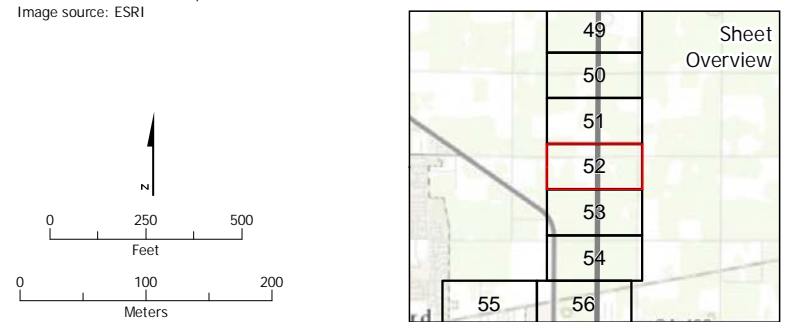


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
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- Project footprint by category type**
- Construction area**
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 Image source: ESRI

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- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
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 - Temporary (remove base and surfacing, construction easement)

- Utilities**
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Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

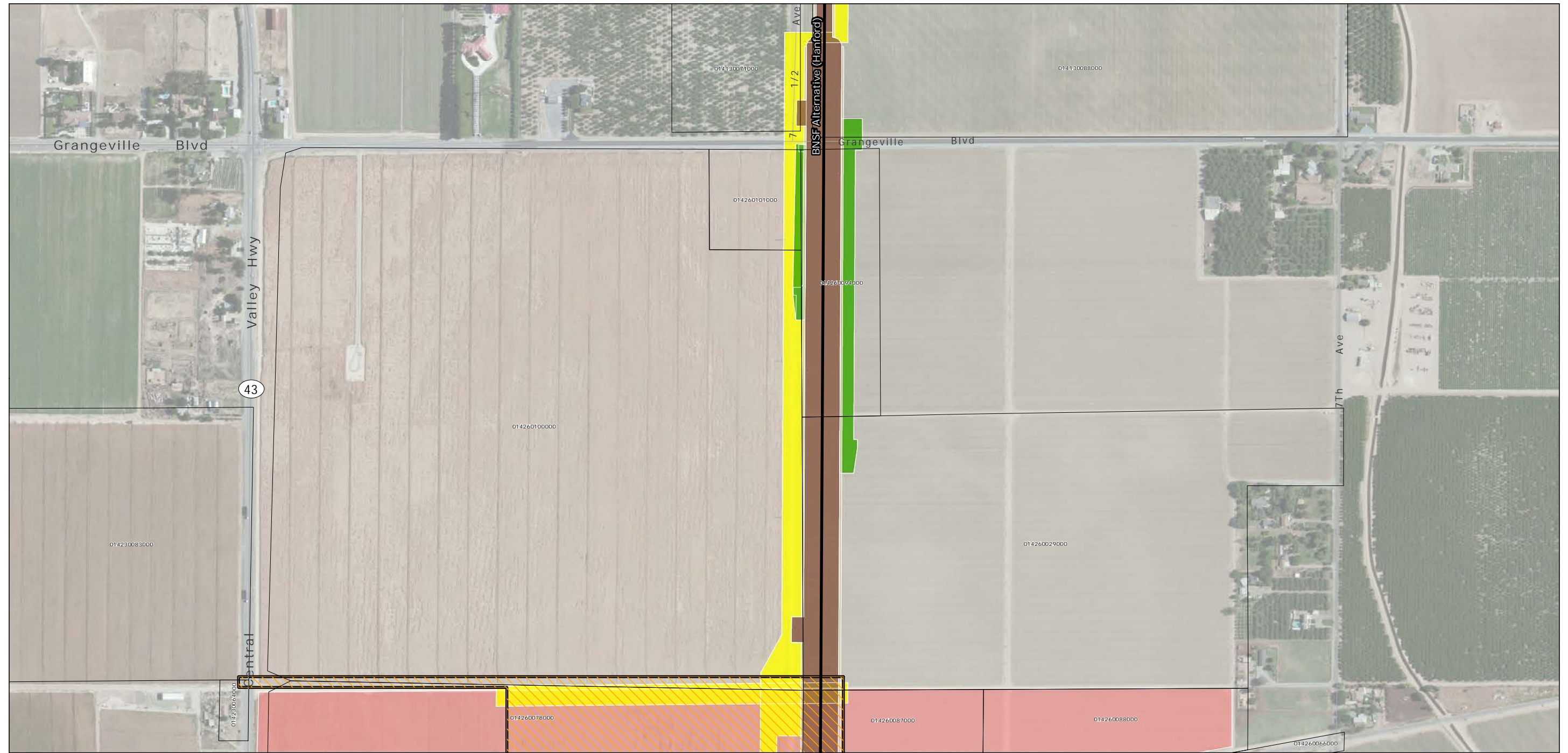


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
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March 19, 2014

Alternative alignments

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- Parcel (APN displayed)
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Project footprint by category type

Construction area

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Roadway

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- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

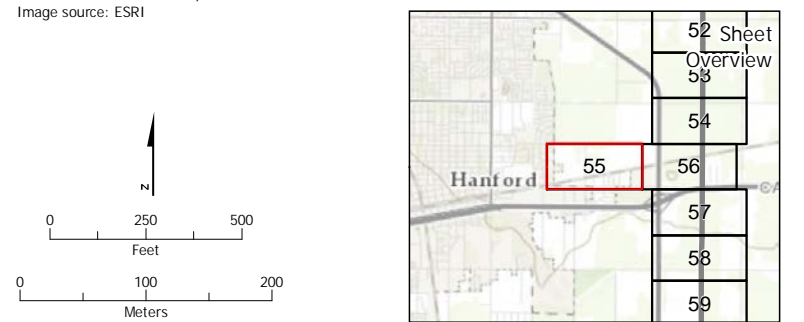
Track

- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
- Temporary (construction easement)

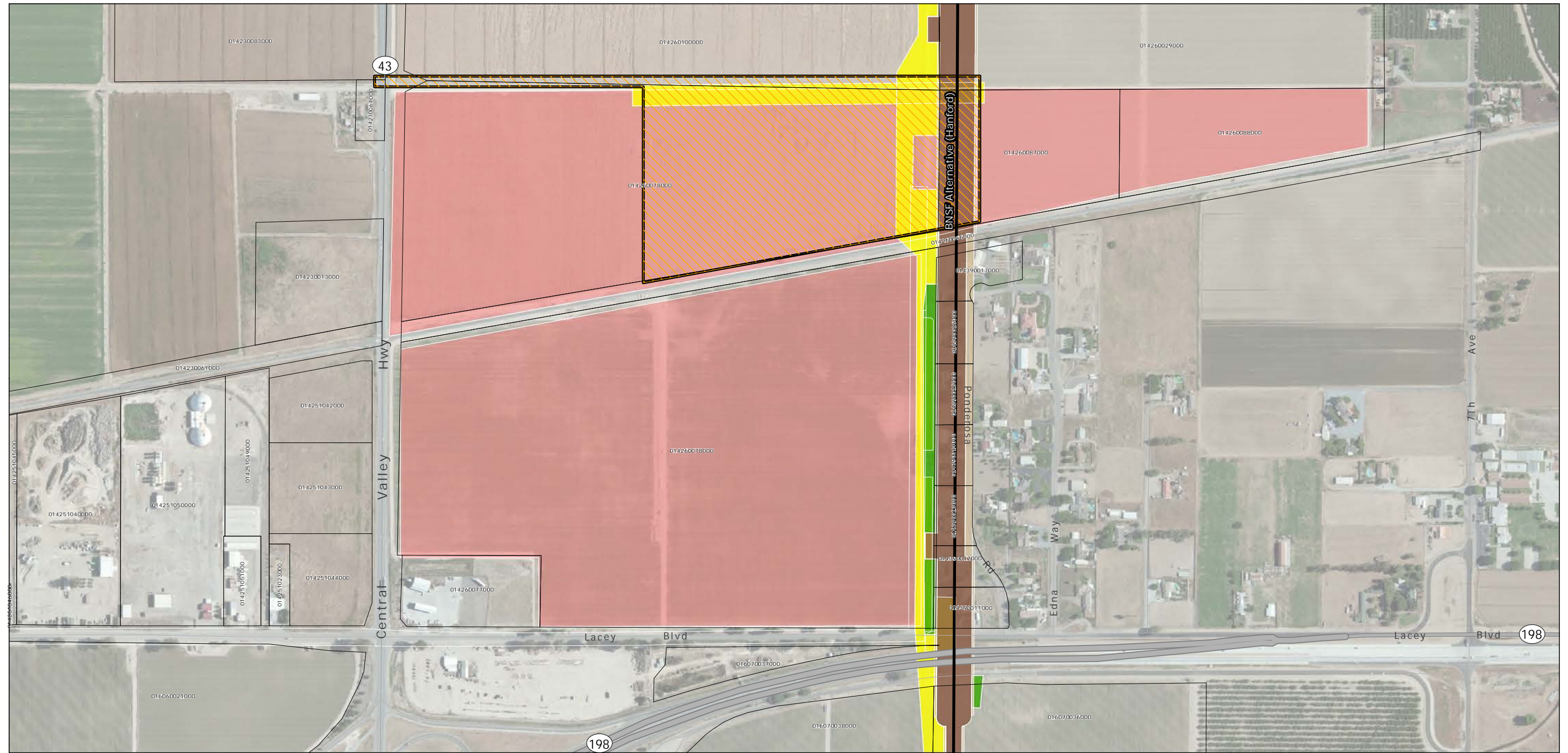


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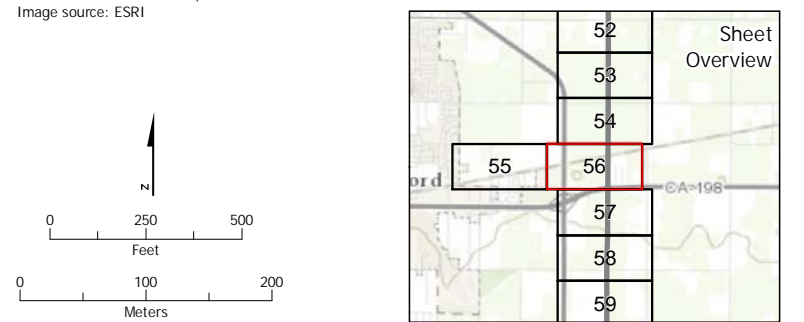


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
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- Project footprint by category type**
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March 19, 2014



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- Construction area
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 - Permanent (underpass/overpass, access road)
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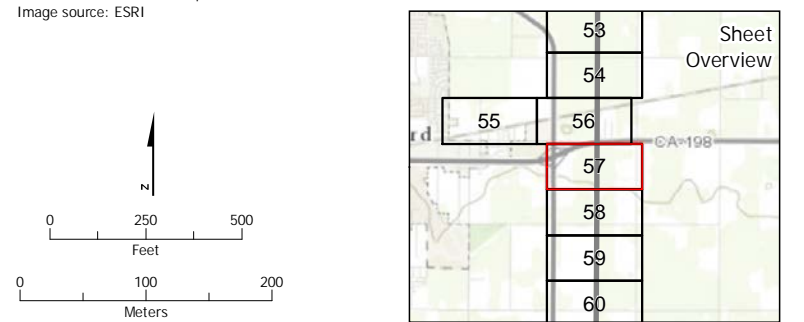
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- Hydrology**
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 - Temporary (construction easement)
- Track**
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 - Temporary (construction easement)

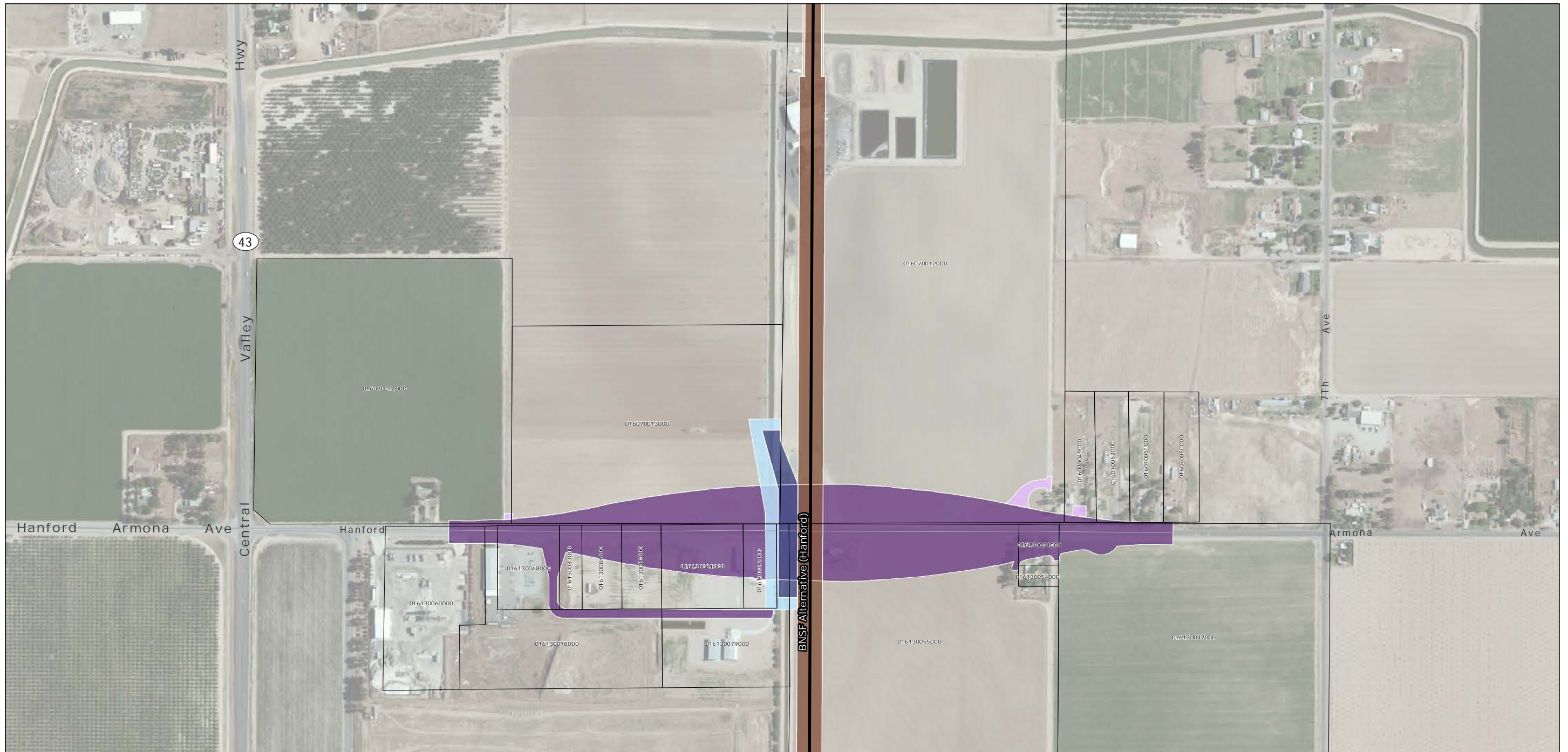


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March 19, 2014

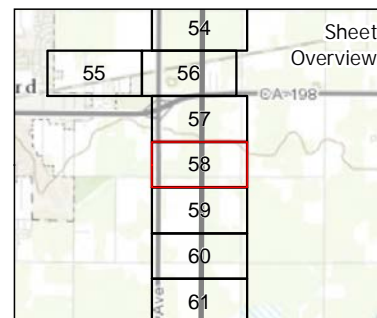
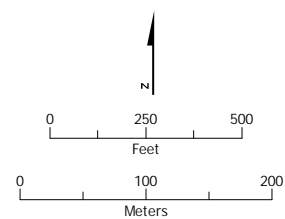


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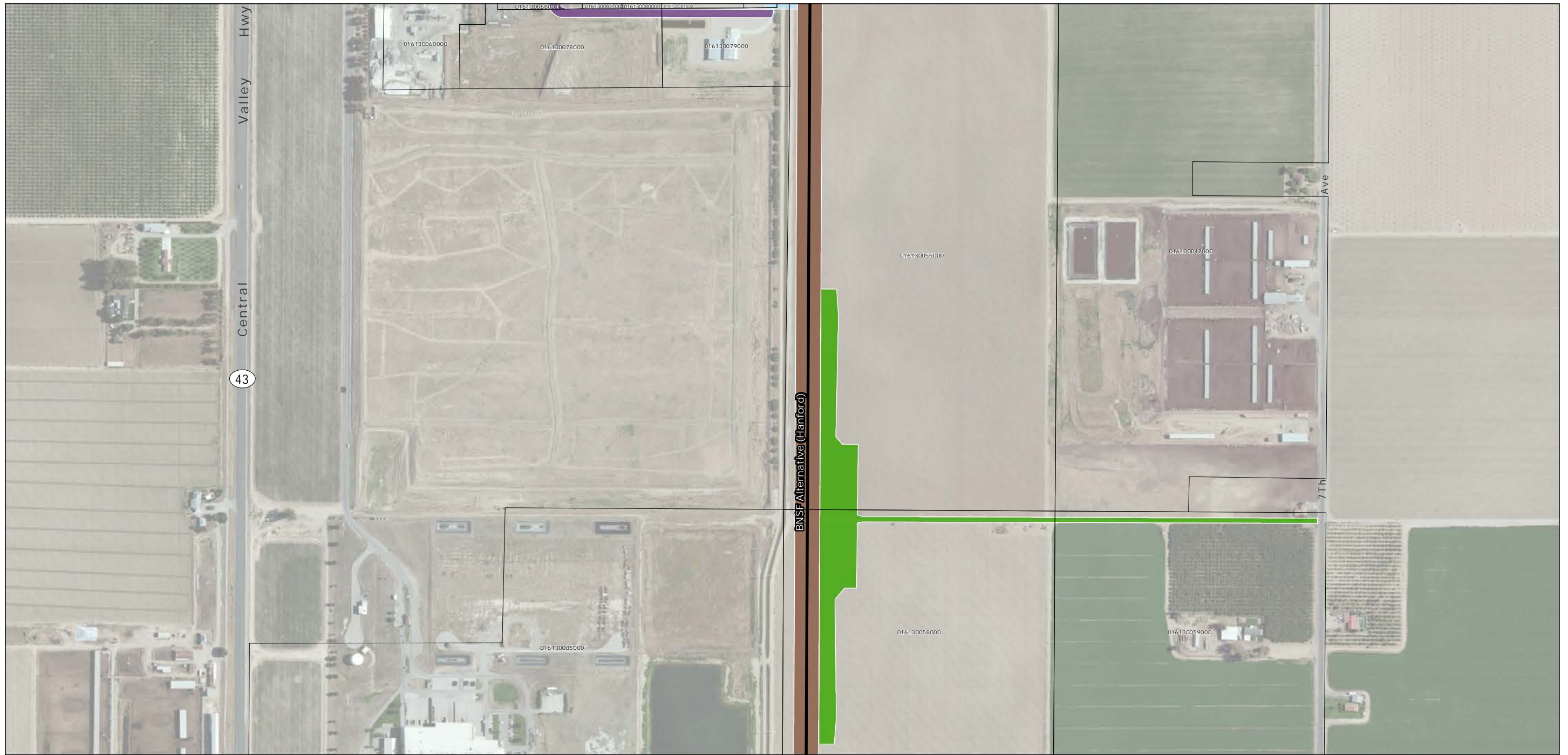


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March 19, 2014

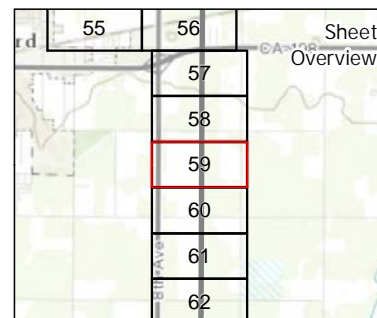
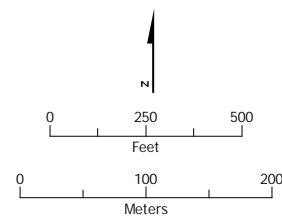


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
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March 19, 2014

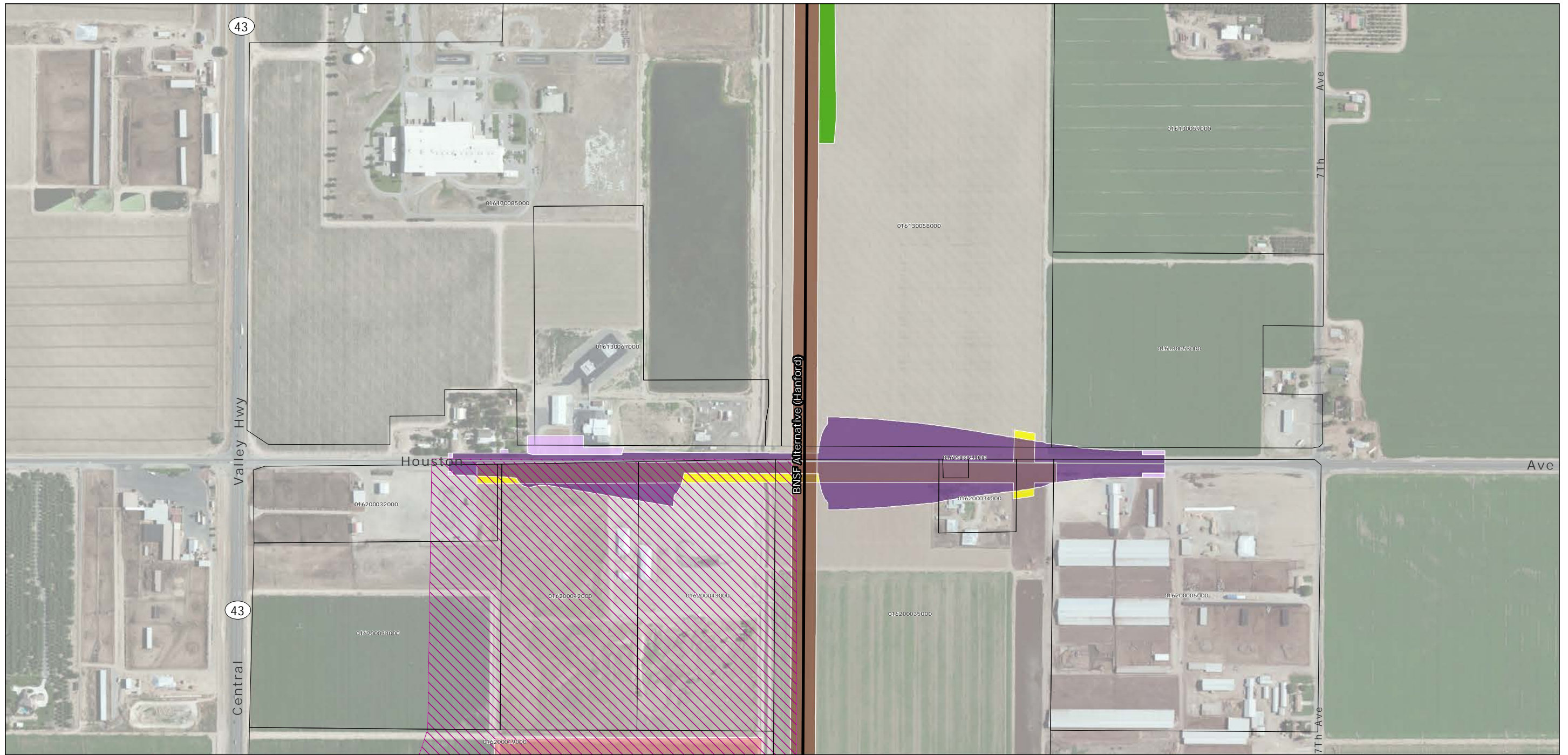


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
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 - Roadway**
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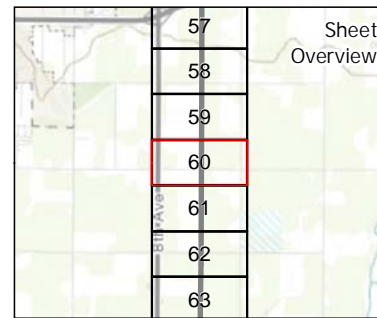
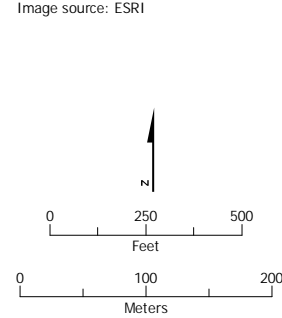
- Utilities**
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March 19, 2014



- Alternative alignments
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 - Heavy maintenance facility
 - Station
- Project footprint by category type**
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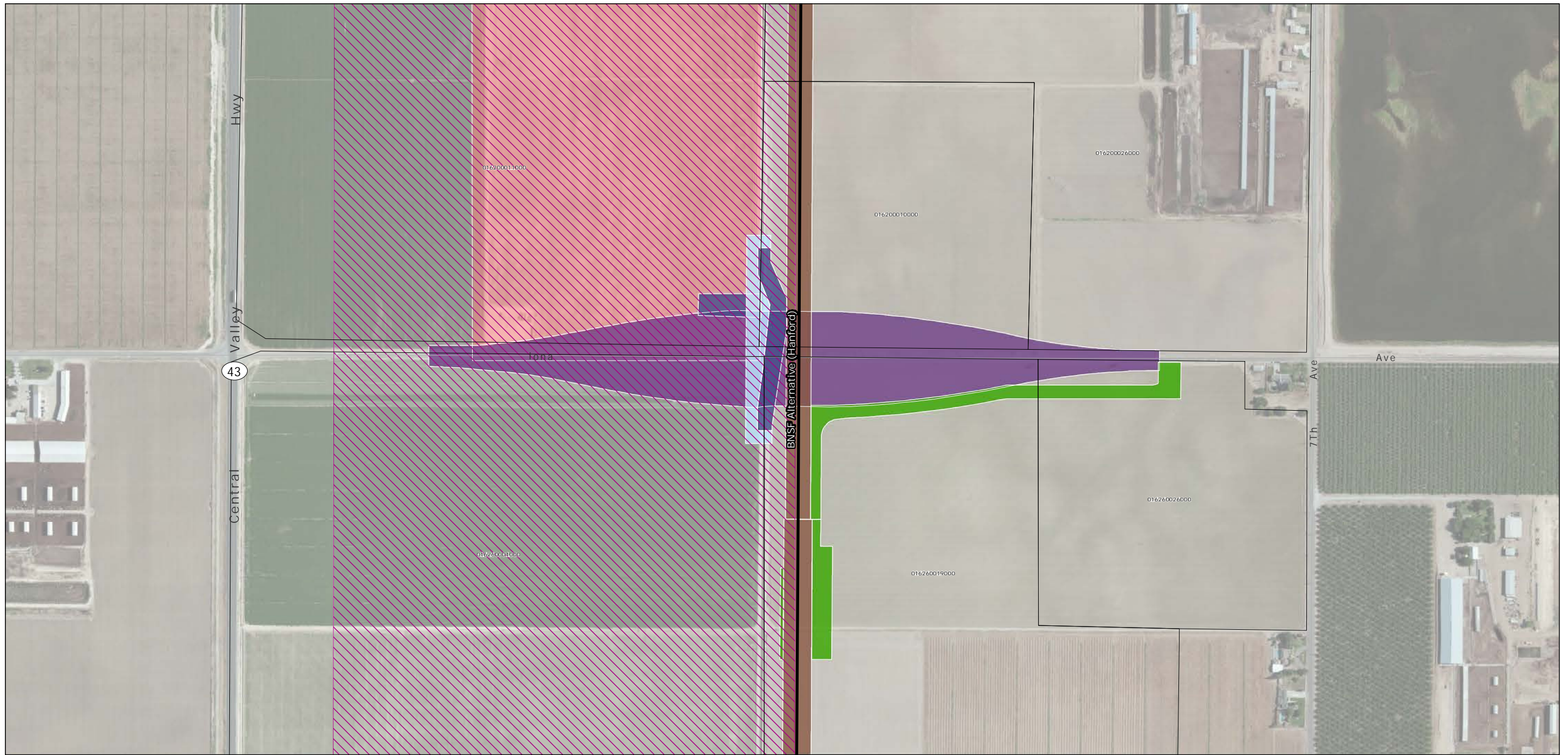


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March 19, 2014



- Alternative alignments
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 - Heavy maintenance facility
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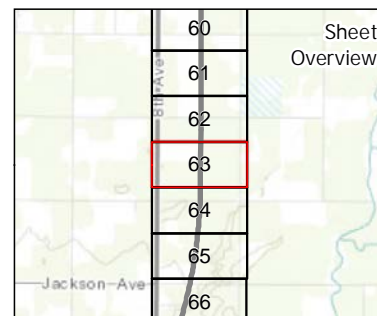
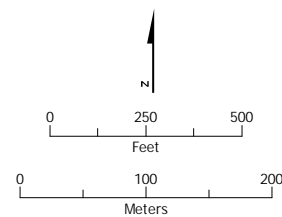


- Alternative alignments
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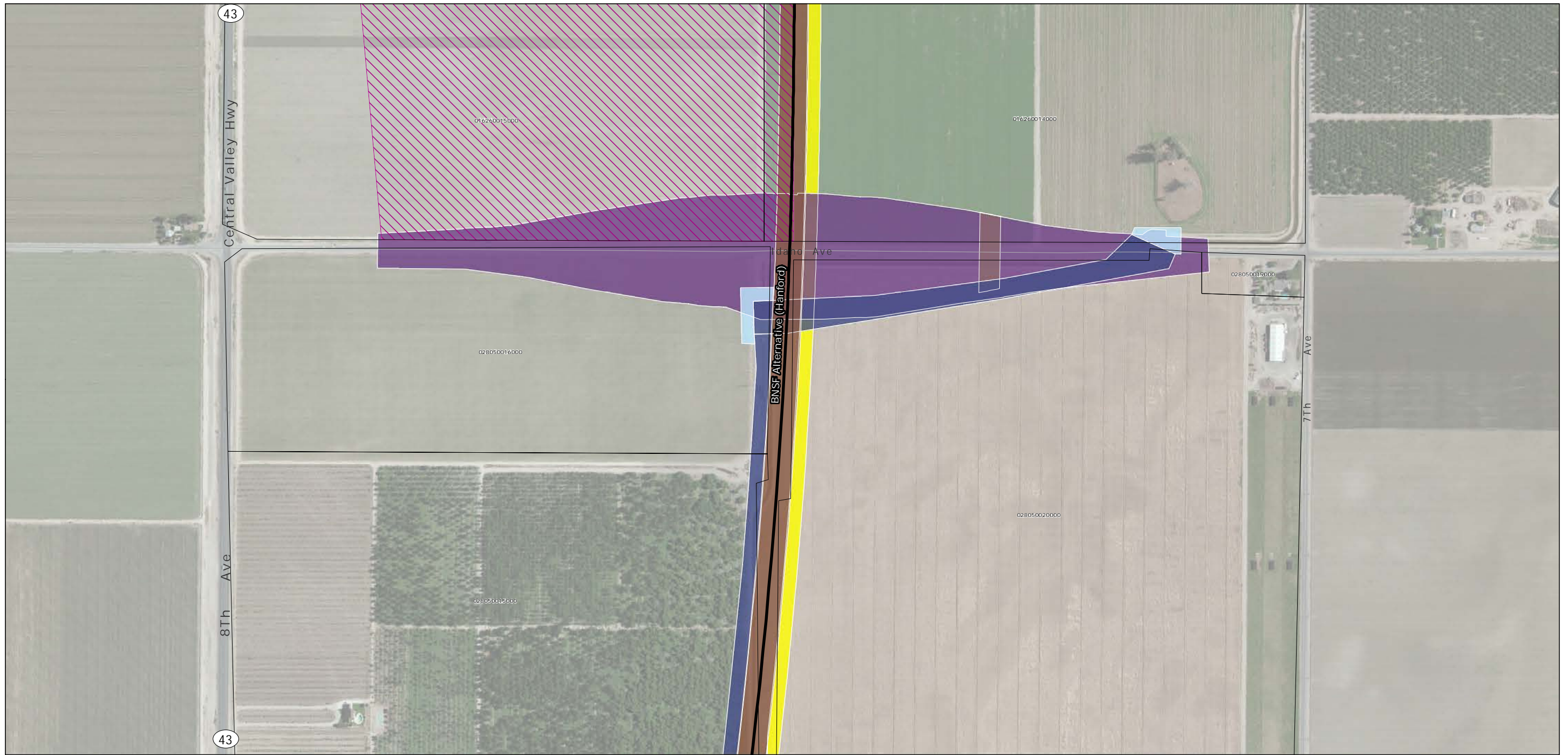


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
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- Project footprint by category type**
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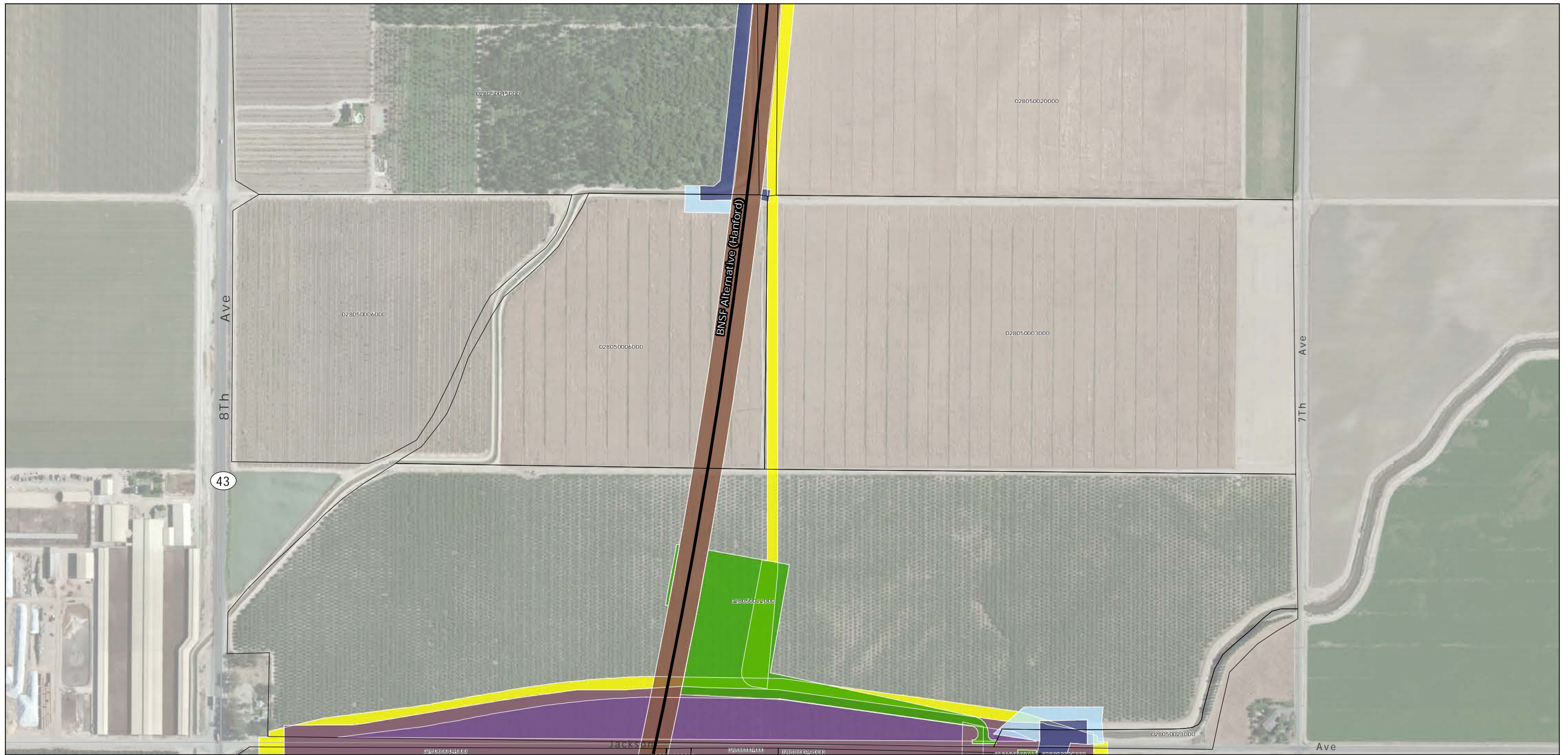


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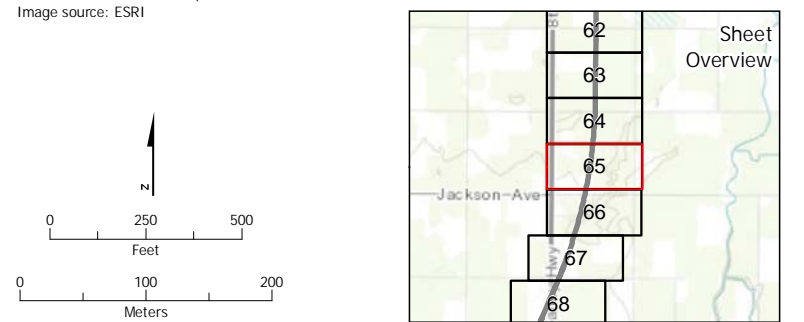


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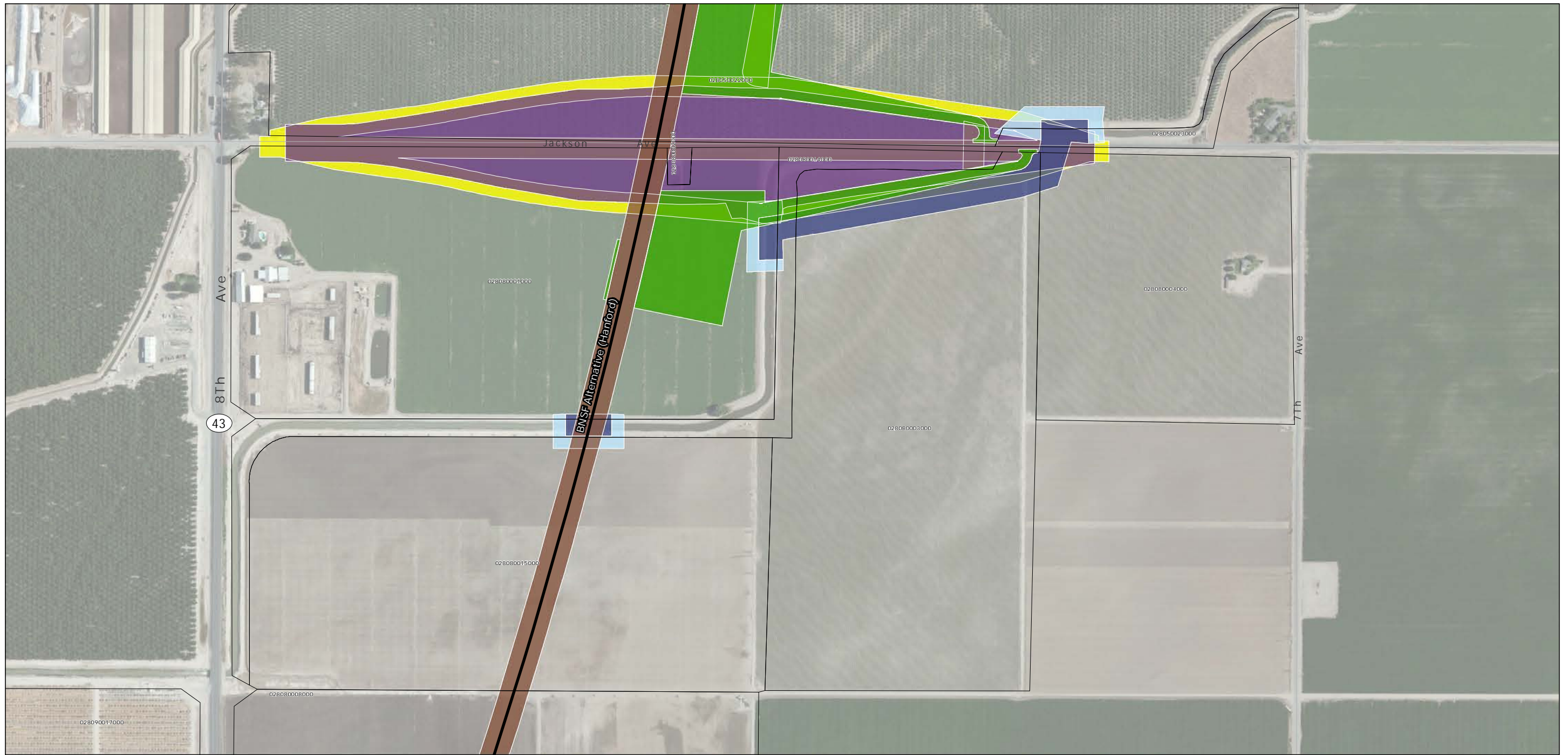


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March 19, 2014

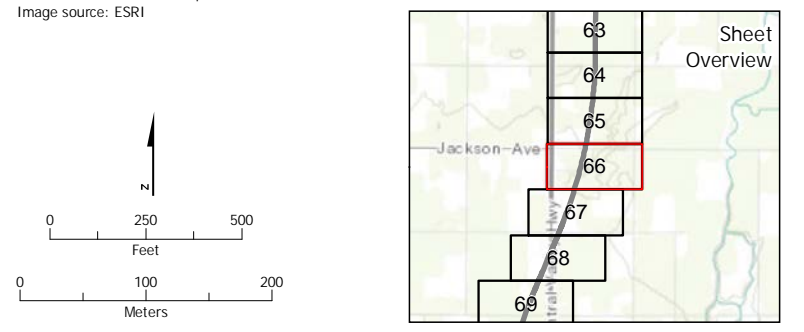


- Alternative alignments
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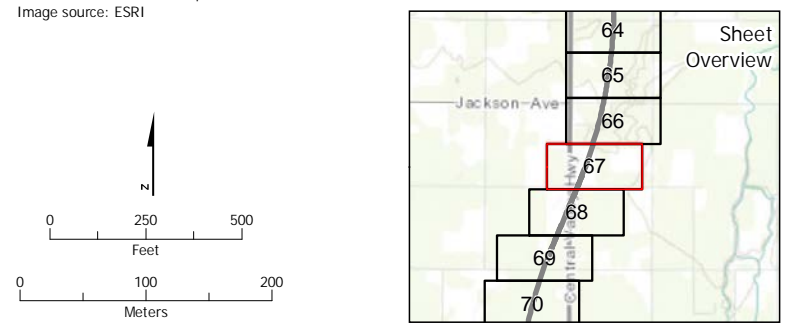


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- Alternative alignments
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 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)
- Hydrology**
- Permanent (canal relocation, drainage basin)
 - Temporary (construction easement)
- Track**
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

Alternative alignments

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

Track

- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
- Temporary (construction easement)



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 Image source: ESRI

March 19, 2014

Legend

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

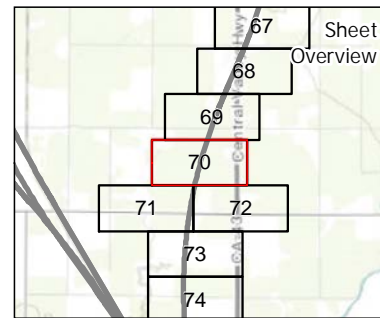
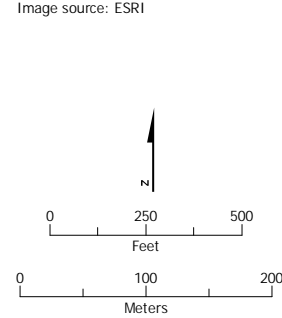
Track

- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
- Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014



- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
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 Image source: ESRI

March 19, 2014

Alternative alignments

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- Parcel (APN displayed)
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Project footprint by category type

Construction area

- Temporary

Roadway

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- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

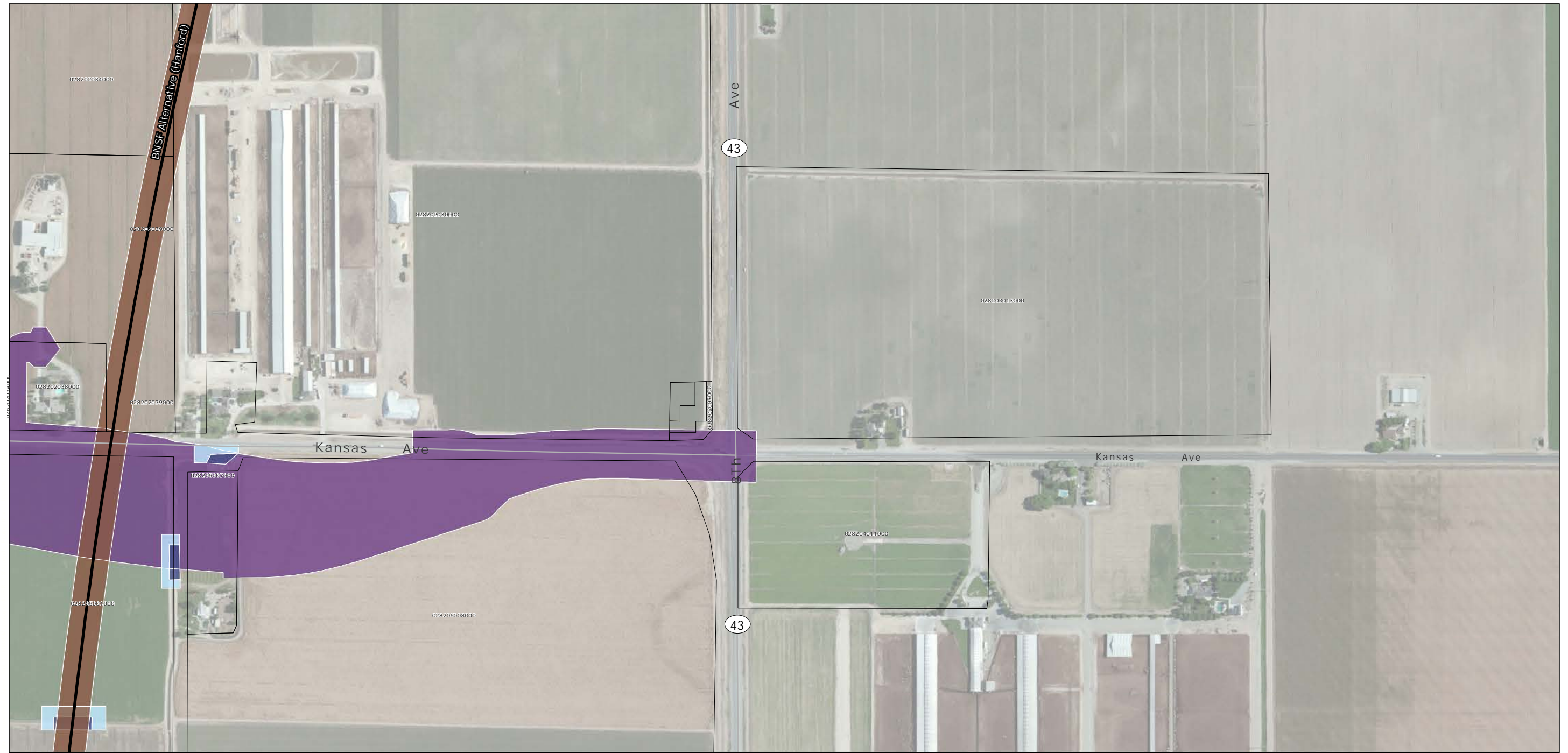
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- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

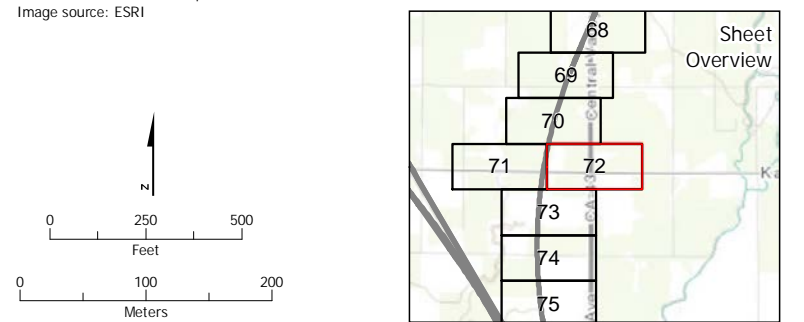
Track

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- Temporary (construction easement)



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014



- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
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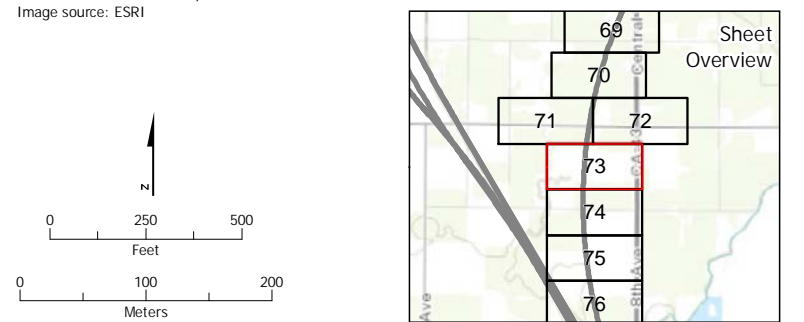
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
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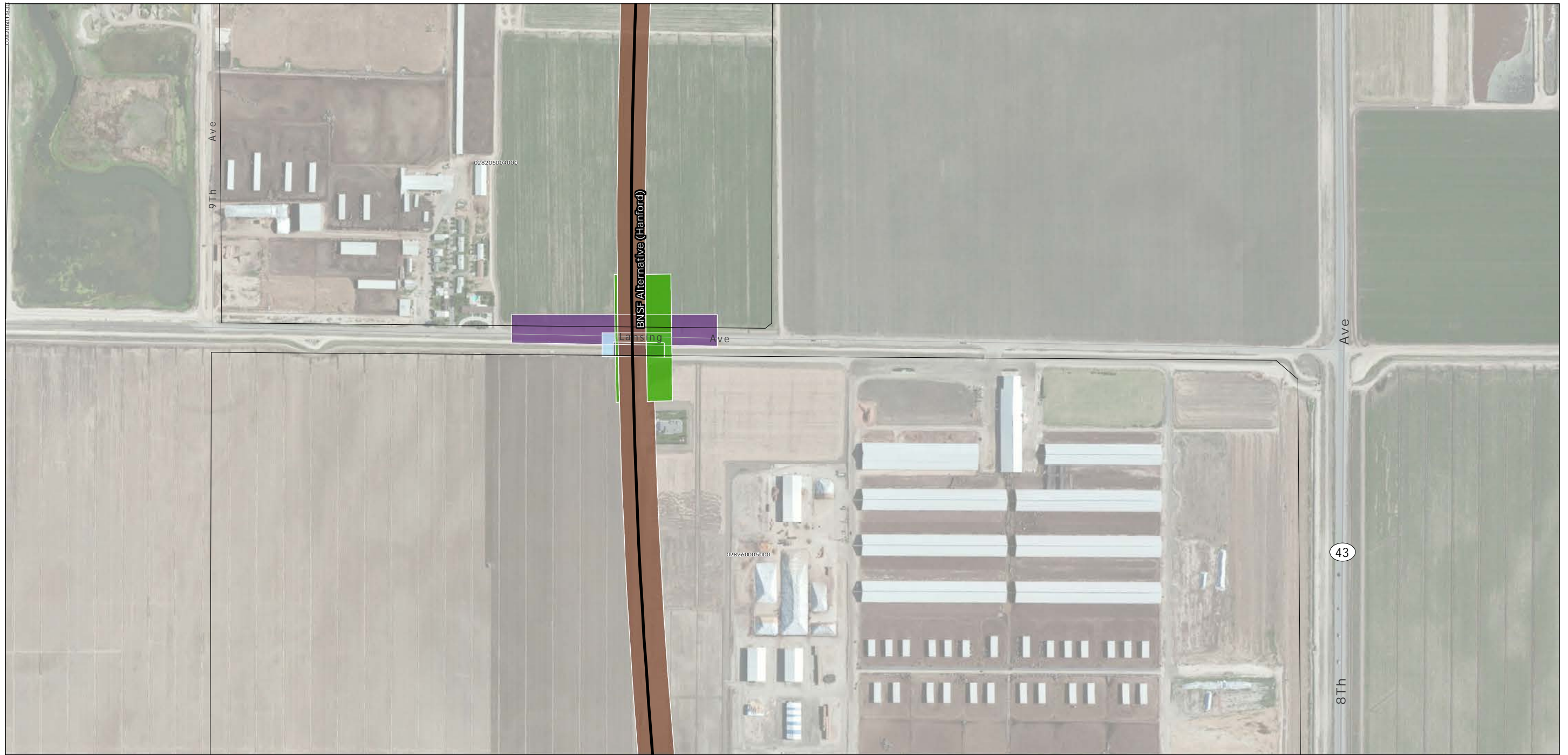


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 Image source: ESRI

March 19, 2014

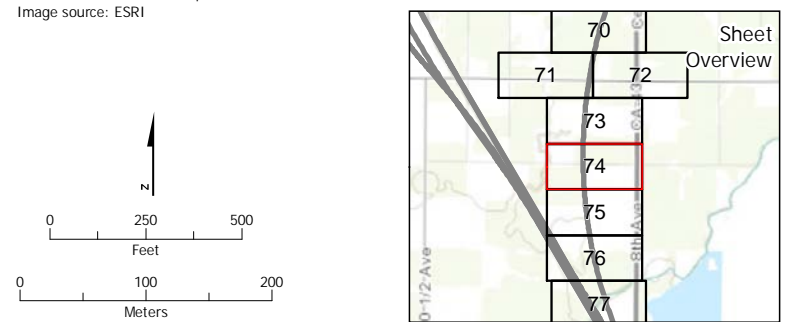


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
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Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

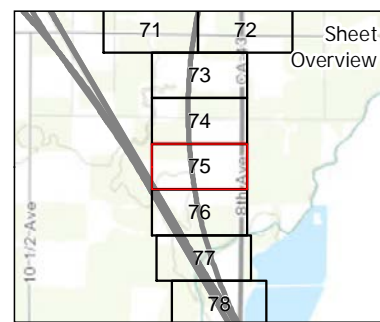
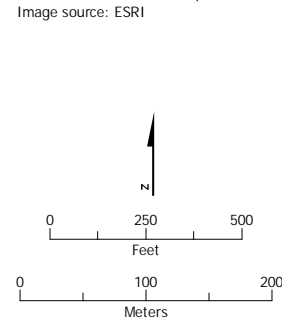


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
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Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
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 - Roadway**
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 - Temporary (remove base and surfacing, construction easement)

- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- Hydrology**
- Permanent (canal relocation, drainage basin)
 - Temporary (construction easement)
- Track**
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March 19, 2014



- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)

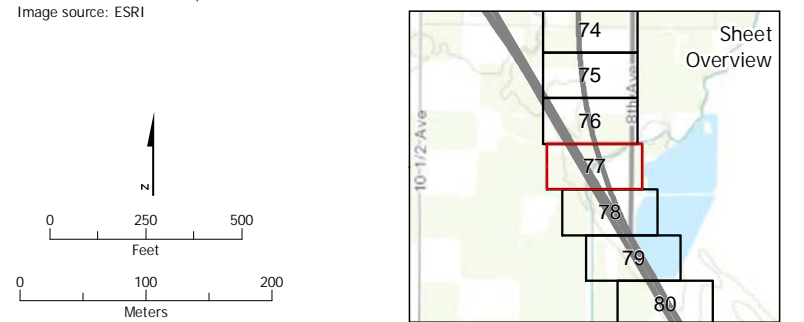
- Utilities**
 - Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
 - Permanent (interlocking site, radio site, traction power facility)
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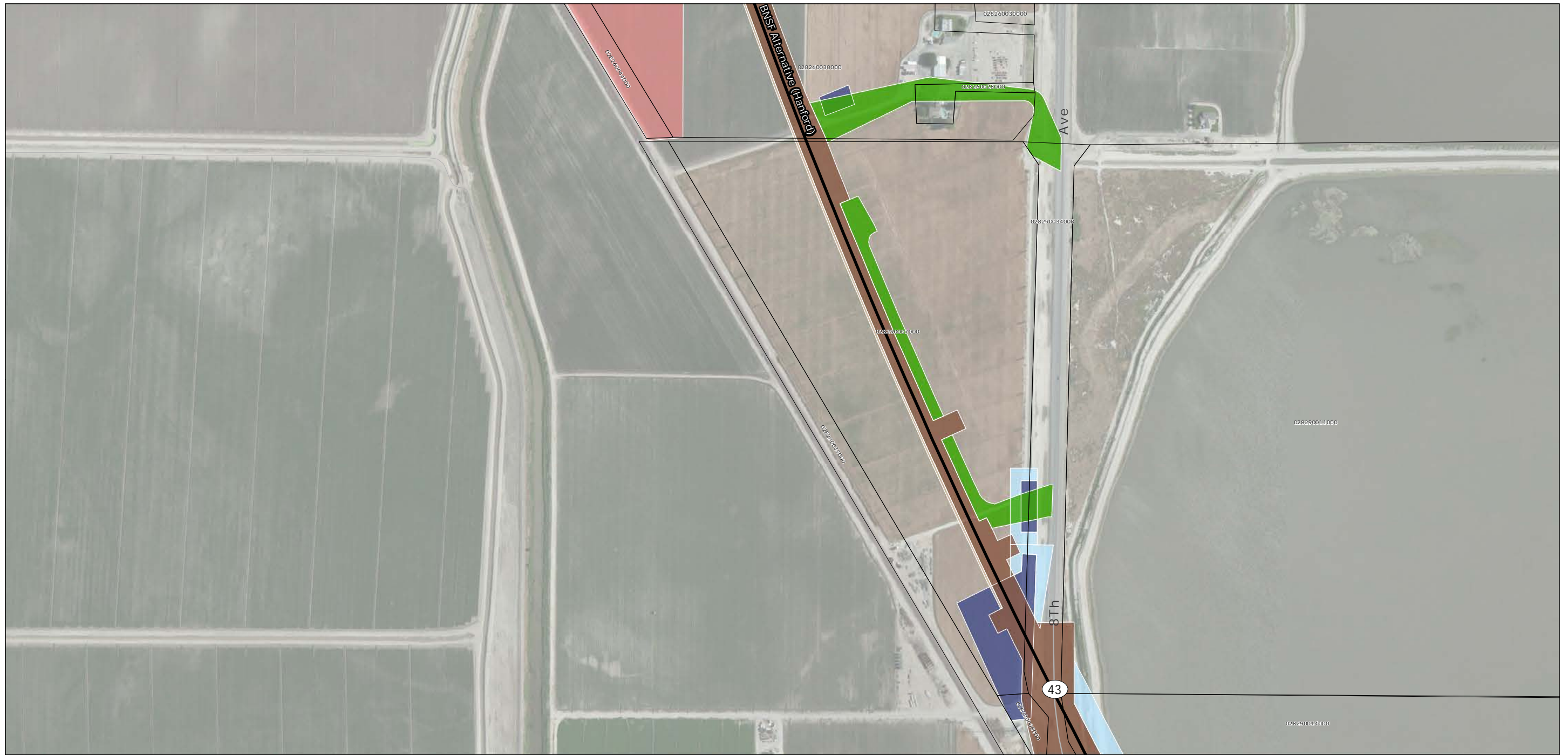


Data source: URS/HMM/Arup JV, 2014
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March 19, 2014



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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) | <p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement) |
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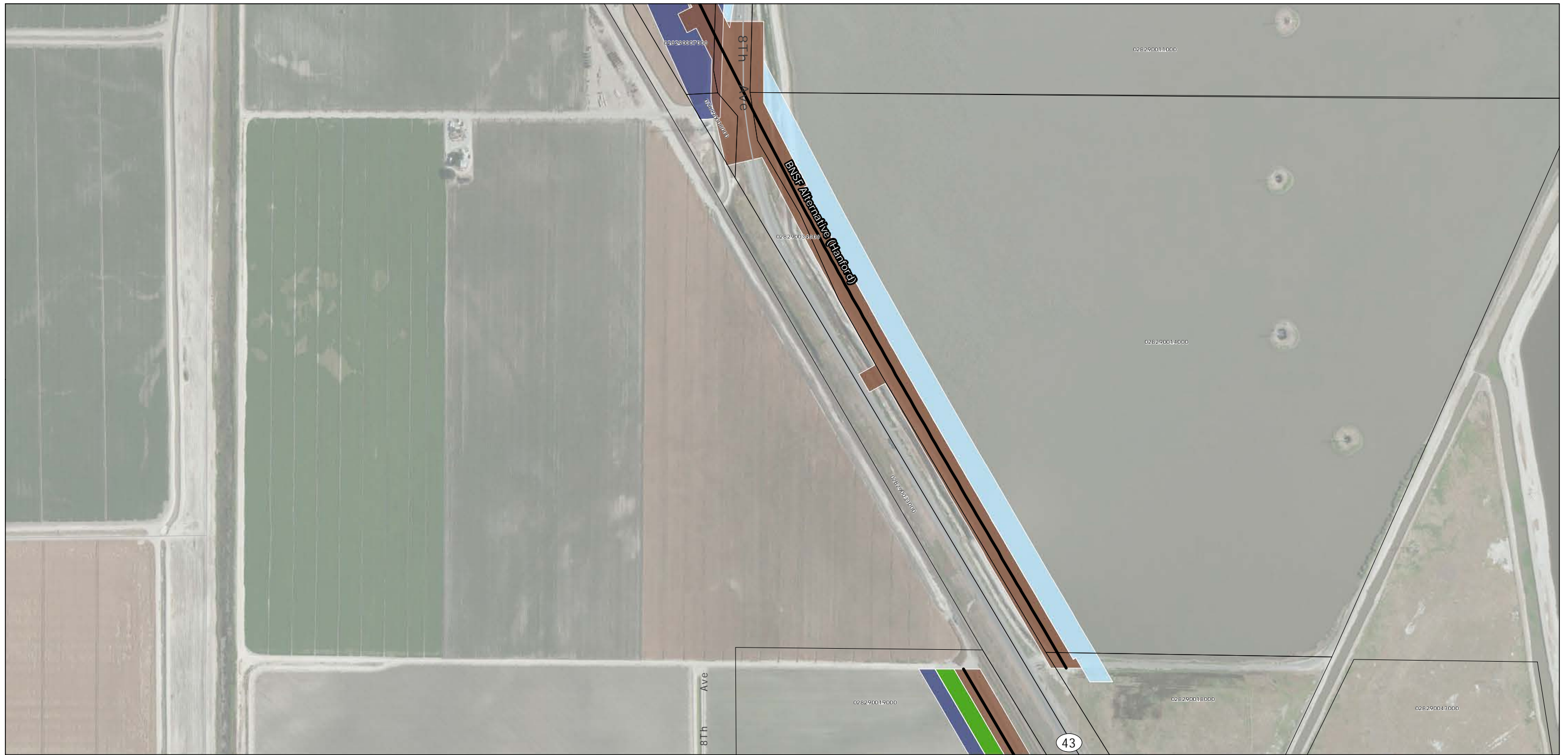


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March 19, 2014

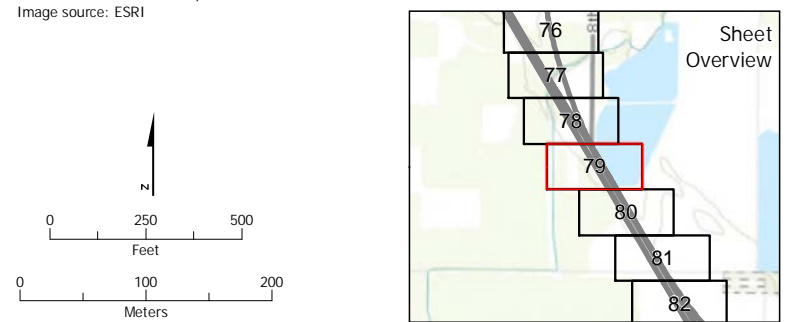


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|---|---|--|--|
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|---|---|--|--|



Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

Sheet Overview

Legend

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

- Construction area - Temporary
- Roadway - Permanent (underpass/overpass, access road)
- Roadway - Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

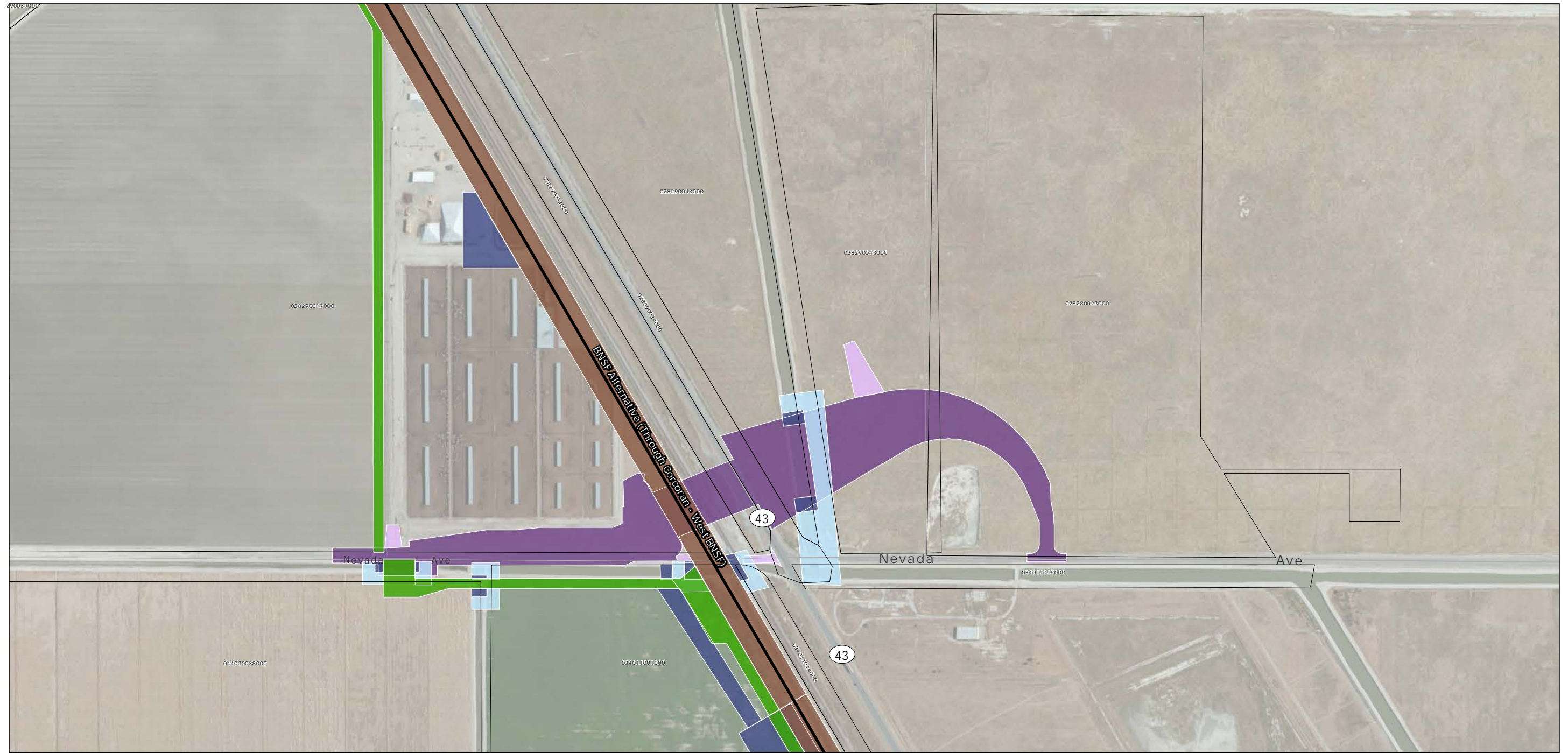
- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

- Permanent (canal relocation, drainage basin)
- Temporary (construction easement)

Track

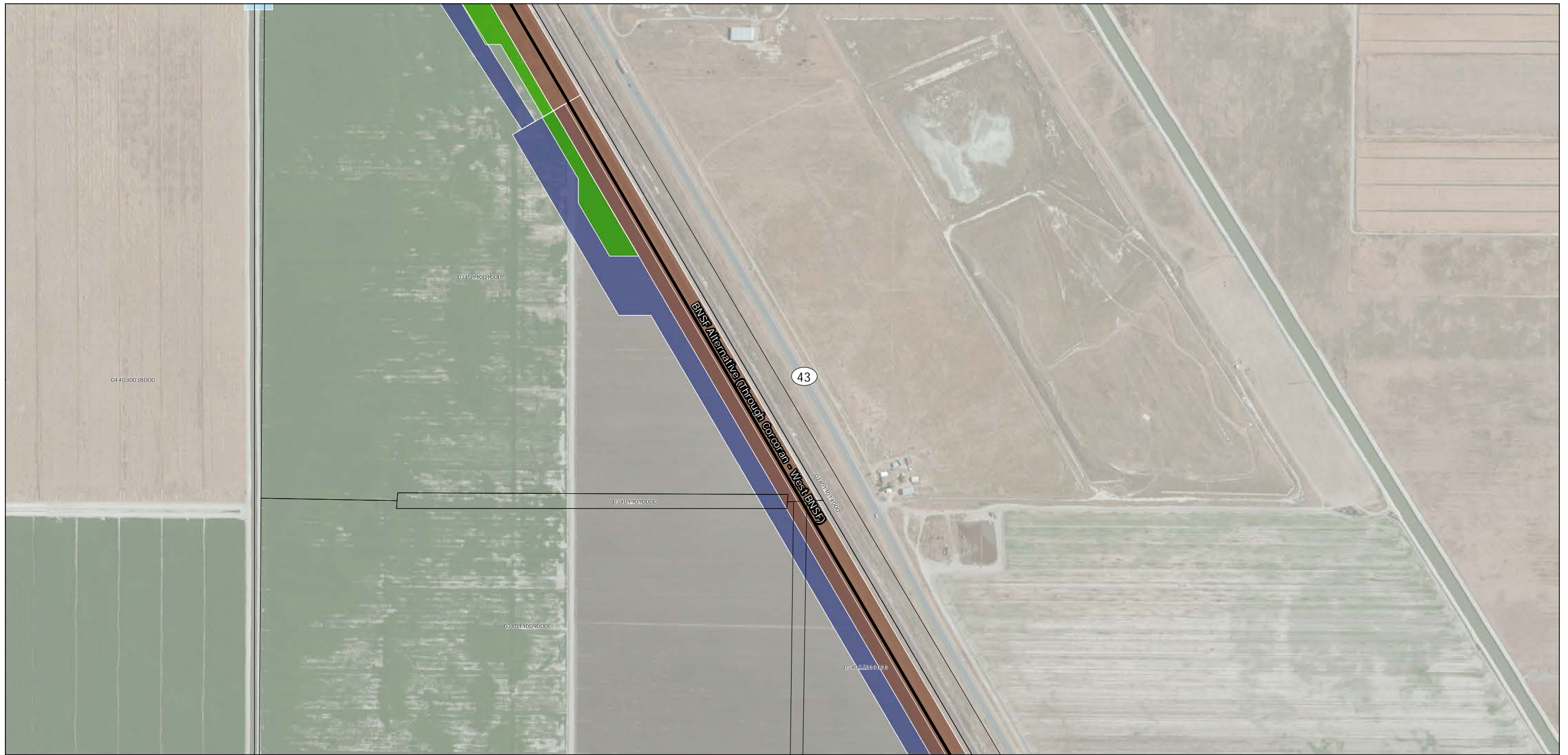
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
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March 19, 2014

<ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station 	<p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) 	<p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) 	<p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement)
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Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

Alternative alignments

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

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Hydrology

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- Temporary (construction easement)

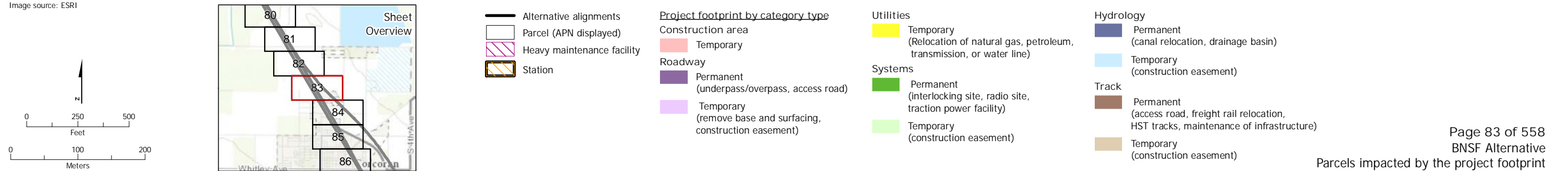
Track

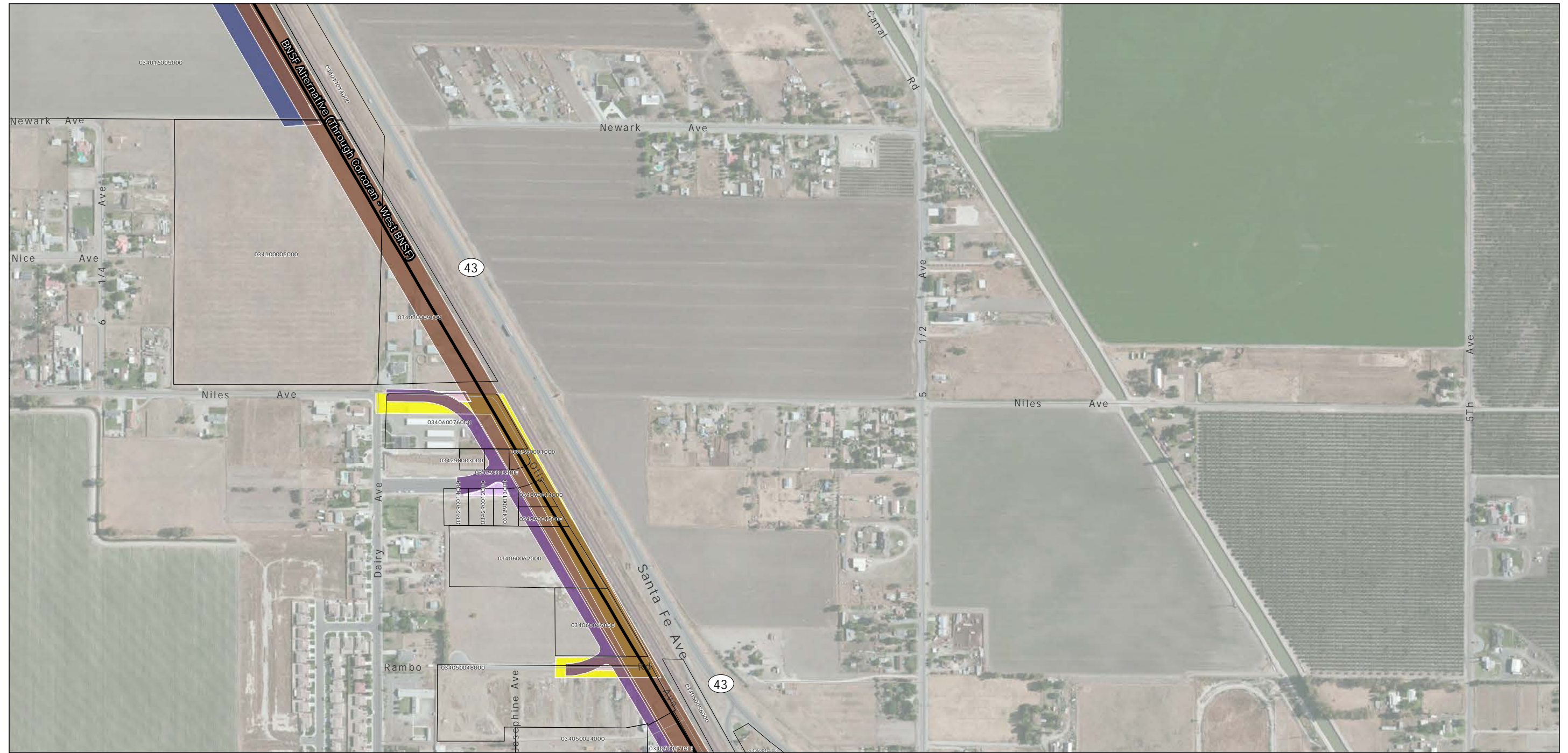
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March 19, 2014

Alternative alignments

- Alternative alignments
- Parcel (APN displayed)
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Project footprint by category type

Construction area

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Roadway

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Utilities

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Systems

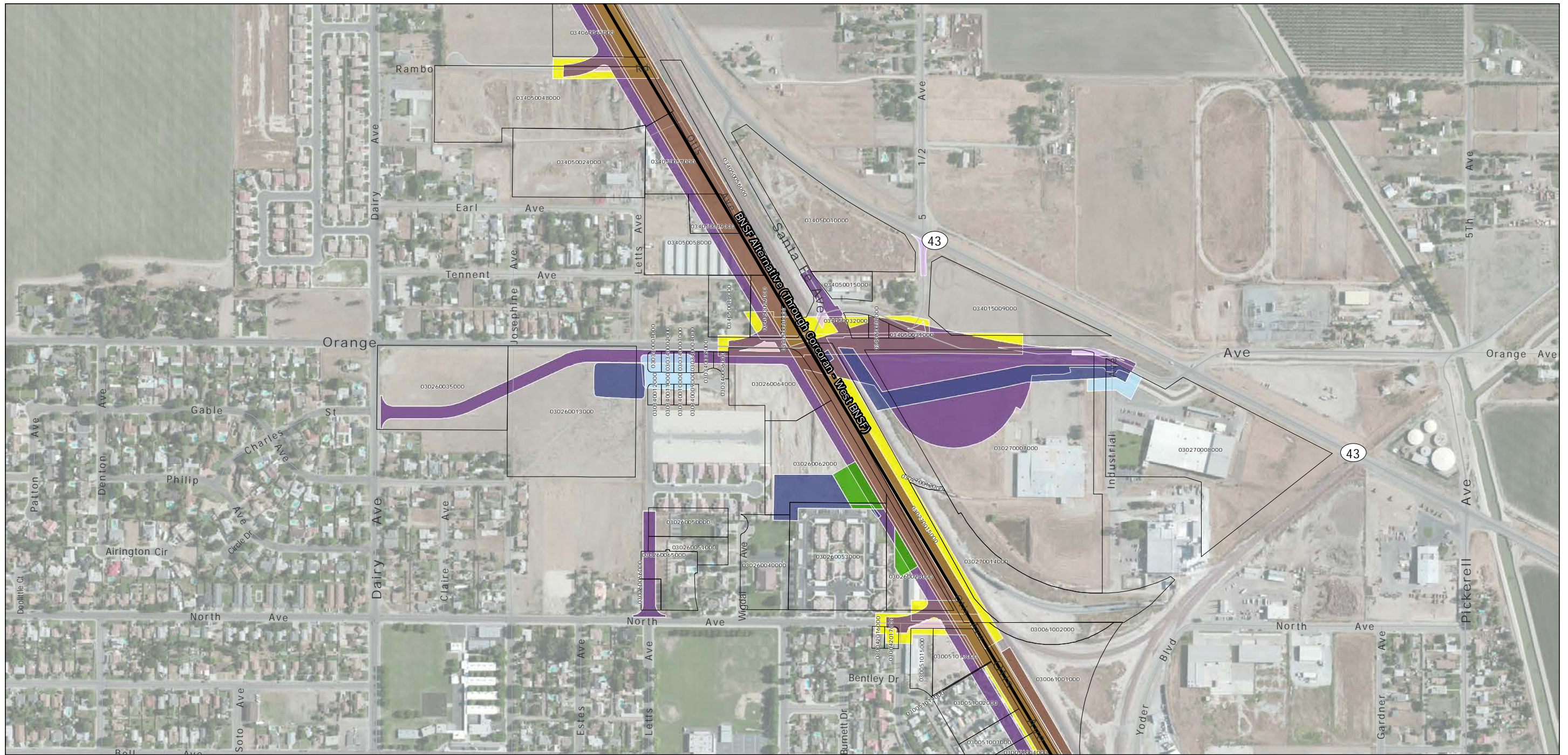
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Hydrology

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Track

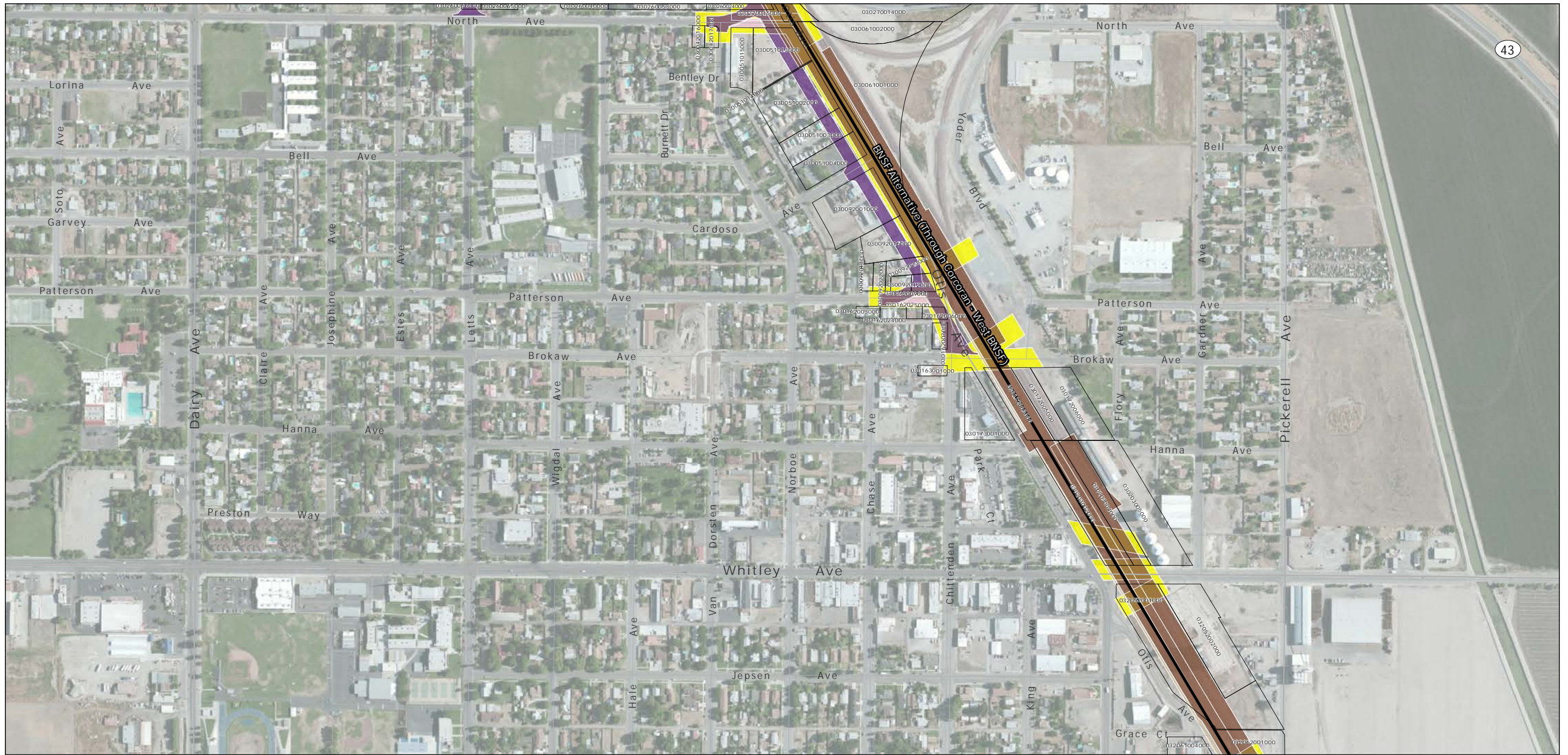
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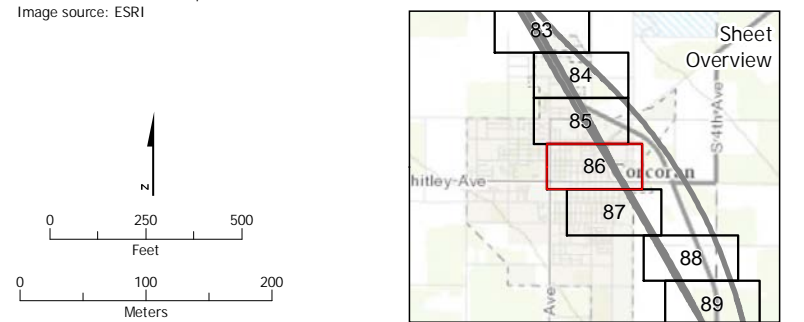
March 19, 2014

<ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station 	<p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: none"> Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) 	<p>Utilities</p> <ul style="list-style-type: none"> Temporary (Relocation of natural gas, petroleum, transmission, or water line) <p>Systems</p> <ul style="list-style-type: none"> Permanent (interlocking site, radio site, traction power facility) Temporary (construction easement) 	<p>Hydrology</p> <ul style="list-style-type: none"> Permanent (canal relocation, drainage basin) Temporary (construction easement) <p>Track</p> <ul style="list-style-type: none"> Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure) Temporary (construction easement)
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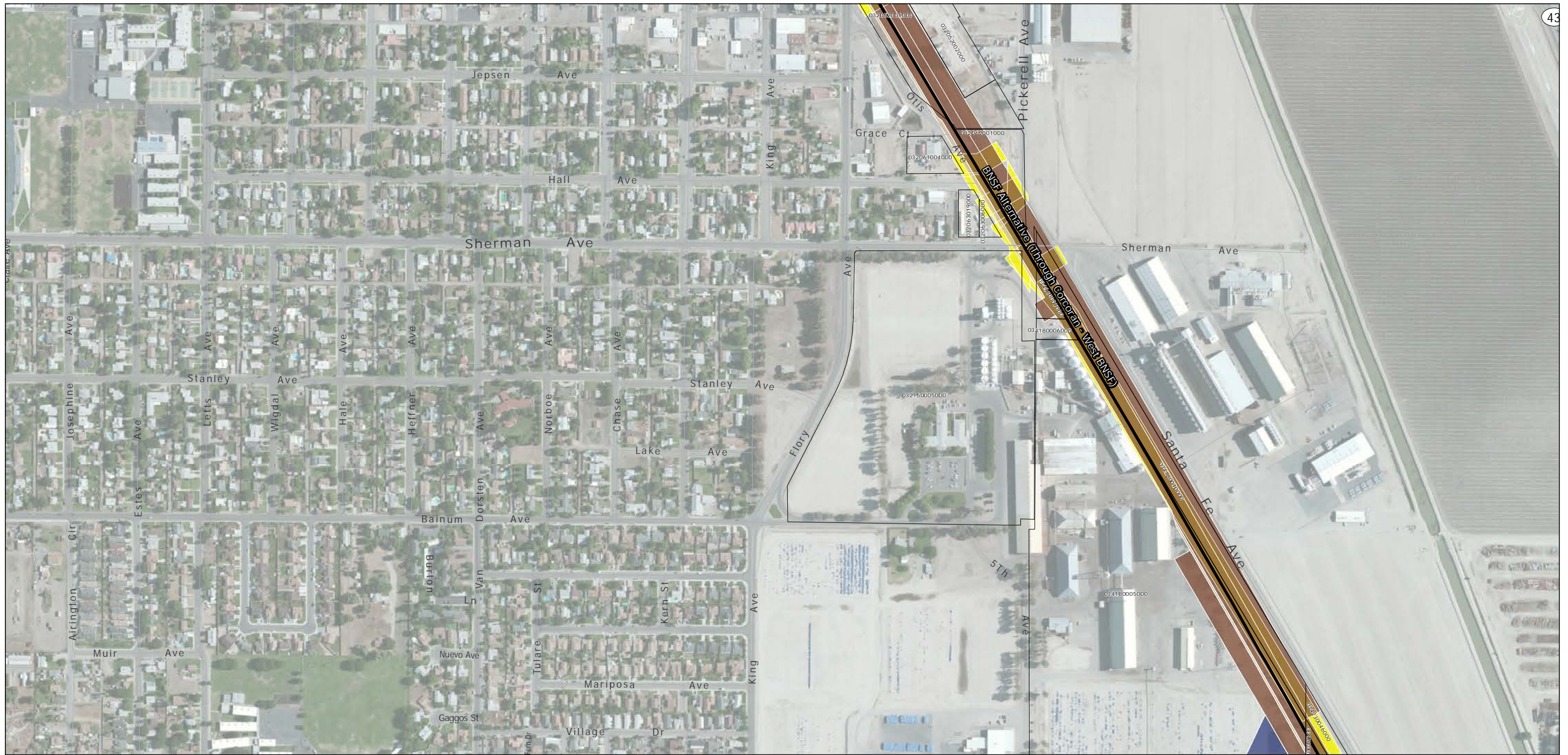


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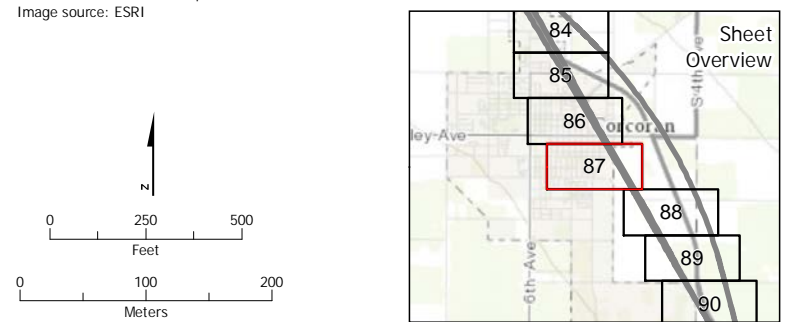


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
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 - Roadway**
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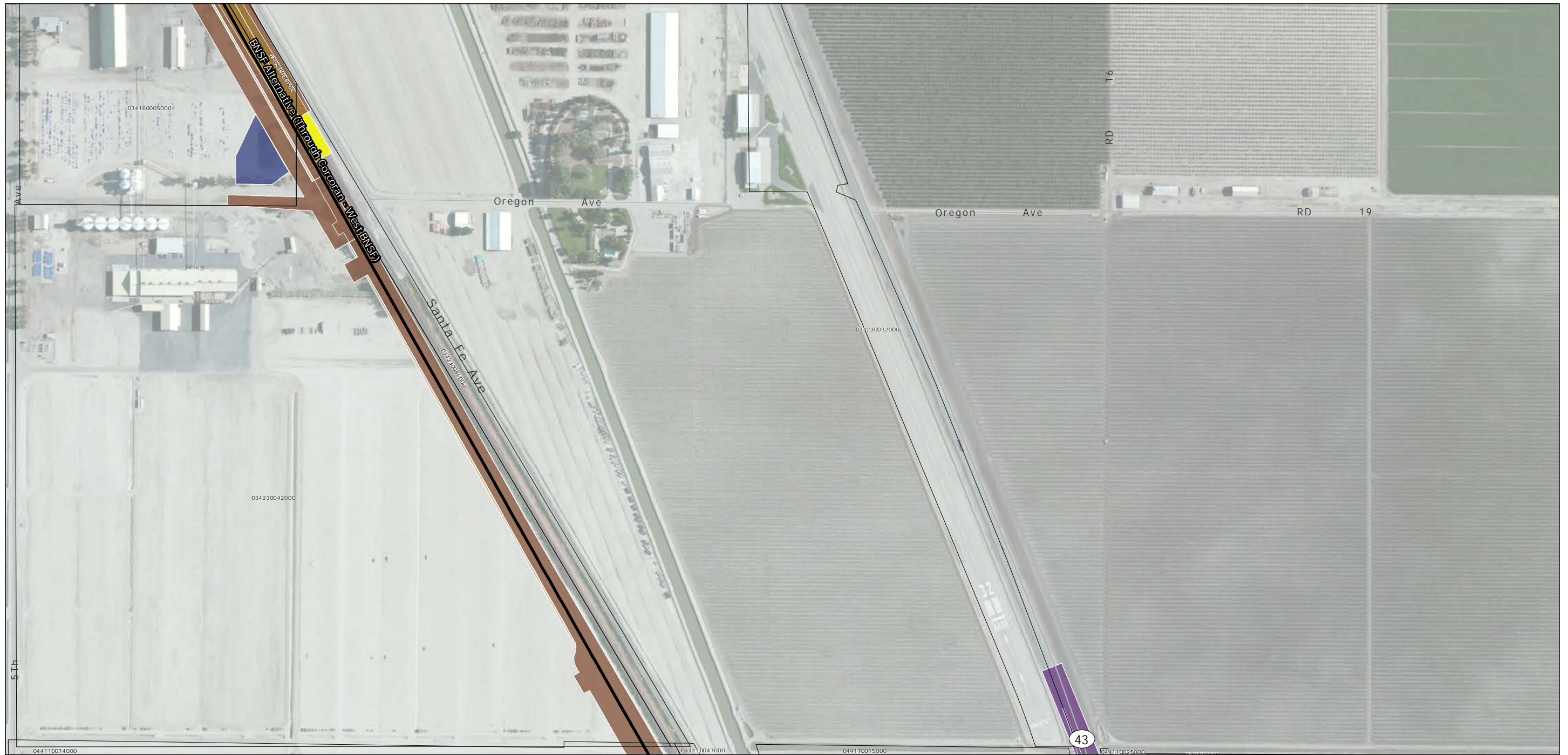


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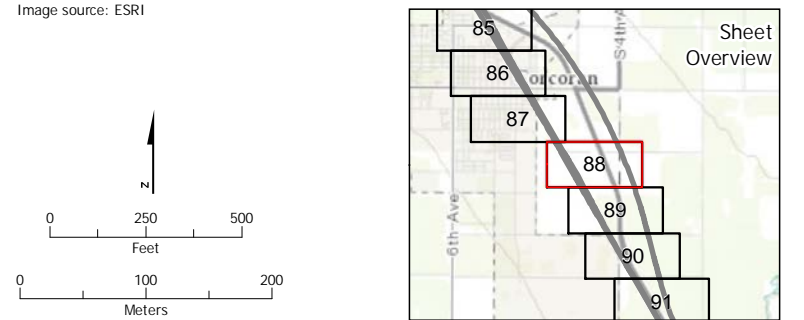


- Alternative alignments
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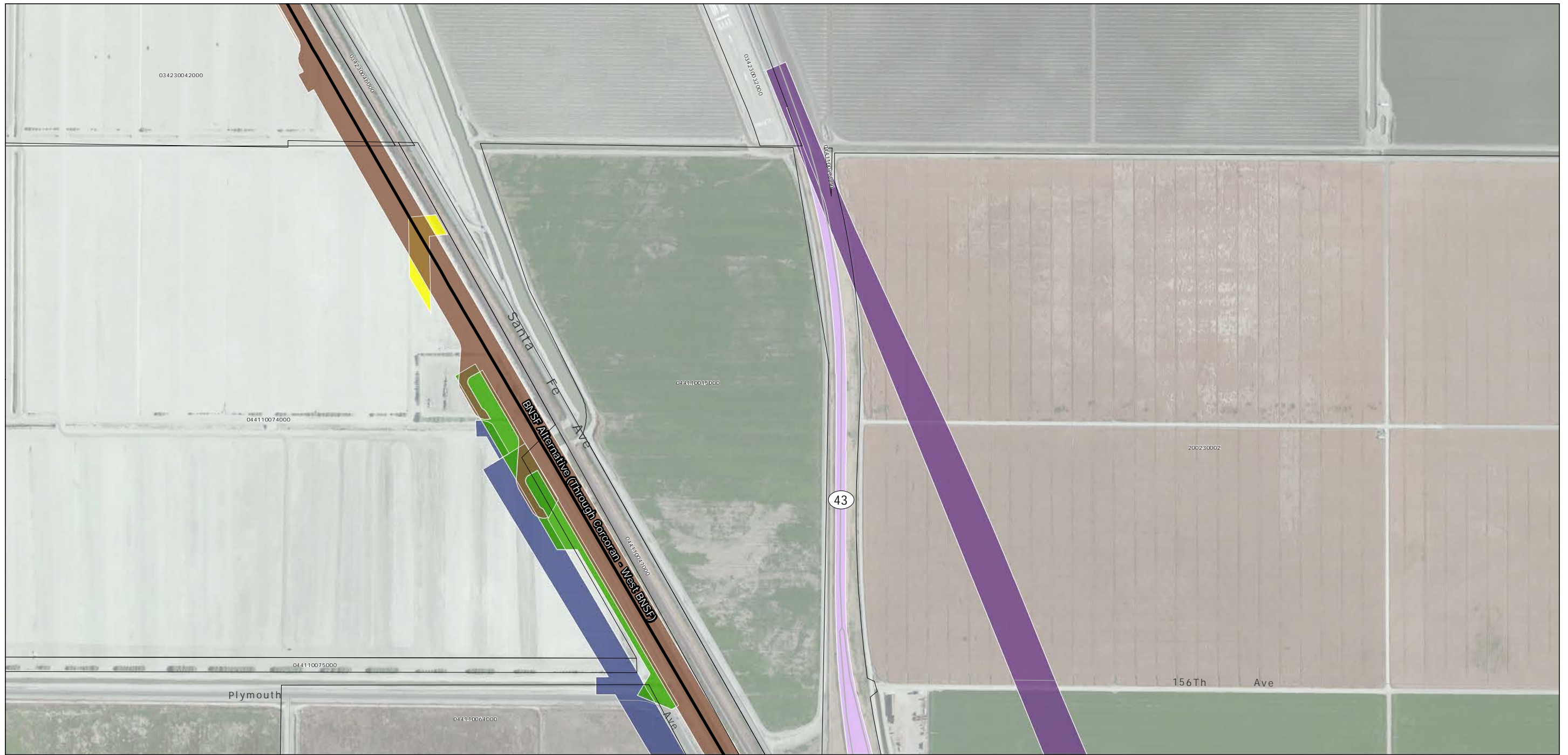


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|---|---|--|--|
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Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

Legend

- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

Project footprint by category type

Construction area

- Temporary

Roadway

- Permanent (underpass/overpass, access road)
- Temporary (remove base and surfacing, construction easement)

Utilities

- Temporary (Relocation of natural gas, petroleum, transmission, or water line)

Systems

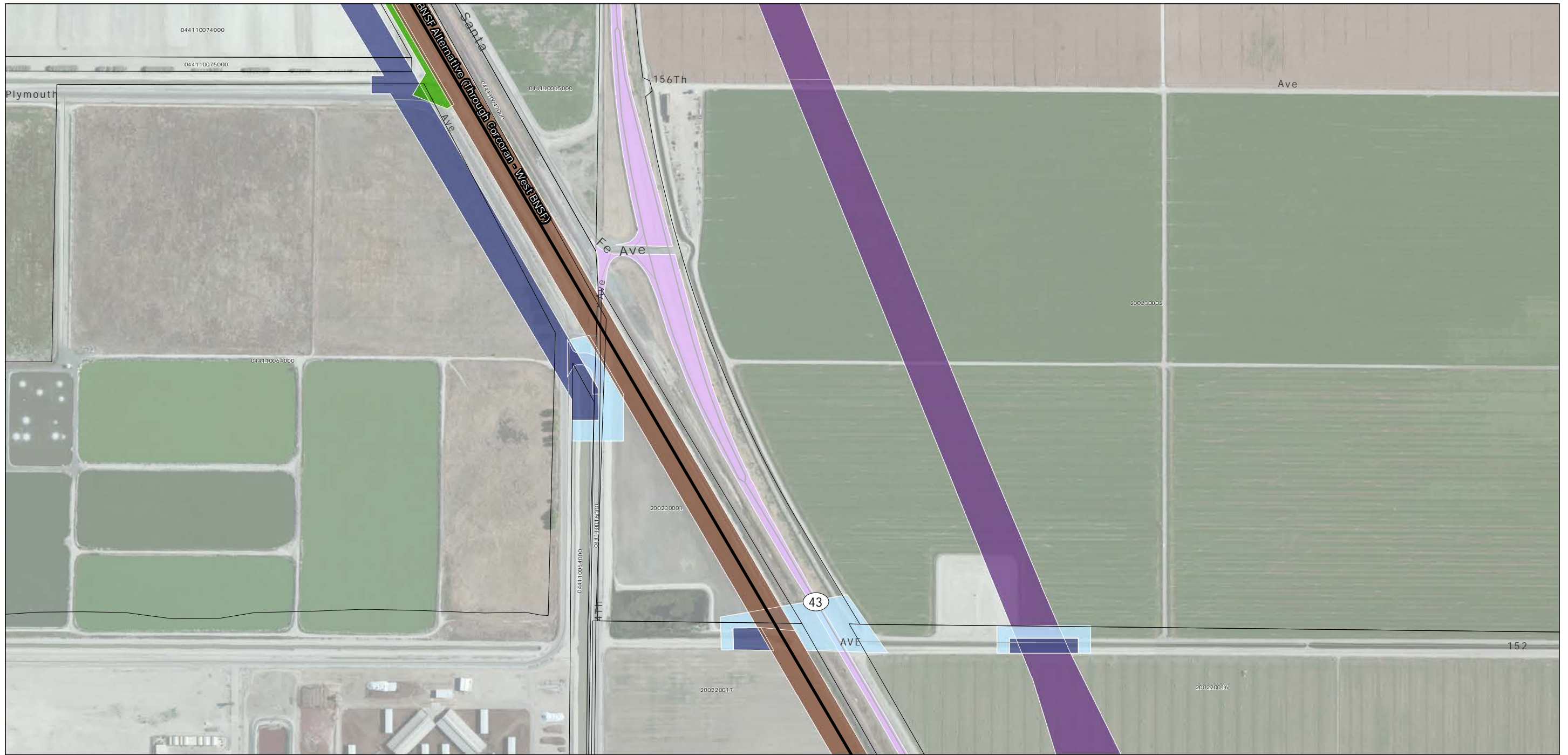
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Hydrology

- Permanent (canal relocation, drainage basin)
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Track

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Alternative alignments

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- Parcel (APN displayed)
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Project footprint by category type

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