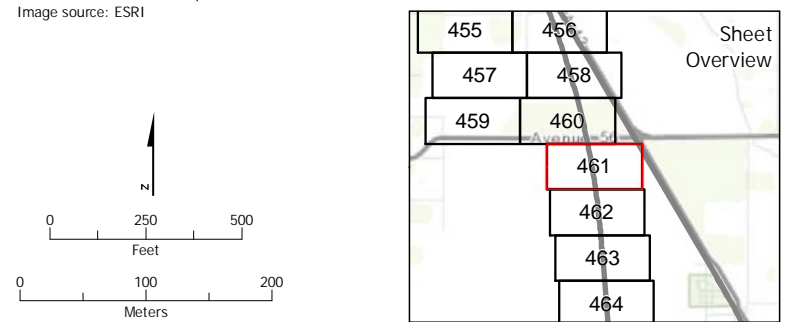
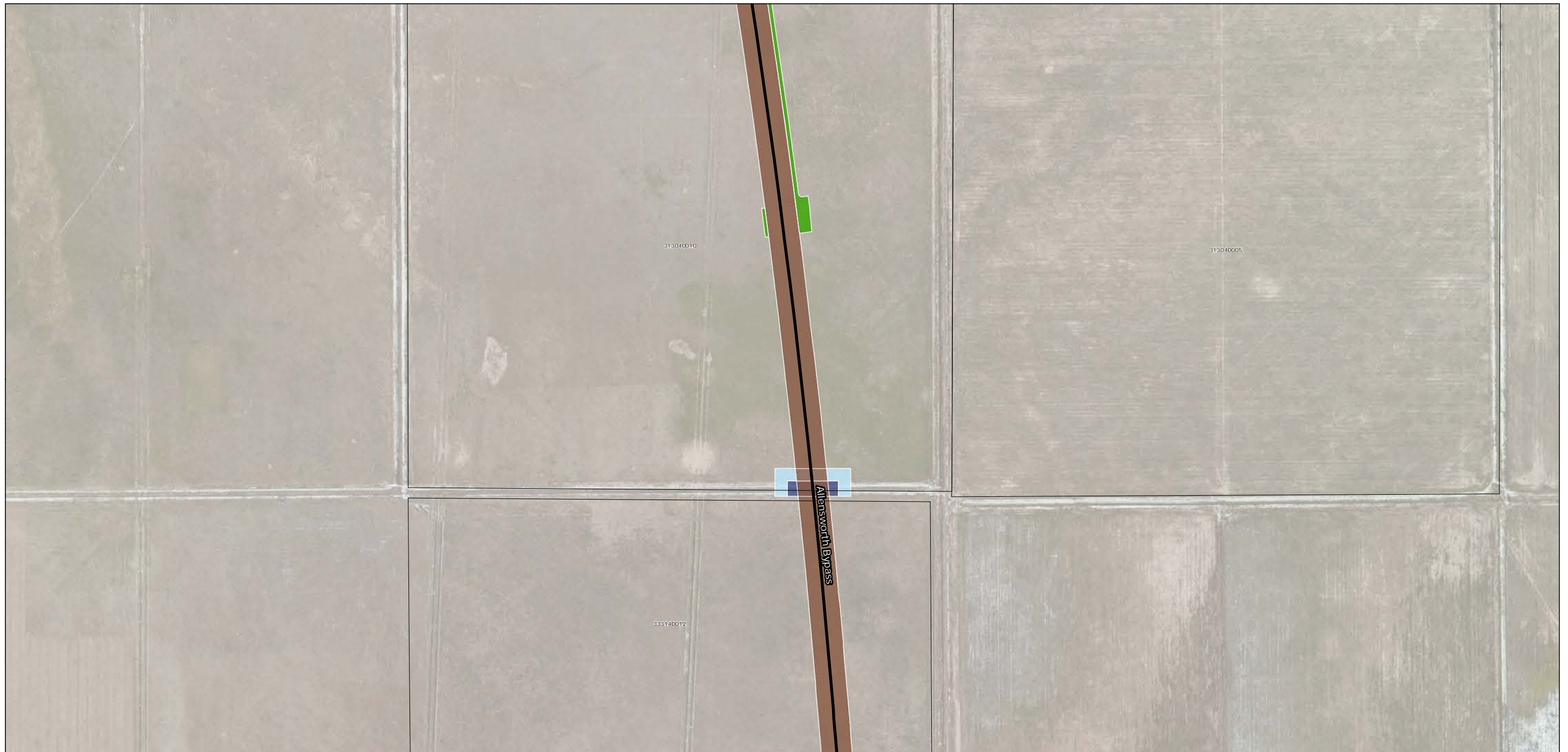


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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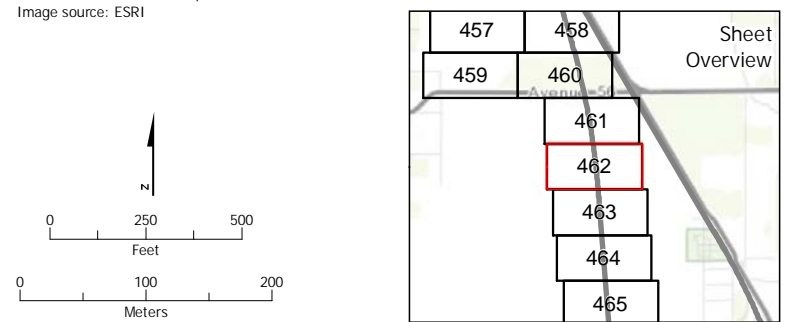


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <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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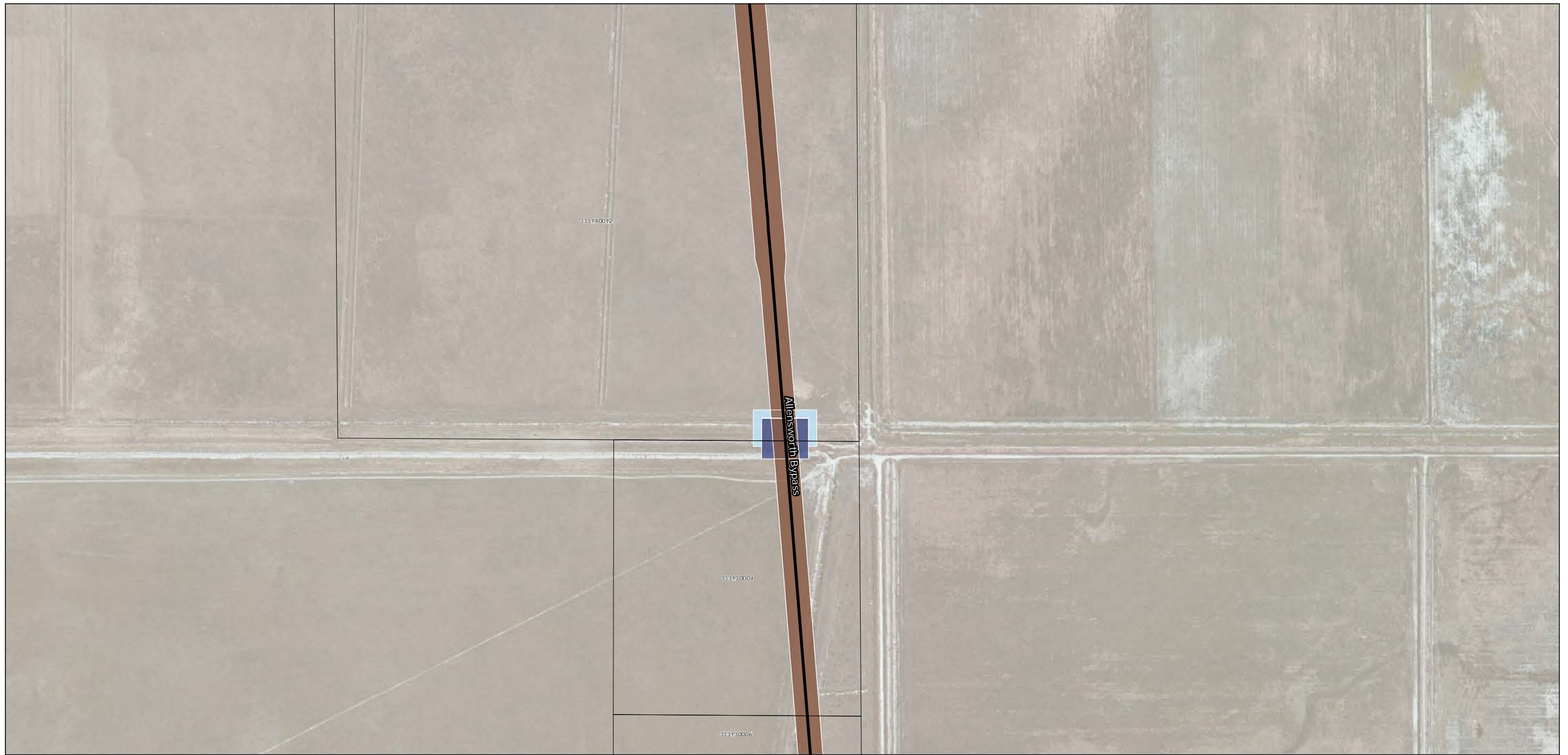


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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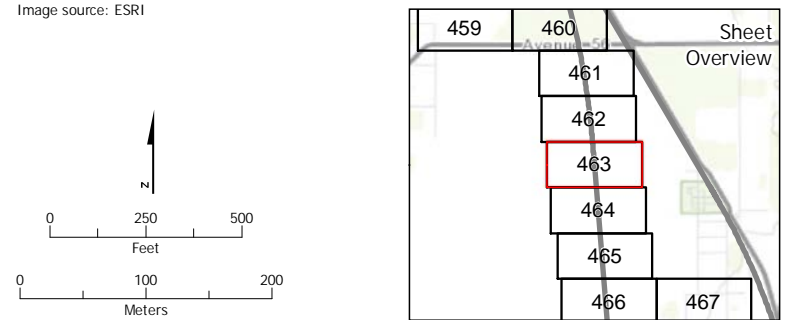


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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March 19, 2014

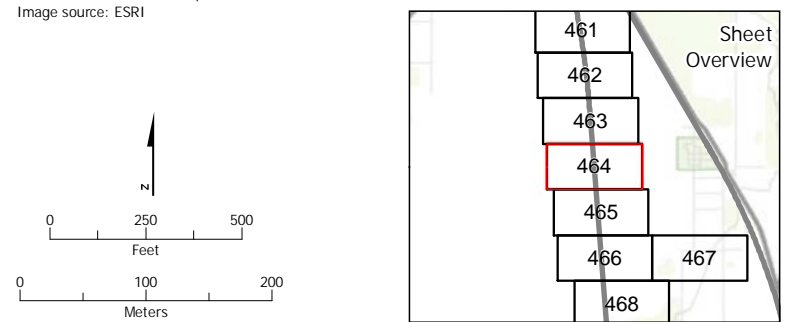


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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
 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)

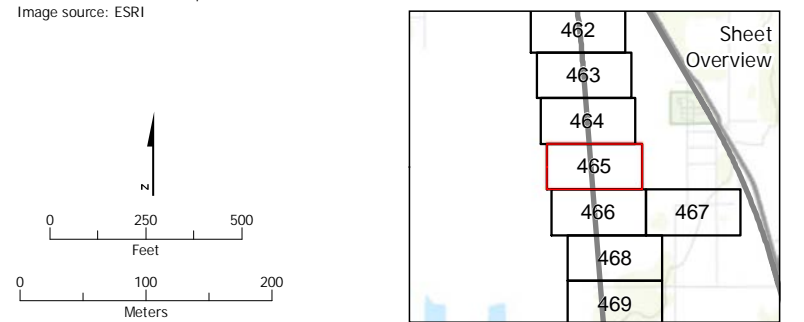
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
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- Hydrology**
- Permanent (canal relocation, drainage basin)
 - Temporary (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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 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)

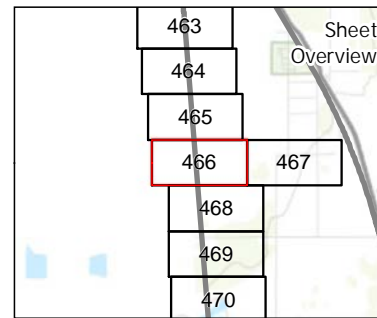
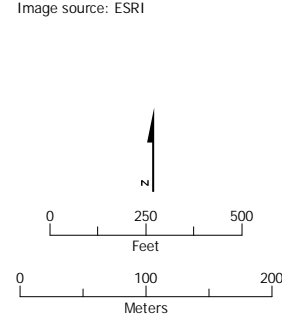
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
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 - Temporary (construction easement)
- Track**
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)

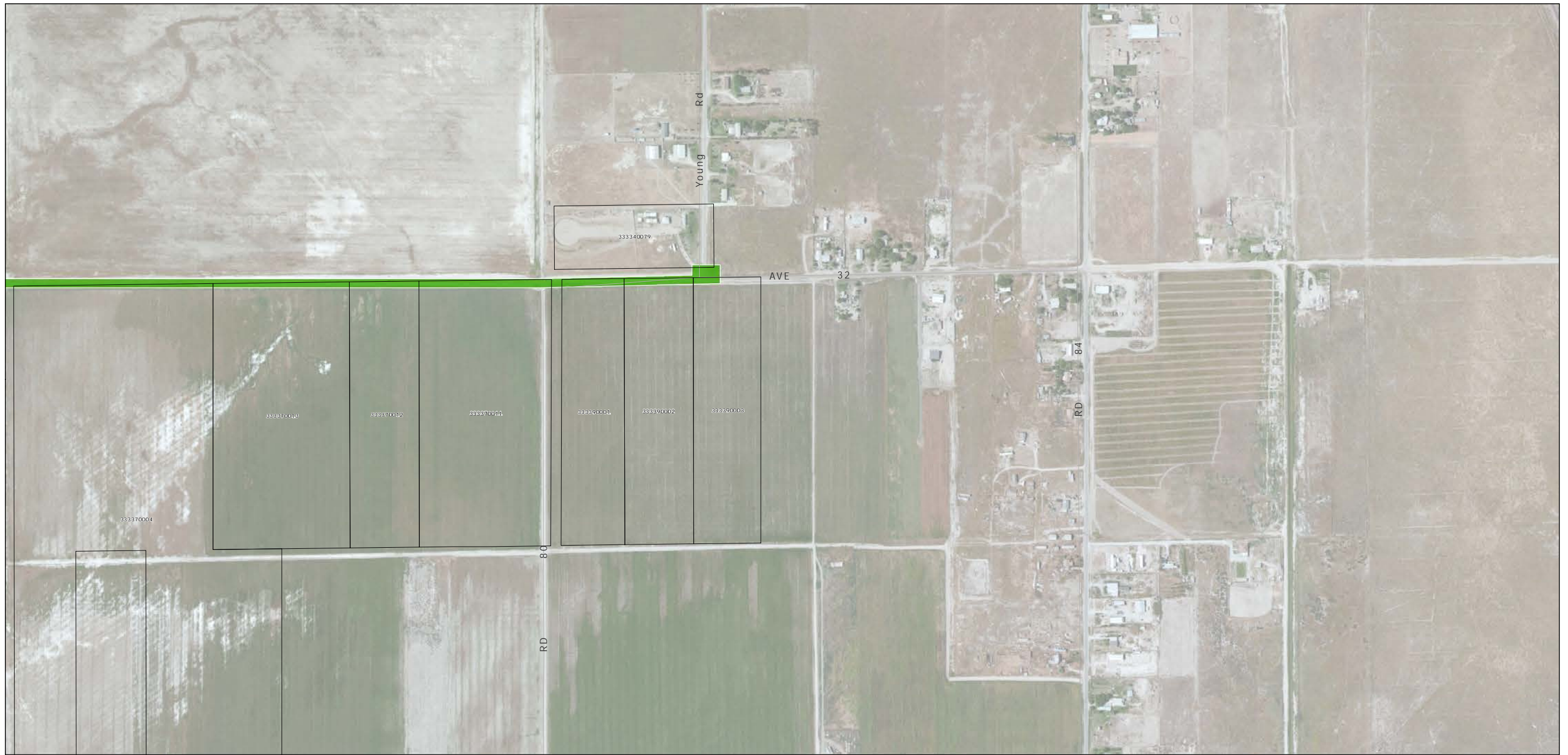


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March 19, 2014

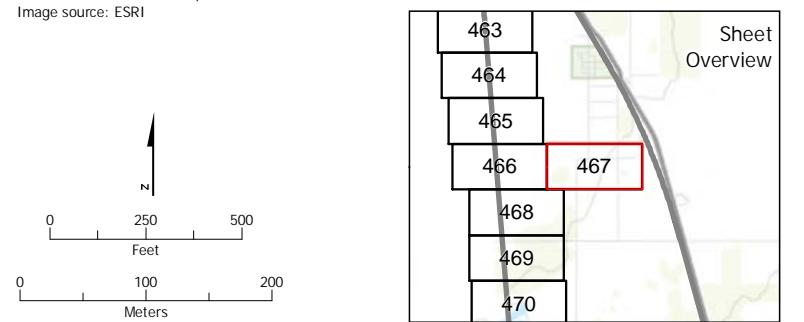


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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) |
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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**
- 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)

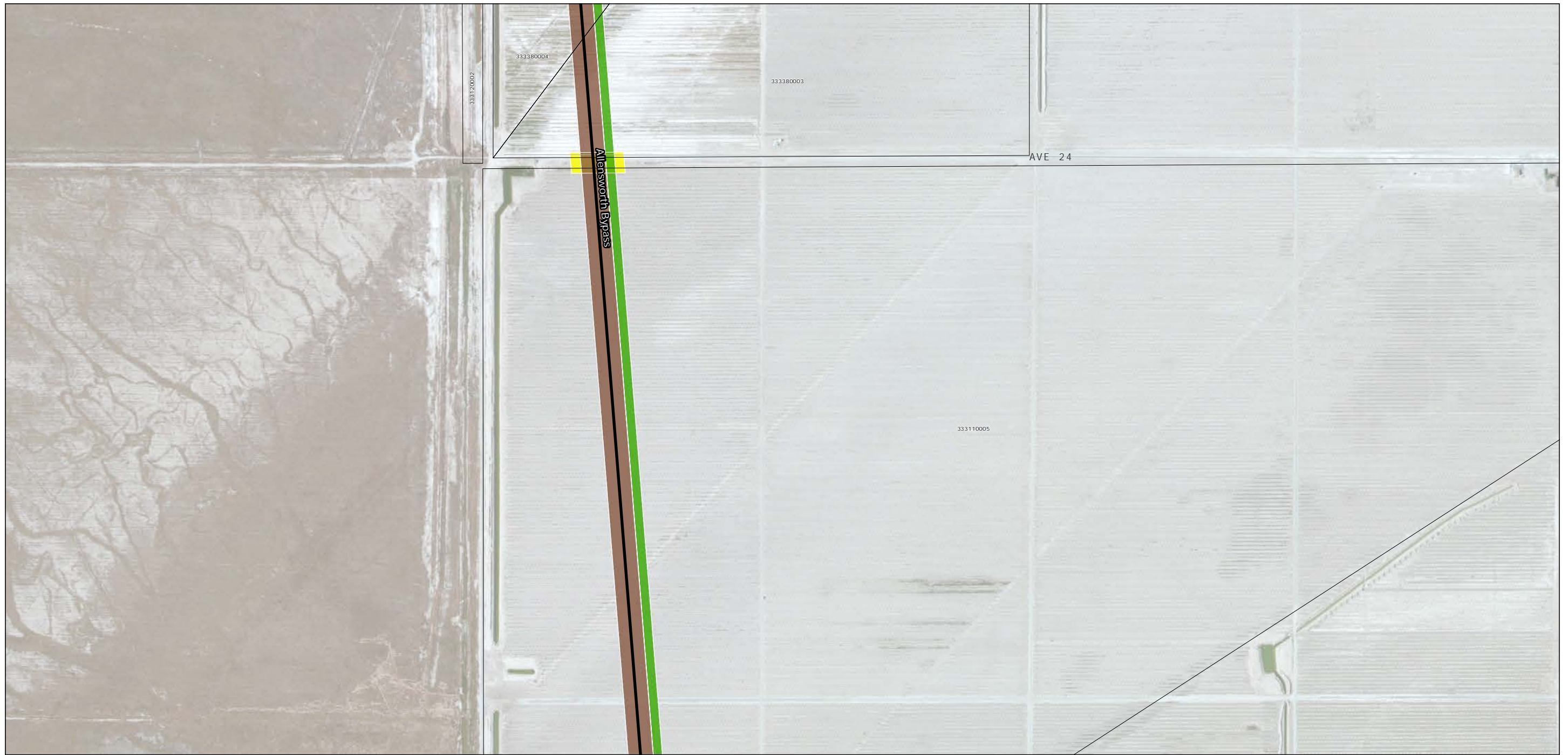


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March 19, 2014

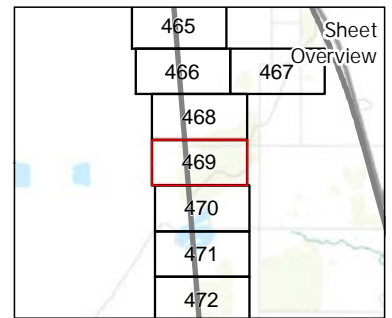
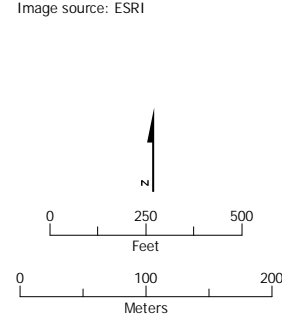


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area
 - Temporary
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 - Permanent (underpass/overpass, access road)
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-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

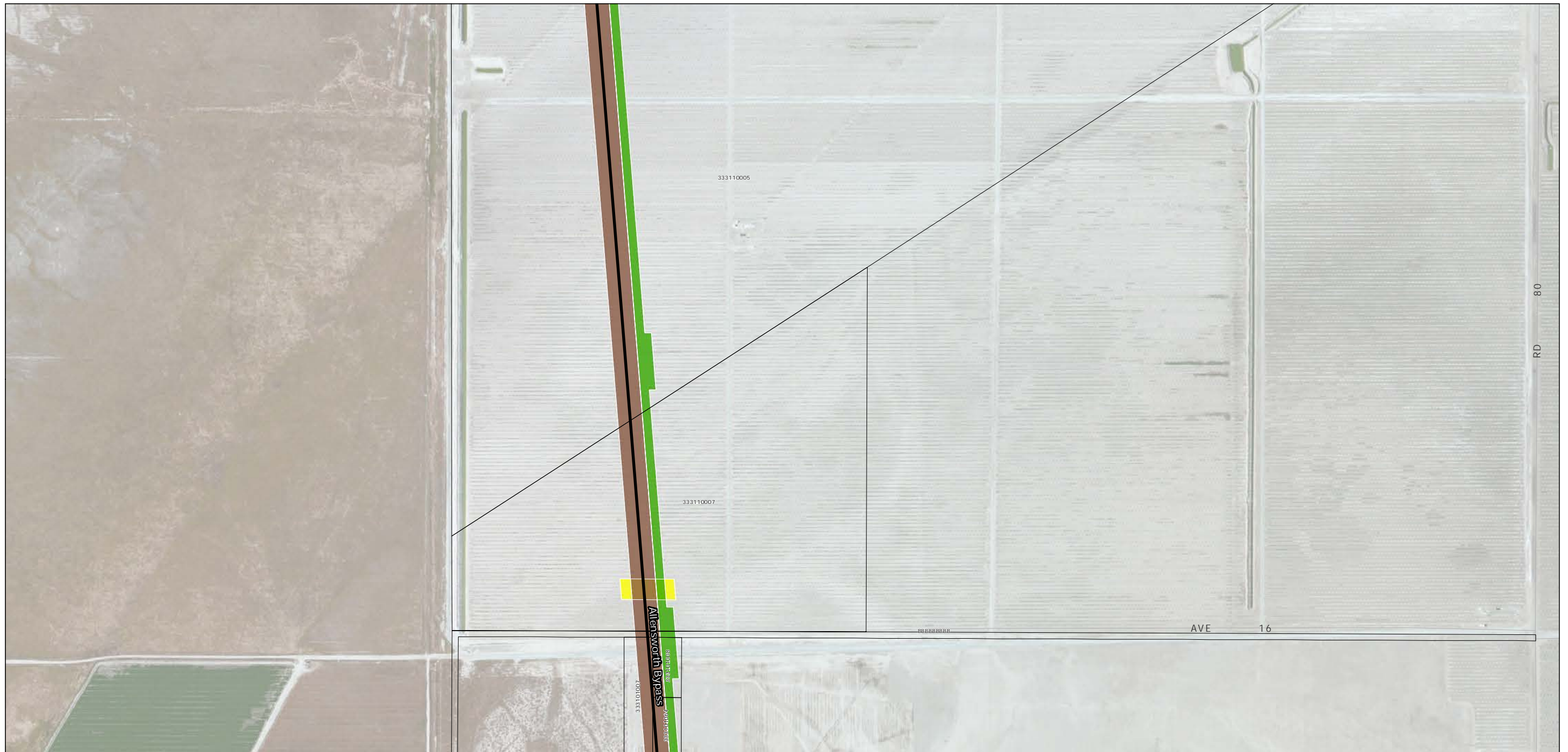


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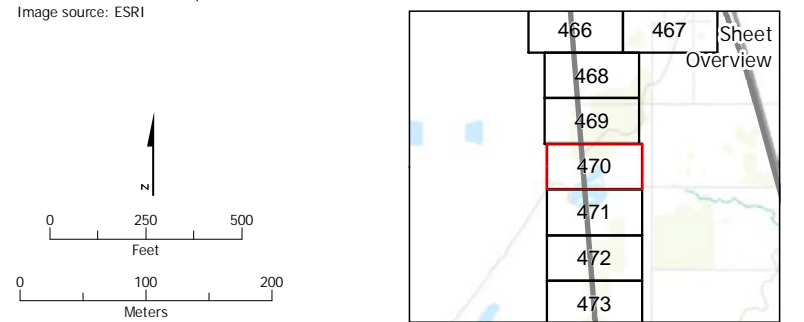


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
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 - Roadway**
 - Permanent (underpass/overpass, access road)
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Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

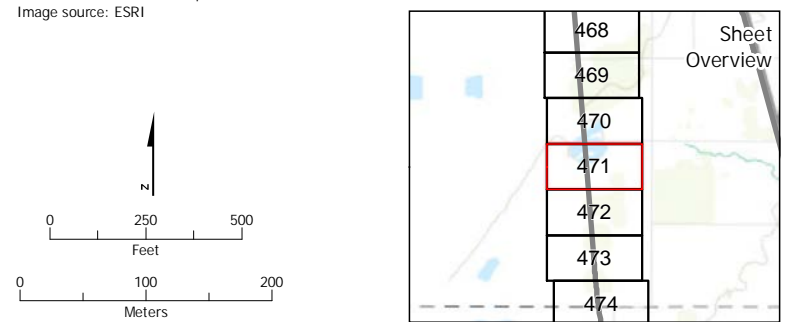


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
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 - Temporary (construction easement)
- Track**
- Permanent (access road, freight rail relocation,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

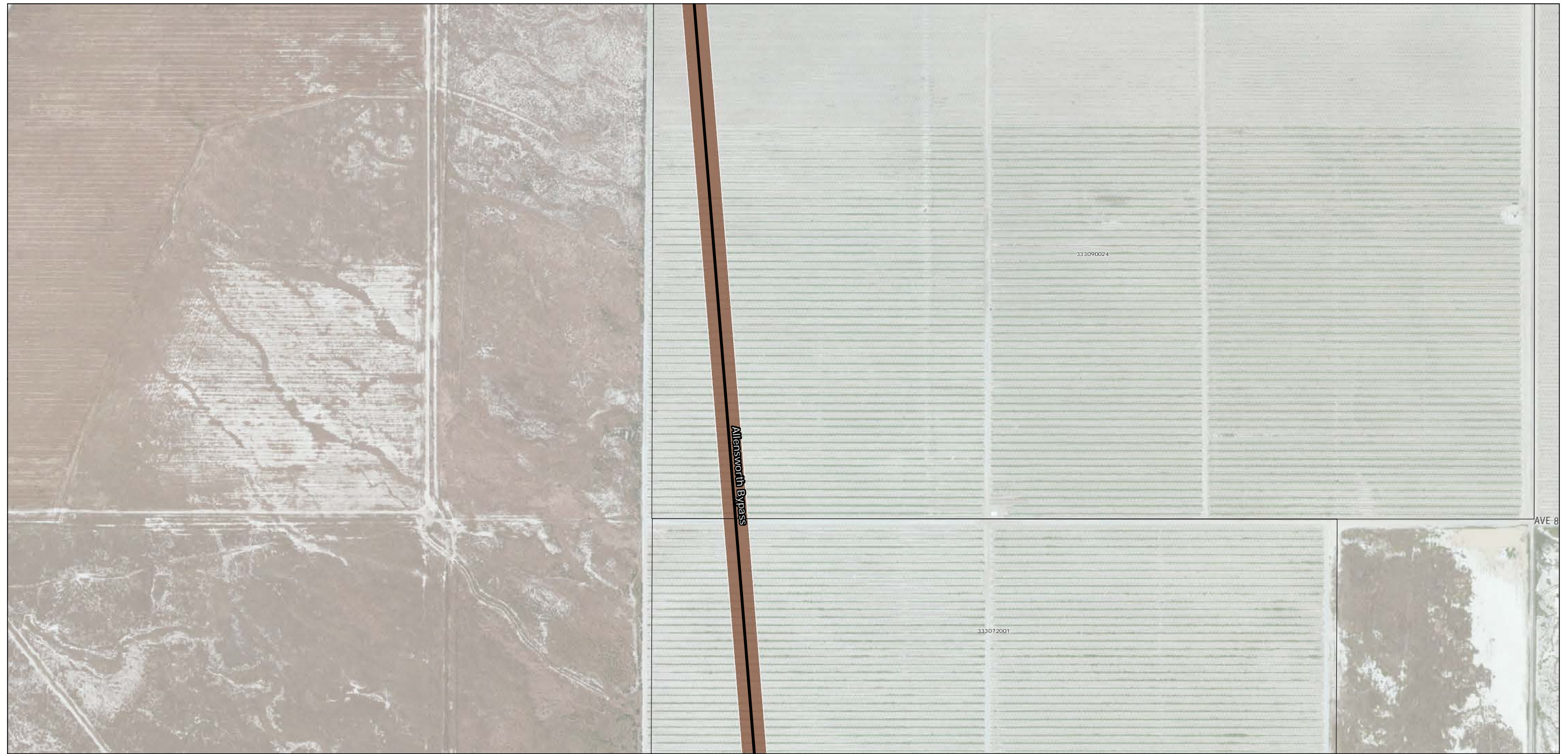


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March 19, 2014

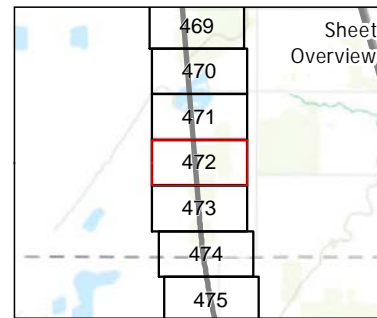
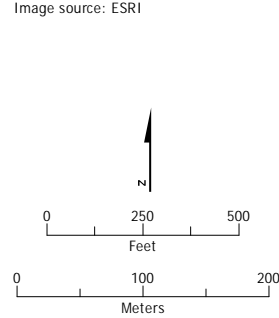


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**
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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)

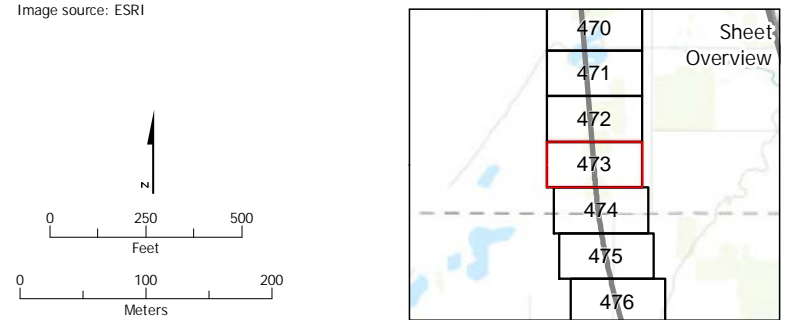
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- 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
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March 19, 2014

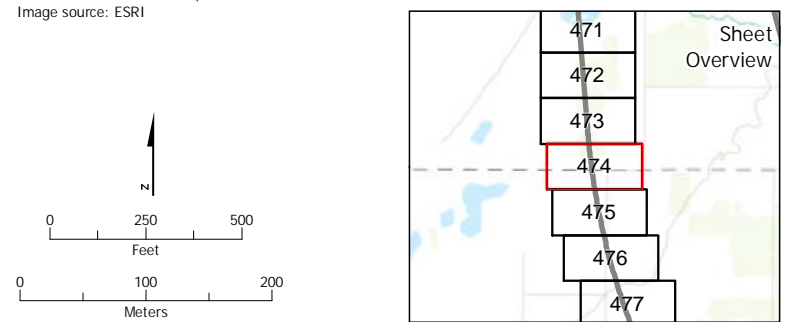


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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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)
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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

March 19, 2014

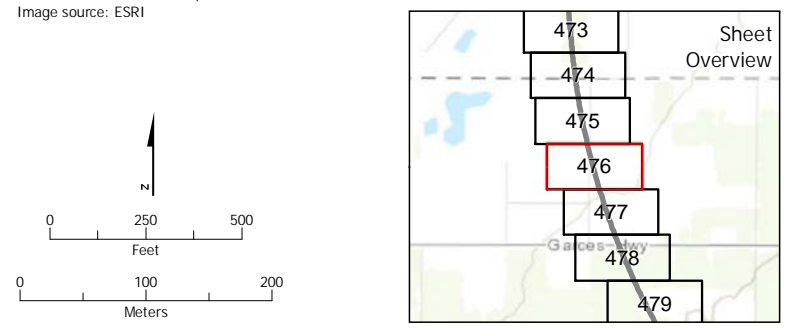


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <ul style="list-style-type: none"> Construction area Temporary Roadway Permanent (underpass/overpass,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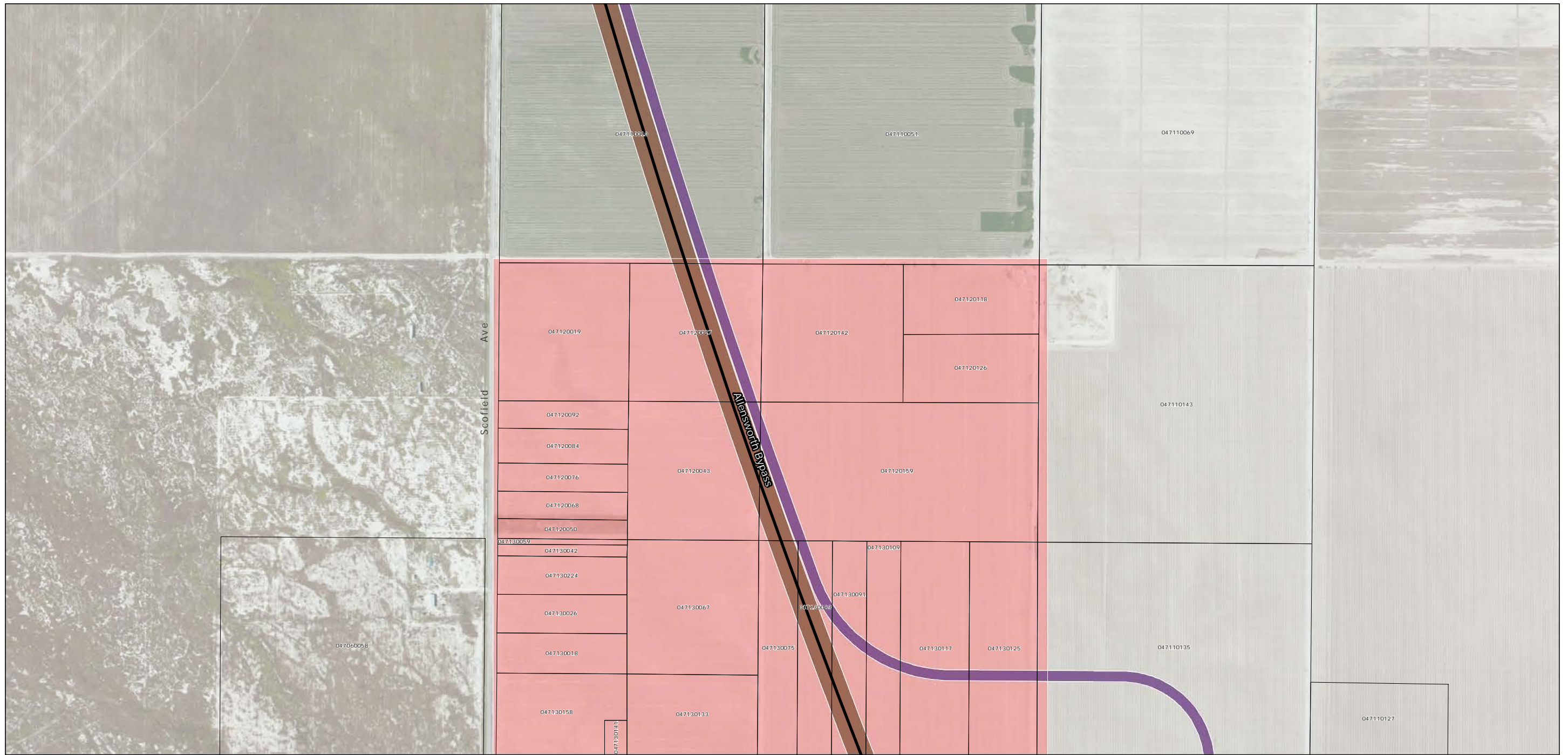


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 Image source: ESRI

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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

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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

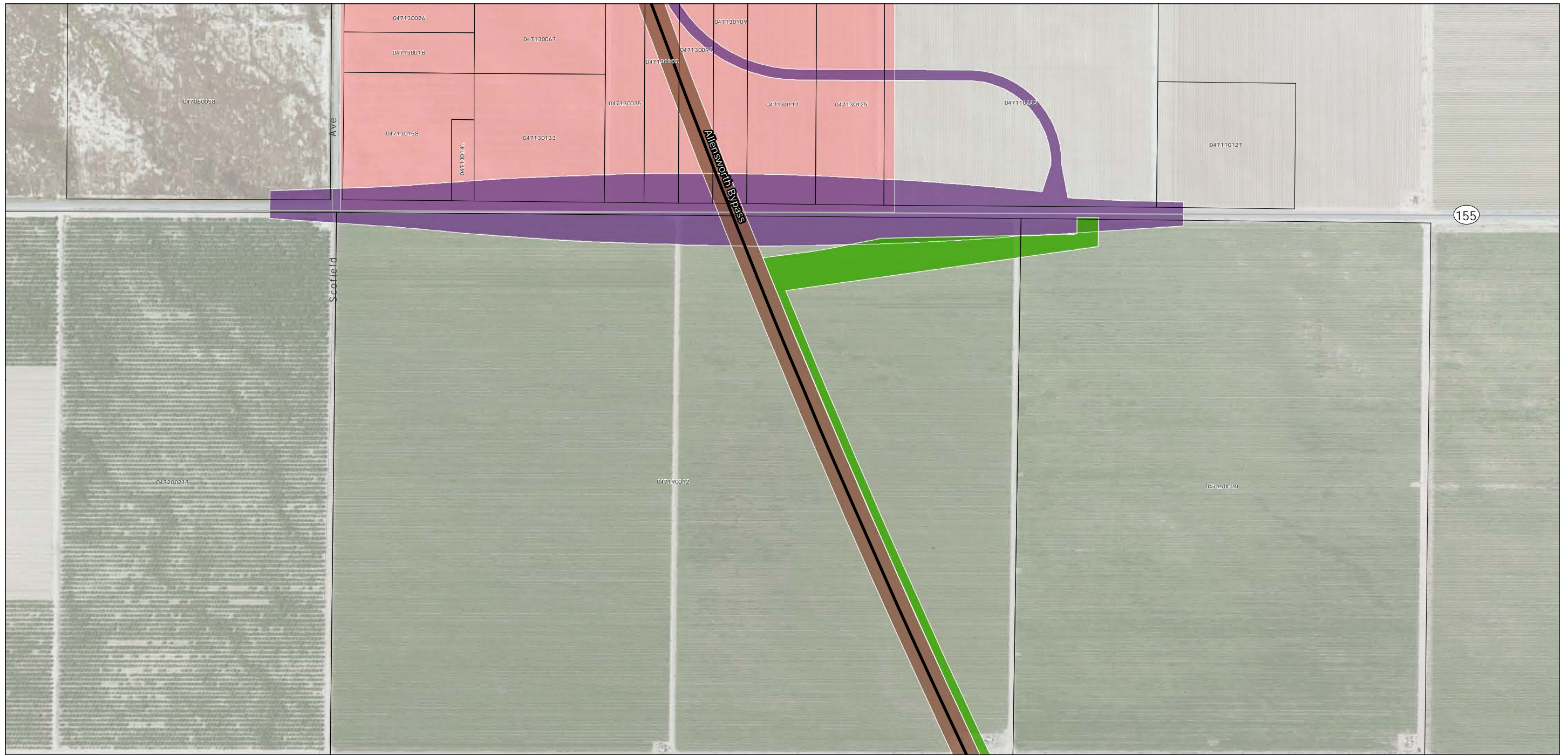
- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

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

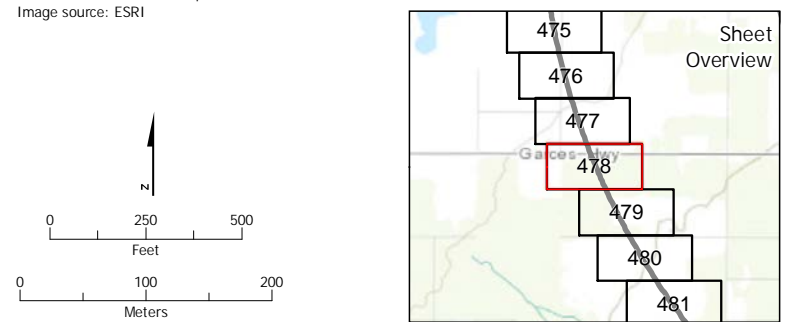
Track

- 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

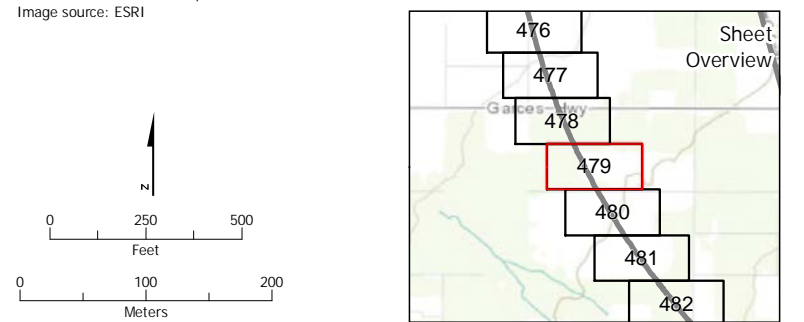


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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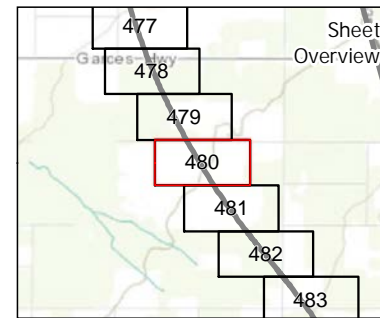
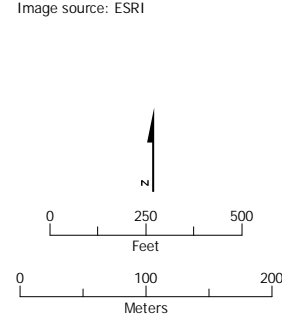


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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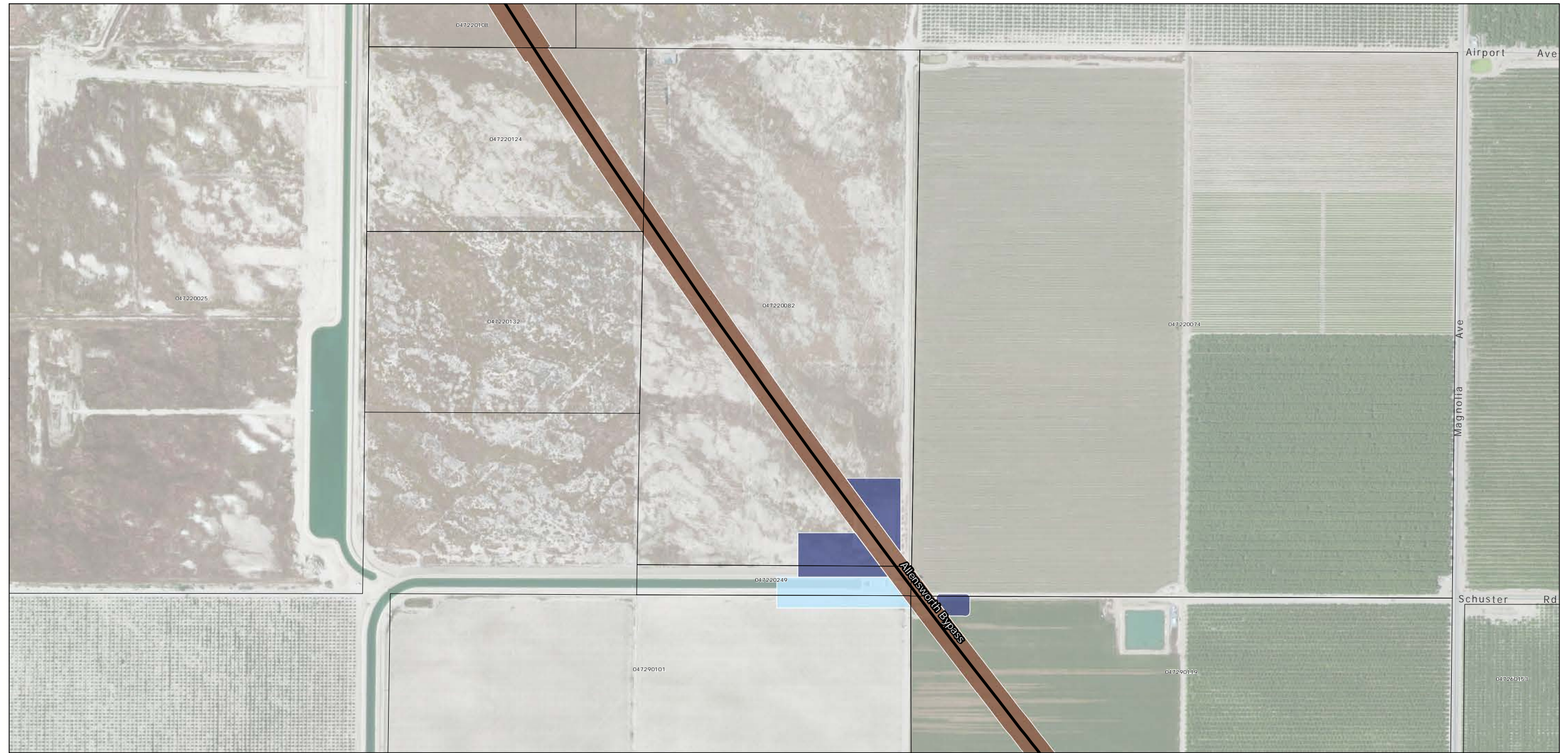


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

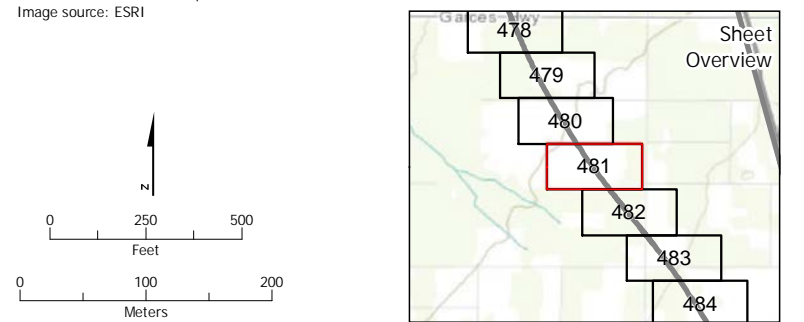


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <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

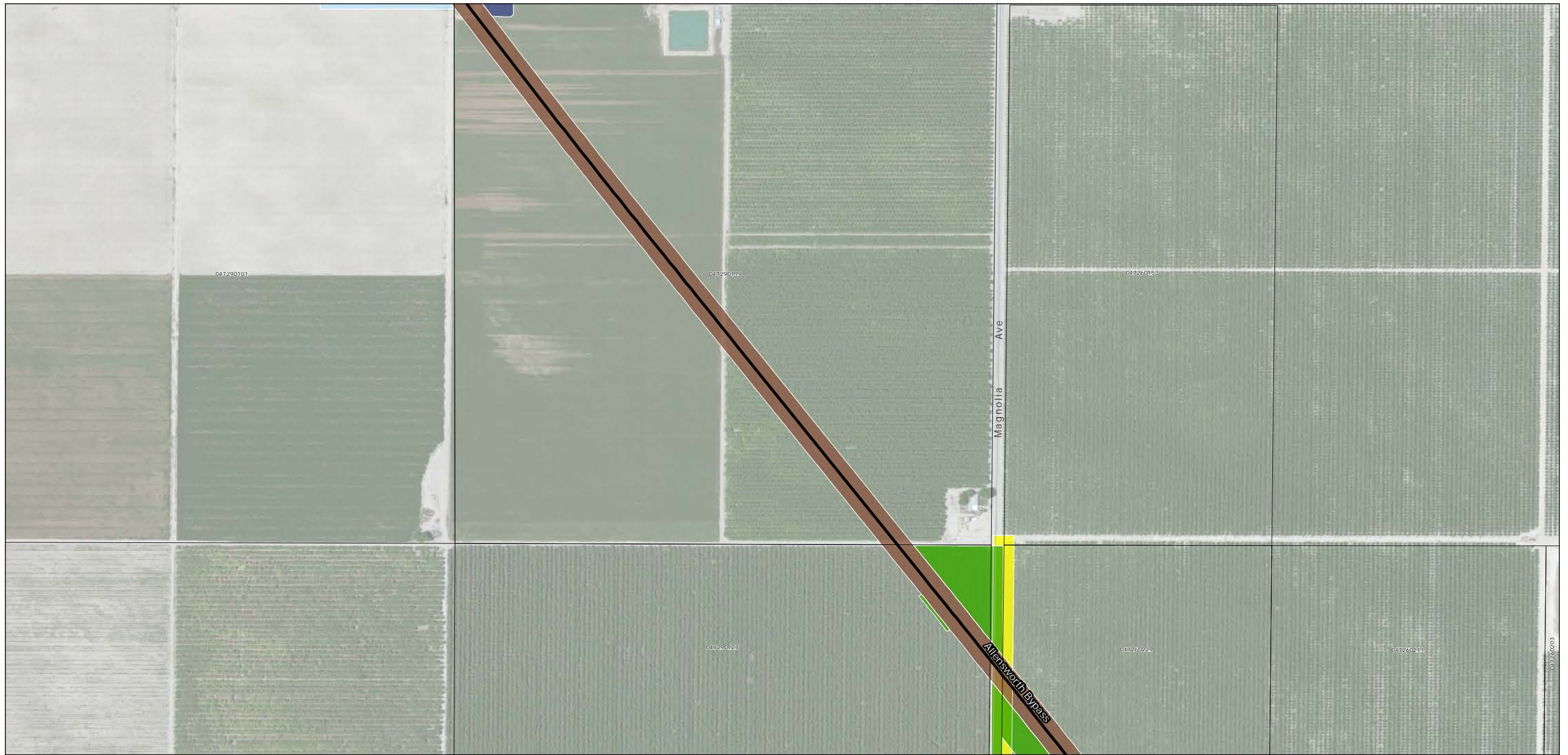


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

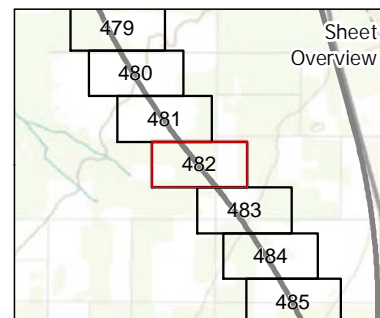
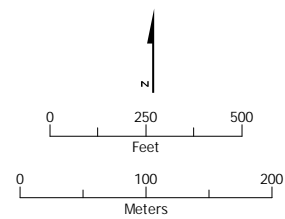
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- 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

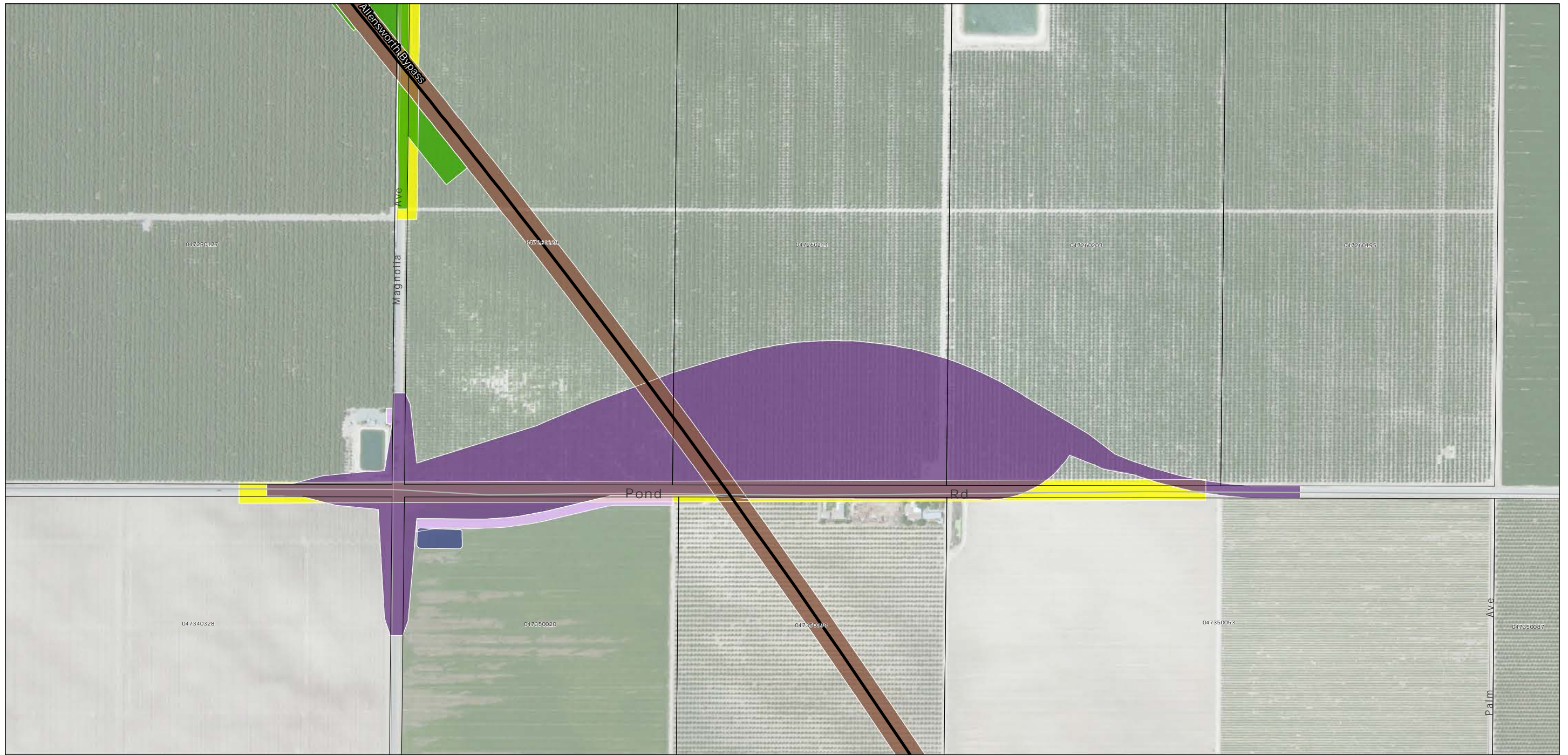


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

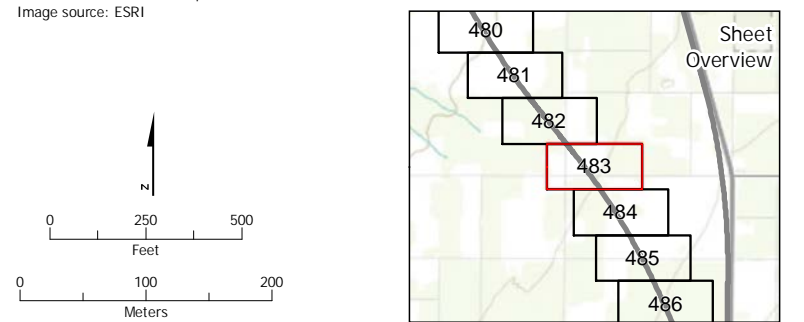
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

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

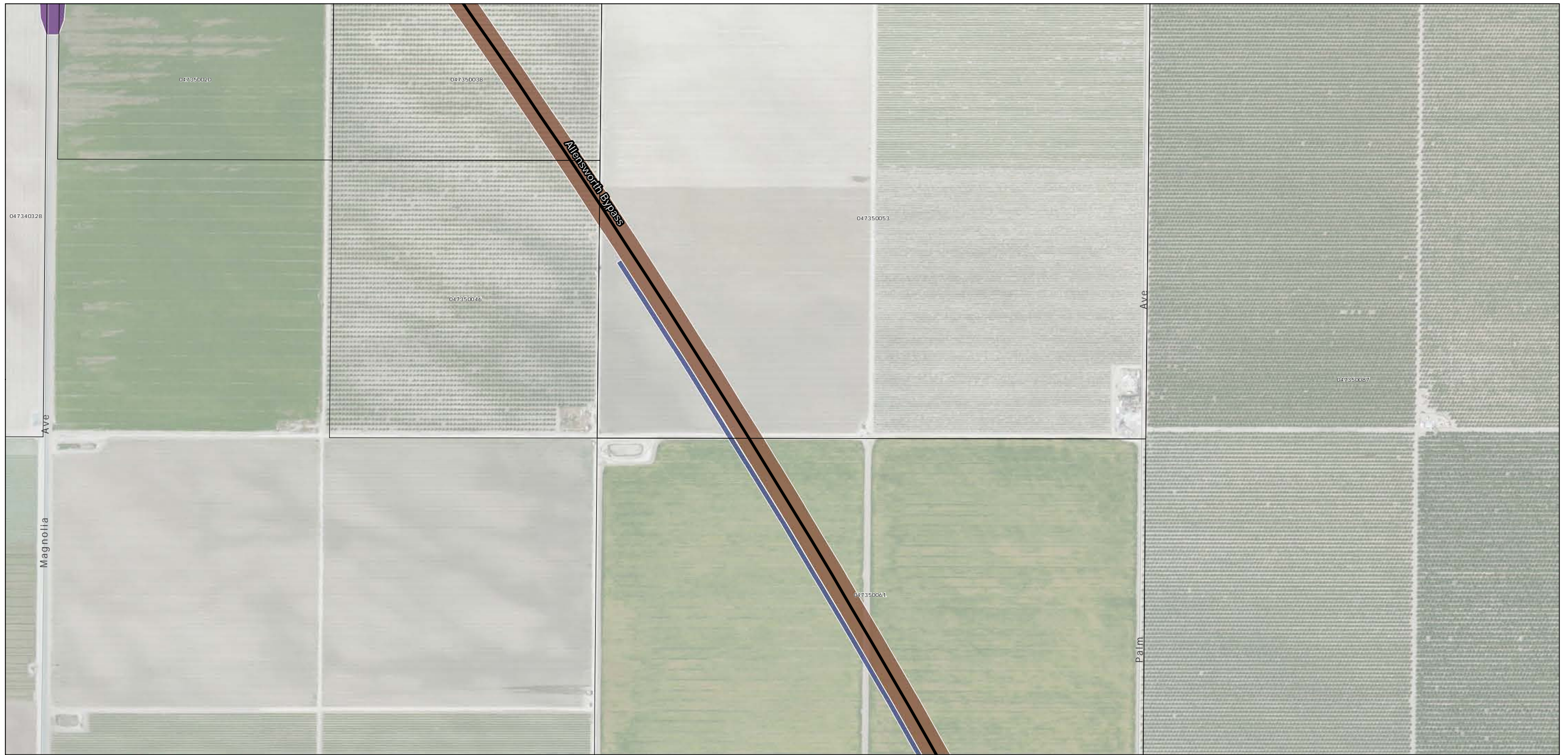


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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

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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)

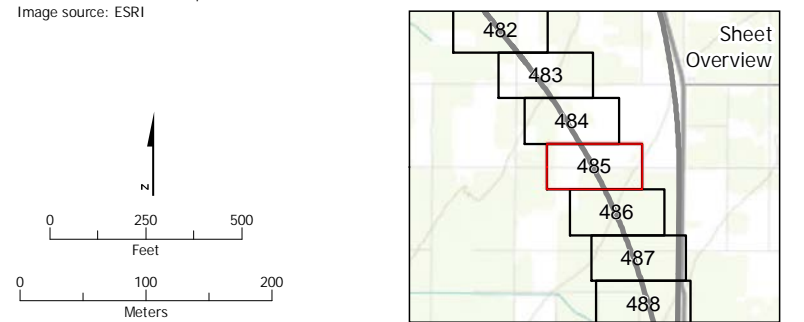
Track

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

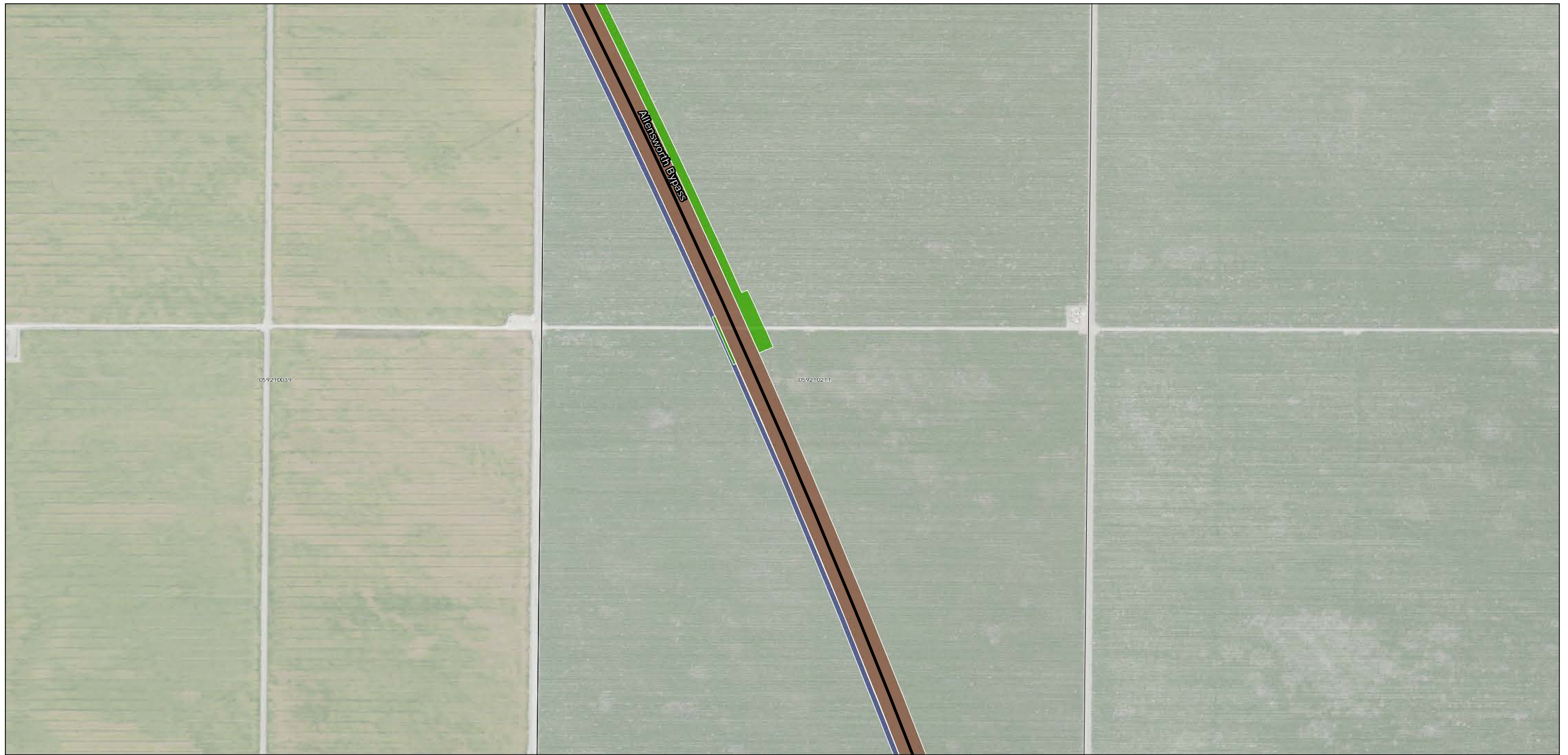


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March 19, 2014

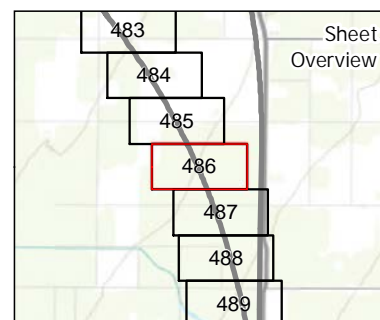
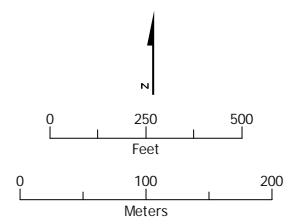


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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
 Image source: ESRI

March 19, 2014

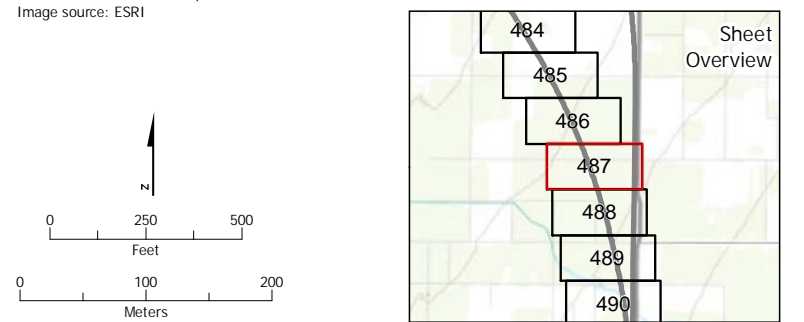


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <ul style="list-style-type: none"> Construction area Temporary Roadway Permanent (underpass/overpass,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

March 19, 2014

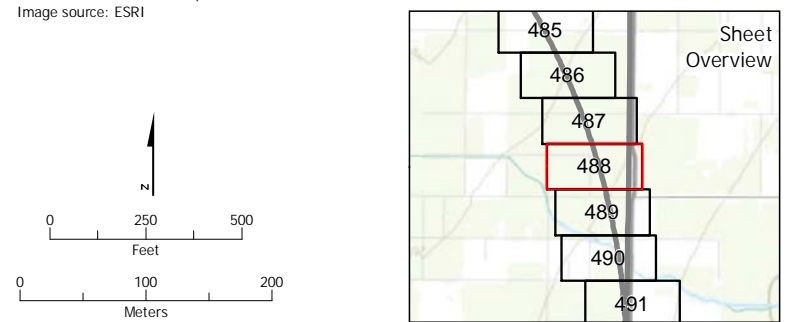


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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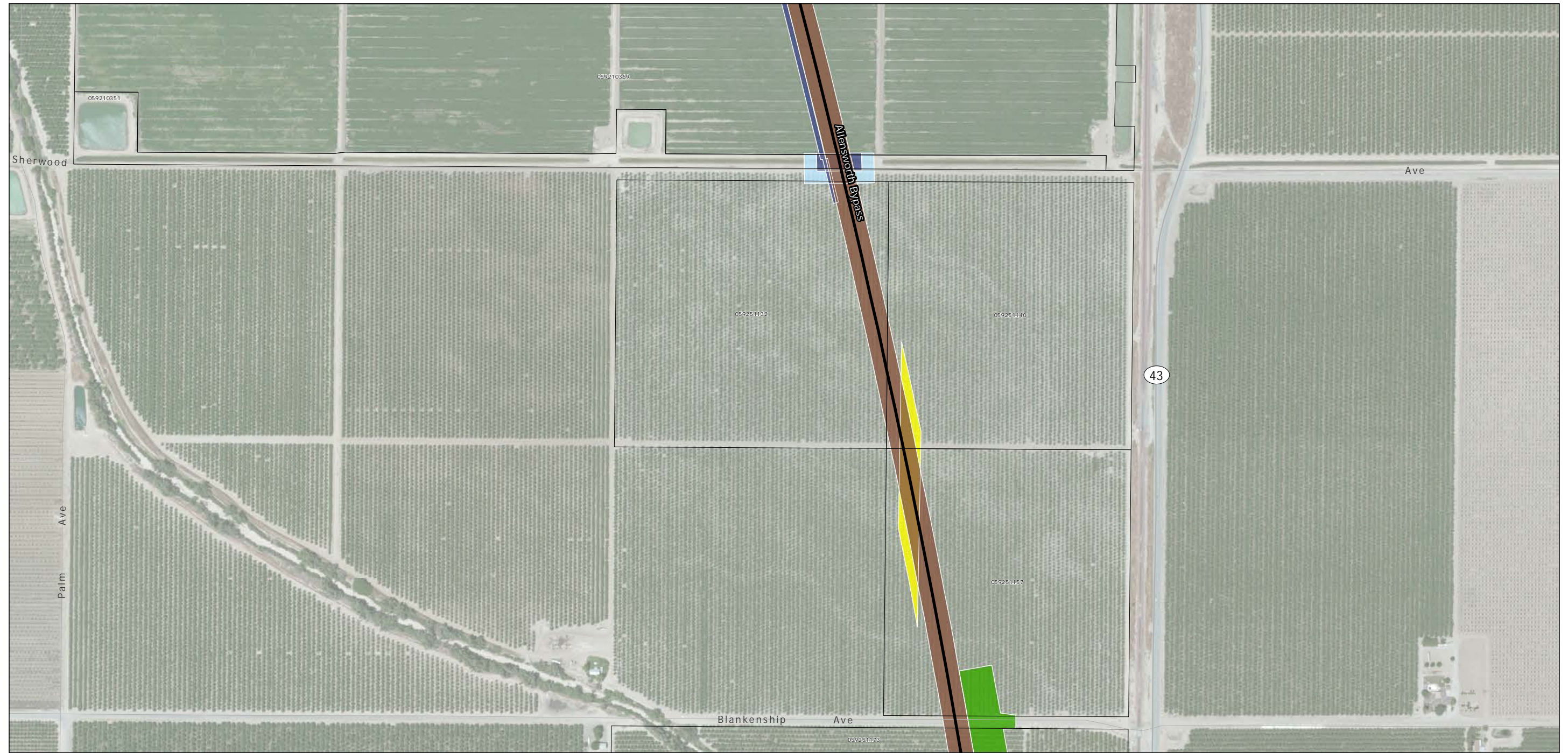


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 Image source: ESRI

March 19, 2014

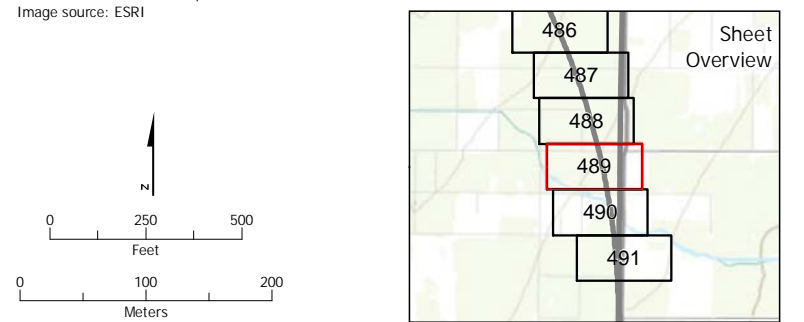


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <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
 Image source: ESRI

March 19, 2014

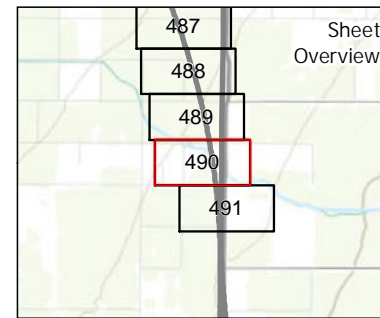
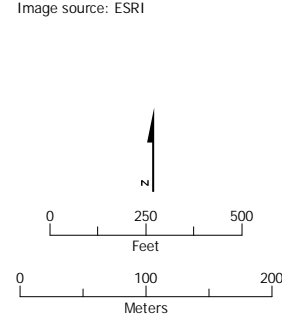


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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

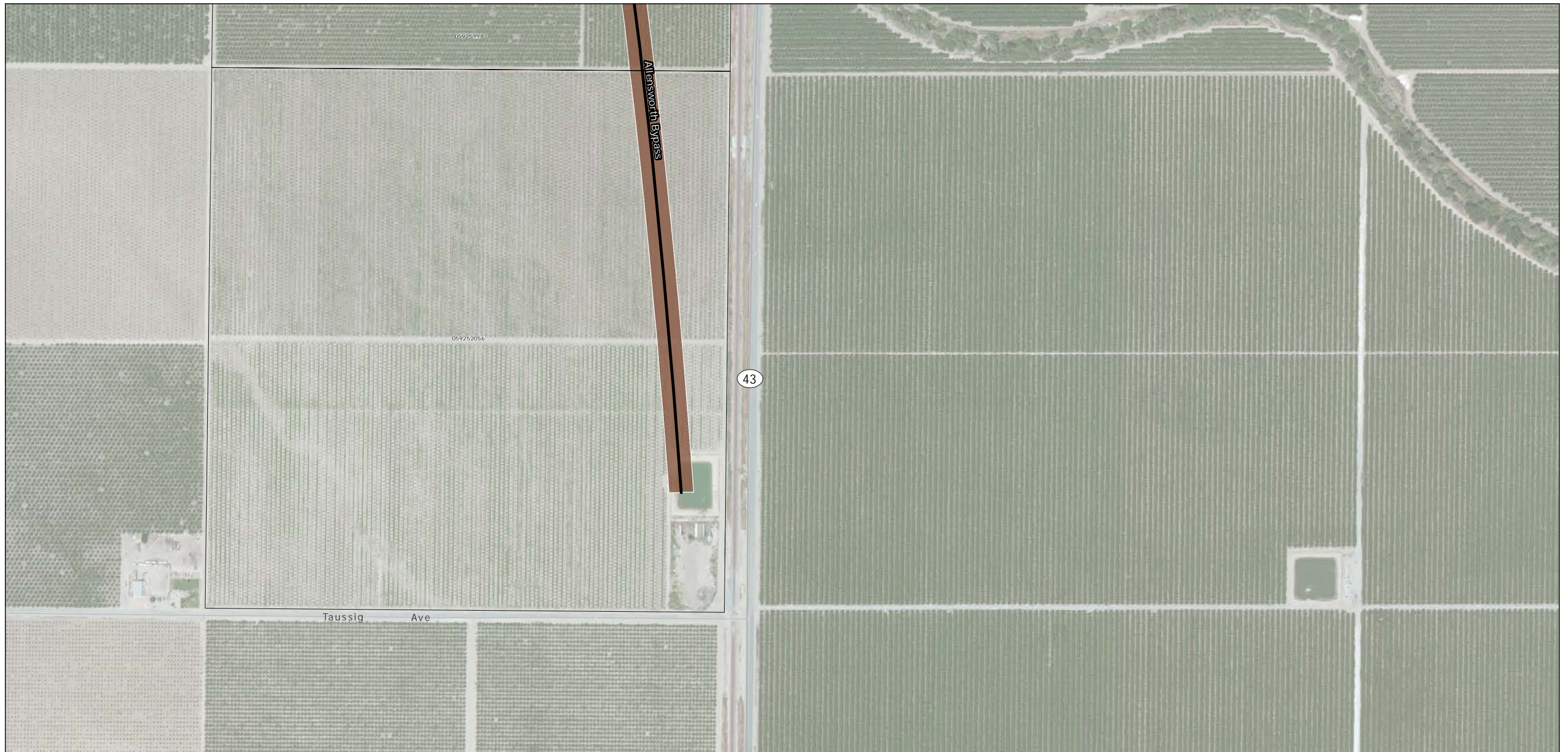


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

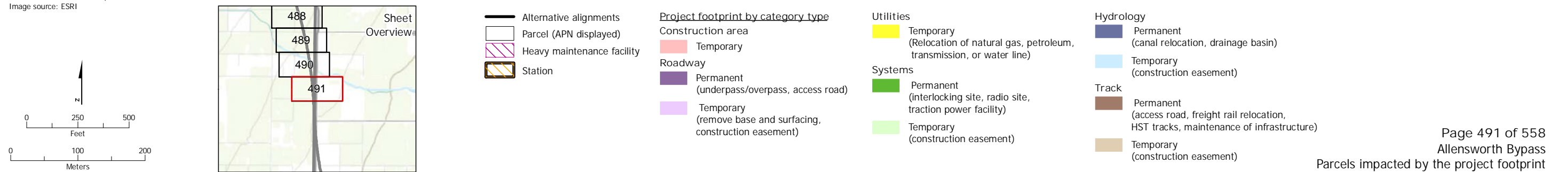
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

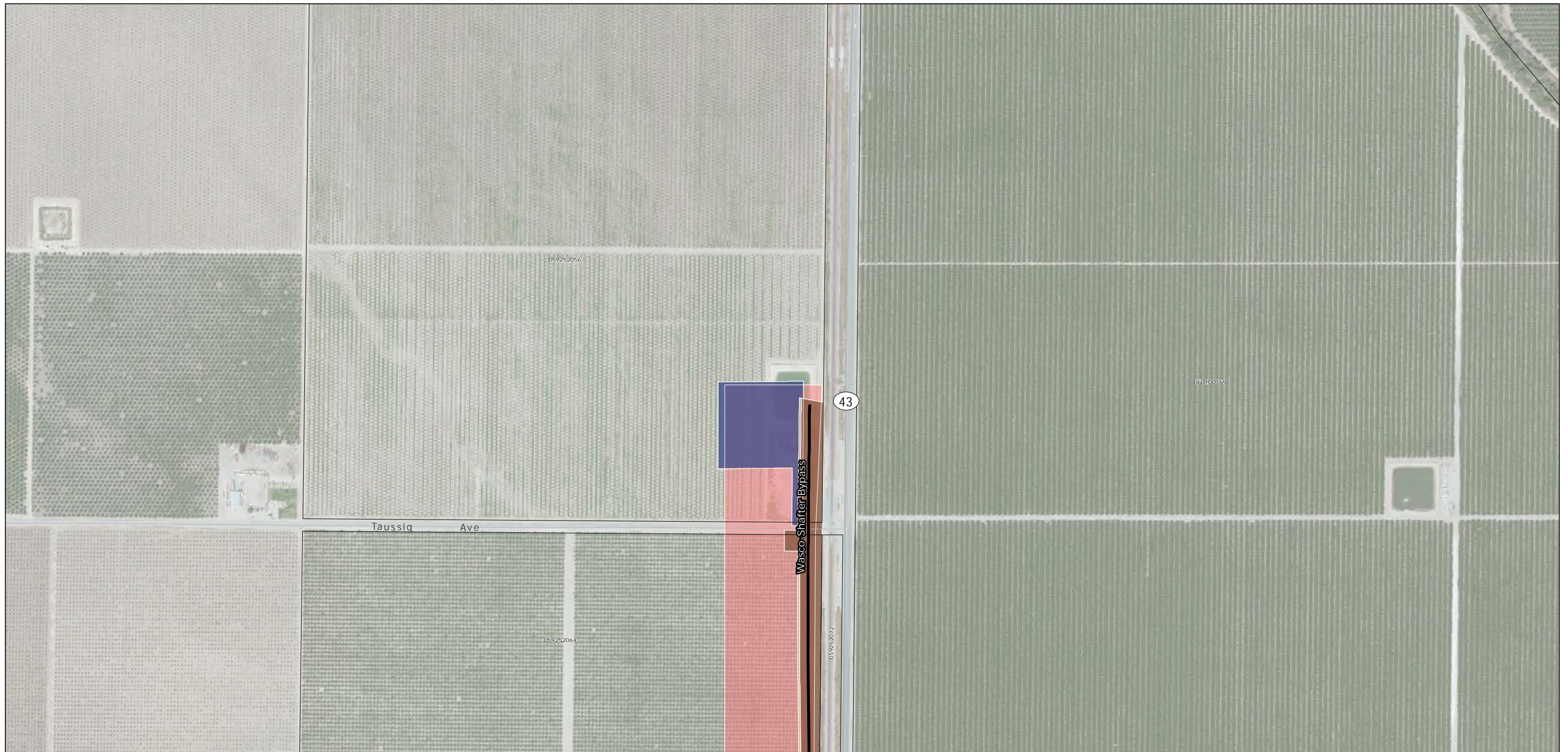
- Hydrology**
- Permanent (canal relocation, drainage basin)
 - Temporary (construction easement)
- Track**
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



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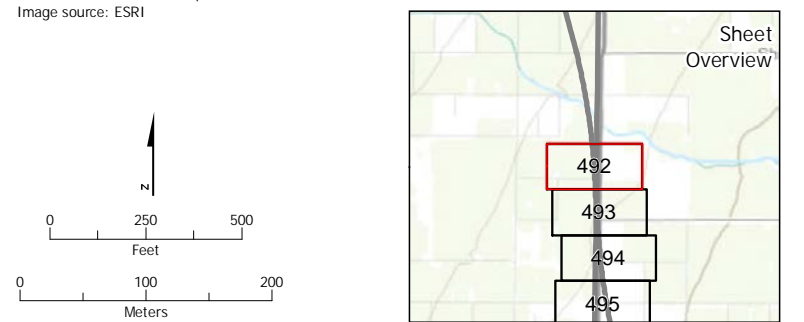
March 19, 2014





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March 19, 2014

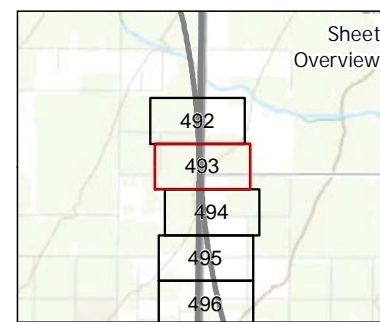
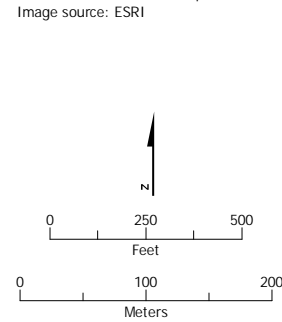


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

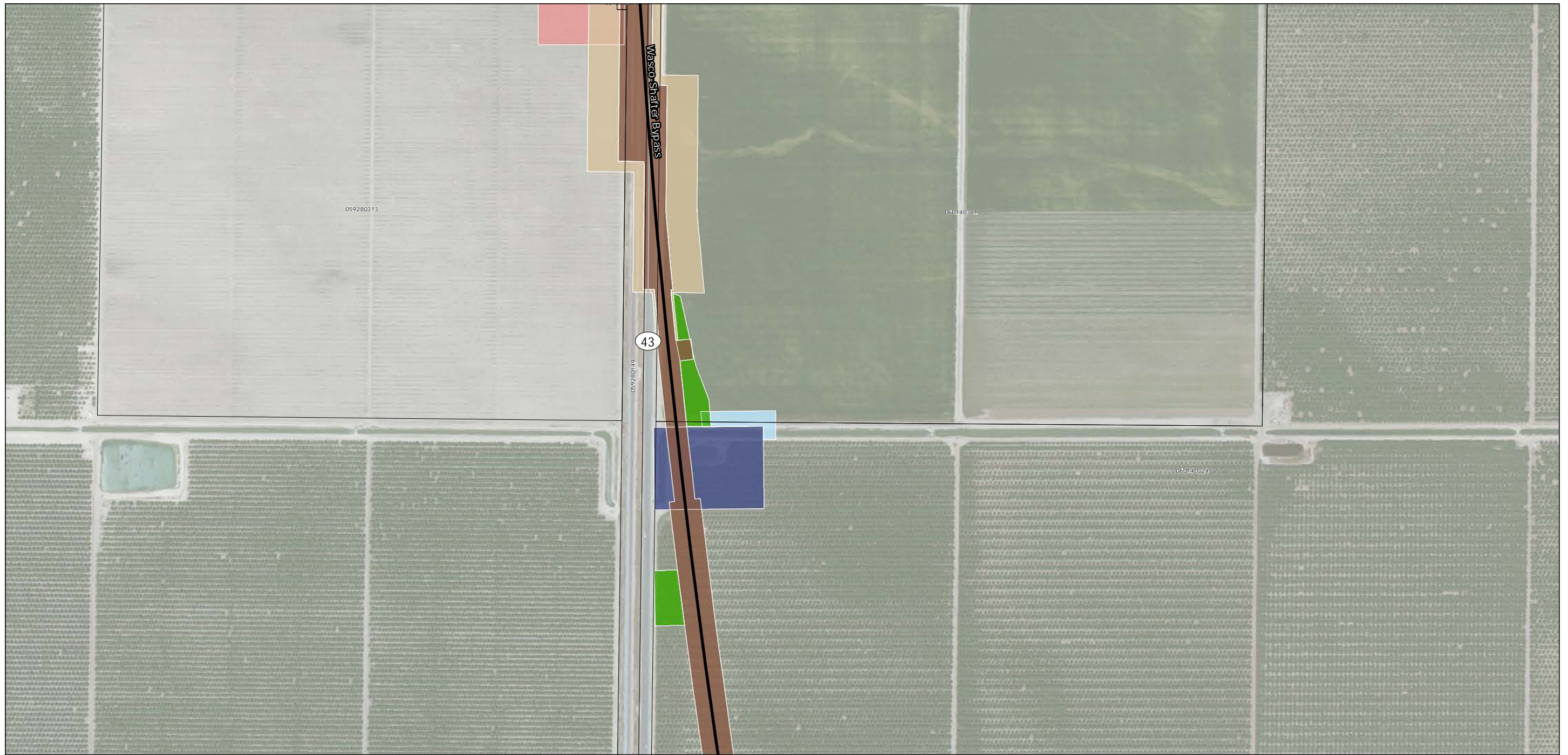


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

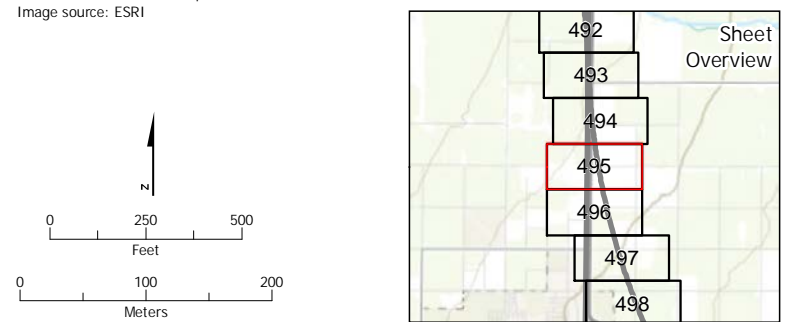
Track

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



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 Image source: ESRI

March 19, 2014



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

- Project footprint by category type**
- Construction area**
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 - Permanent (underpass/overpass, access road)
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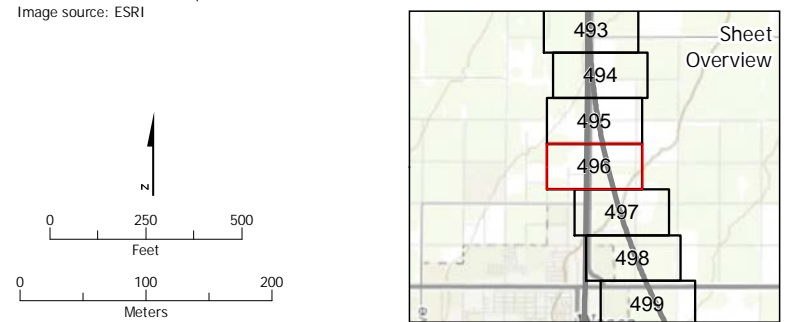
- Utilities**
 - Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
 - Permanent (interlocking site, radio site, traction power facility)
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 - Permanent (canal relocation, drainage basin)
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 - 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

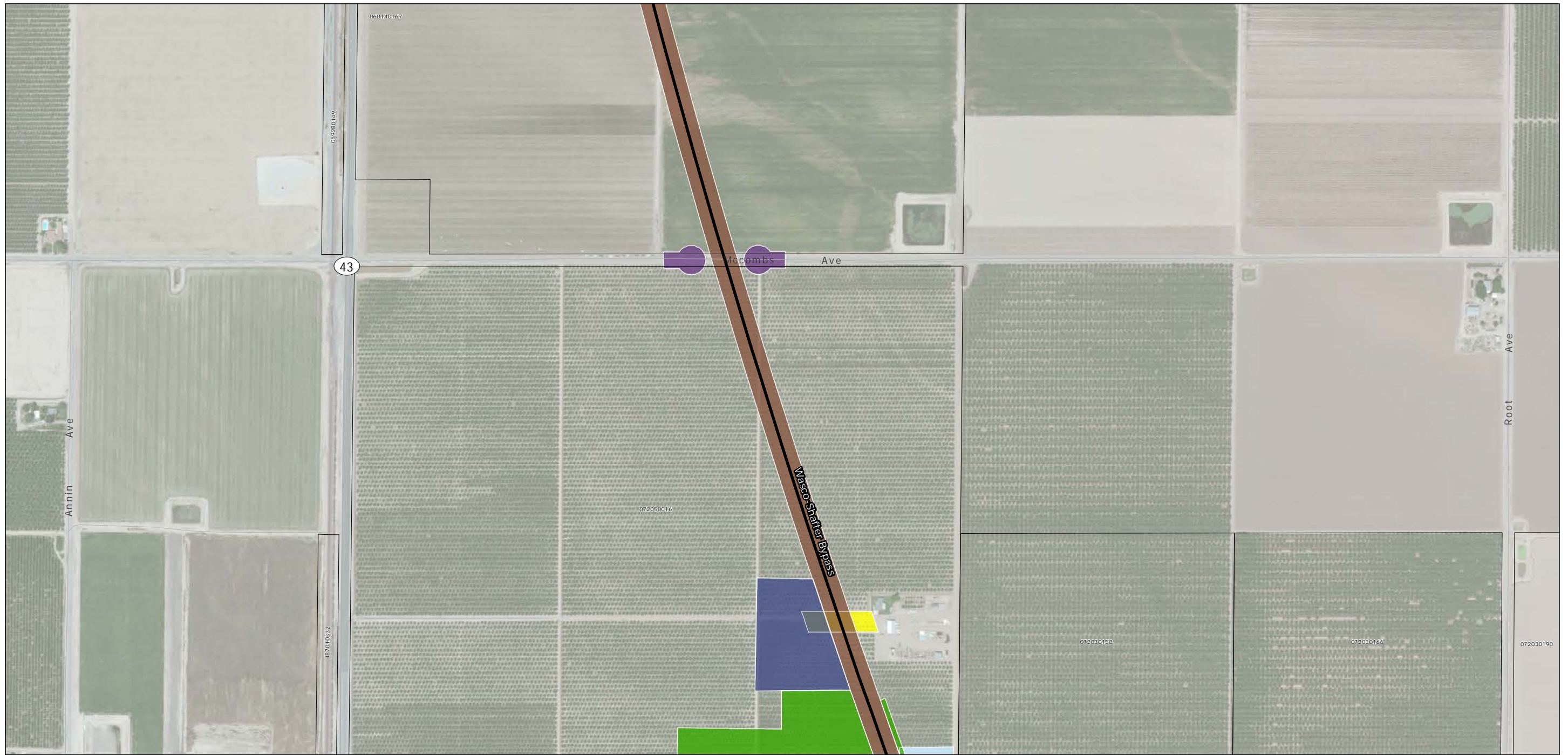


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

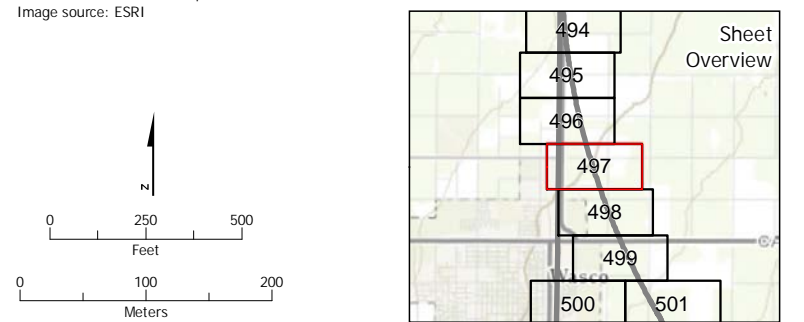
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
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- Hydrology**
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- Permanent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

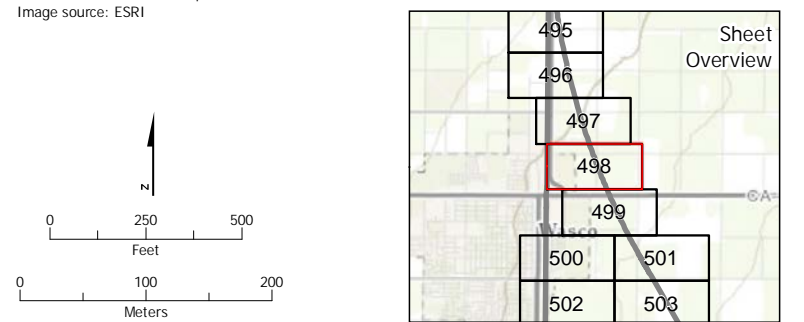


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
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- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
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- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

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- Track**
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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

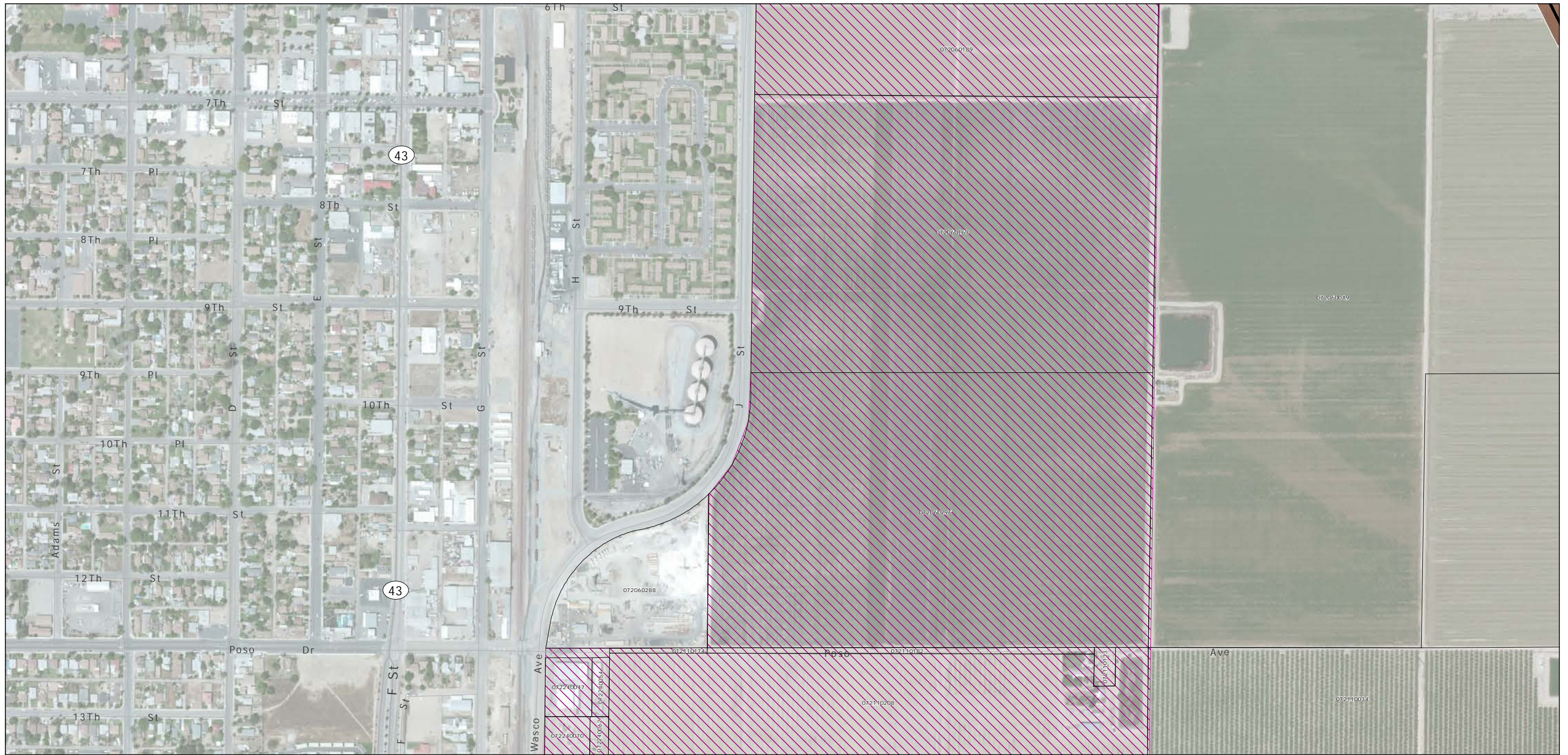
- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

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

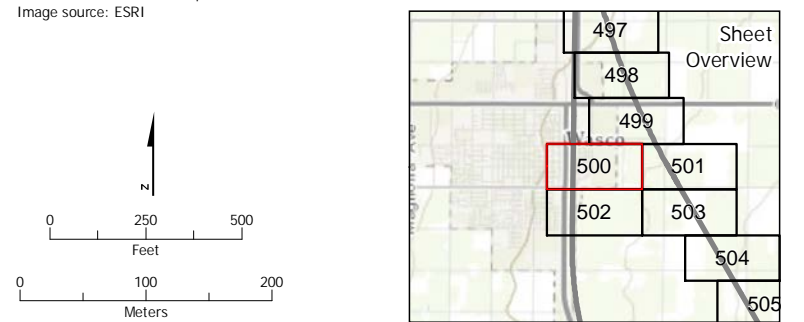
Track

- 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

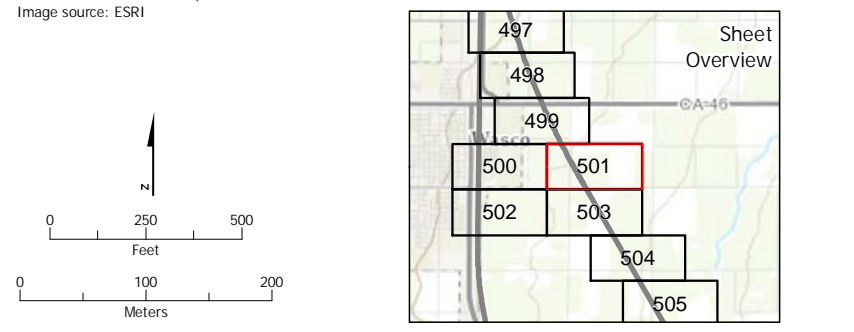


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
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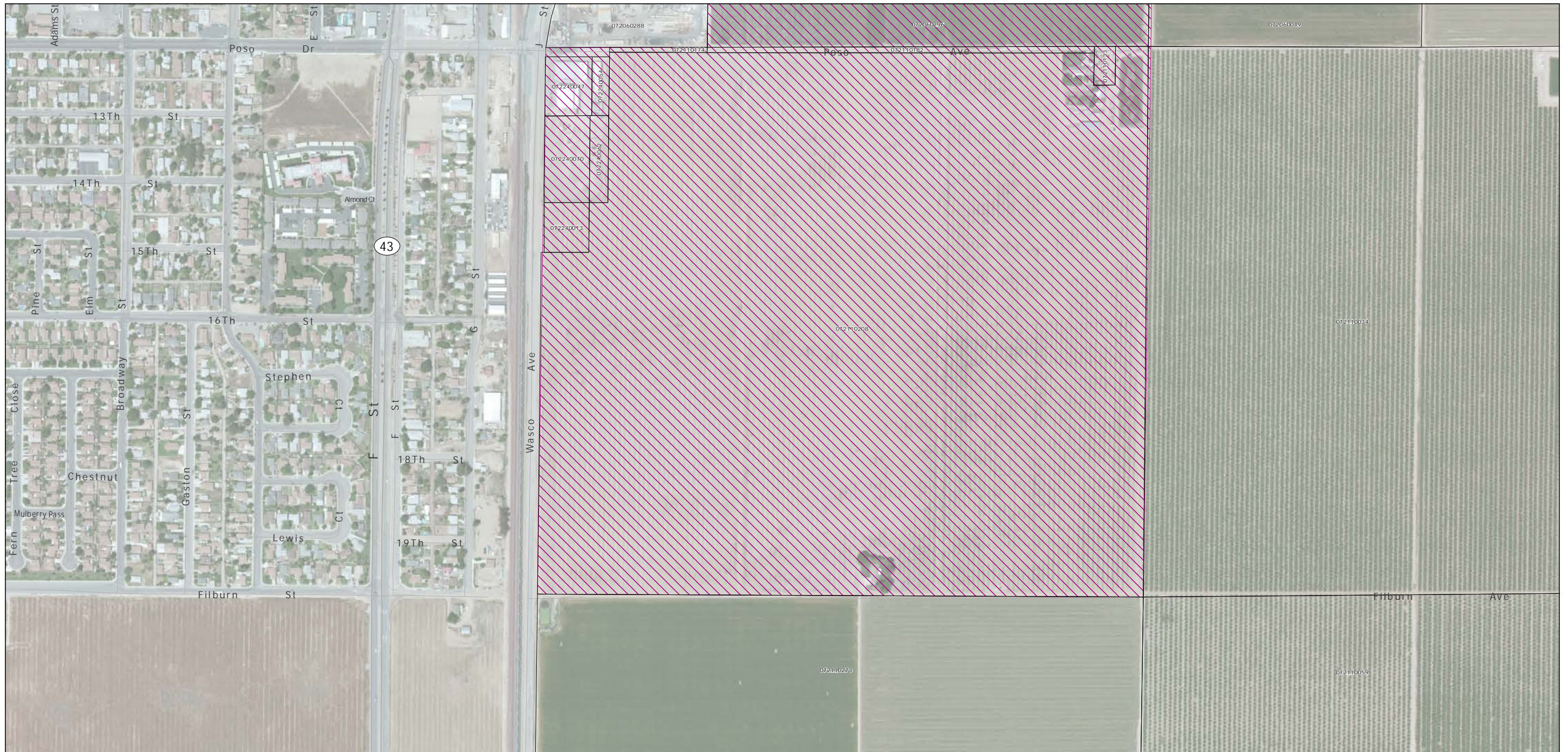


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March 19, 2014

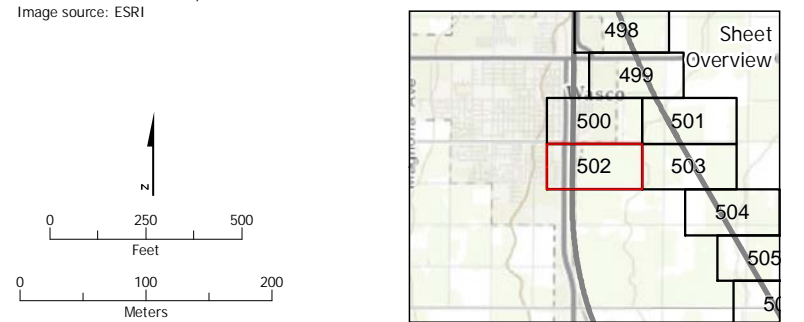


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

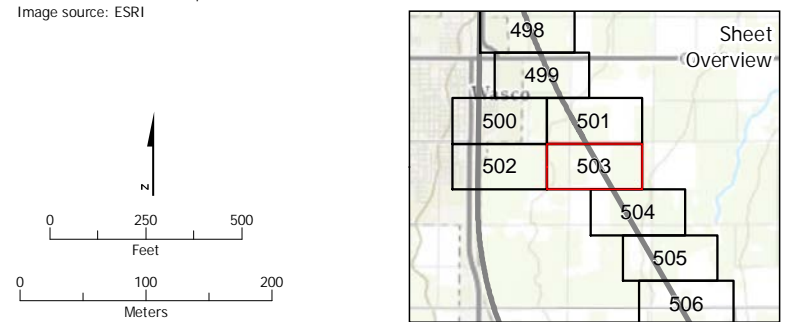


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**
- 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)

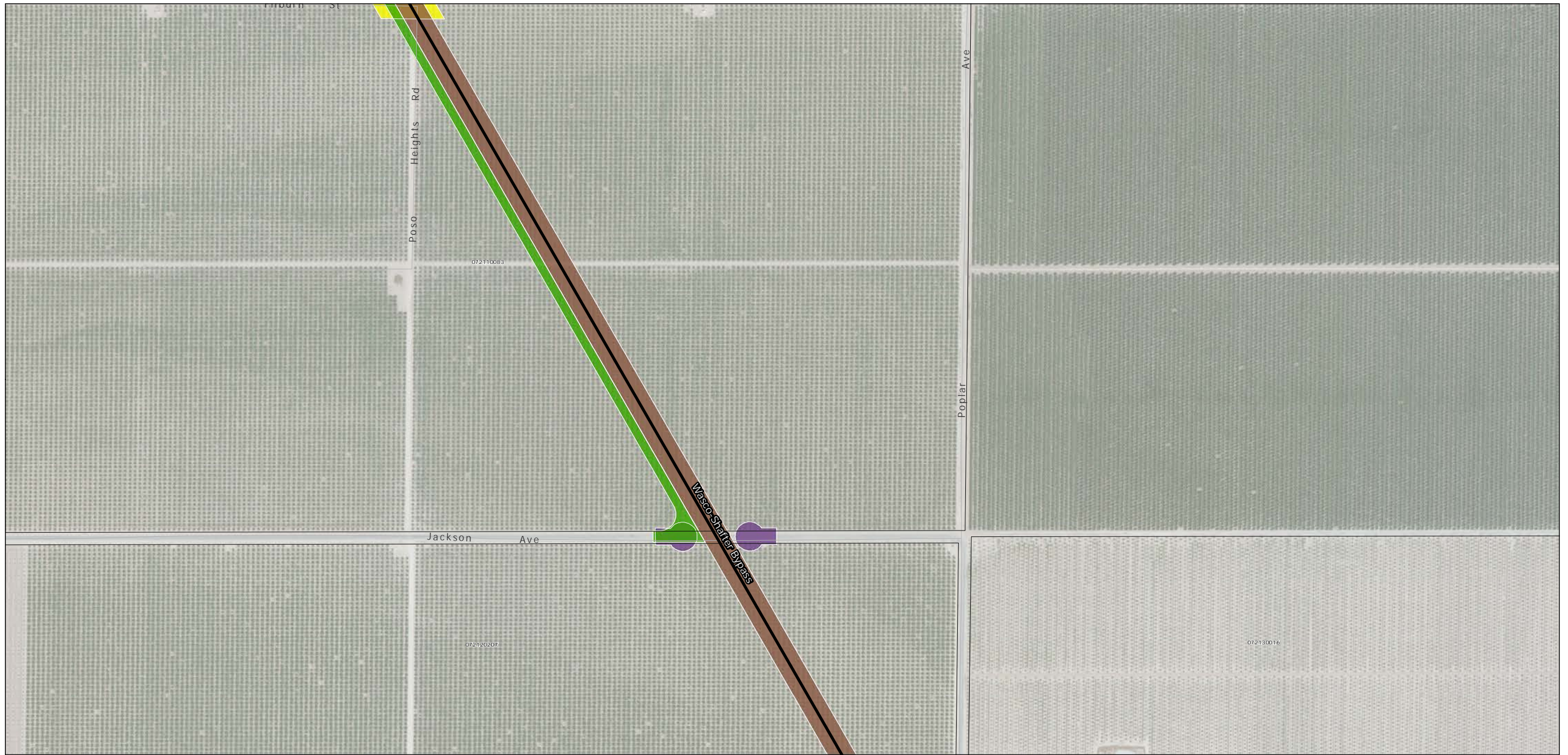


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March 19, 2014

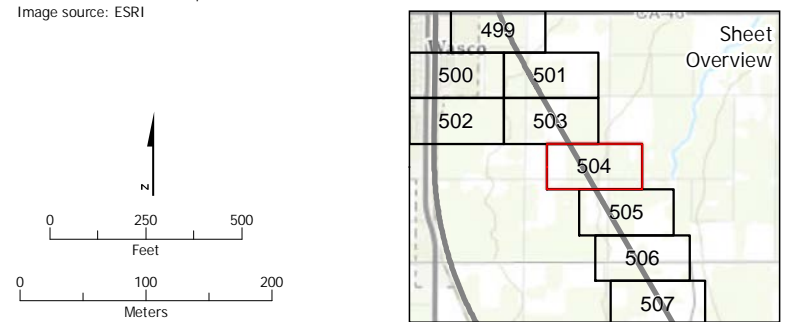


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

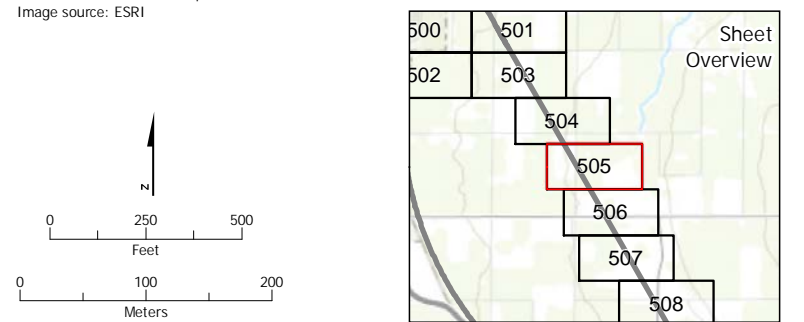


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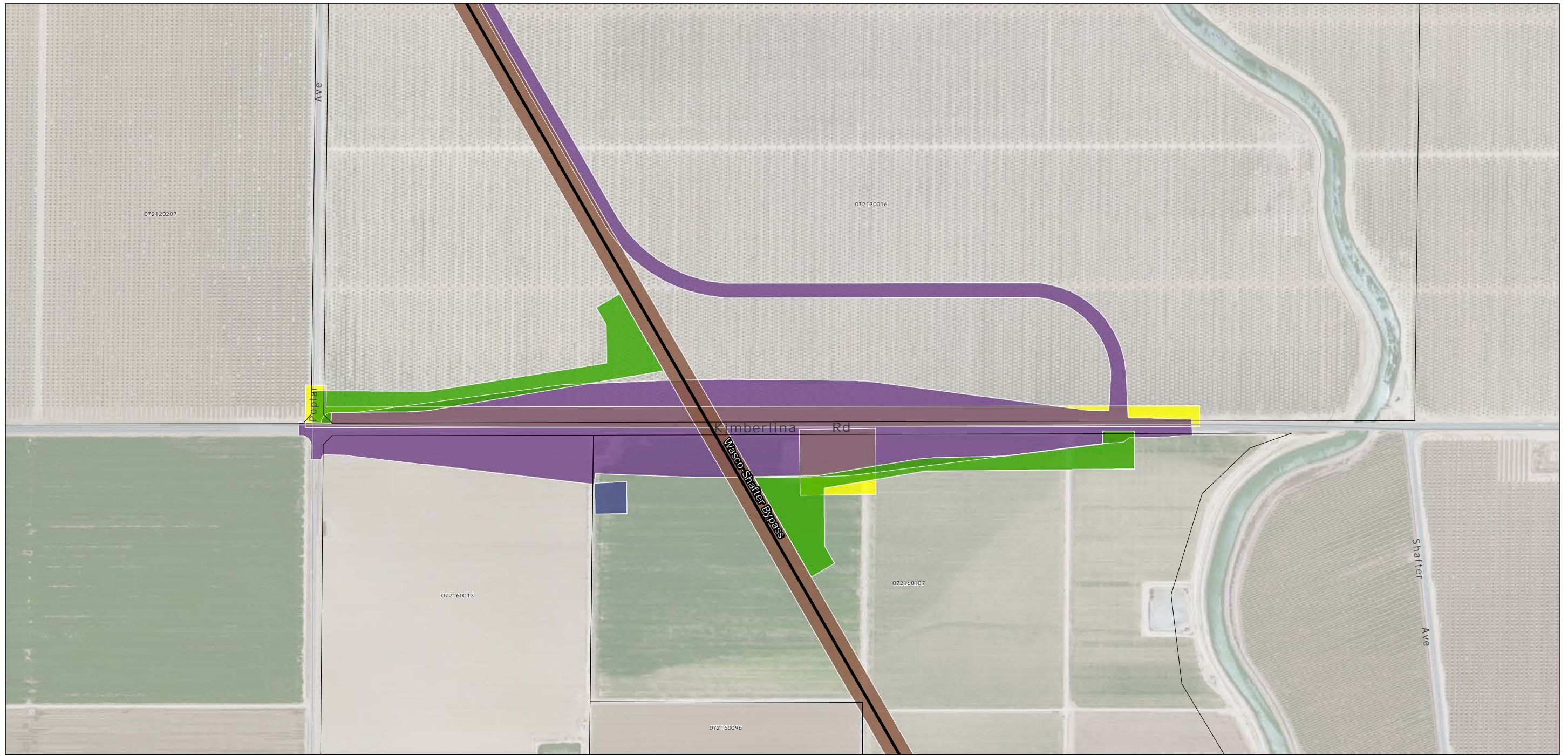


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March 19, 2014

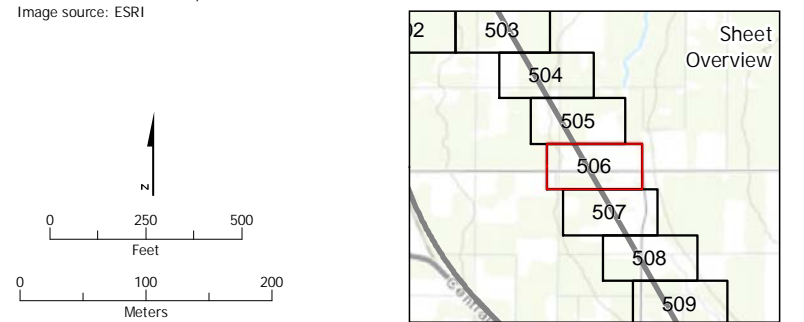


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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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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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)



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

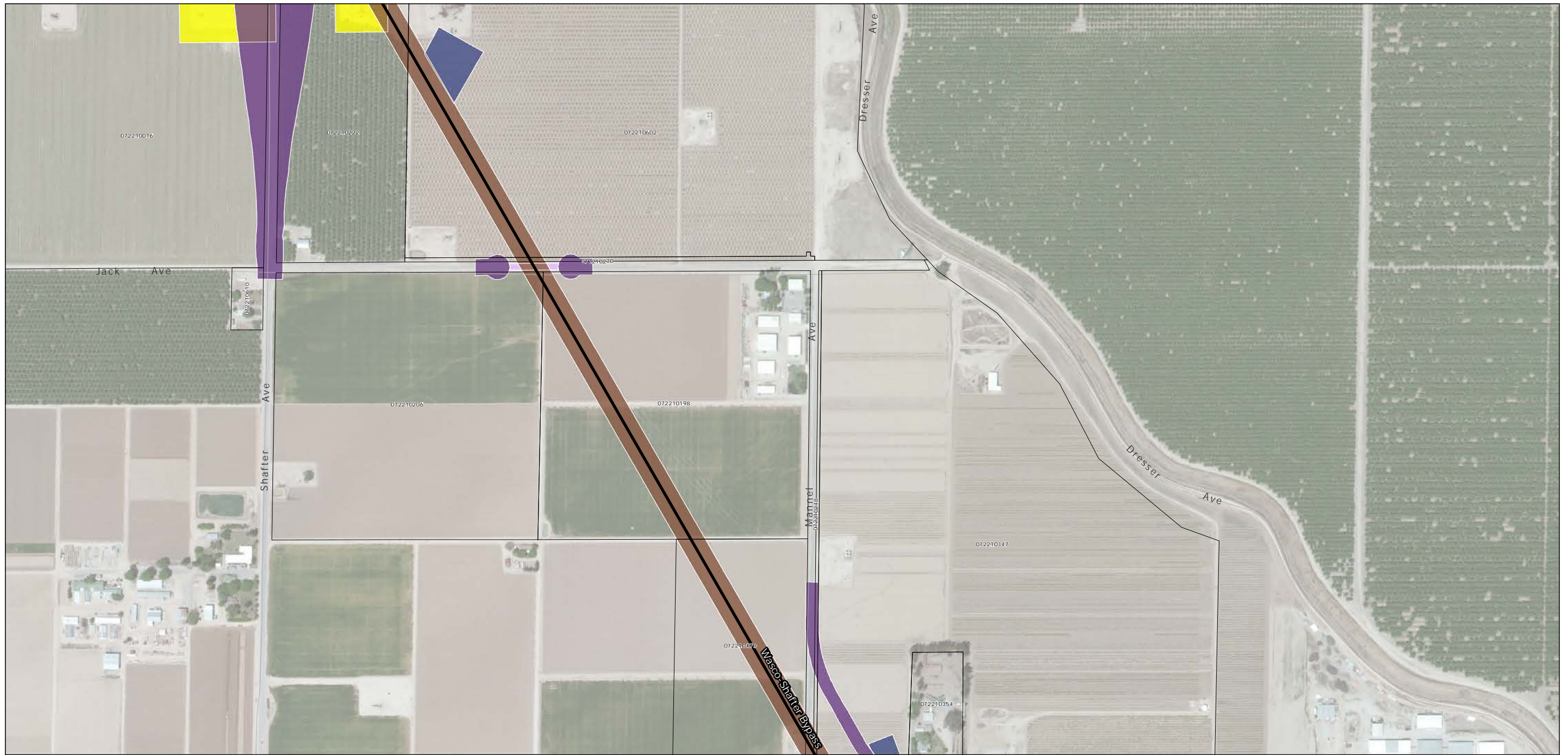
- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

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

Track

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



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

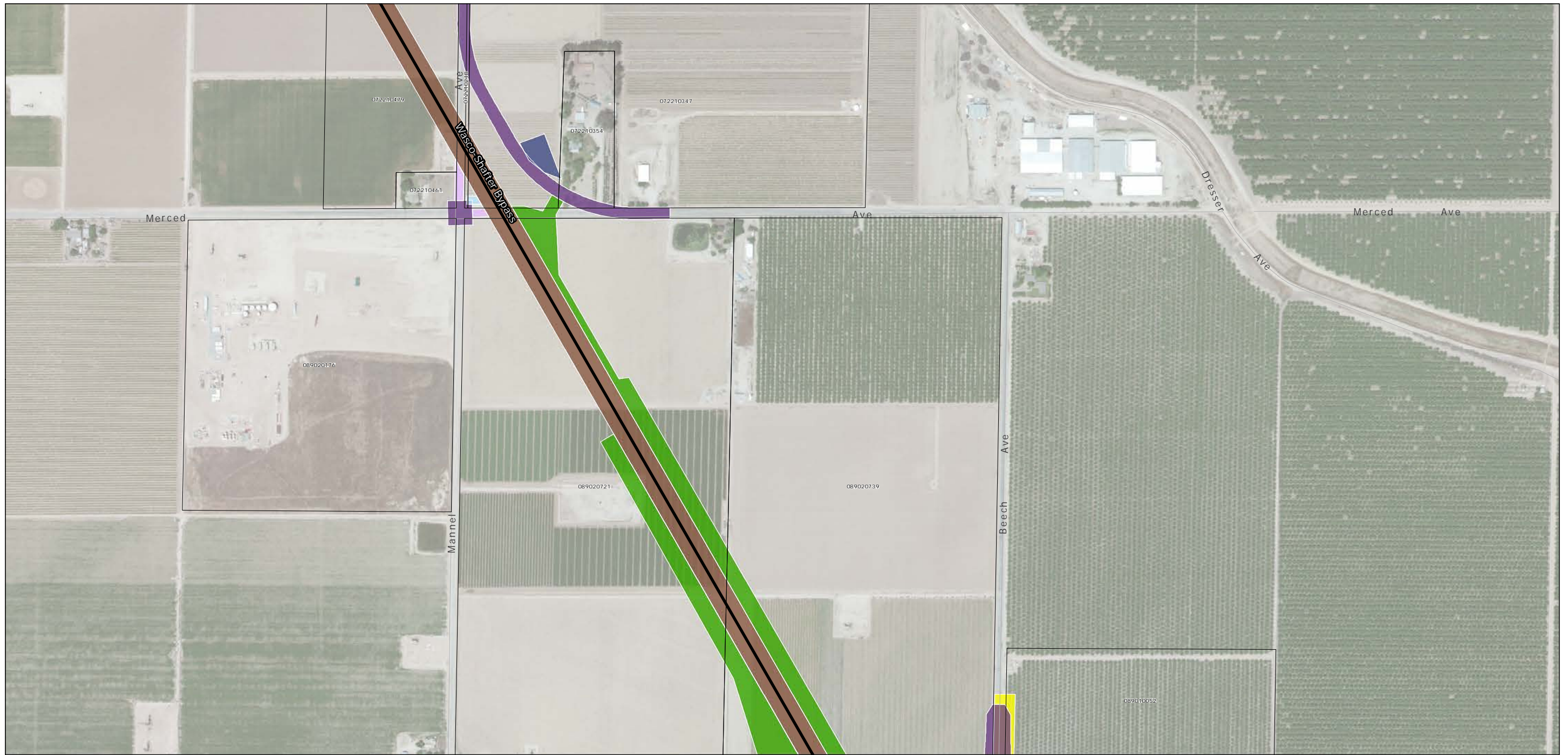
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- Temporary (construction easement)

Hydrology

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

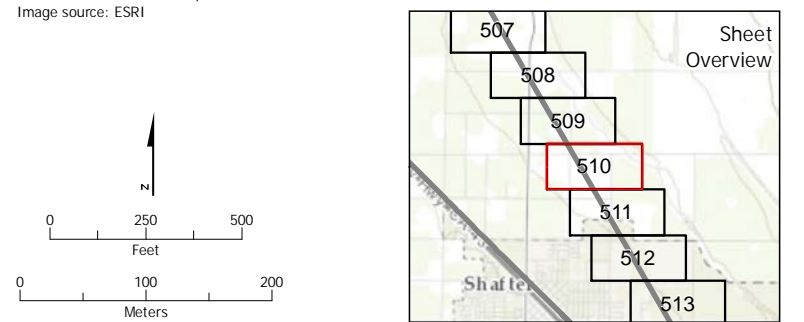
Track

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- Temporary (construction easement)

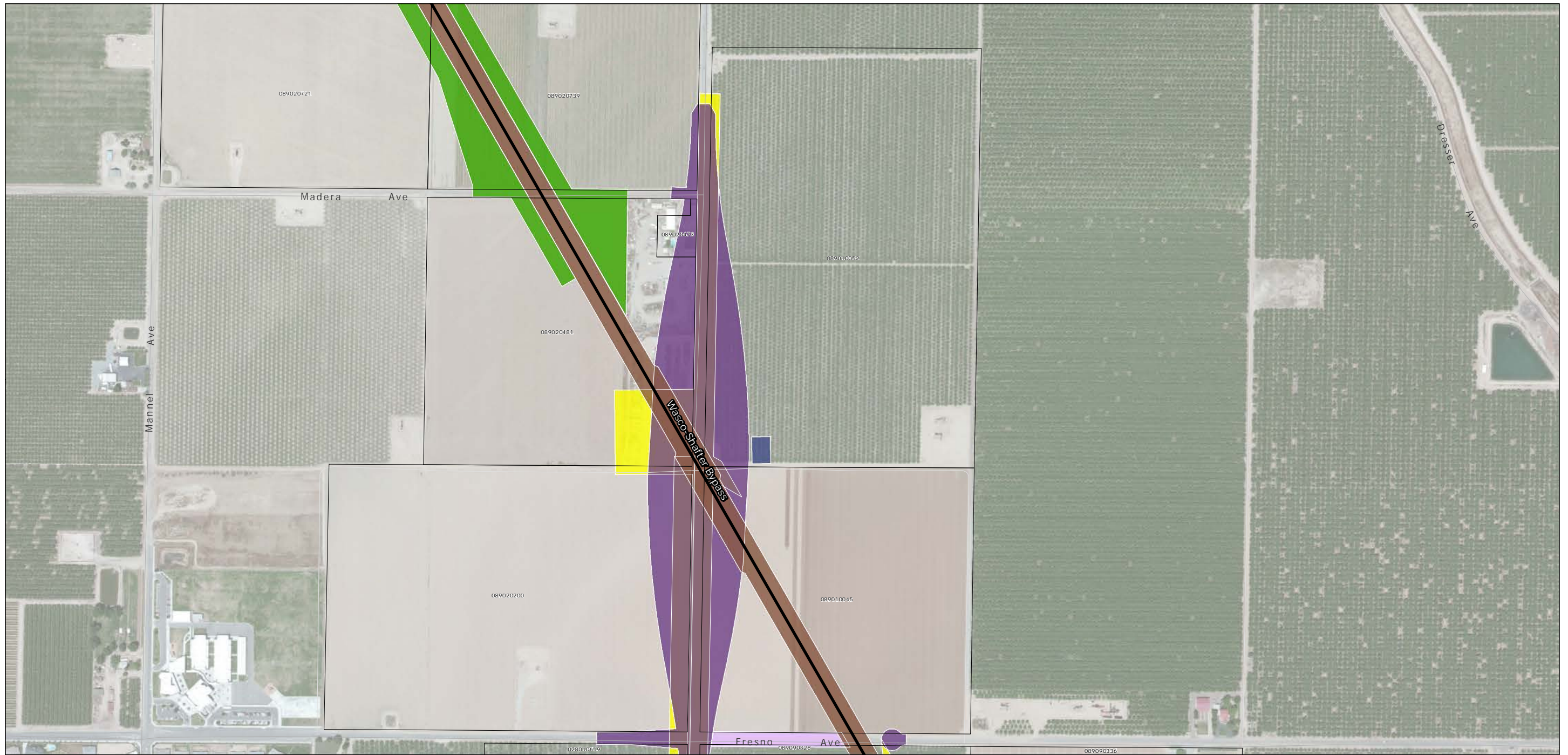


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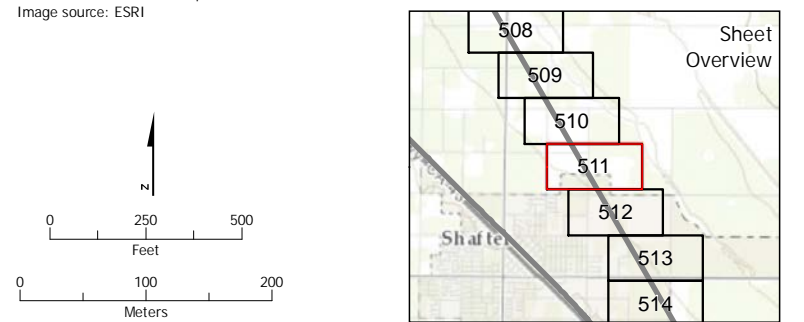


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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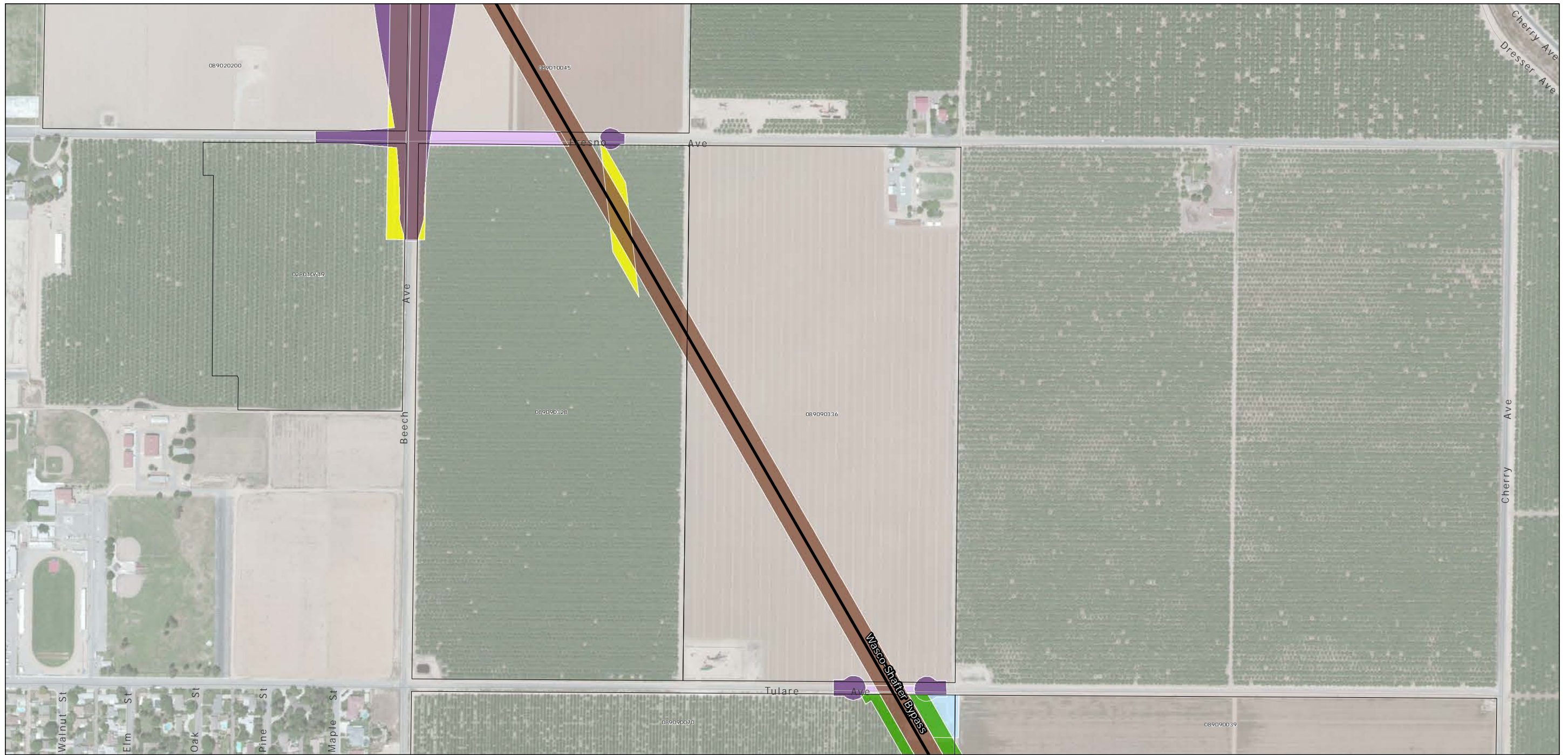


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March 19, 2014

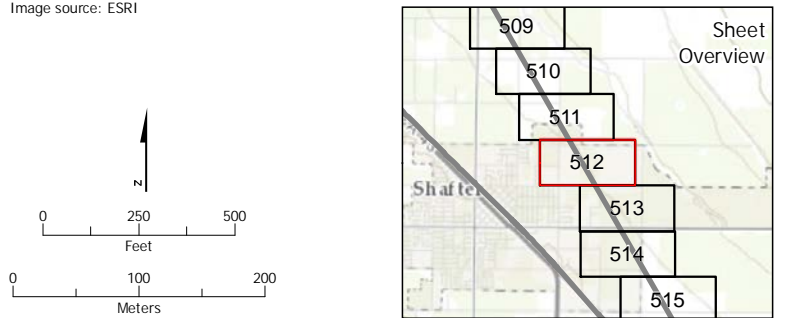


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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

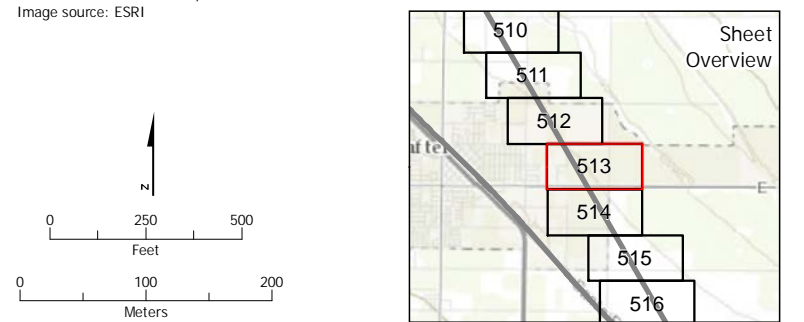


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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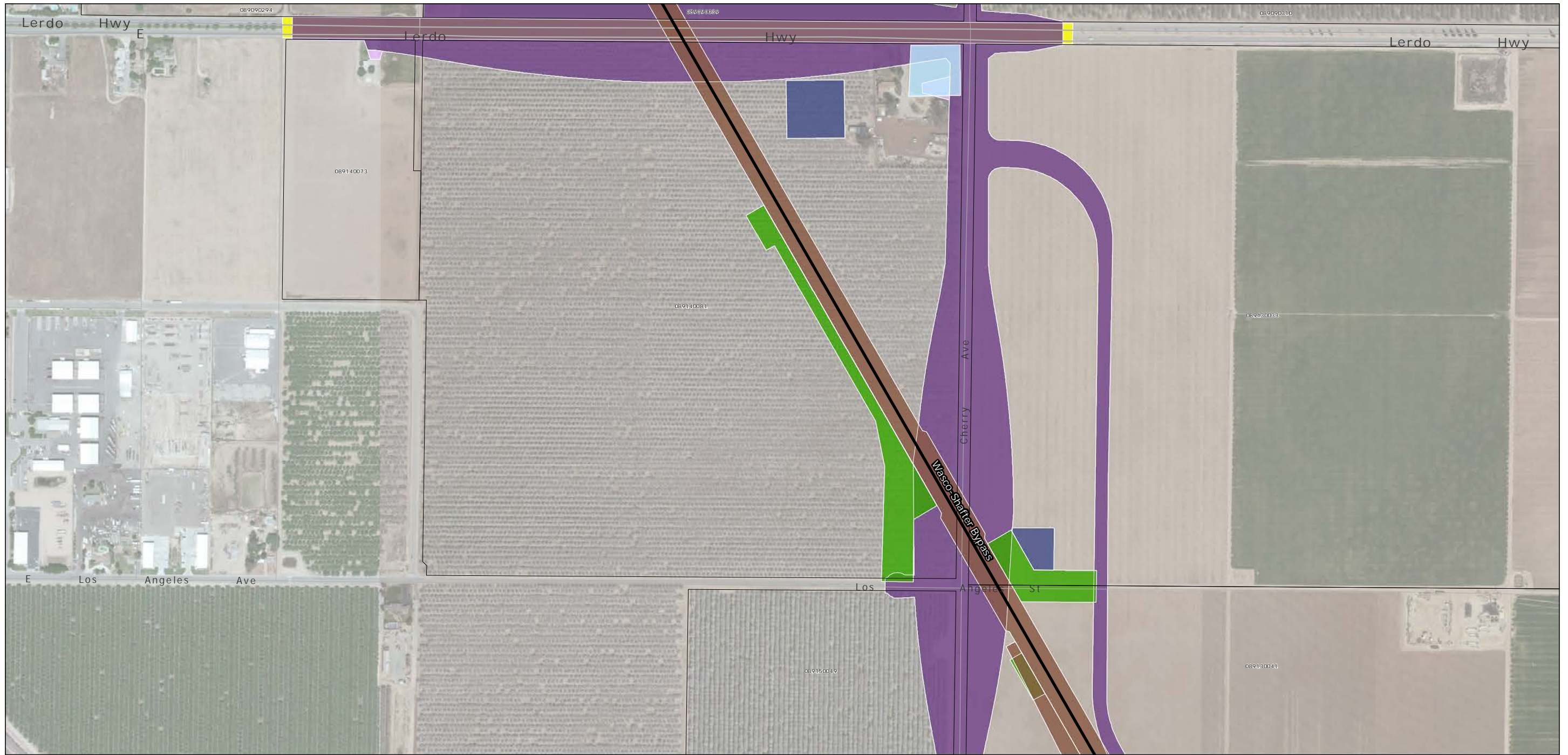


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March 19, 2014

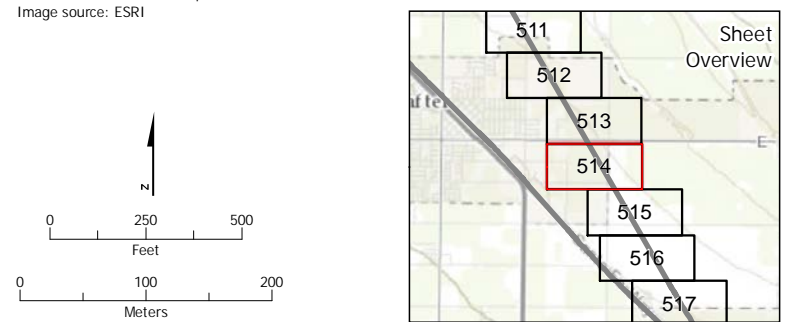


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <ul style="list-style-type: none"> Construction area Temporary Roadway Permanent (underpass/overpass, 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) |
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Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

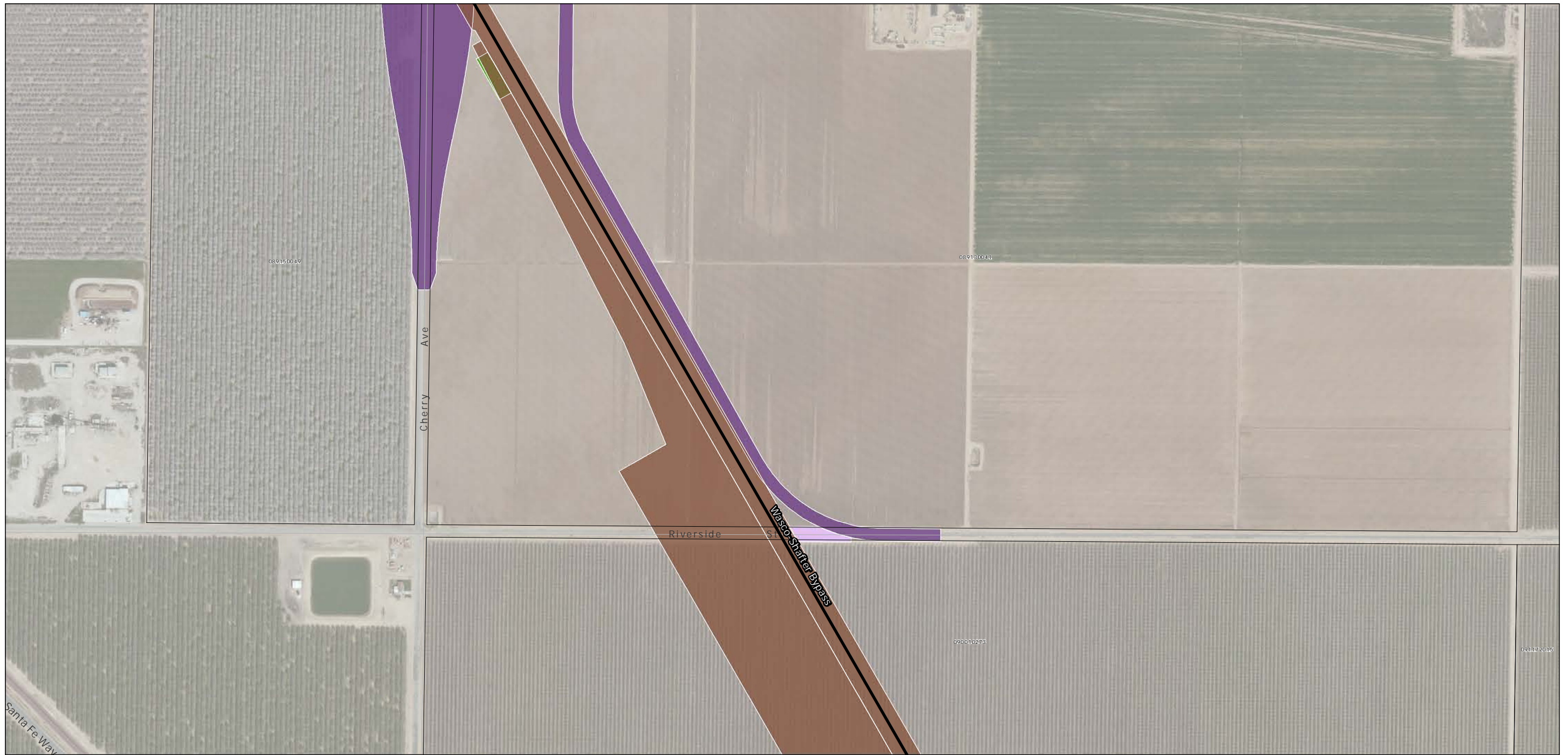


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

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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)

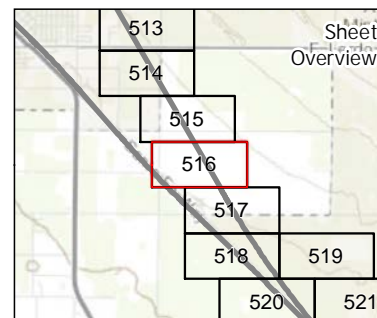
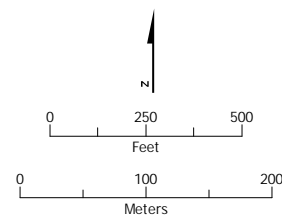
Track

- 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

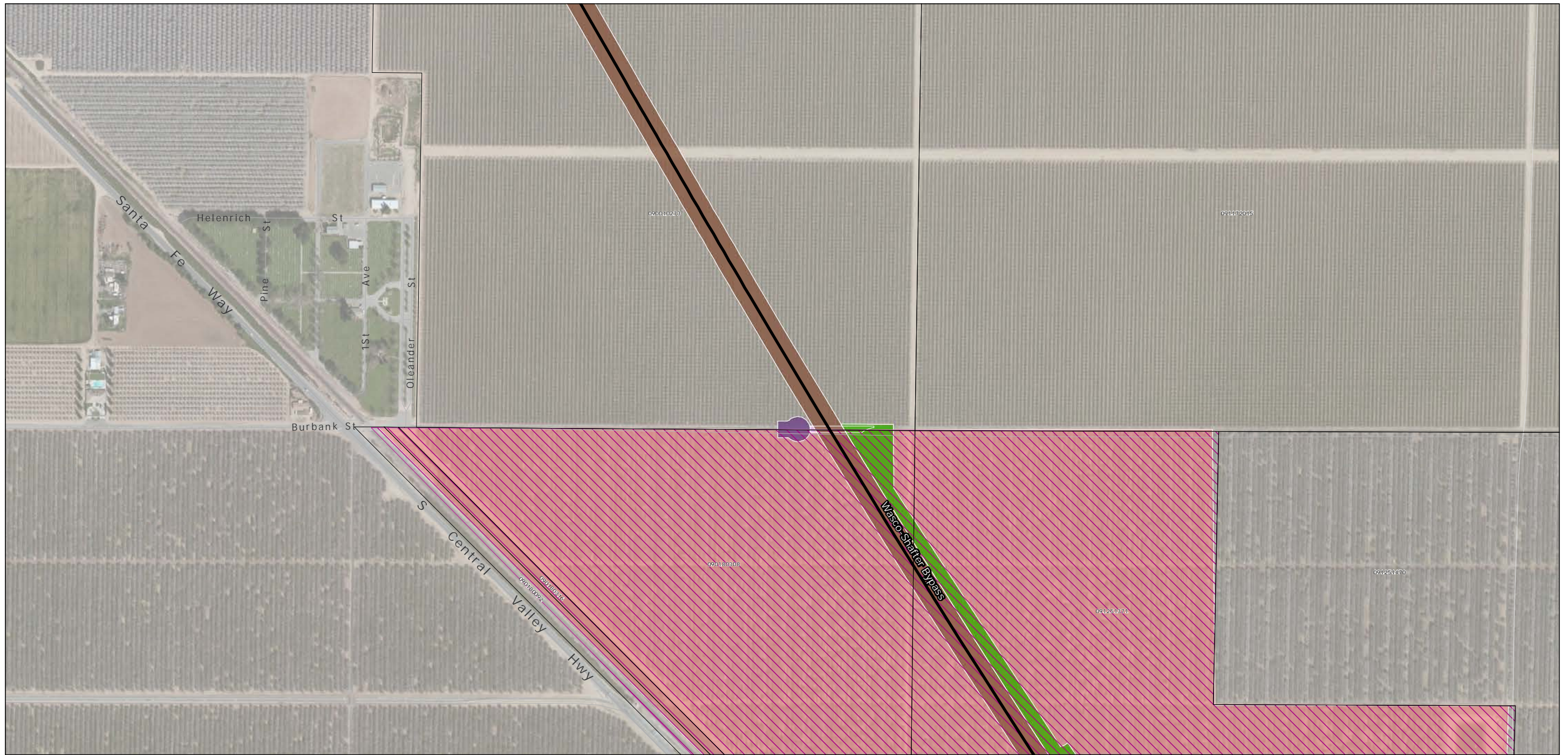


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

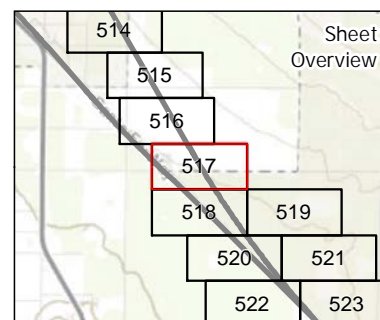
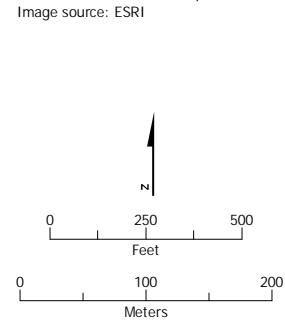
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- Hydrology**
- Permanent (canal relocation, drainage basin)
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- Track**
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Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

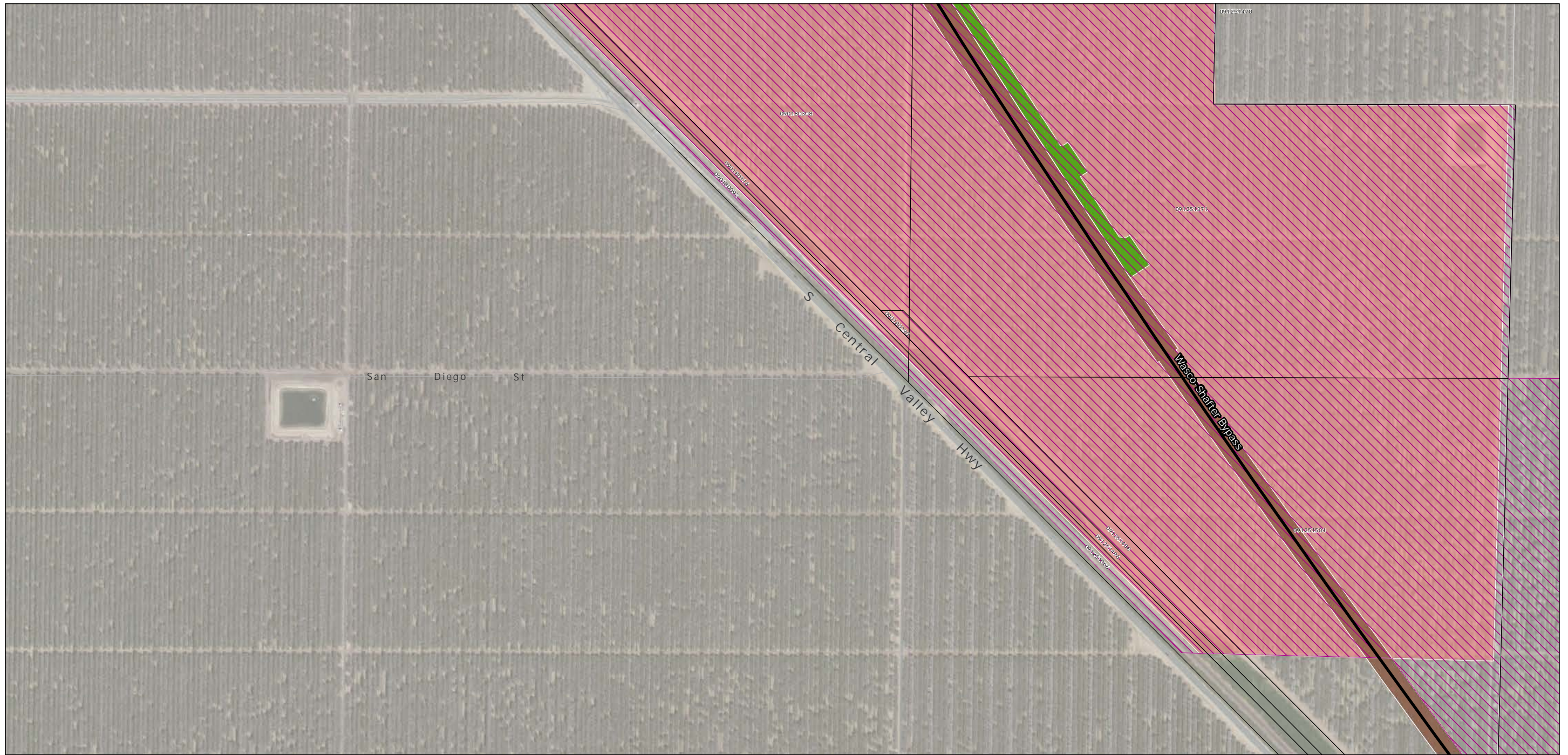


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area**
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 - Roadway**
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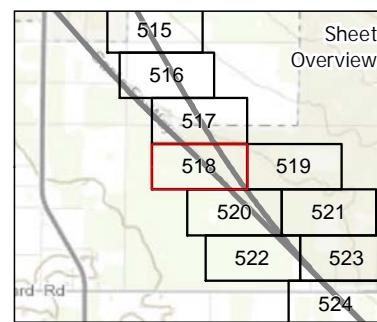
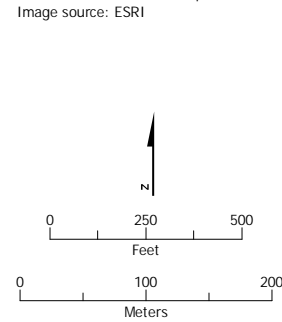
- Utilities**
 - Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
 - Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

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

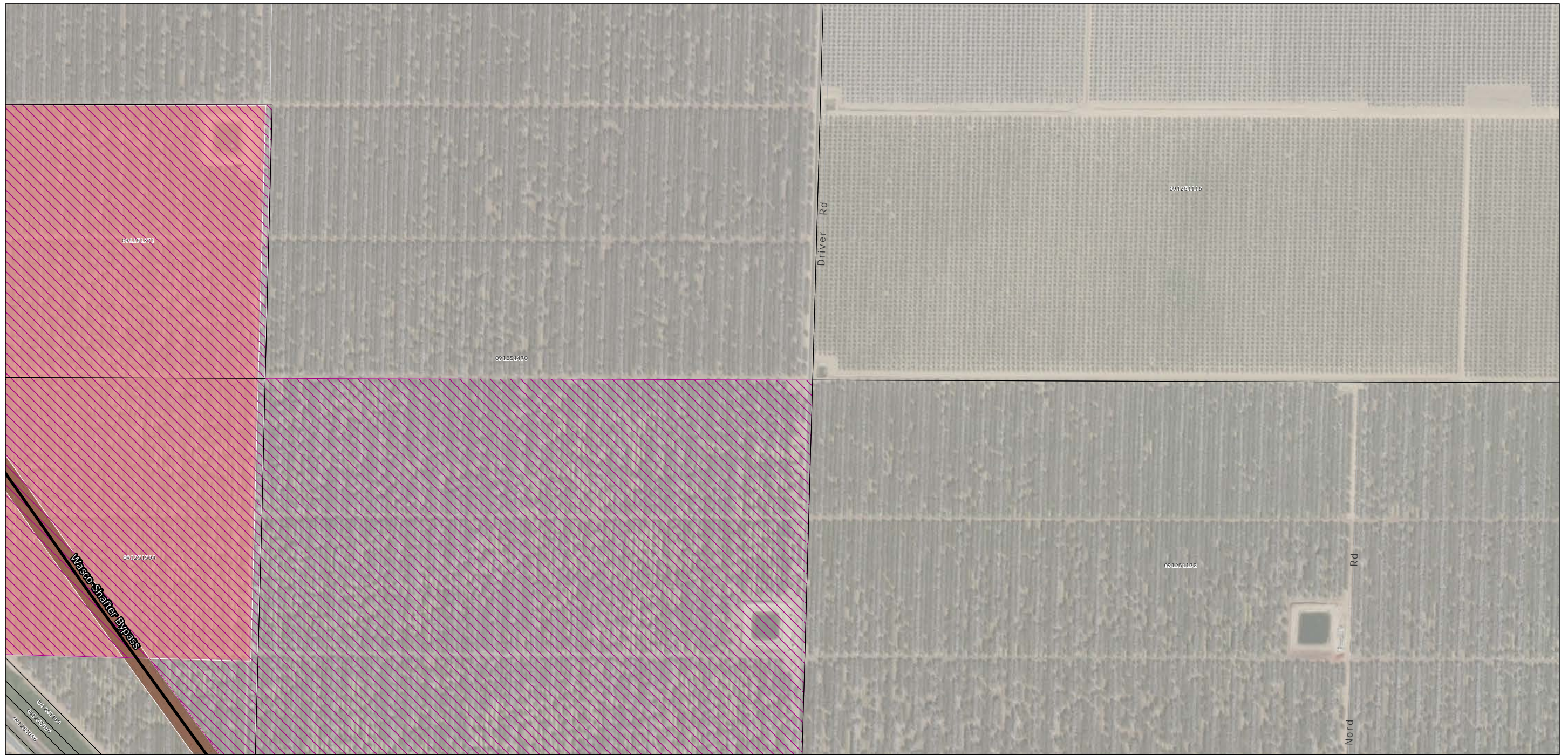


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March 19, 2014

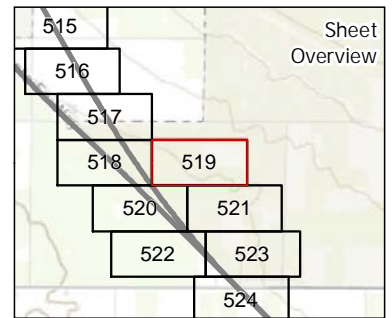
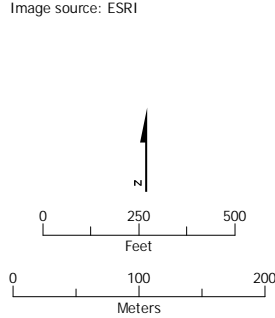


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <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
 Image source: ESRI

March 19, 2014

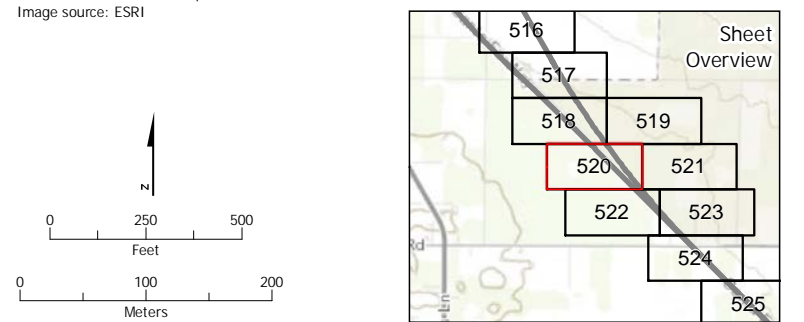


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area
 - Temporary
 - Roadway
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**
- 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

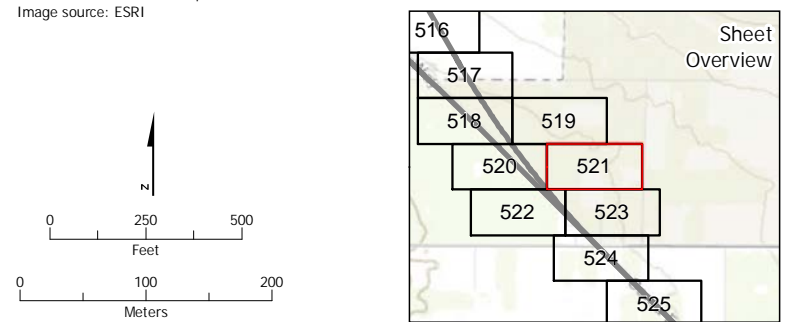


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
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 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
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- Alternative alignments
- Parcel (APN displayed)
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- Station

- Project footprint by category type**
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- 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)

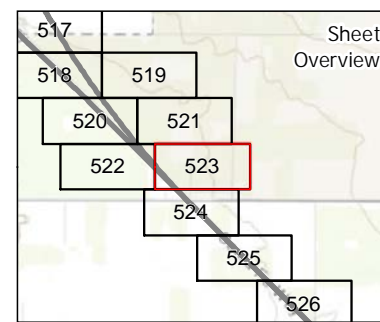
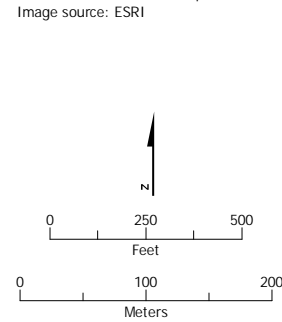
Track

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



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)

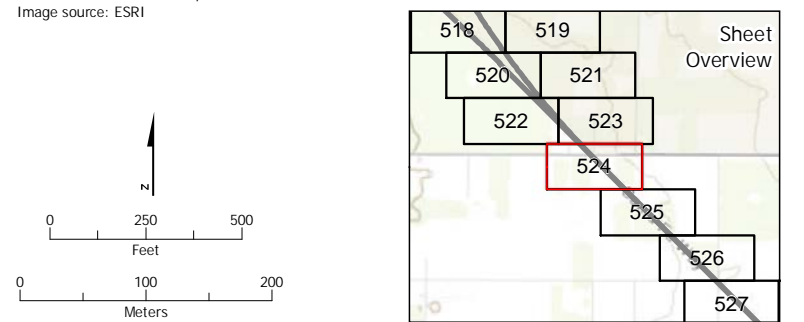
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- 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

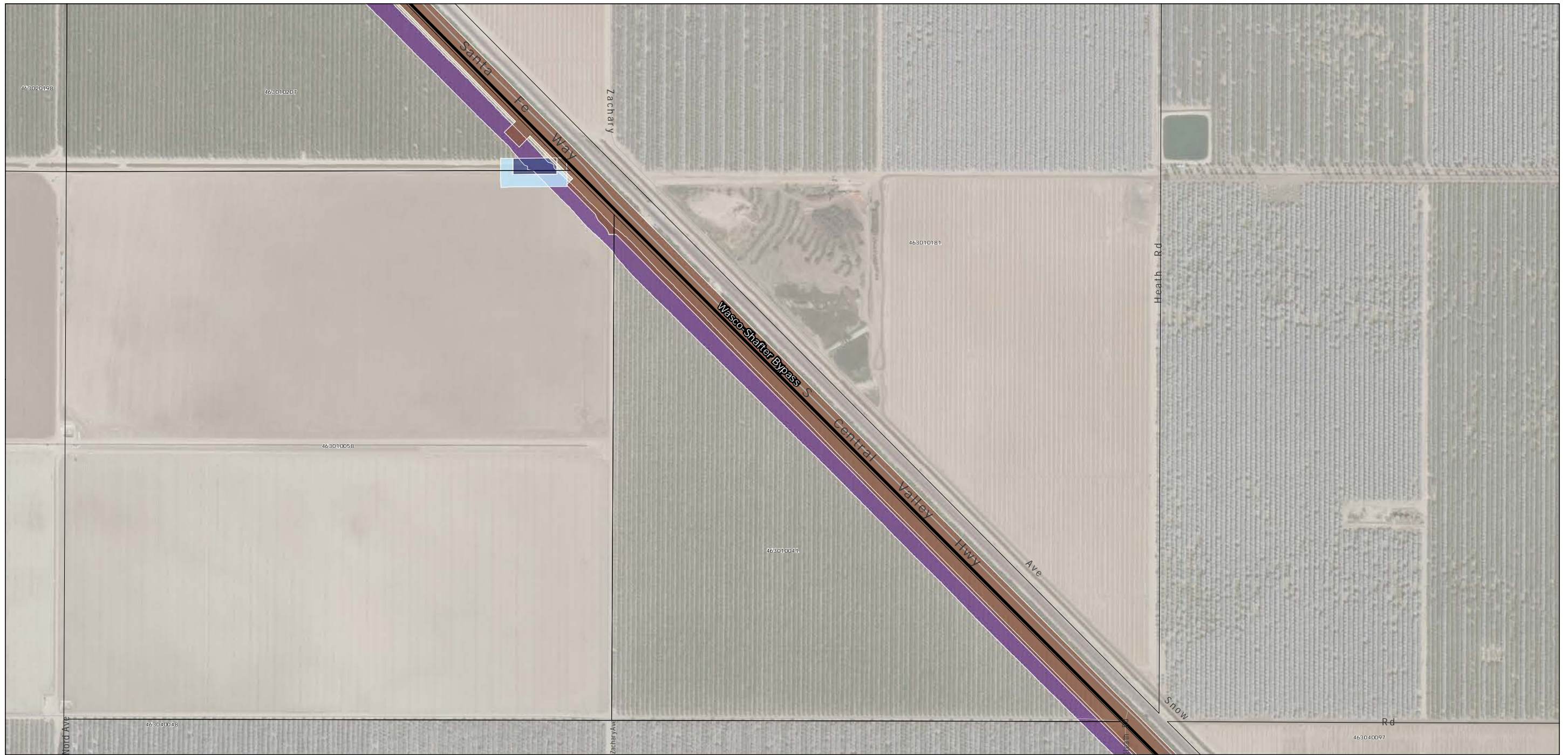


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- 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

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

Systems

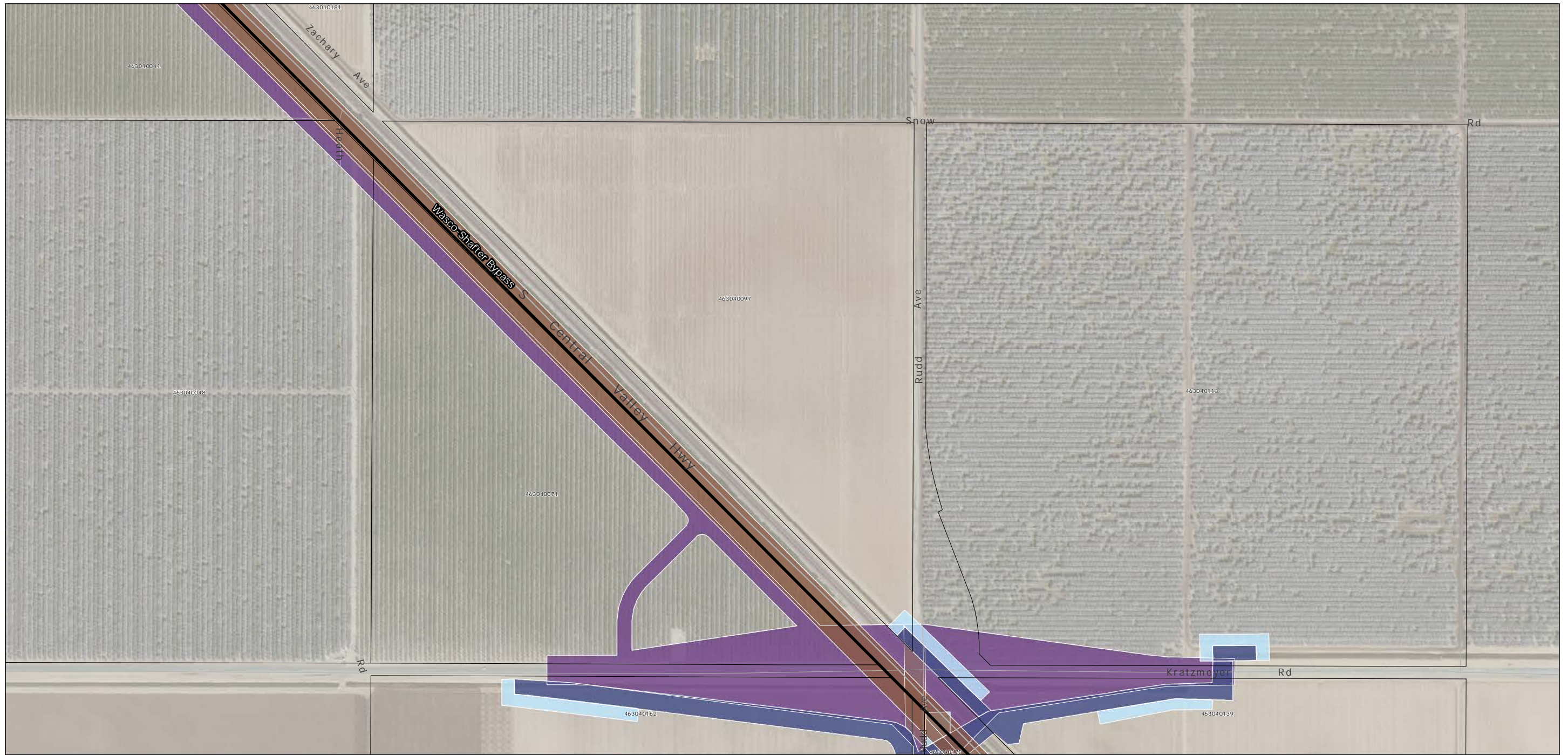
- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

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

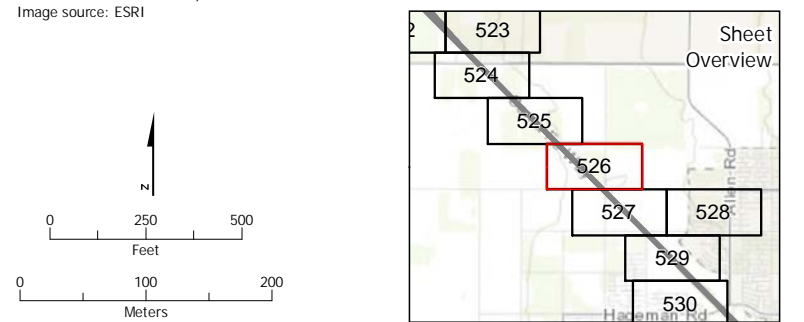
Track

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

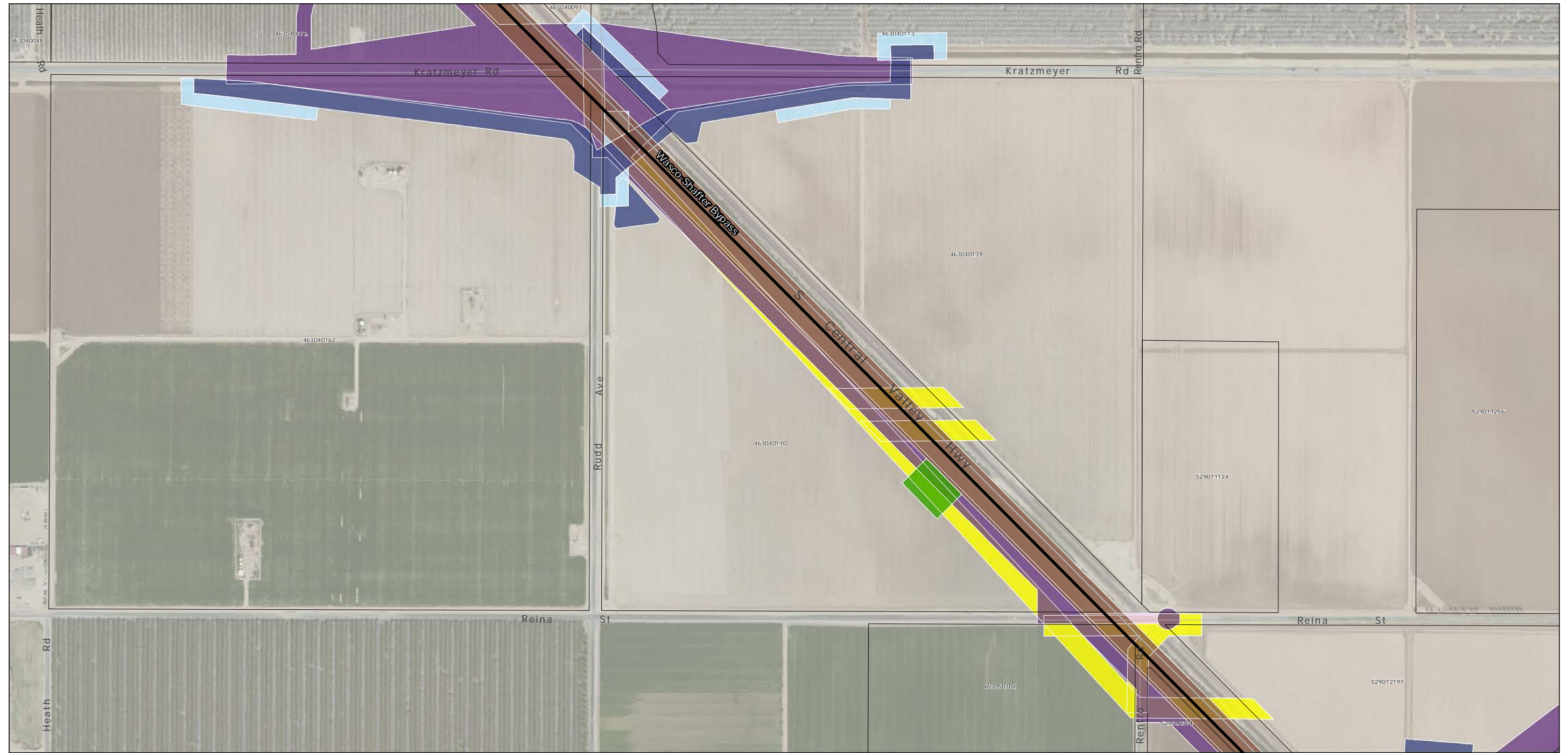


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March 19, 2014

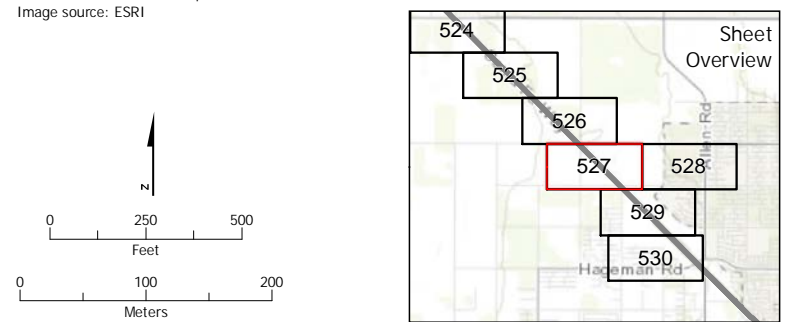


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <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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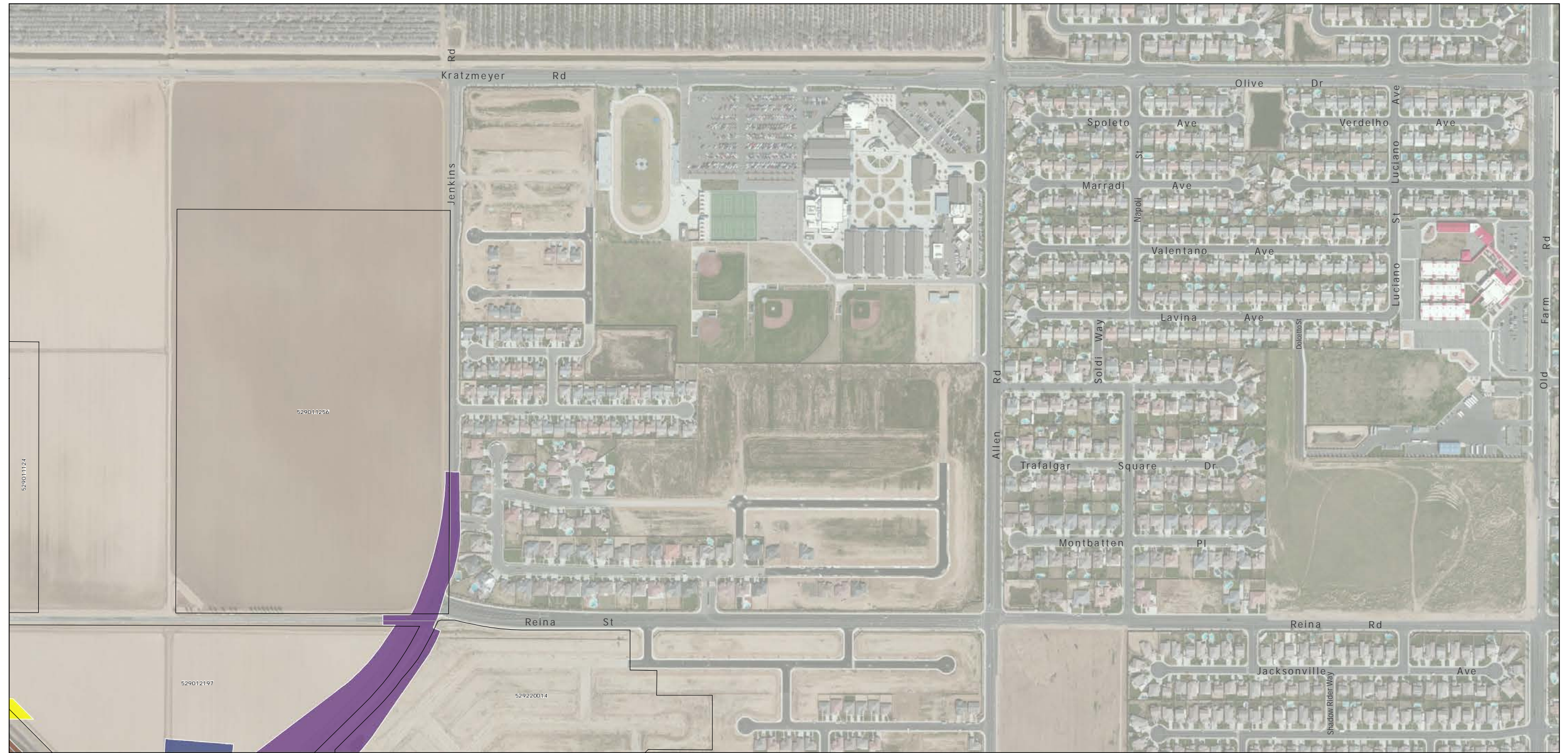


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March 19, 2014

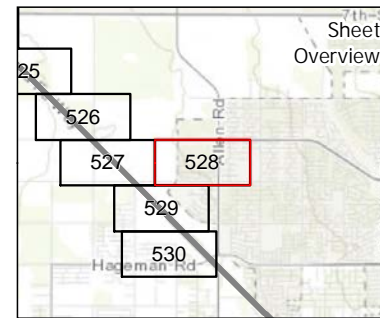
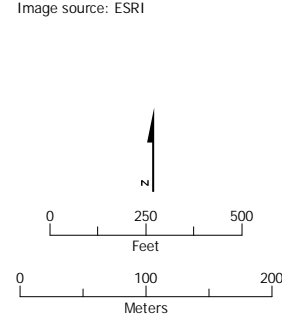


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

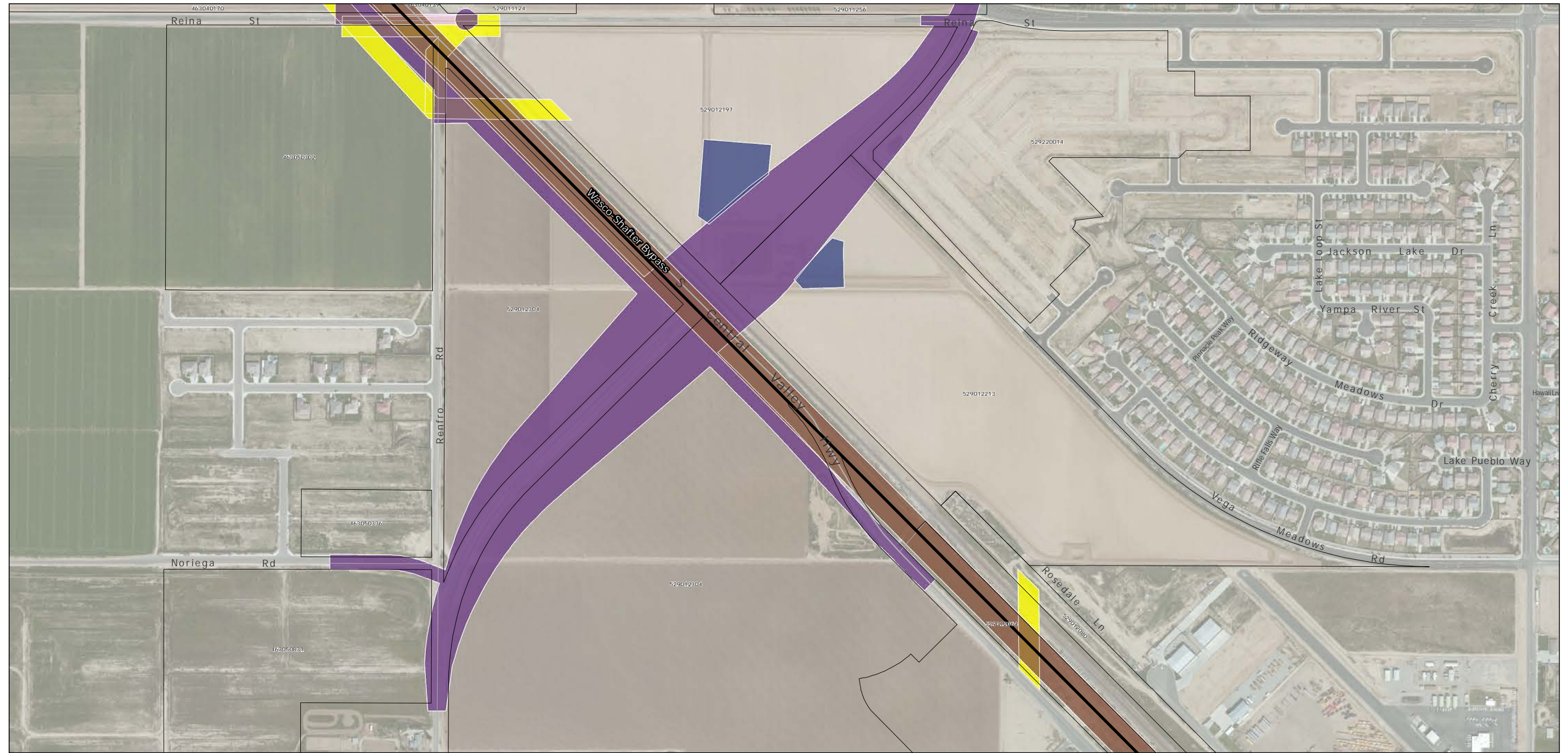


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

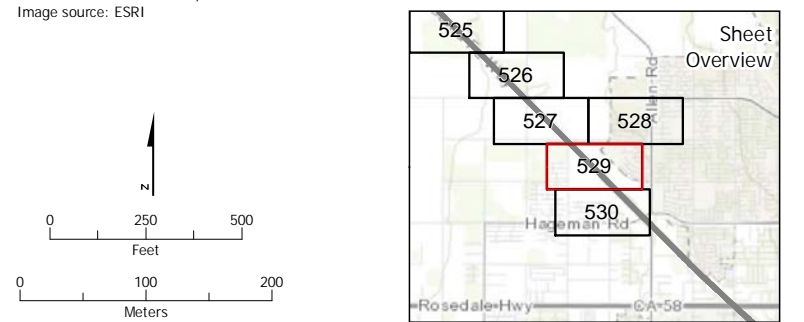
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- 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

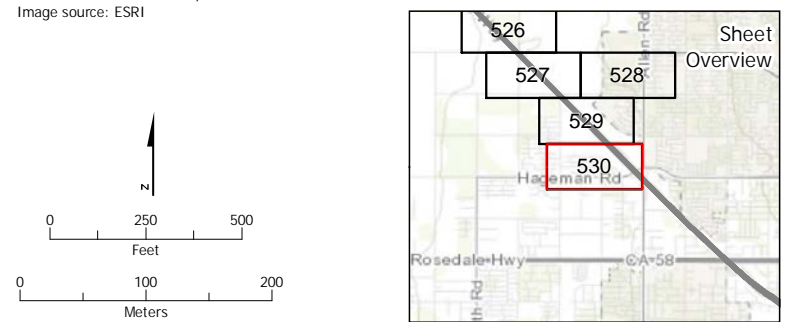


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| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <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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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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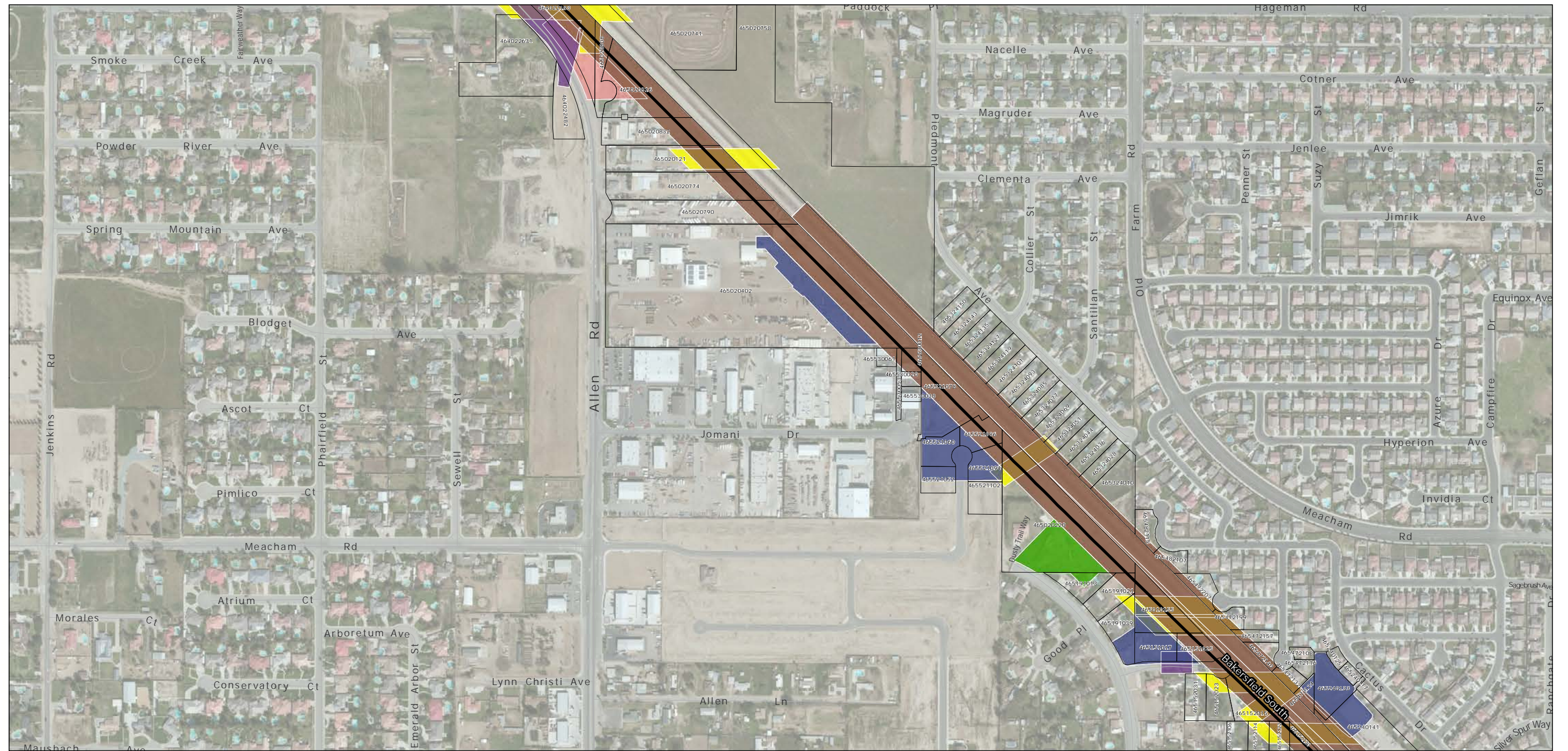


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 Image source: ESRI

March 19, 2014

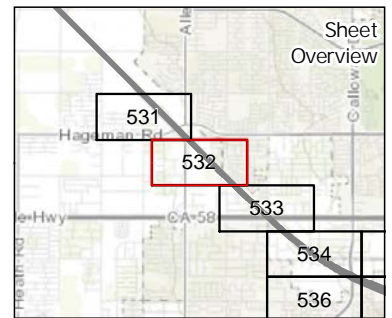
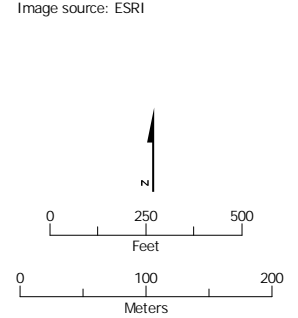


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

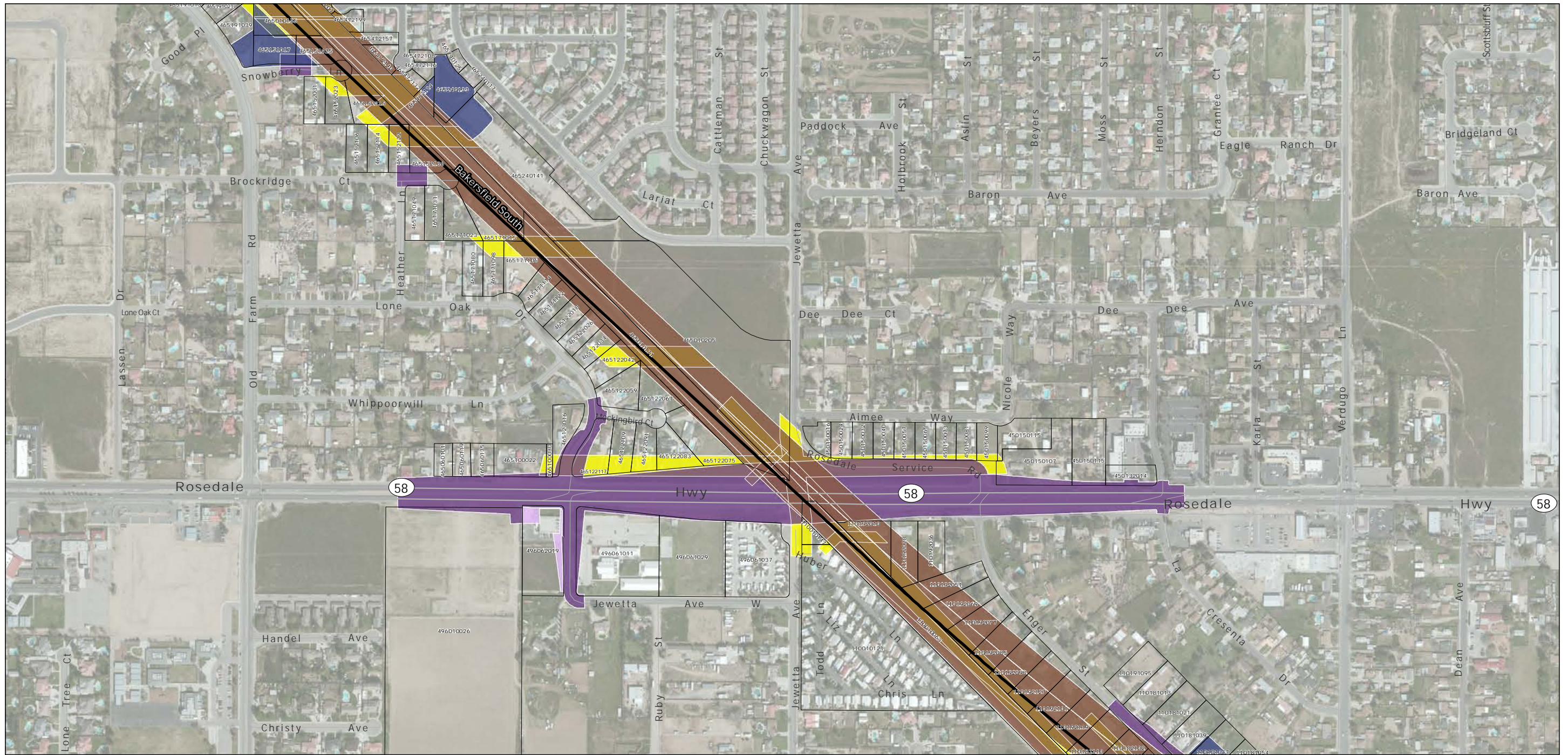


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March 19, 2014



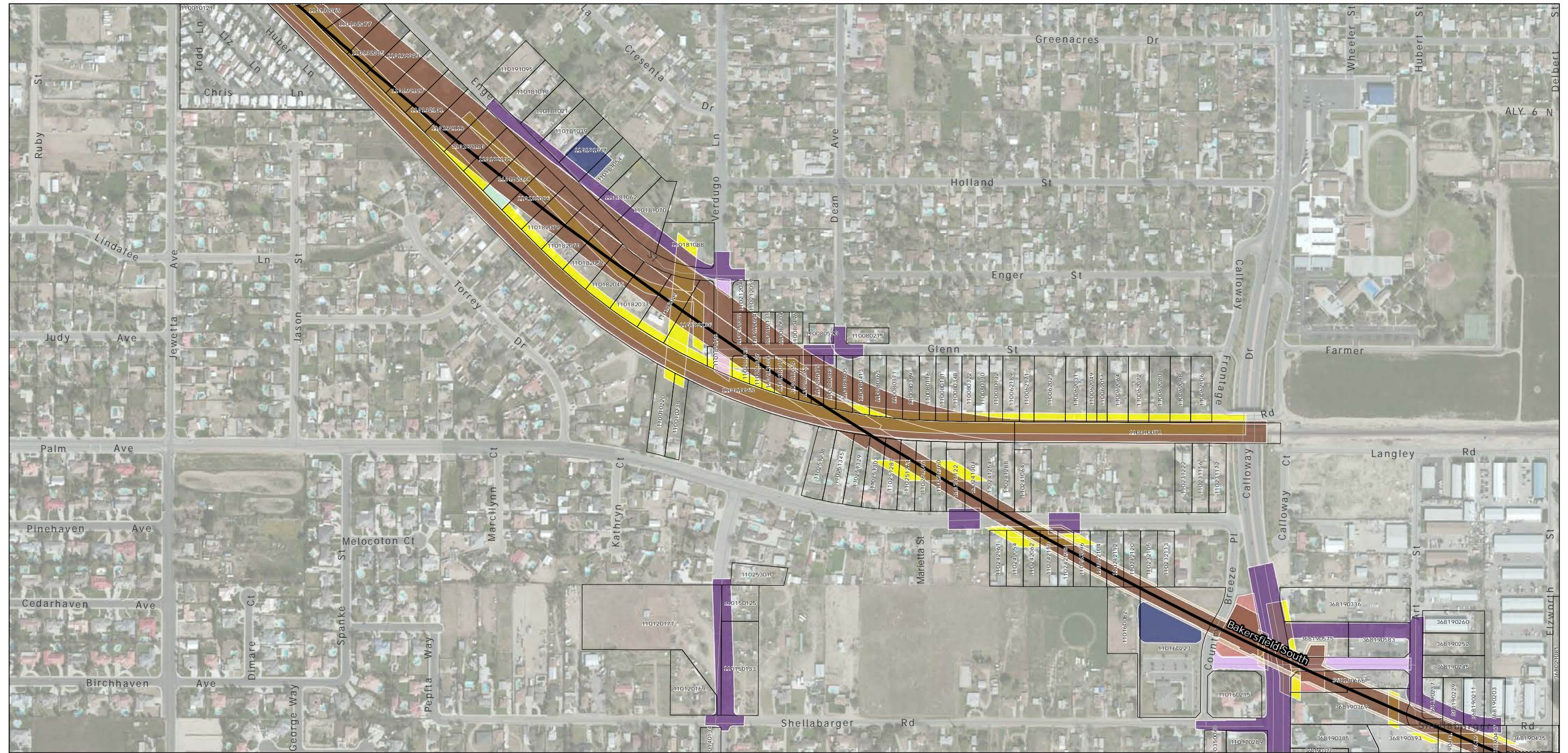
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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <ul style="list-style-type: none"> Construction area <ul style="list-style-type: 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) |
|---|---|--|--|



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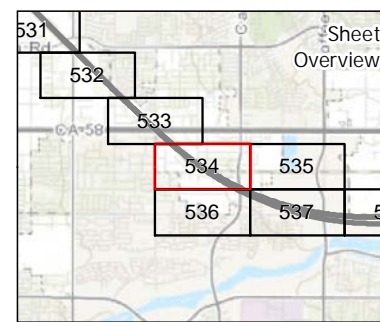
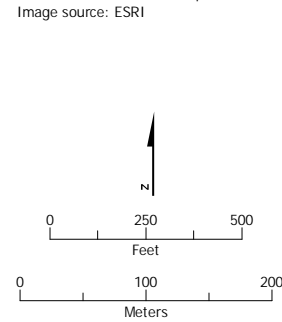
March 19, 2014

<ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station 	<p>Project footprint by category type</p> <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
 Image source: ESRI

March 19, 2014

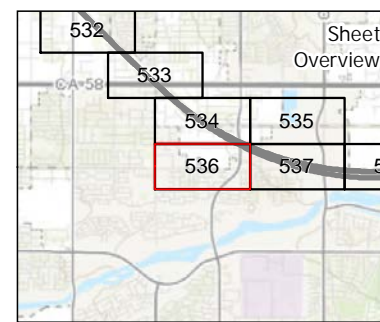
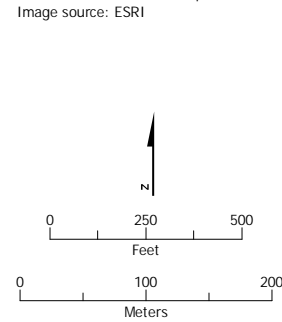


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area
 - Temporary
 - Roadway
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**
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- Track**
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 - Temporary (construction easement)



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

March 19, 2014

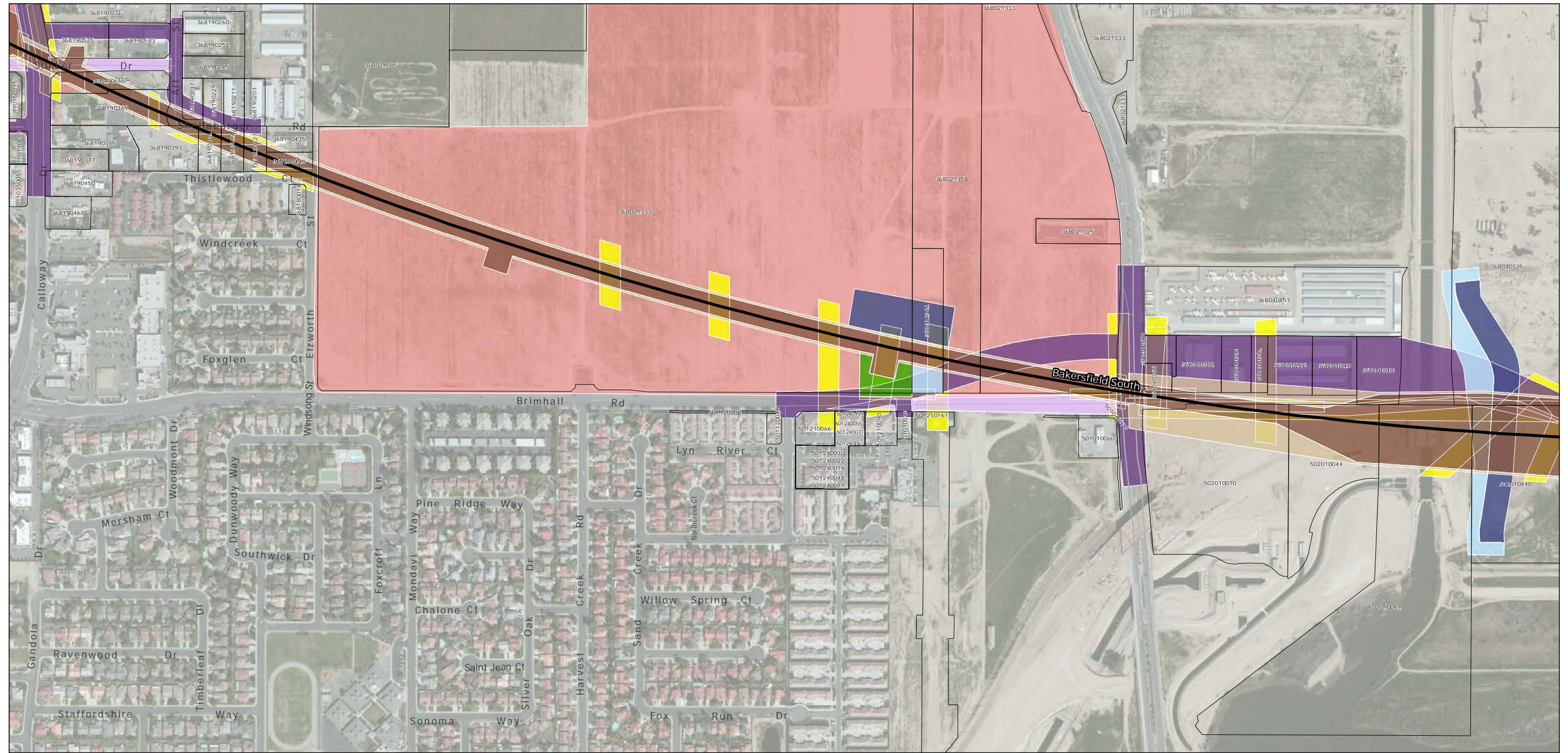


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- Project footprint by category type**
- Construction area
 - 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)
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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

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

Hydrology

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

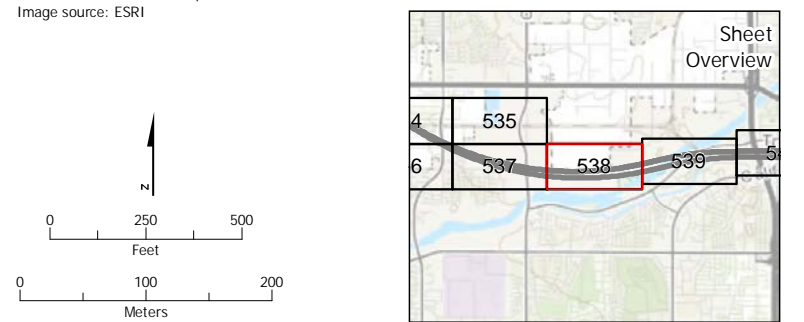
Track

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

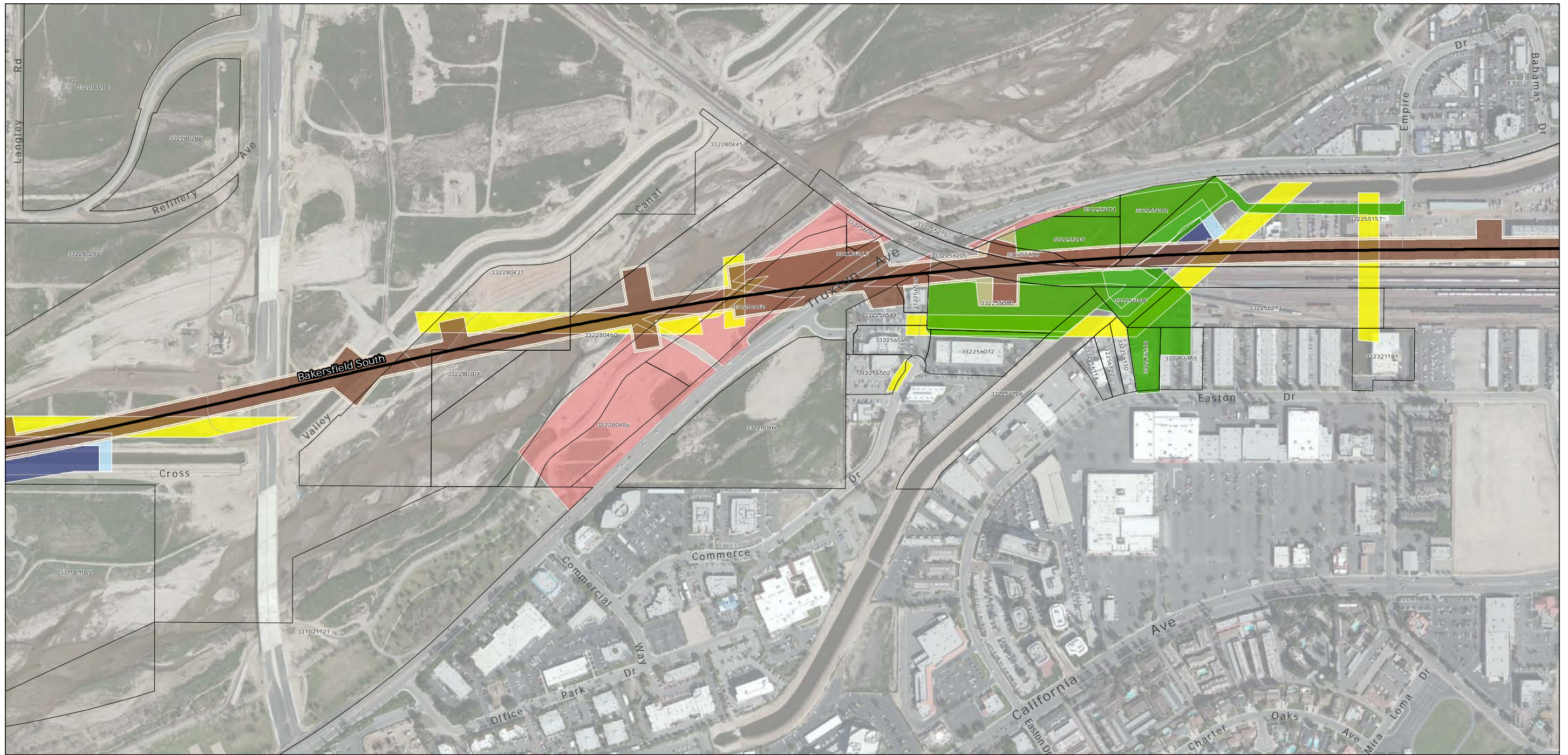


Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

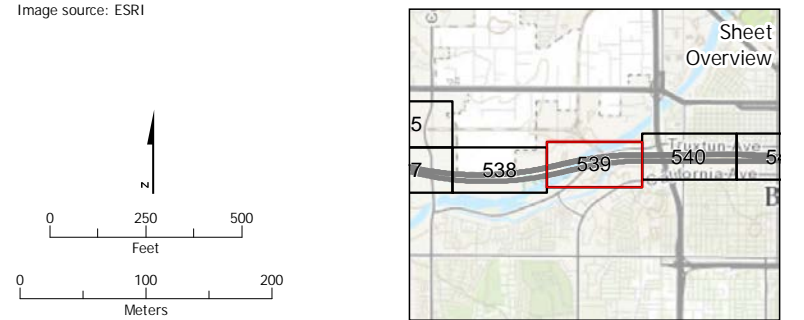


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
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- Project footprint by category type**
- Construction area
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 - Roadway
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-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

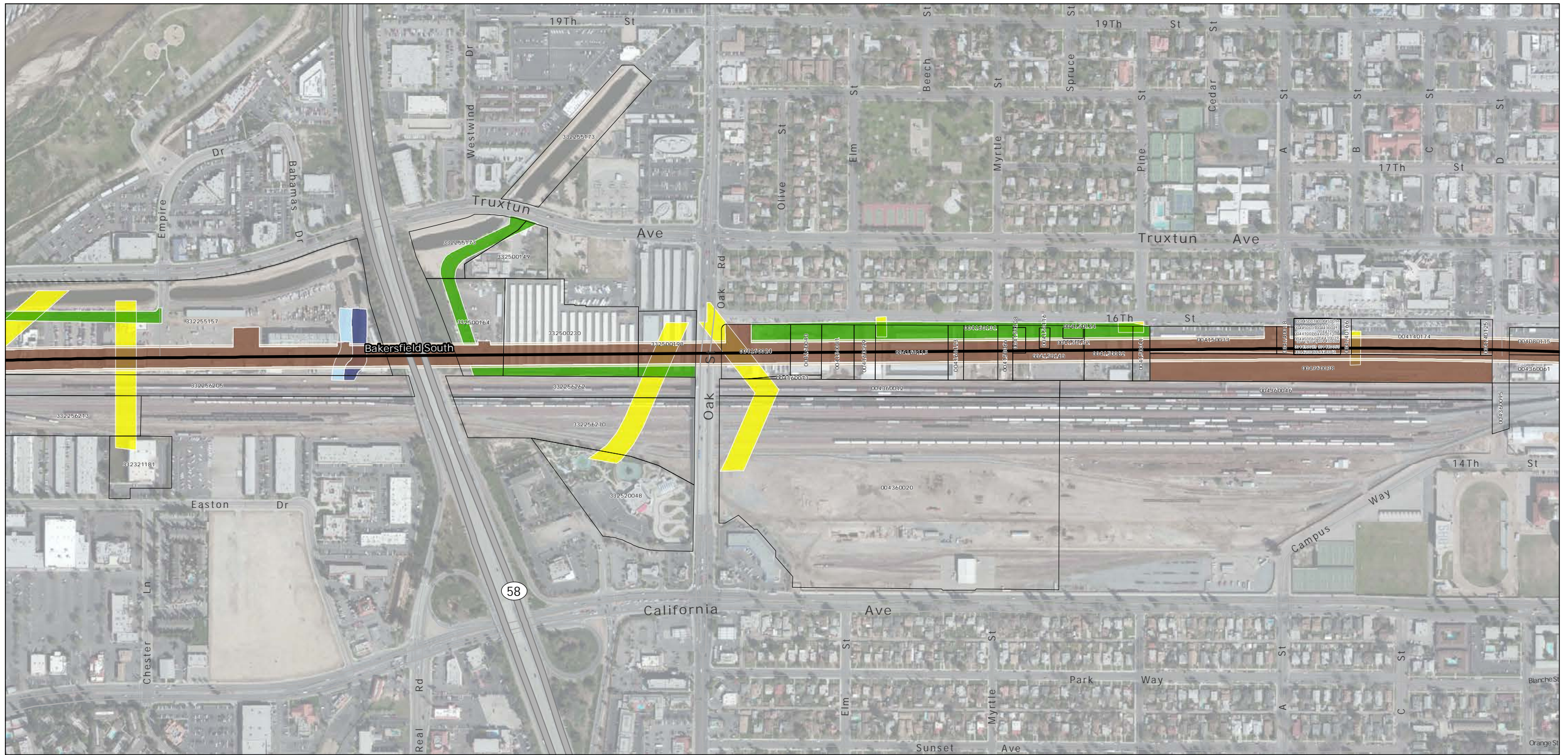


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March 19, 2014



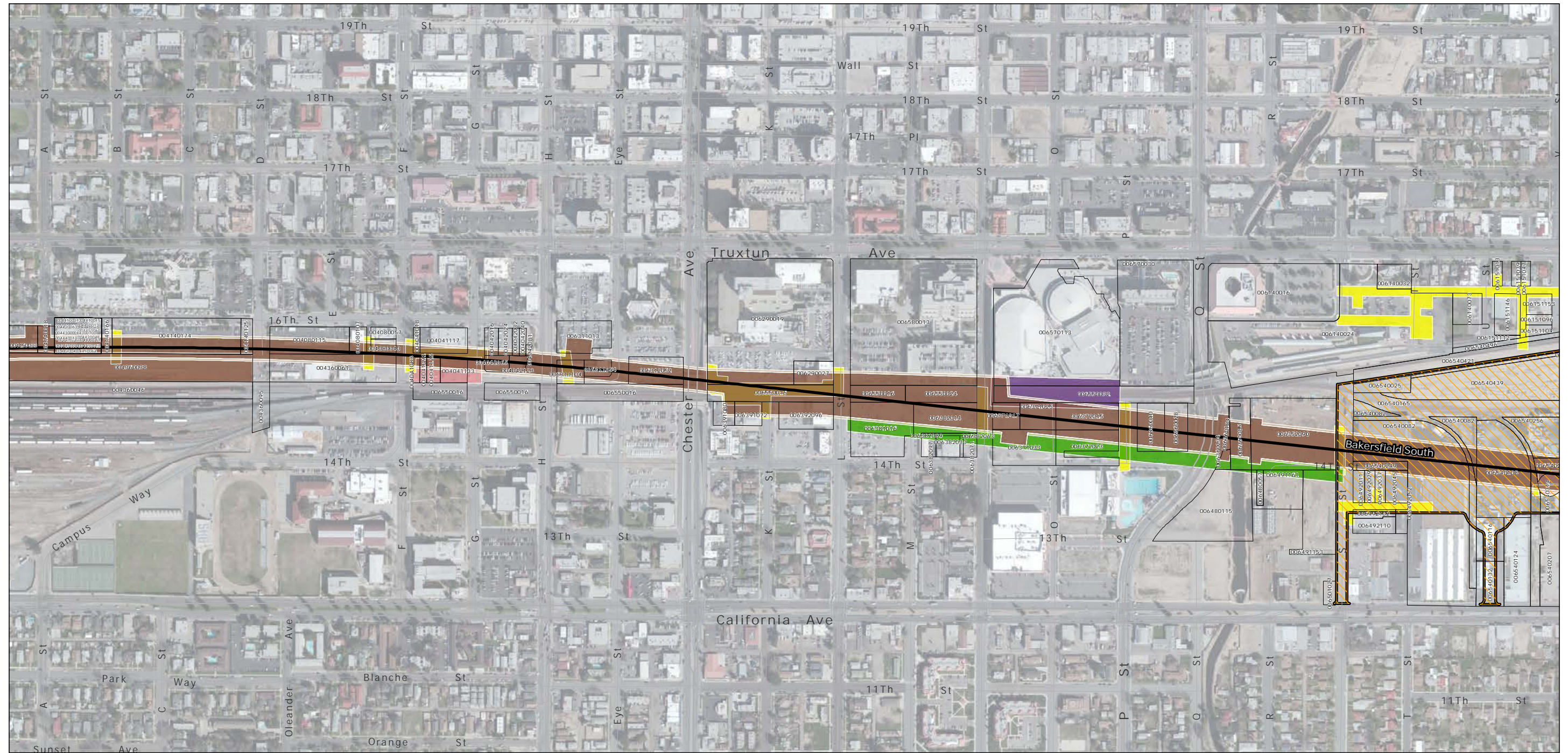
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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <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

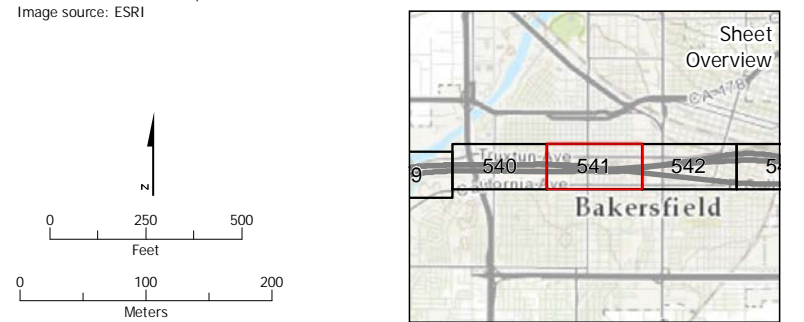
March 19, 2014

<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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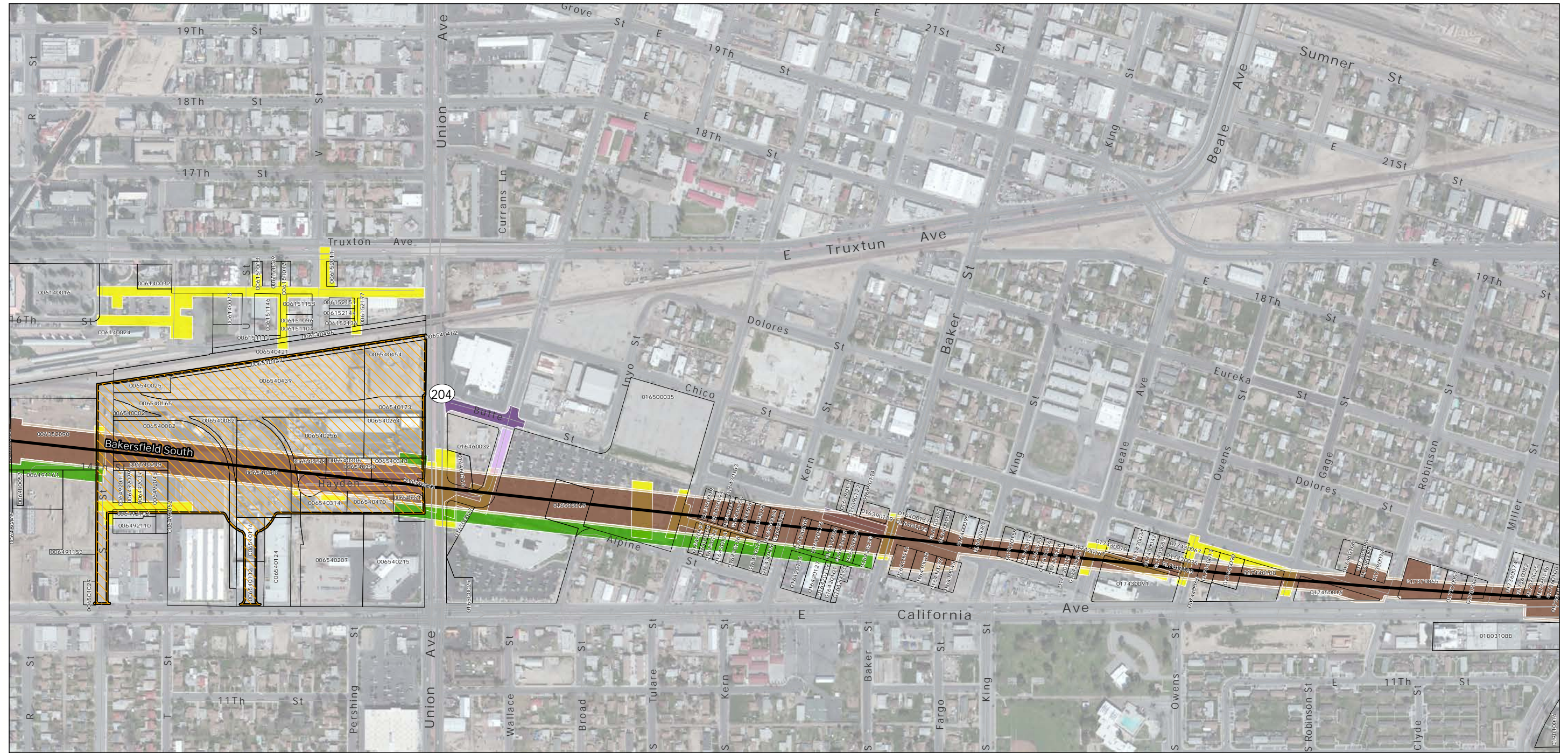


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 Image source: ESRI

March 19, 2014

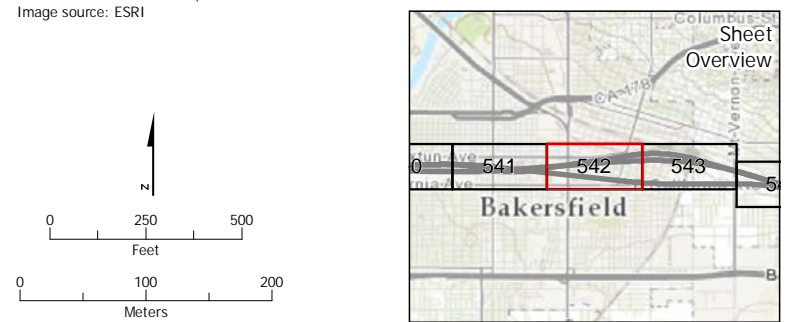


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area
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Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

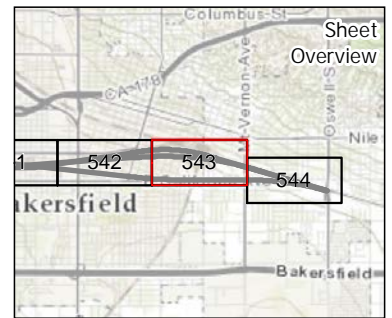
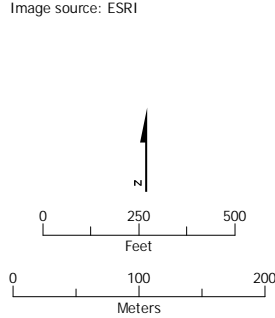


- Alternative alignments
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 - Permanent (underpass/overpass, access road)
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 - Temporary (construction easement)
- Hydrology**
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 - Temporary (construction easement)
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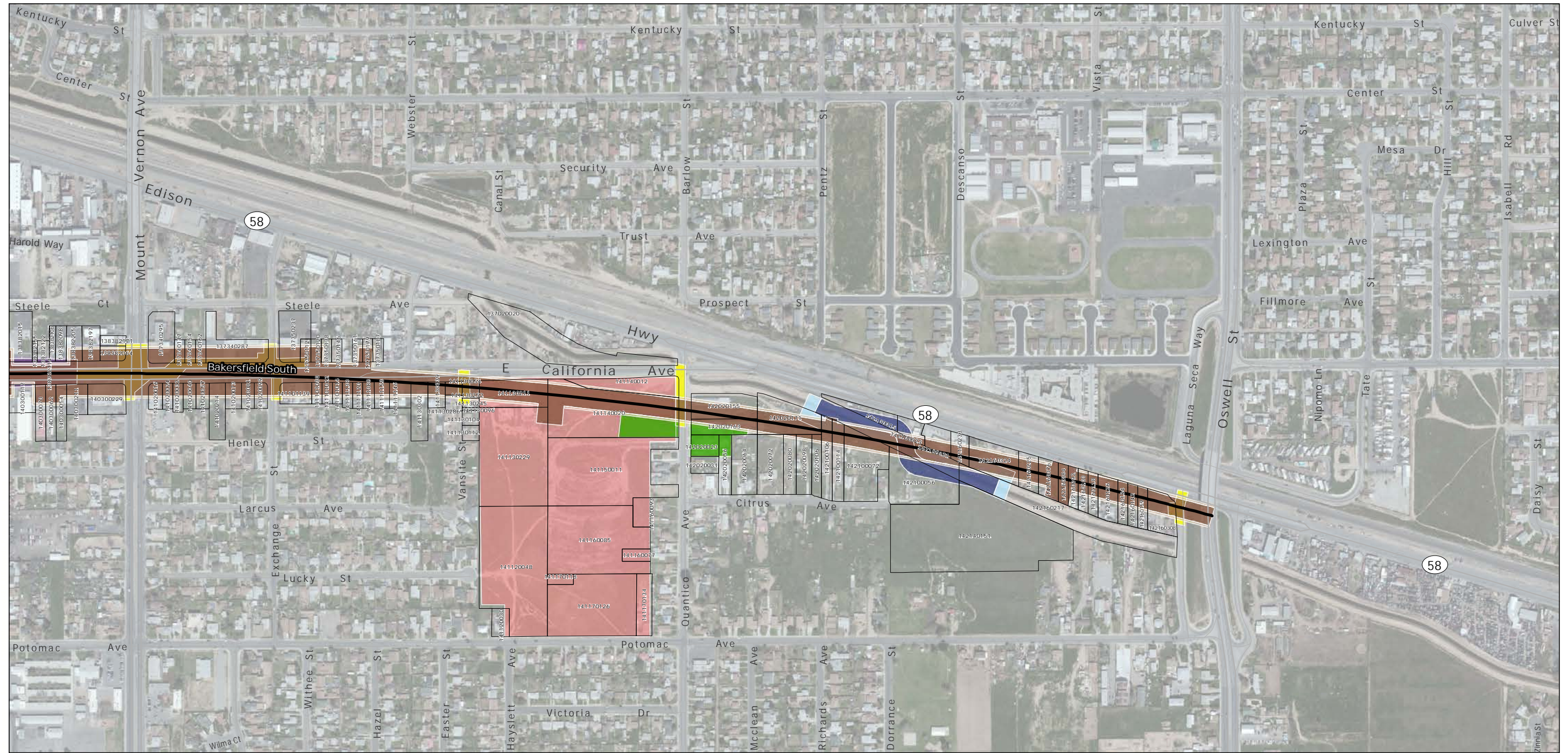


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

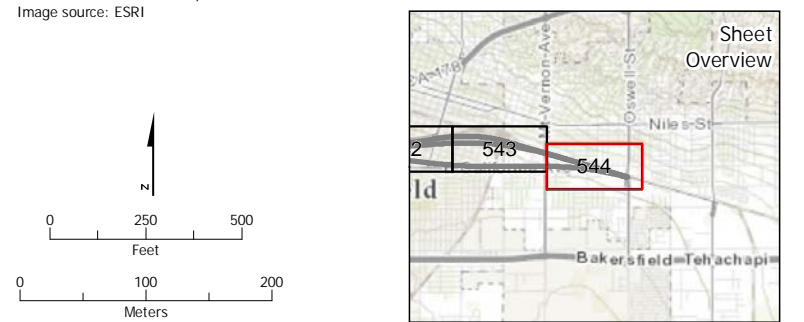


- Alternative alignments
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 - Heavy maintenance facility
 - Station
- Project footprint by category type**
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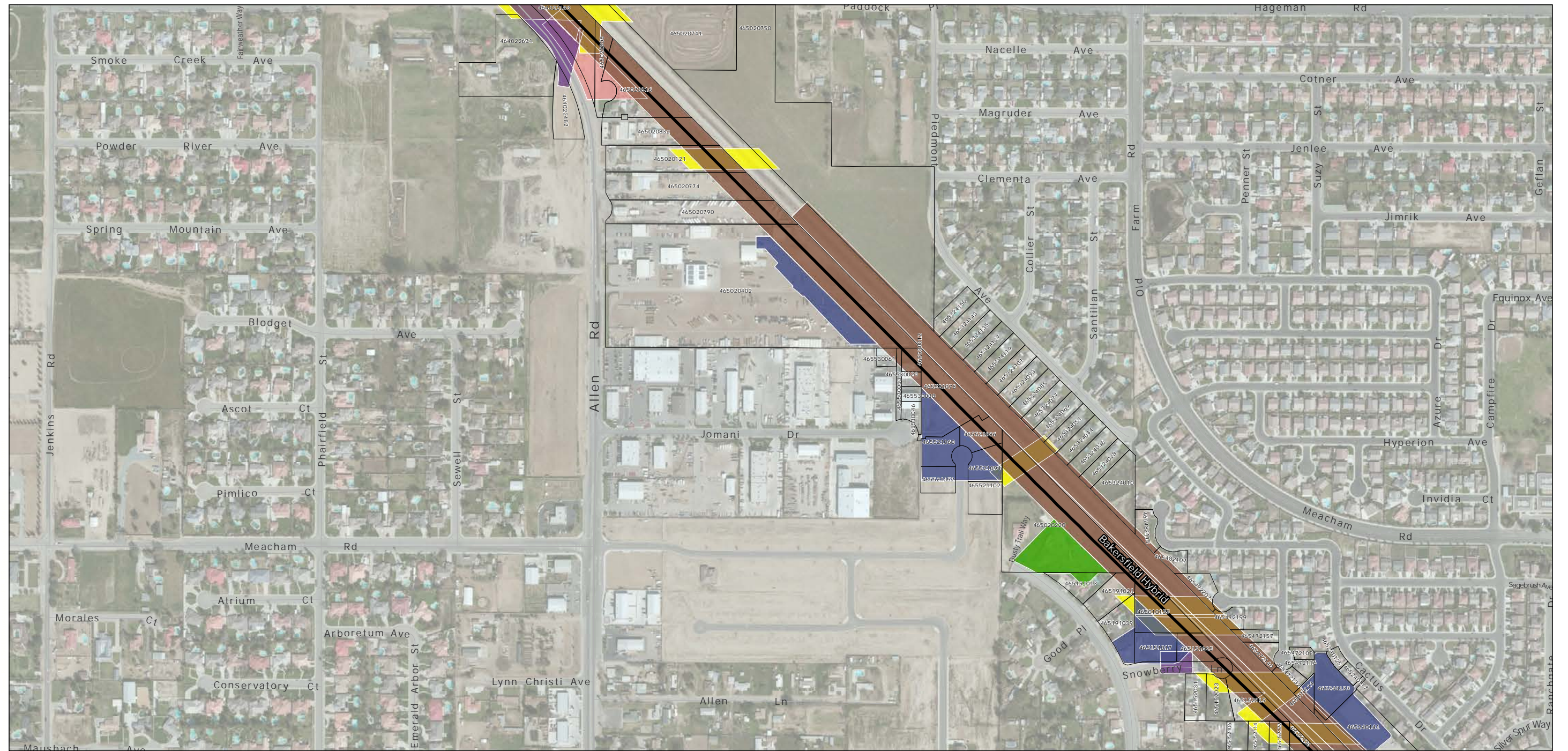


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 Image source: ESRI

March 19, 2014

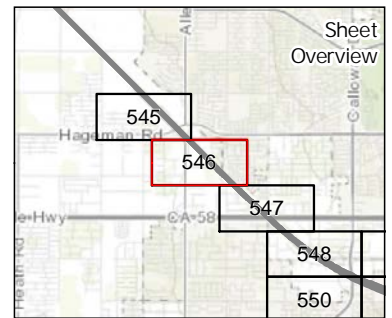
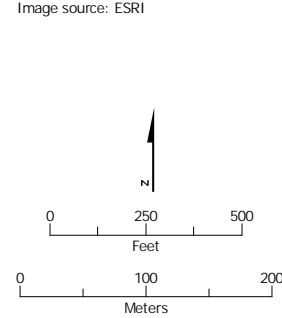


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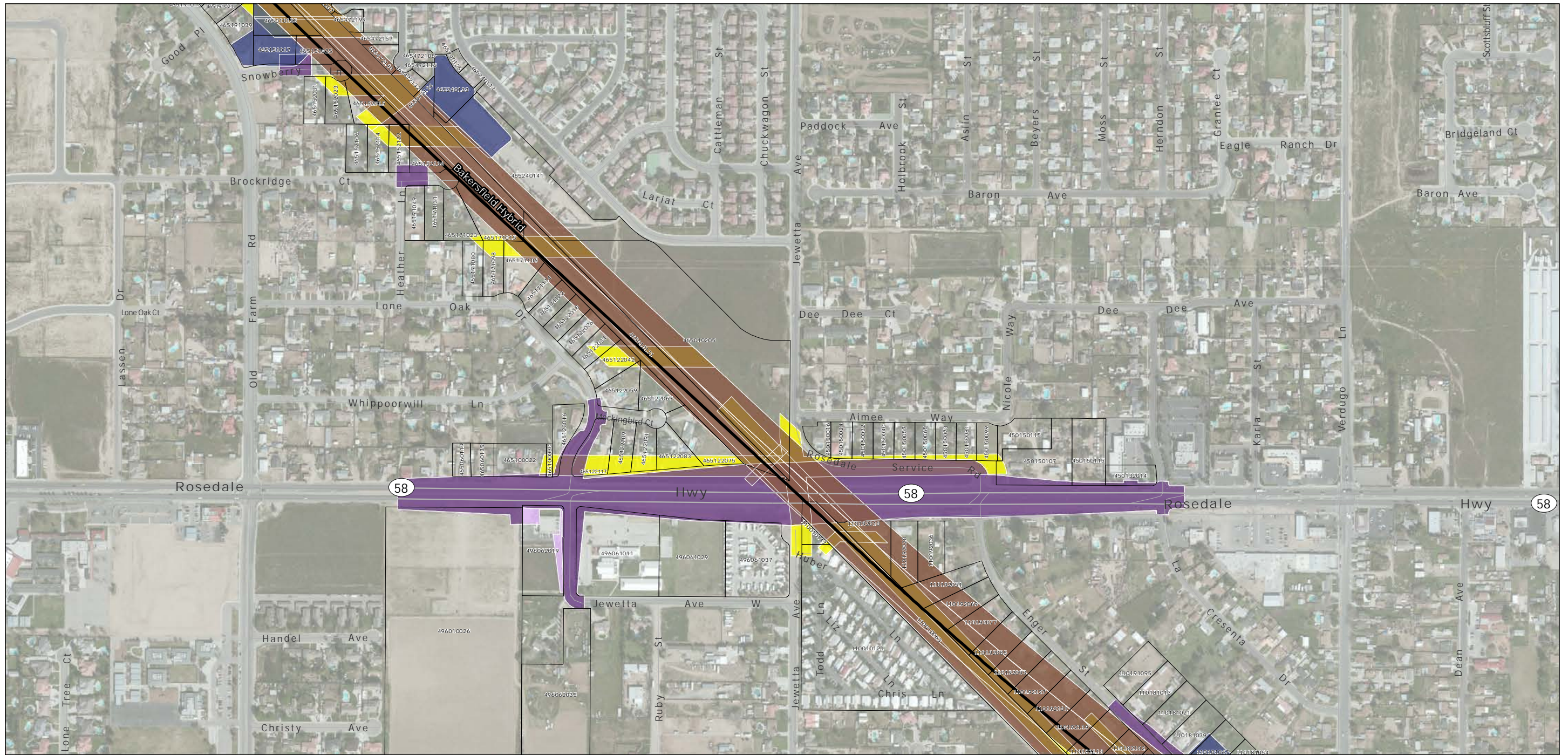


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March 19, 2014

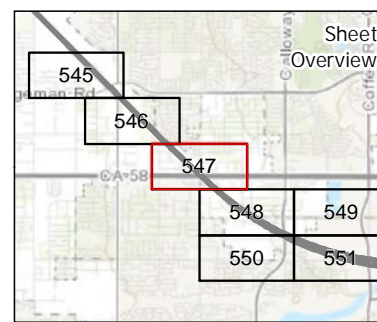
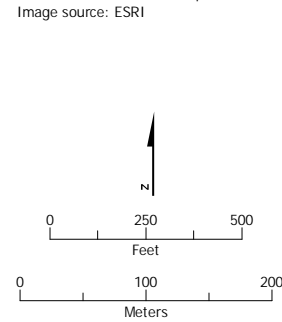


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|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <ul style="list-style-type: none"> Construction area <ul style="list-style-type: 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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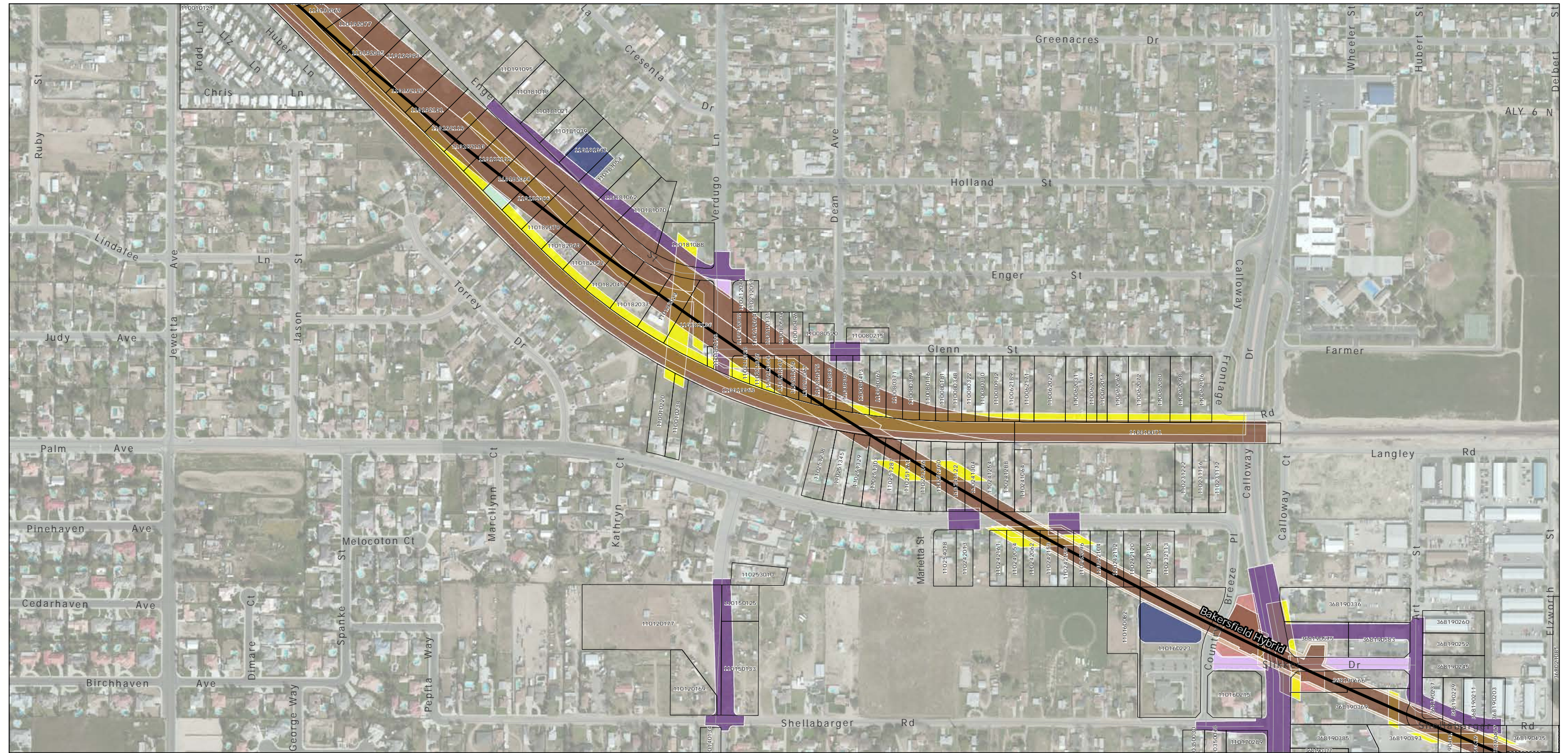


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March 19, 2014

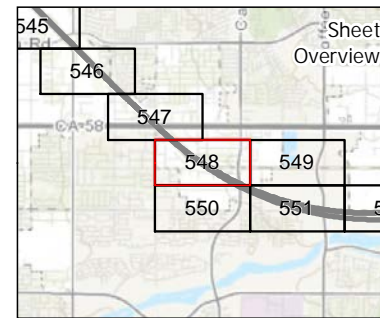
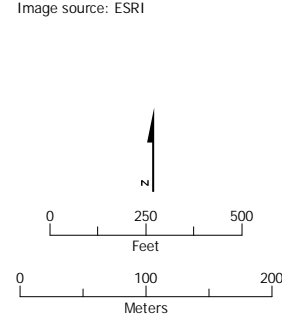


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Data source: URS/HMM/Arup JV, 2014
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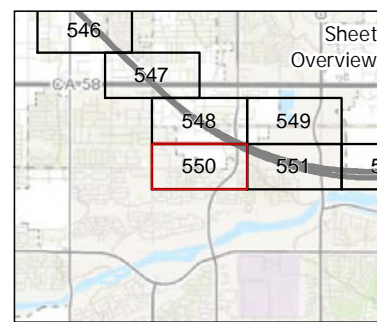
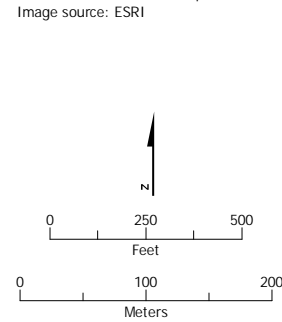


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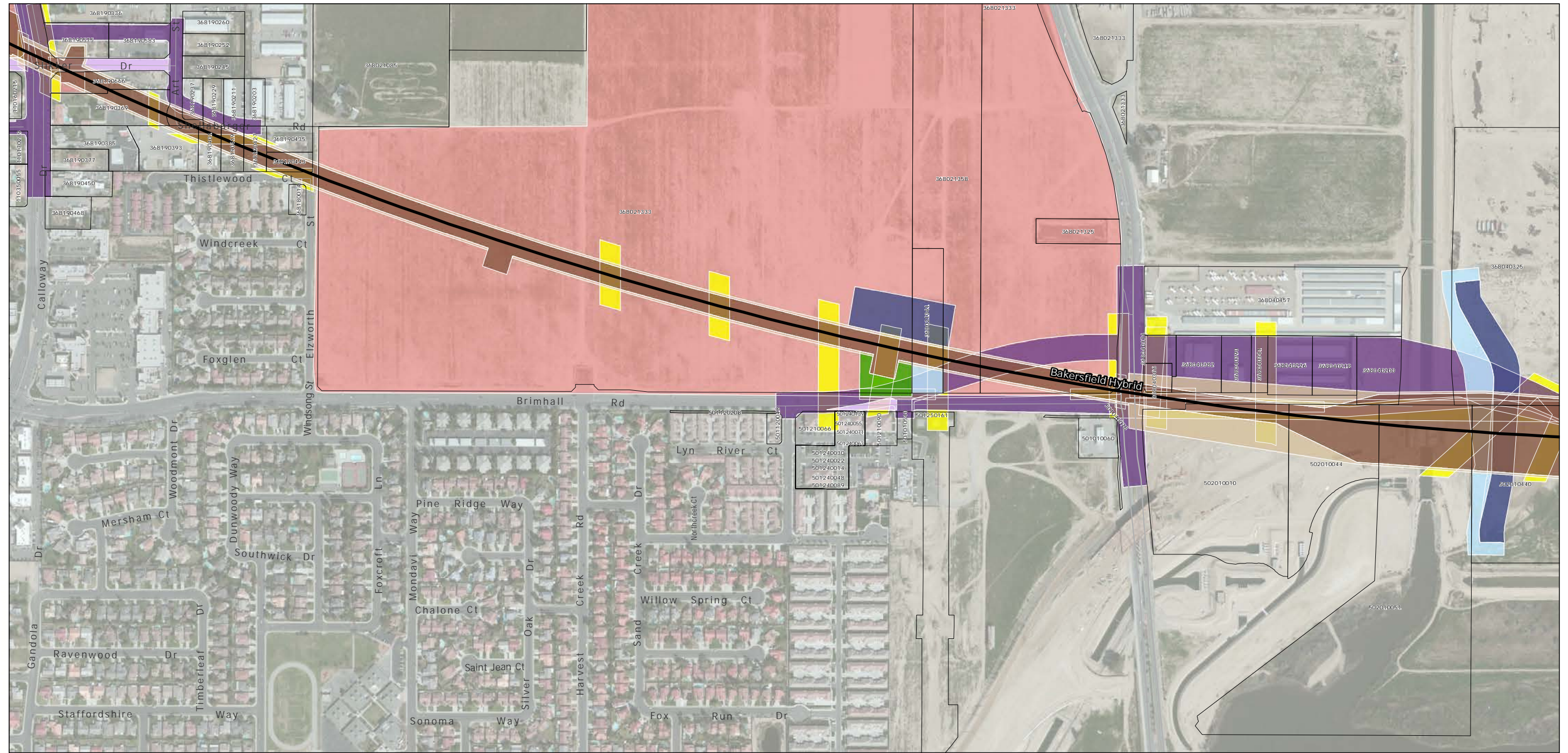


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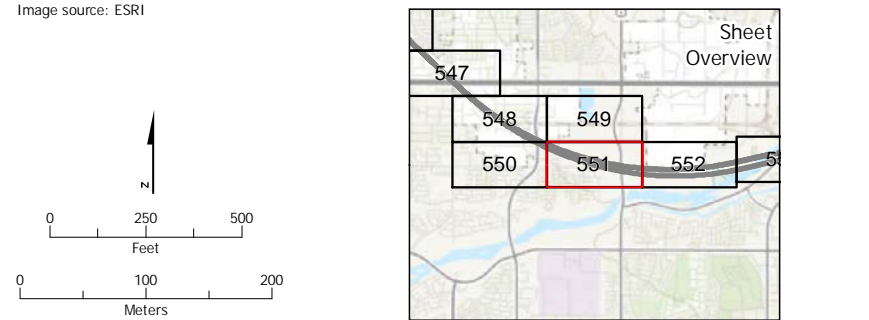


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Data source: URS/HMM/Arup JV, 2014
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March 19, 2014

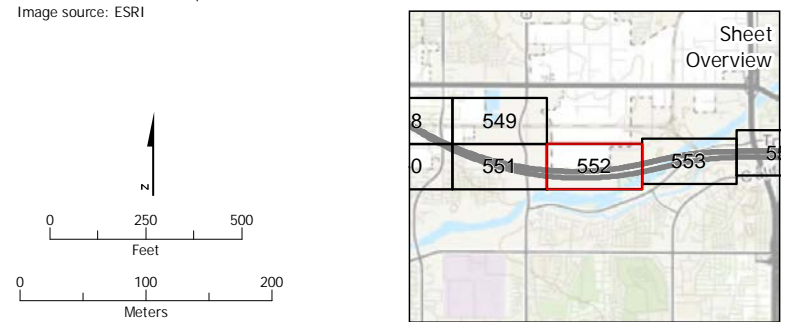


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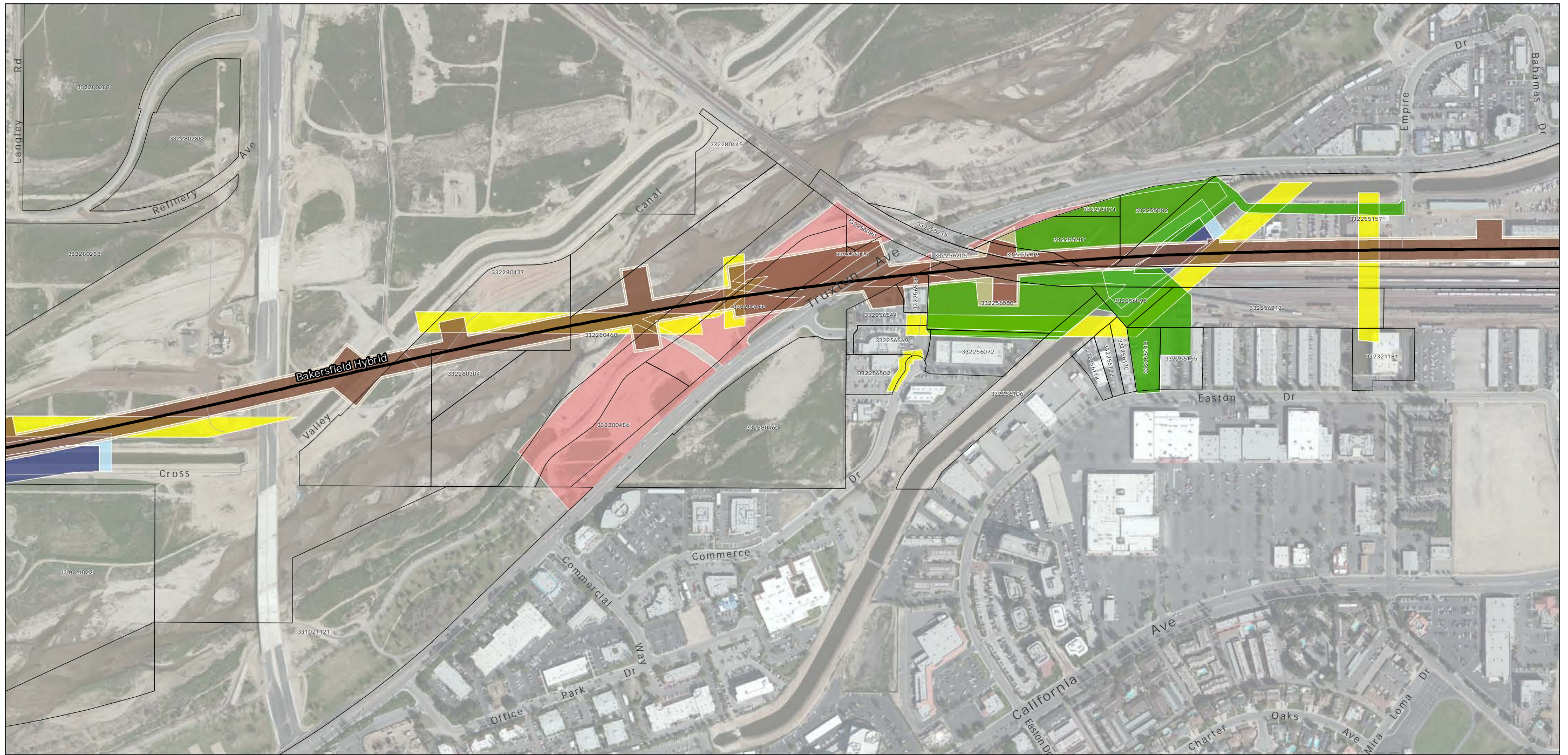


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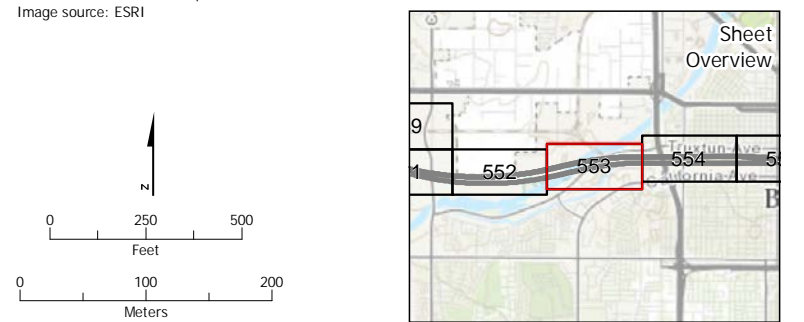


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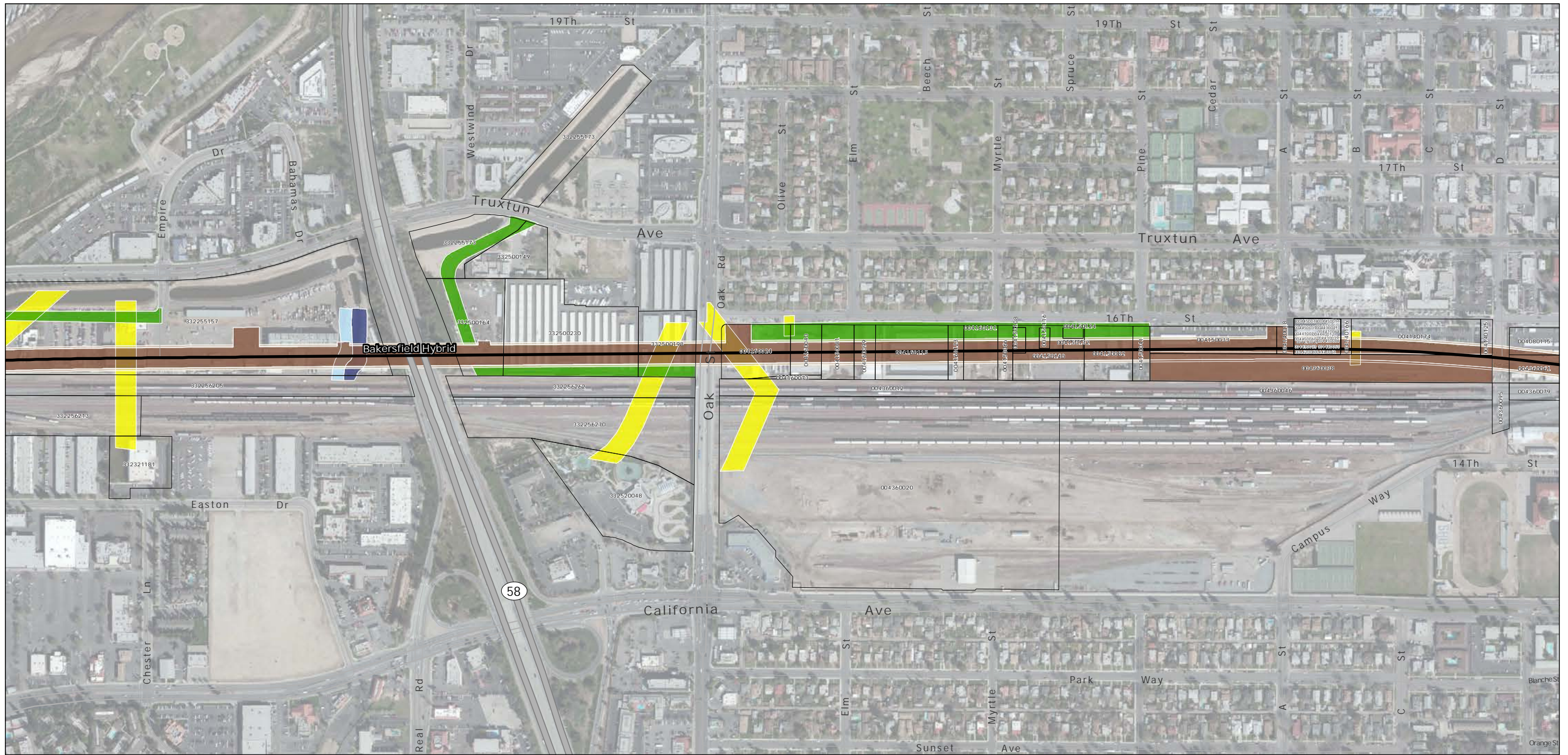


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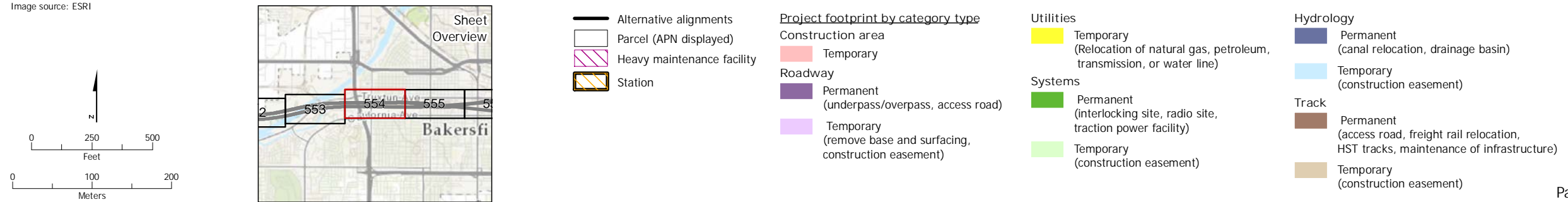


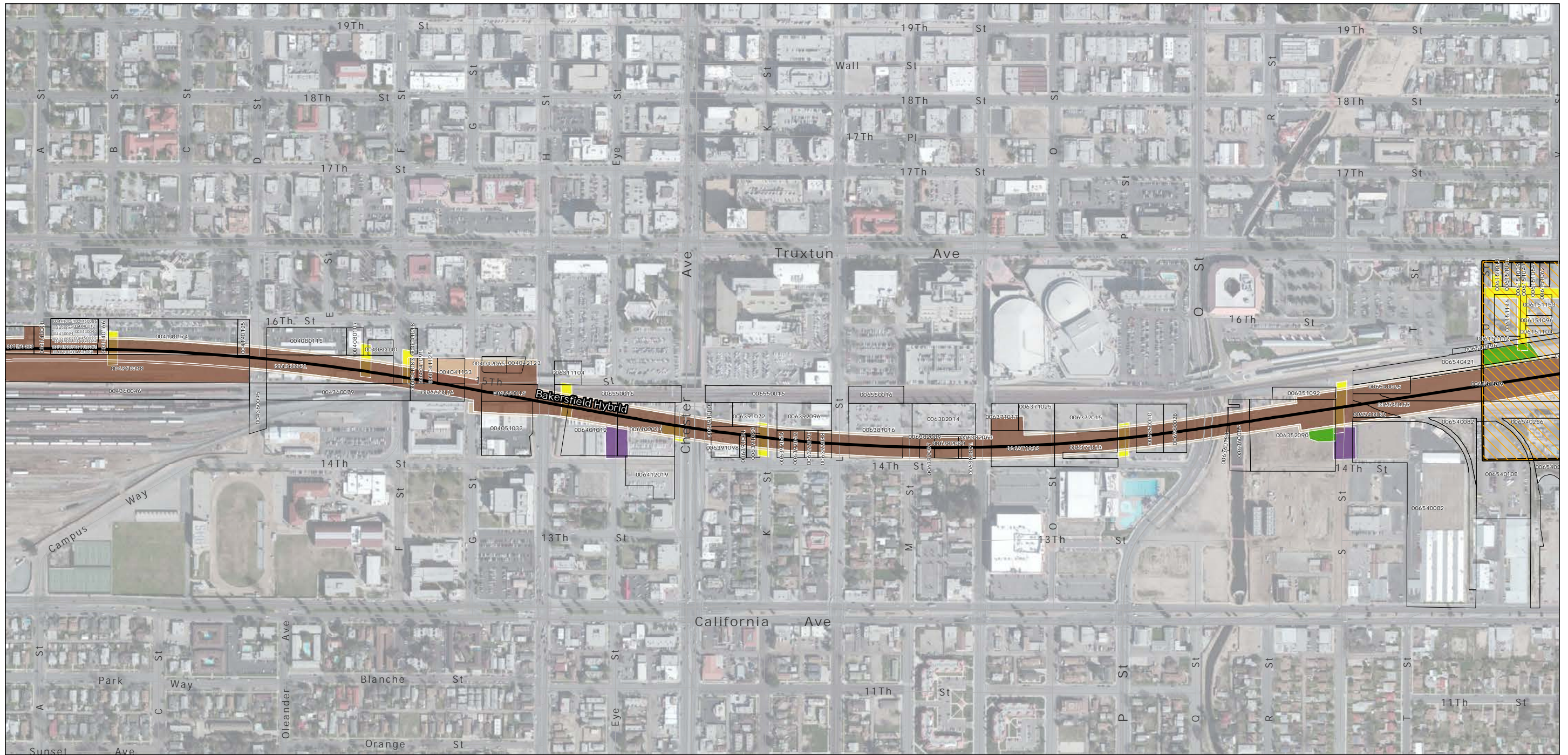
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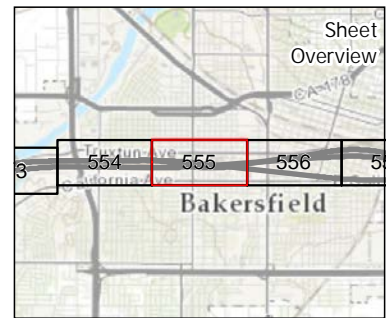
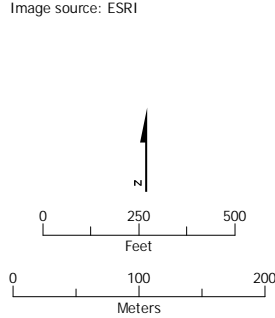
March 19, 2014





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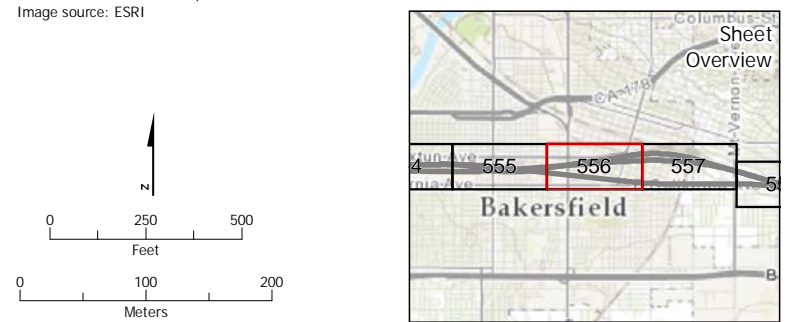


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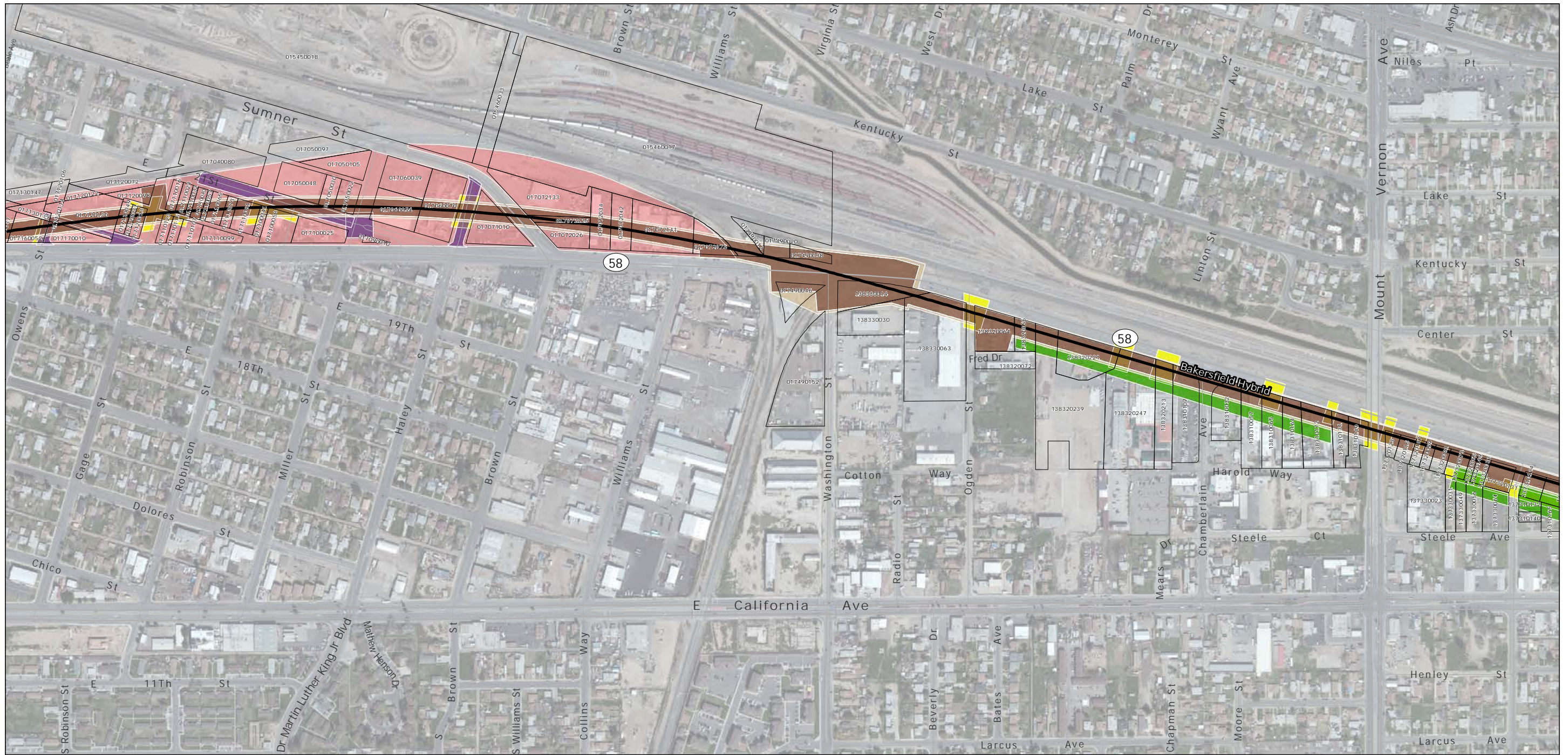


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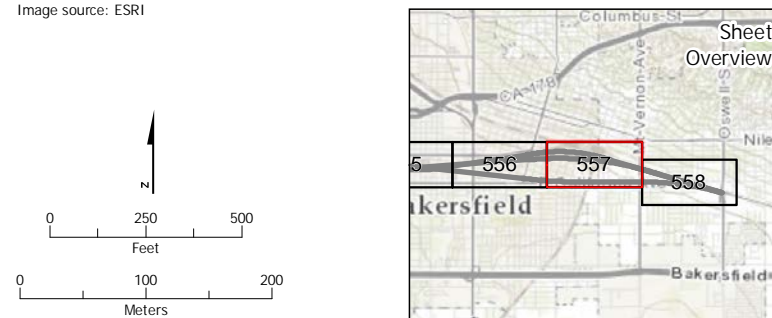


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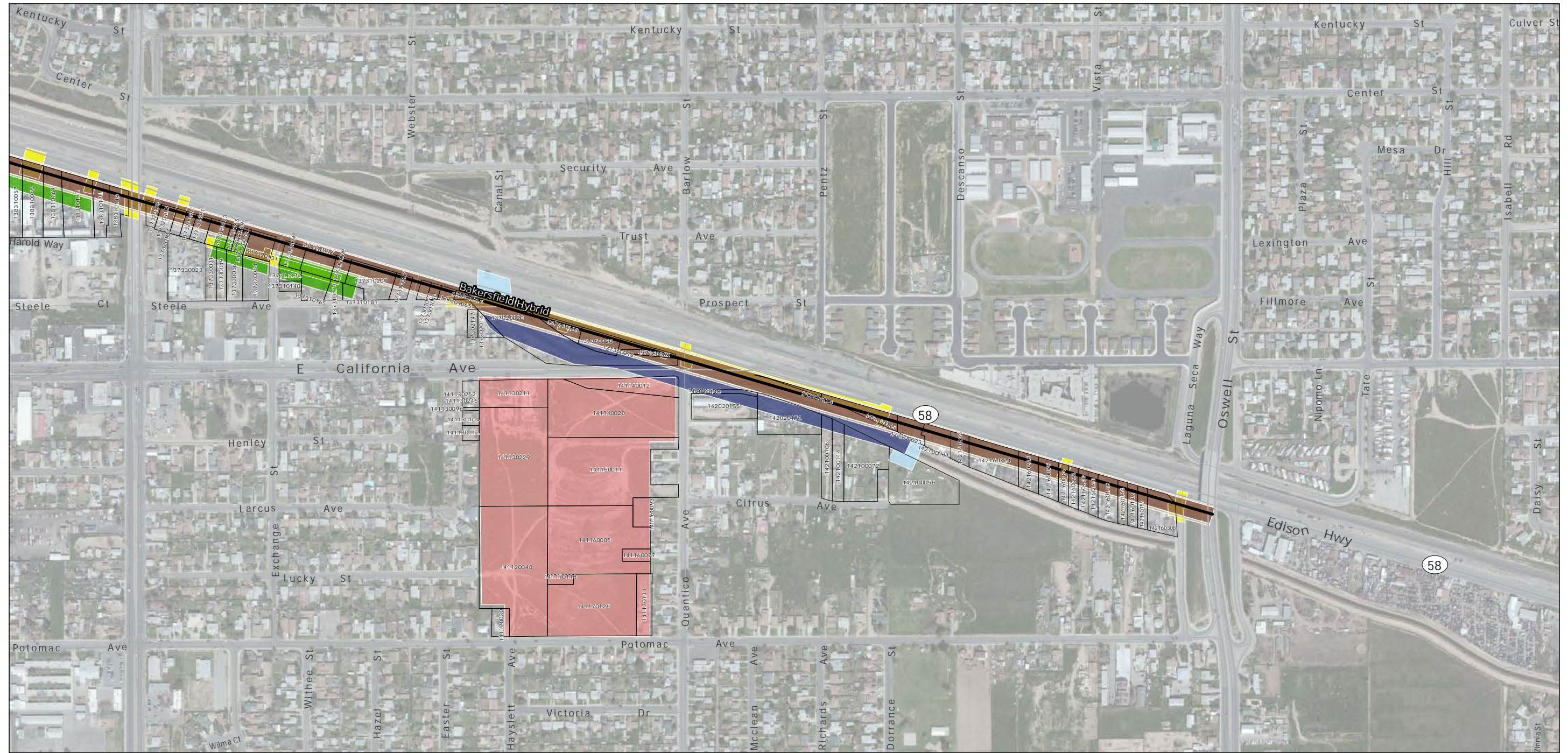


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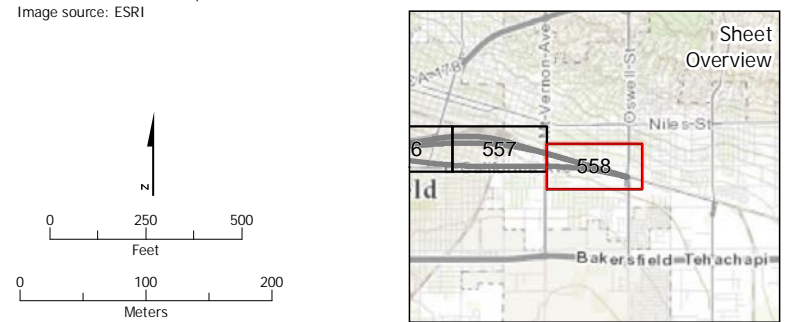


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