

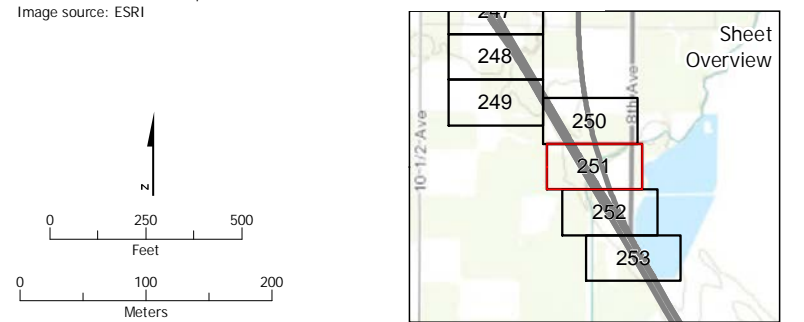
NOTE: Description of graphics/pictures in this document are all the same. They are described as follows:

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

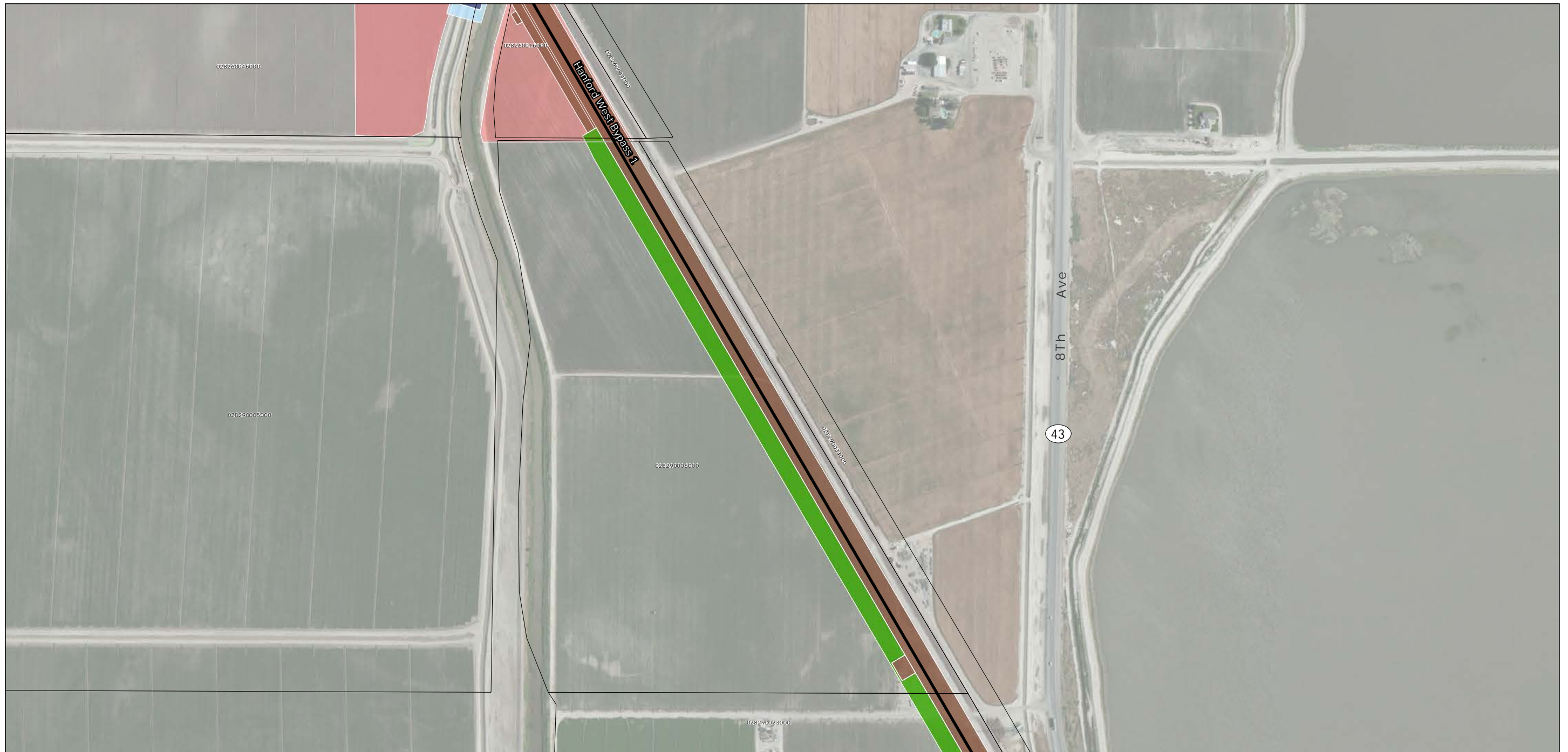


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014



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



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



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

March 19, 2014

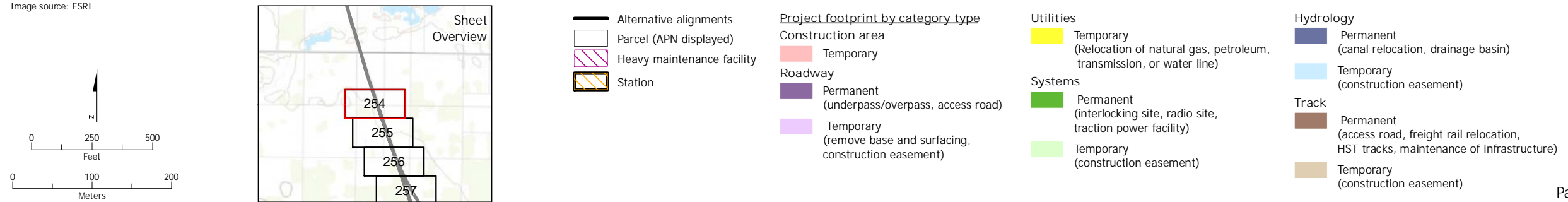


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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



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

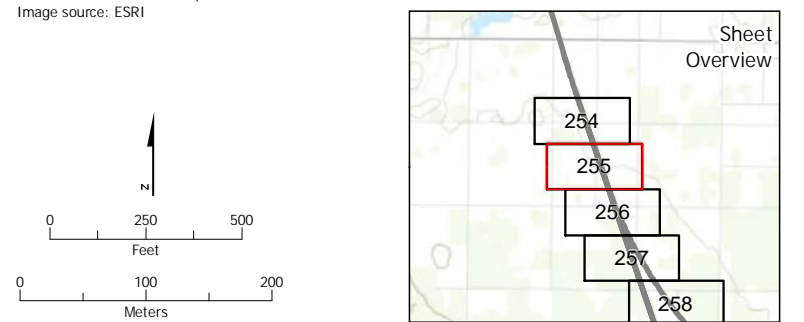
March 19, 2014



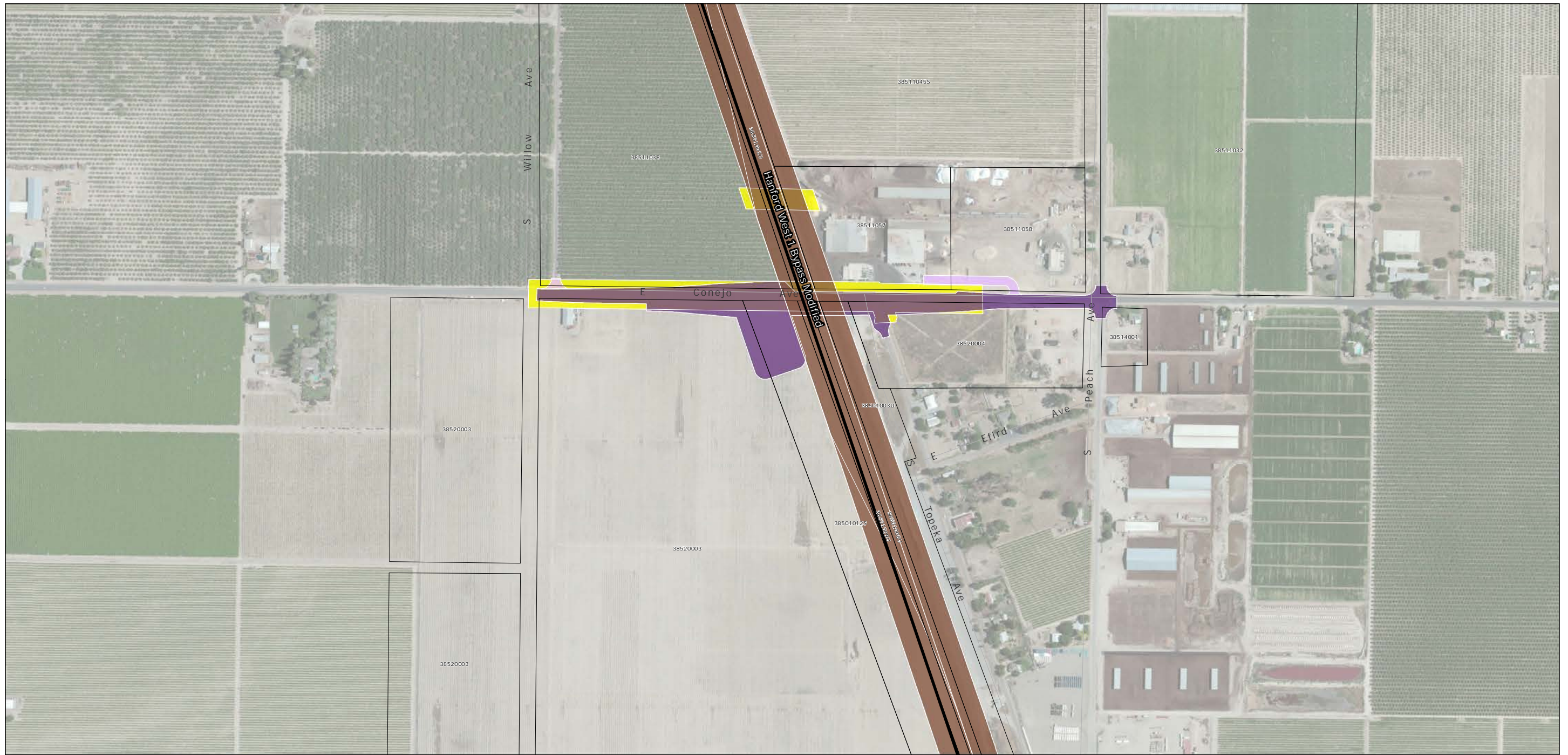


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

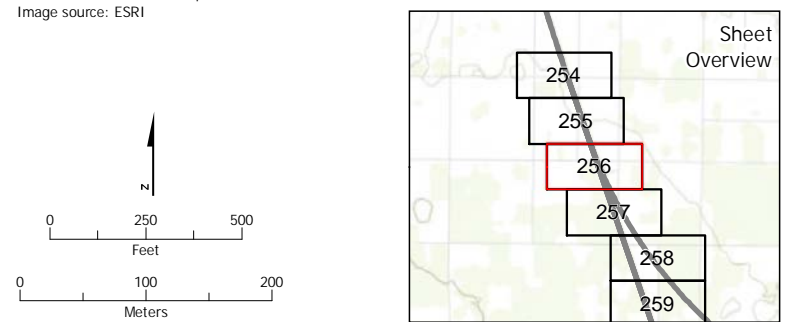


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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

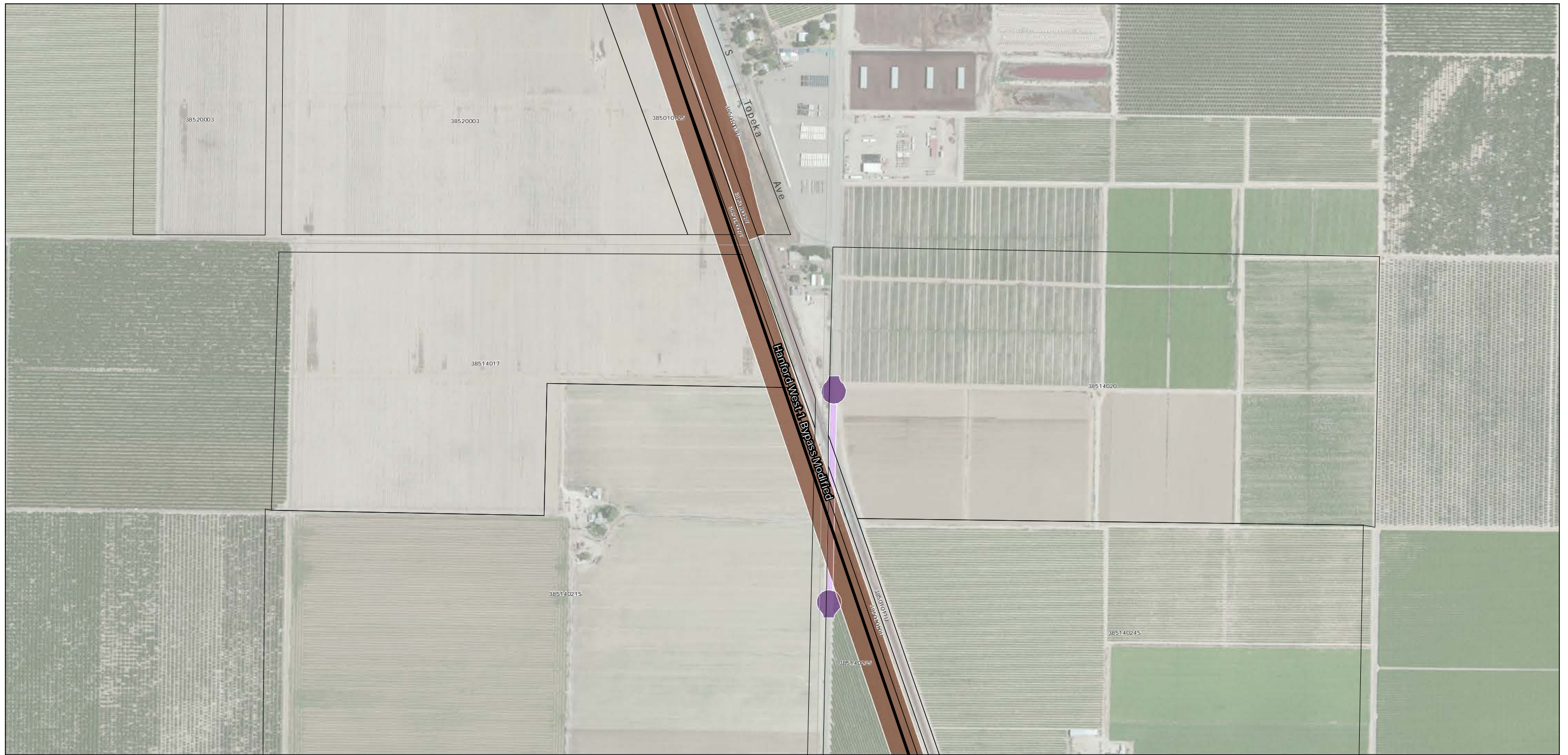


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

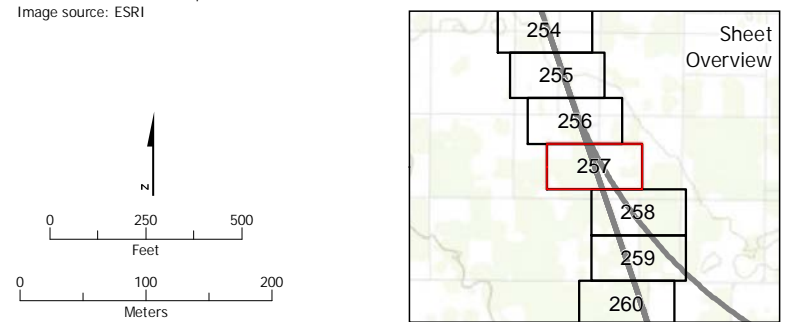


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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



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

March 19, 2014

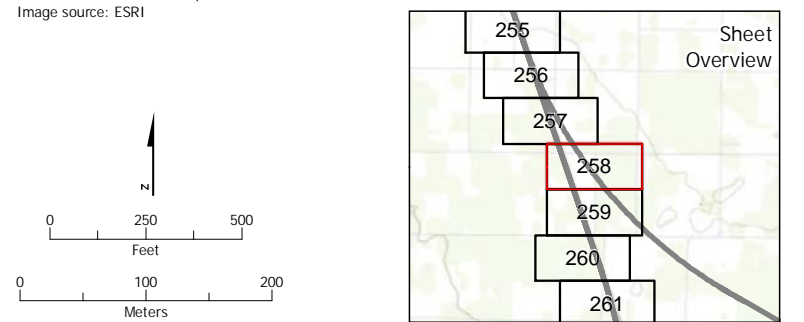


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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



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

March 19, 2014

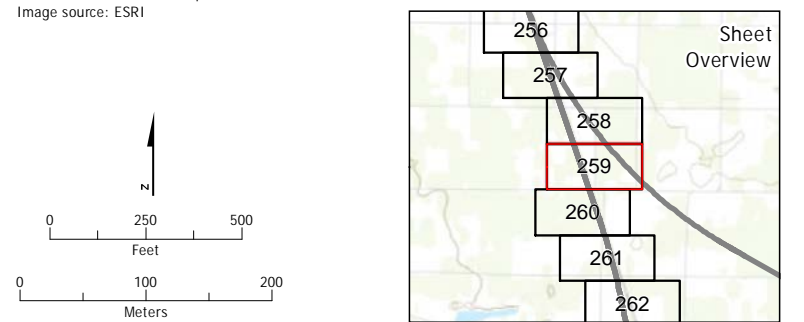


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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

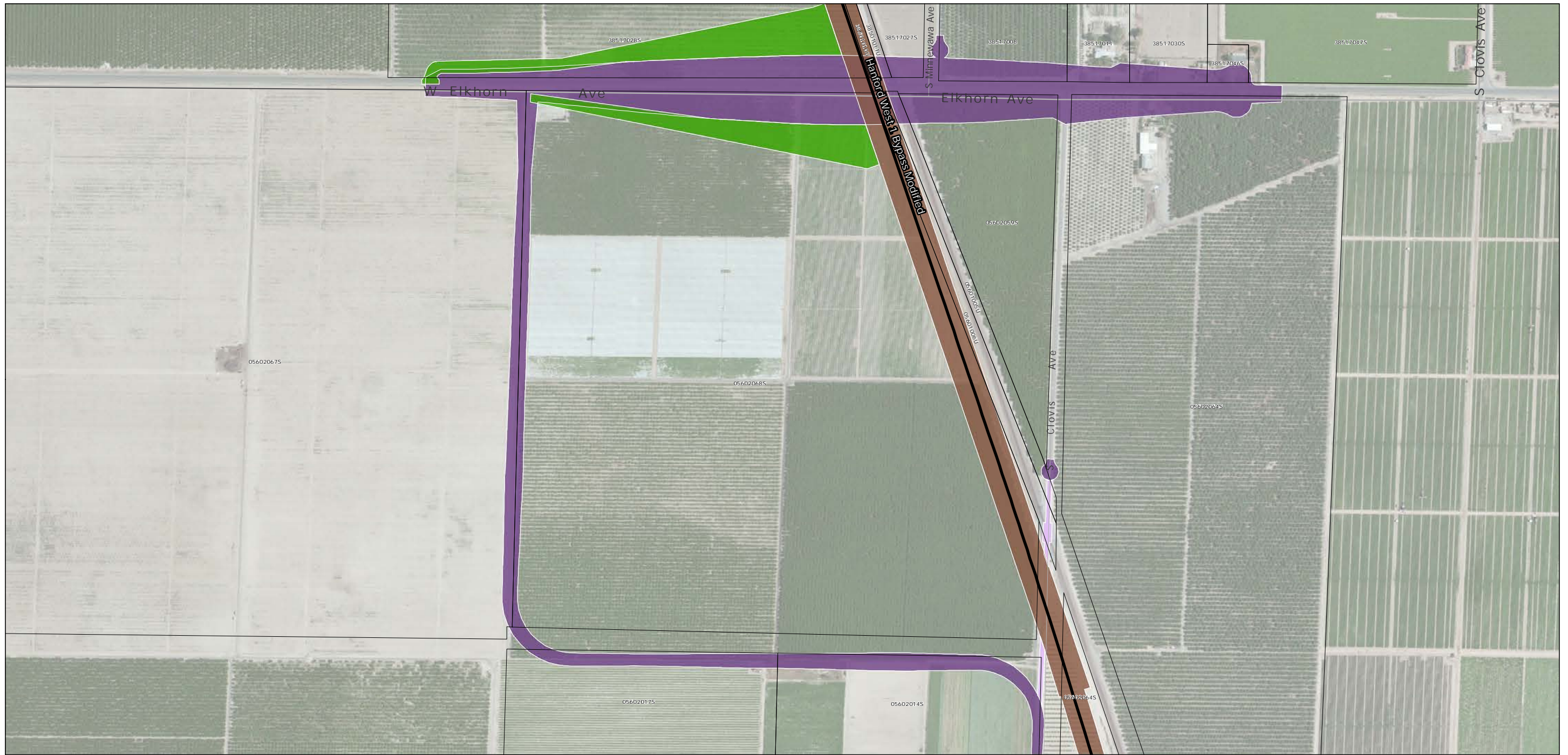


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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) |
|---|---|--|--|



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)

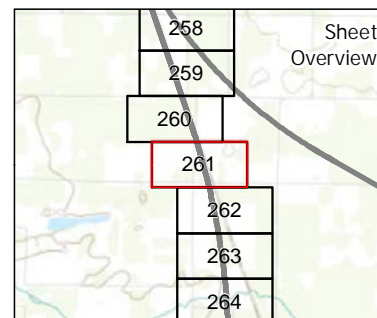
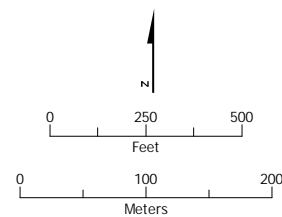
Track

- 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)

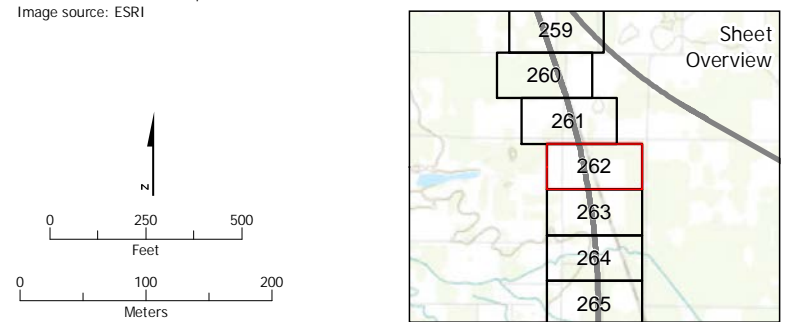
- Utilities**
 - Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
 - Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- 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

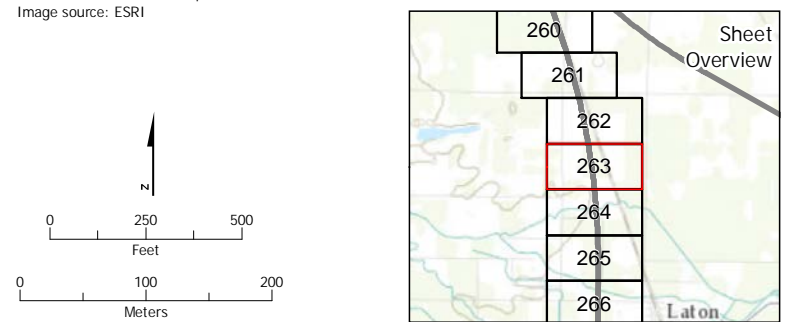


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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

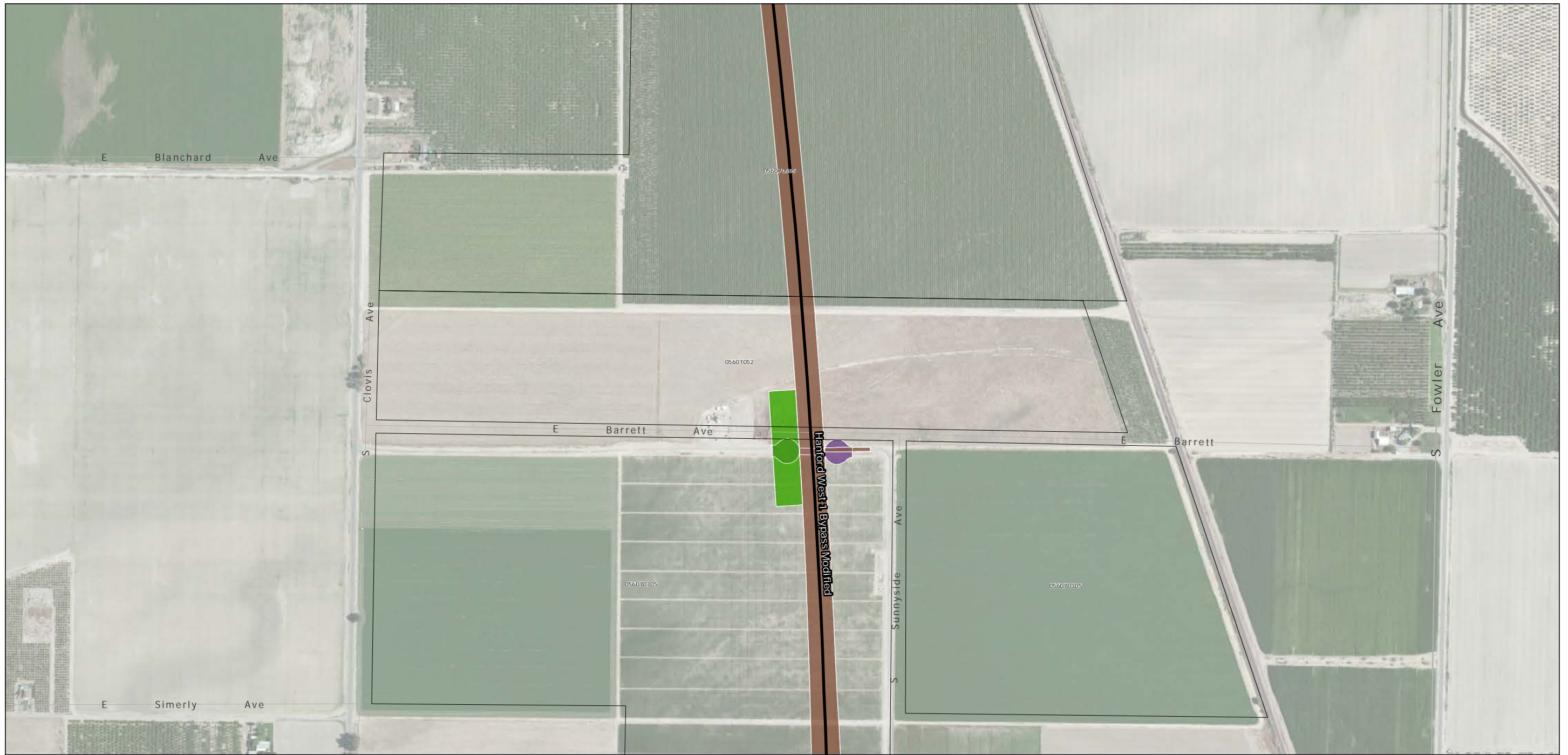


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

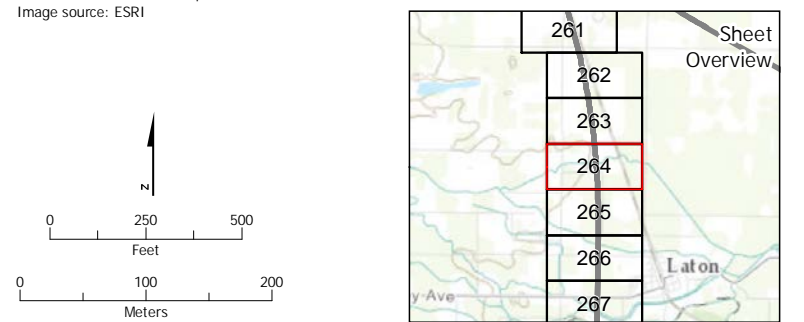


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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



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

March 19, 2014

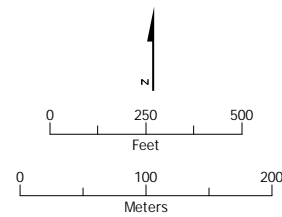
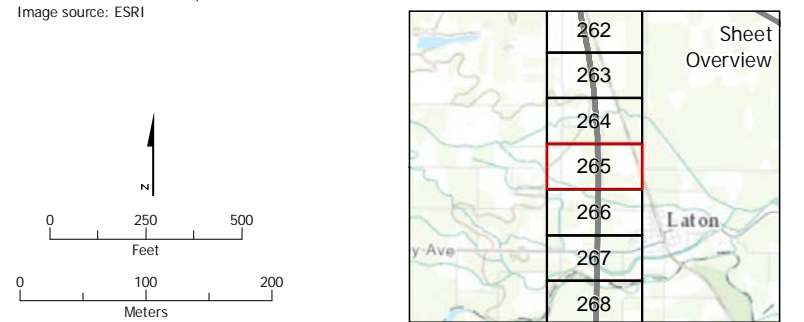


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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



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

March 19, 2014

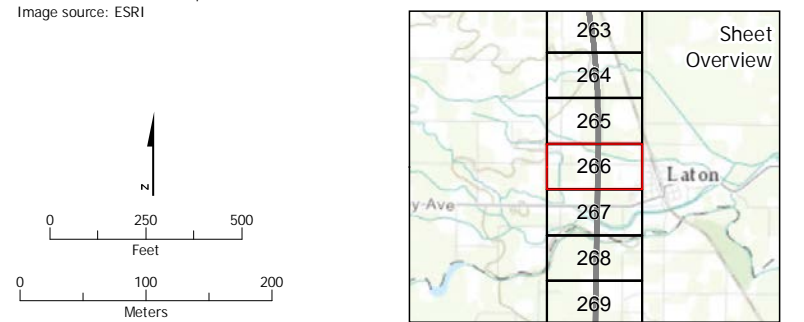


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

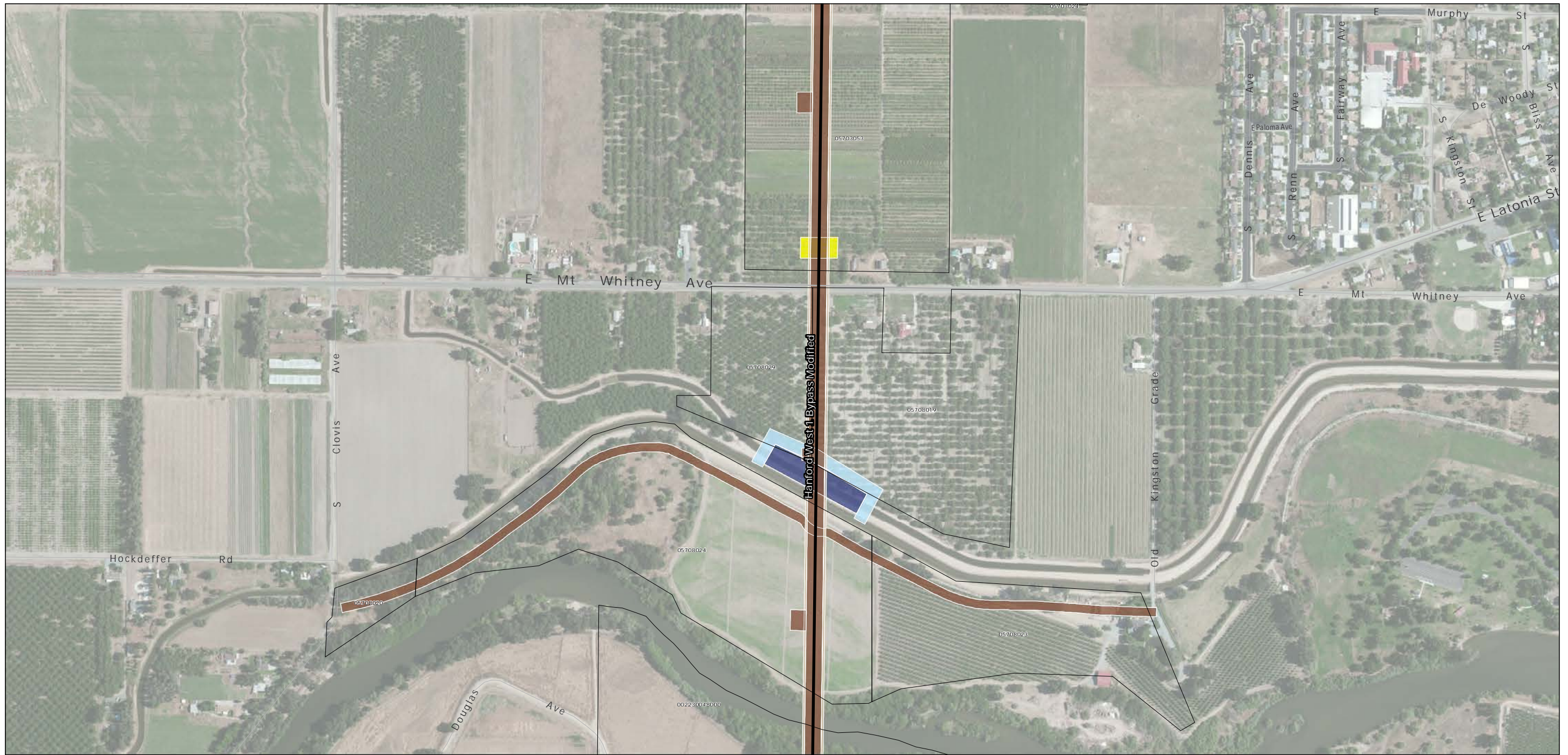


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

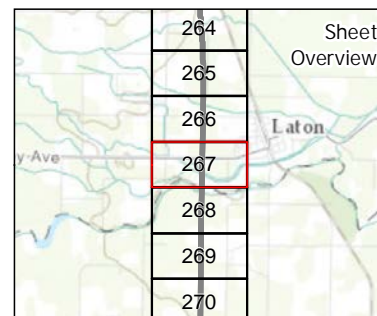
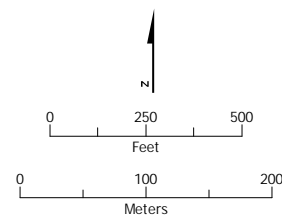


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

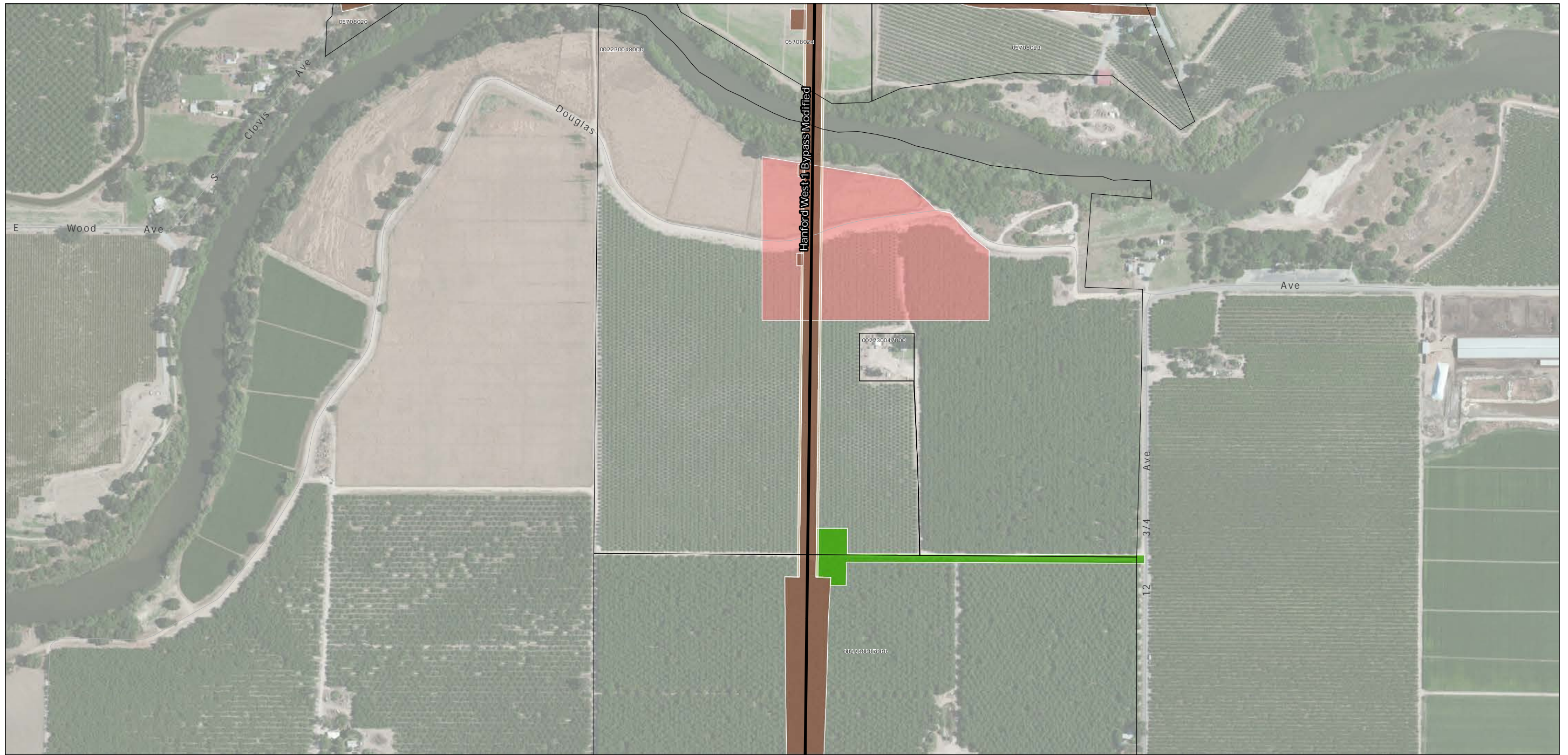


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

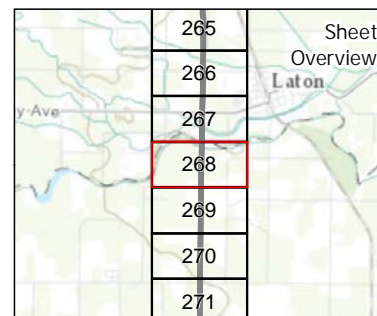
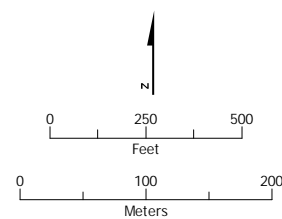
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- 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

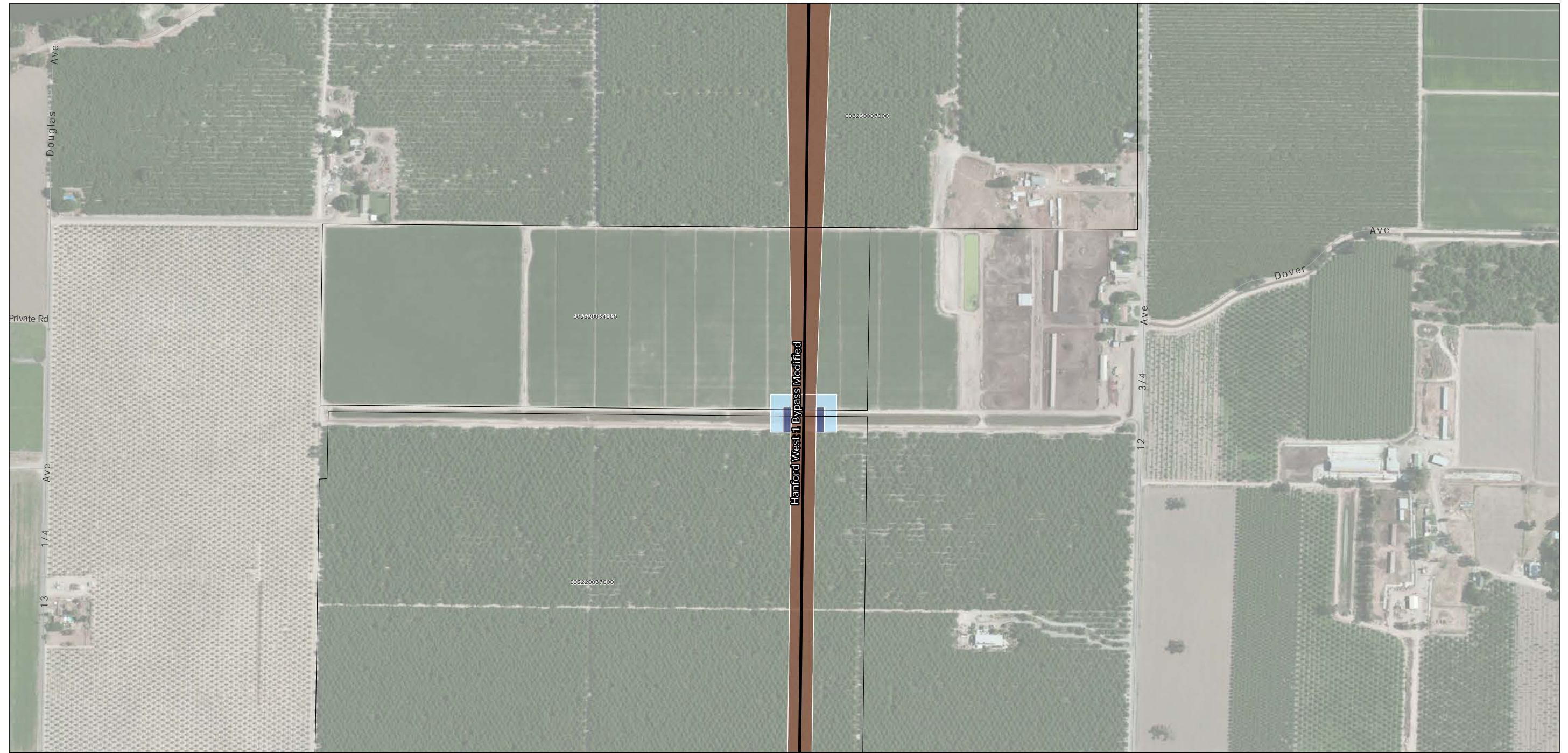


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

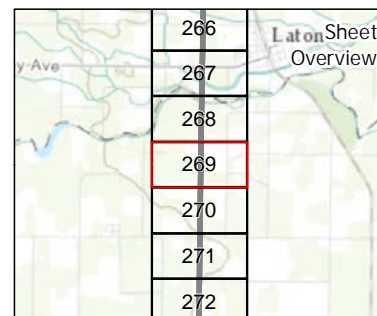
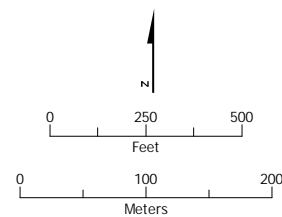
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- 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)

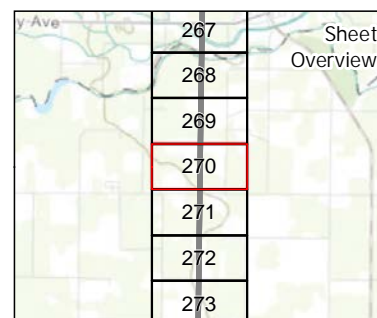
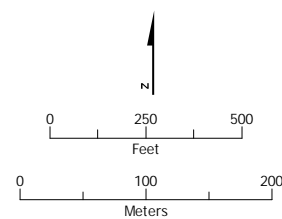
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- 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
- 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)

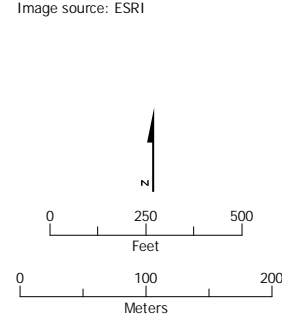
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

- 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



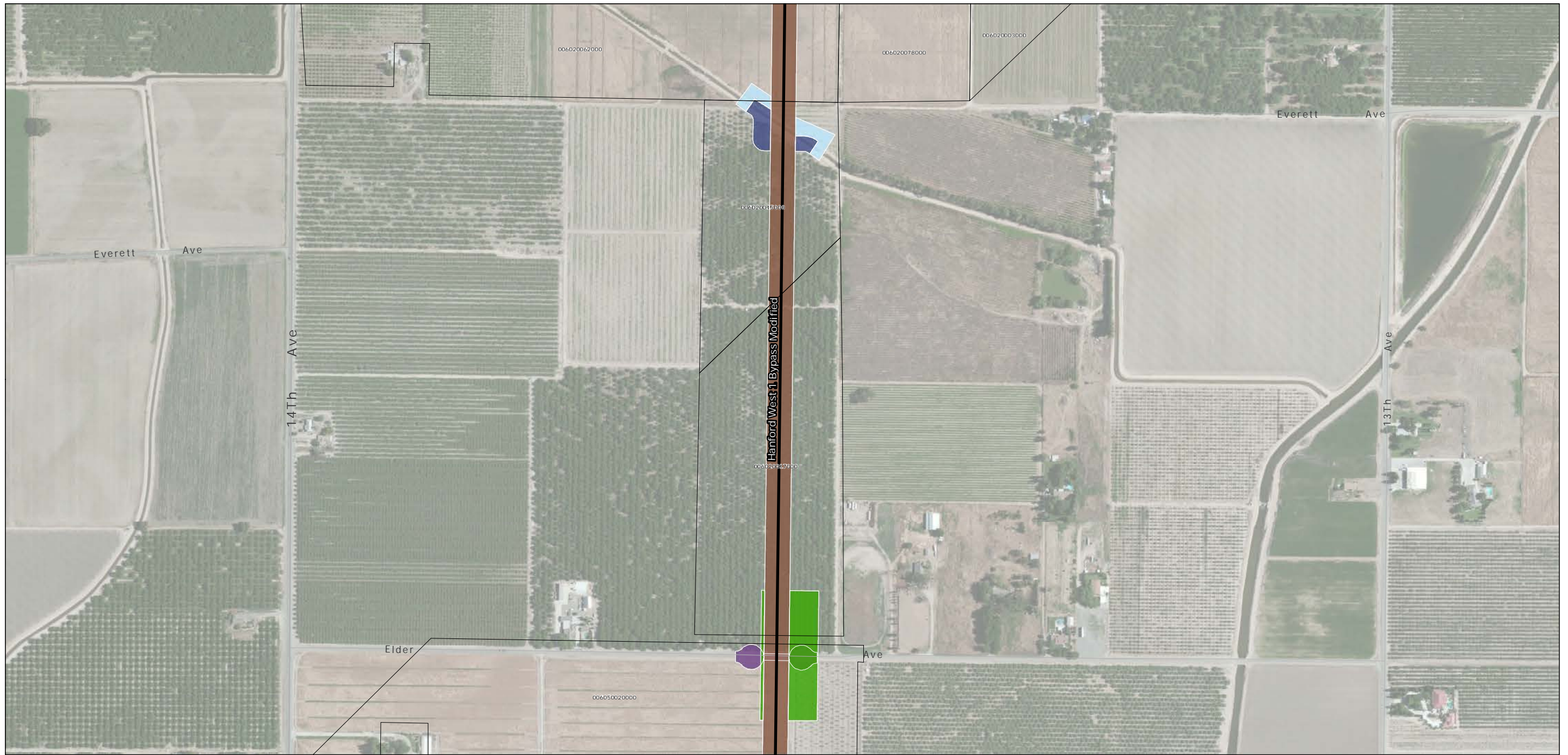
	268	Sheet Overview
	269	
	270	
	271	
	272	
	273	
	274	

- 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)

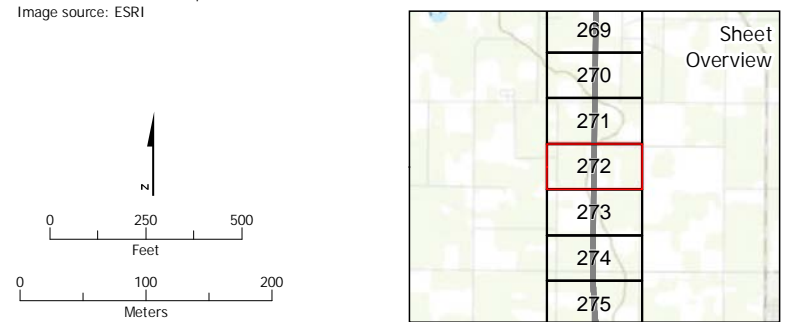
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

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

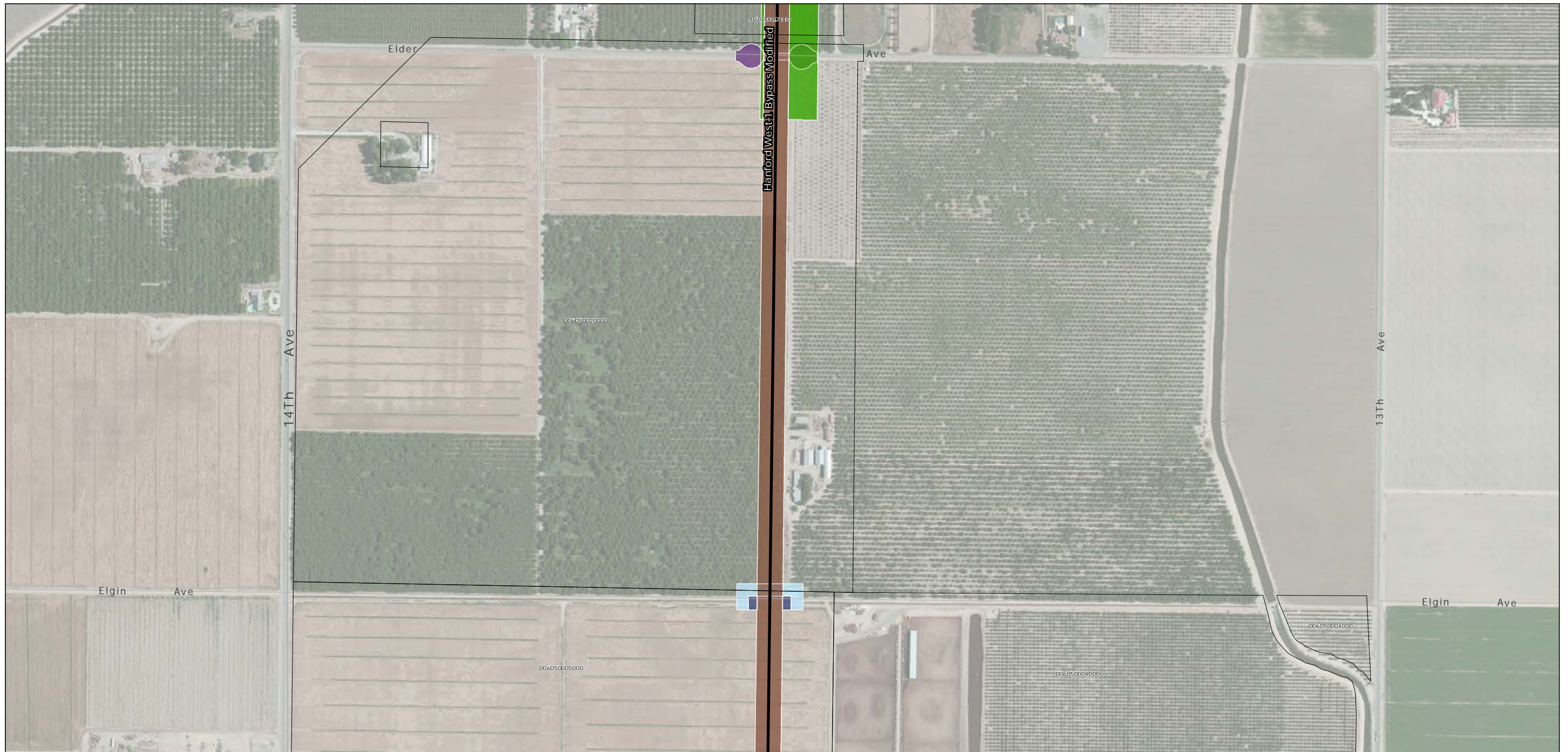


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

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

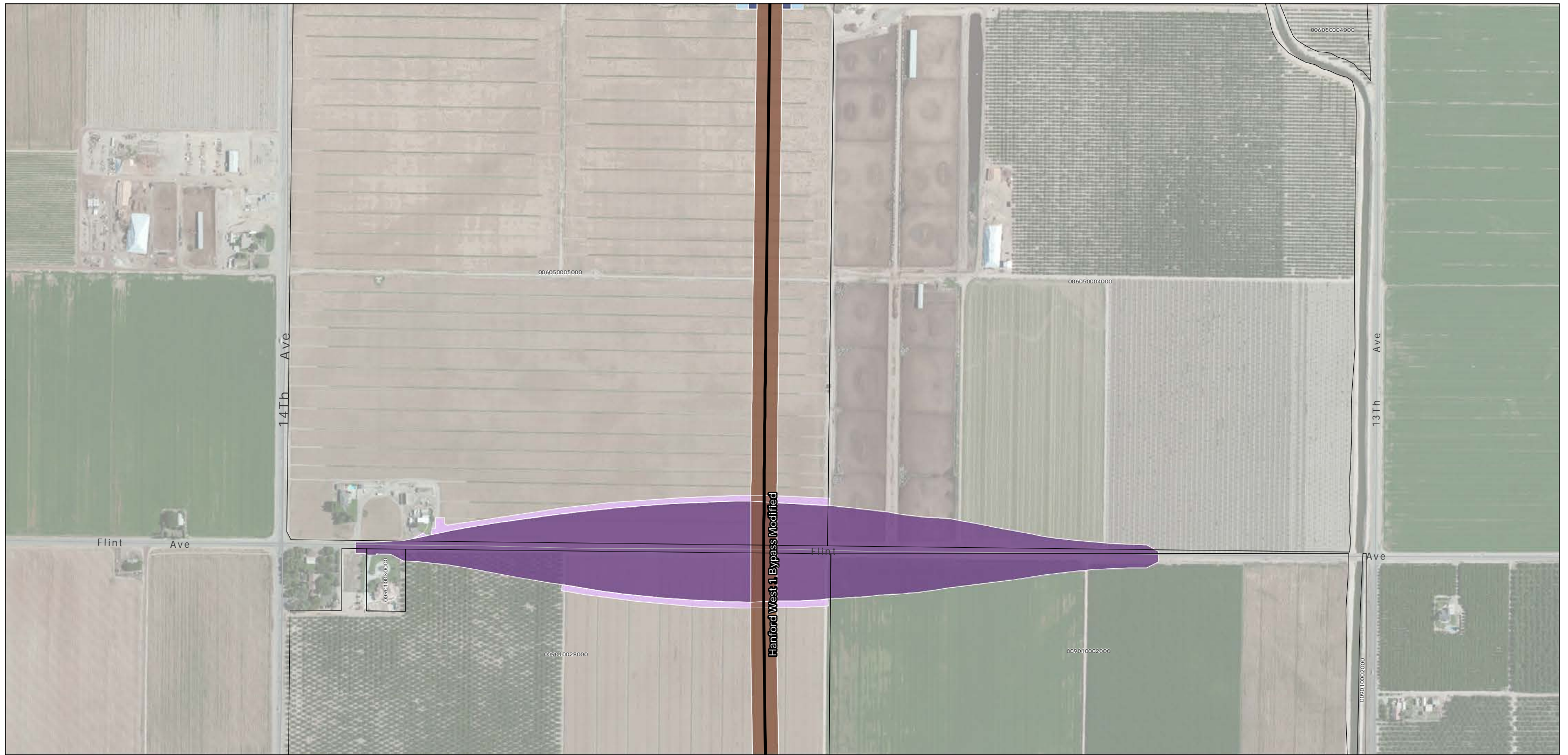


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

- 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)

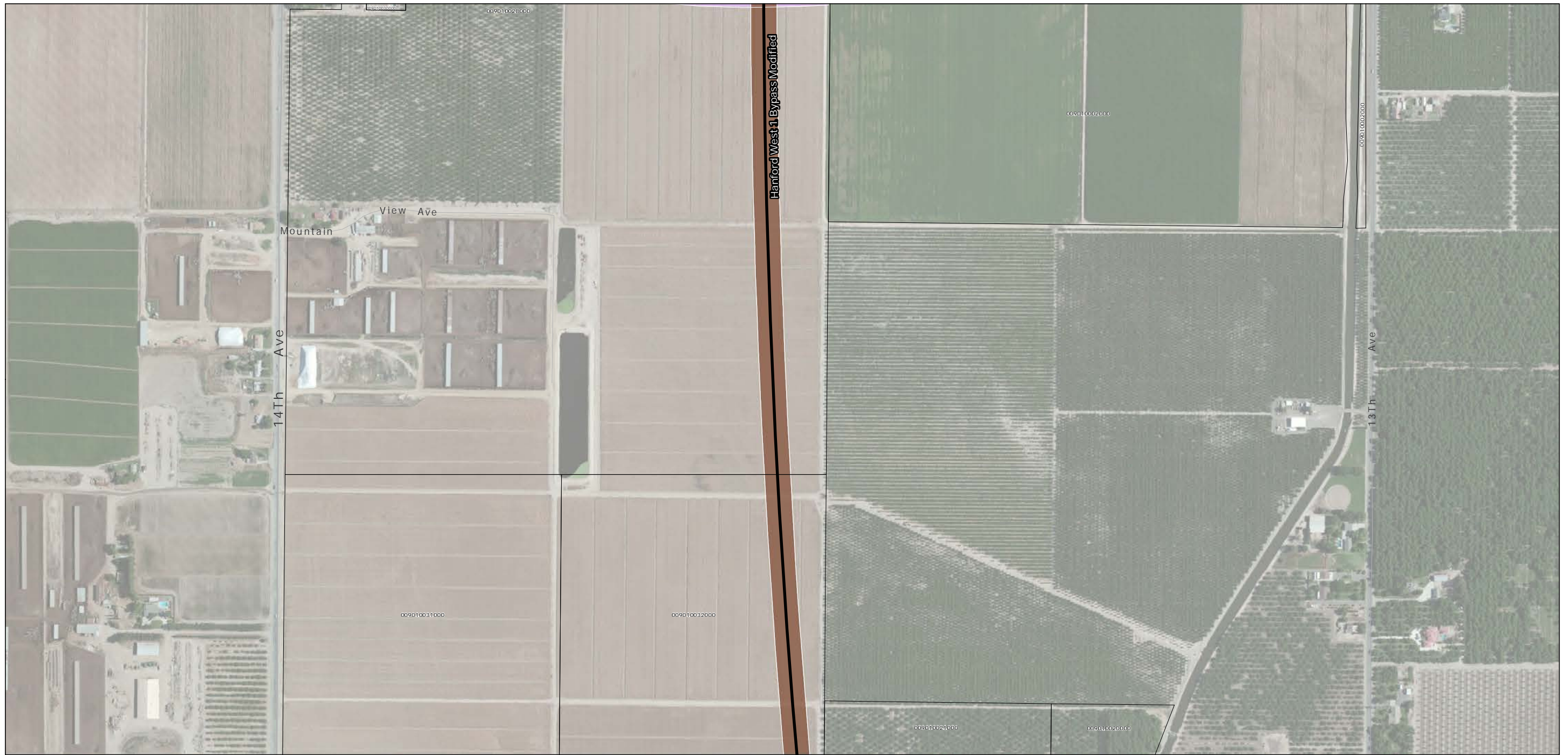


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

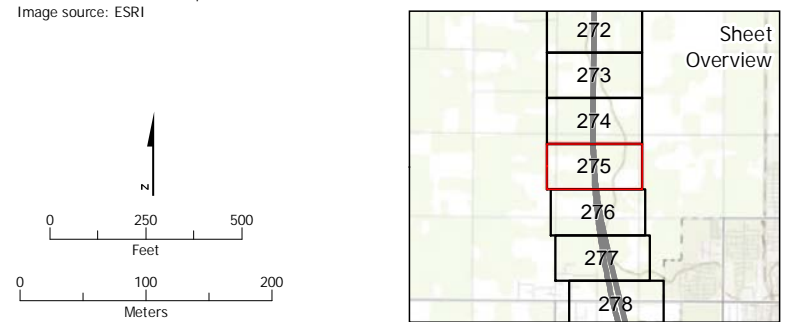


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

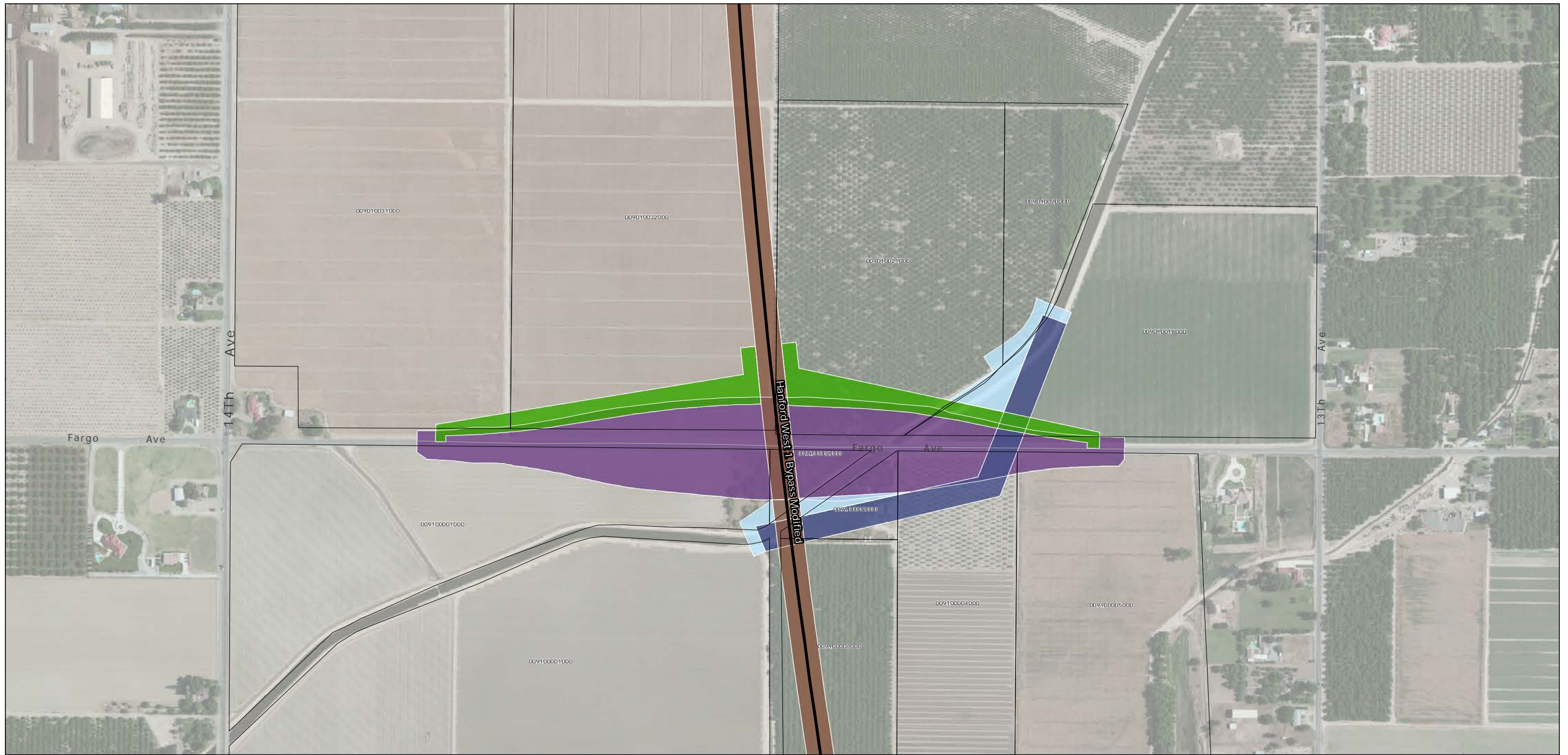


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

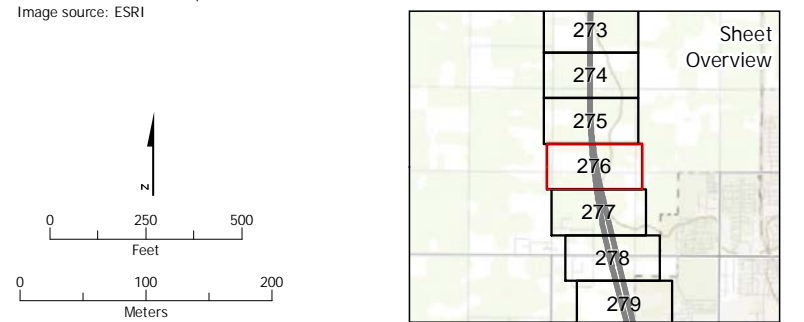


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

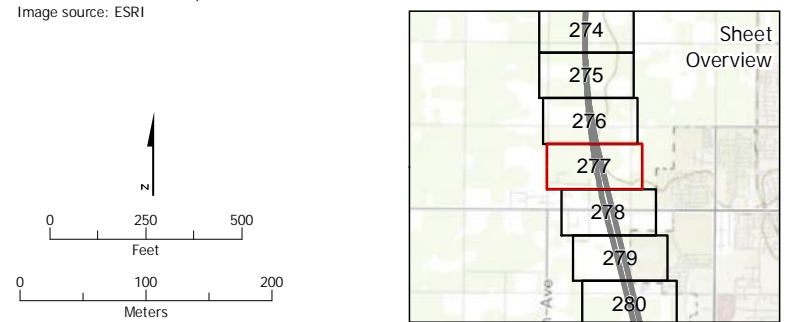


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

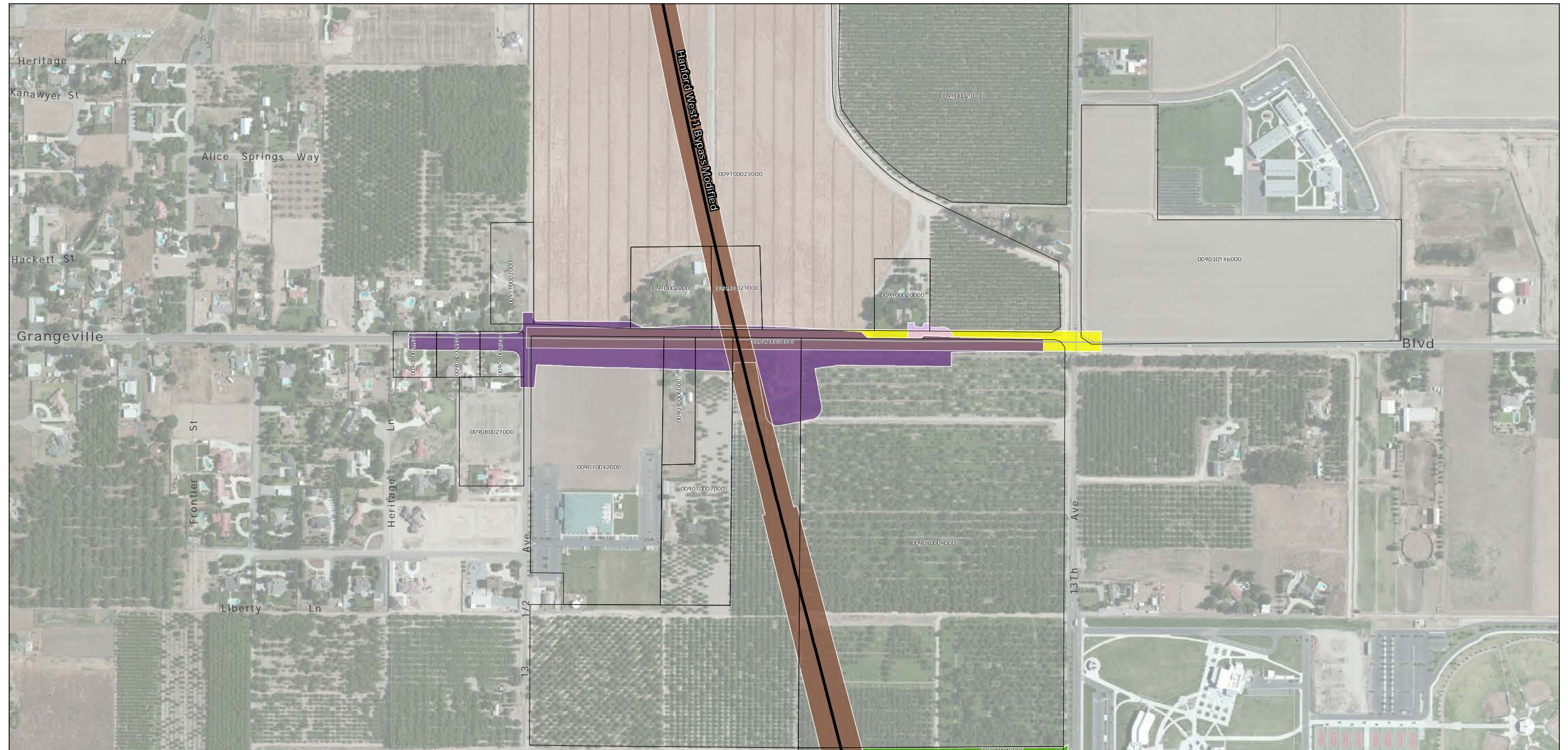


- Alternative alignments
- Parcel (APN displayed)
- Heavy maintenance facility
- Station

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

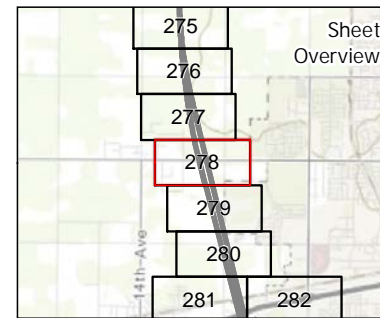
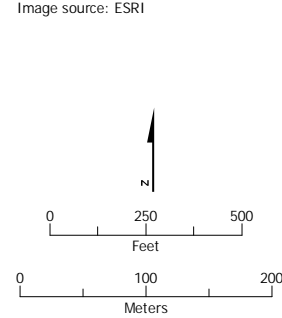
- Utilities**
- Temporary (Relocation of natural gas, petroleum, transmission, or water line)
- Systems**
- Permanent (interlocking site, radio site, traction power facility)
 - Temporary (construction easement)

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

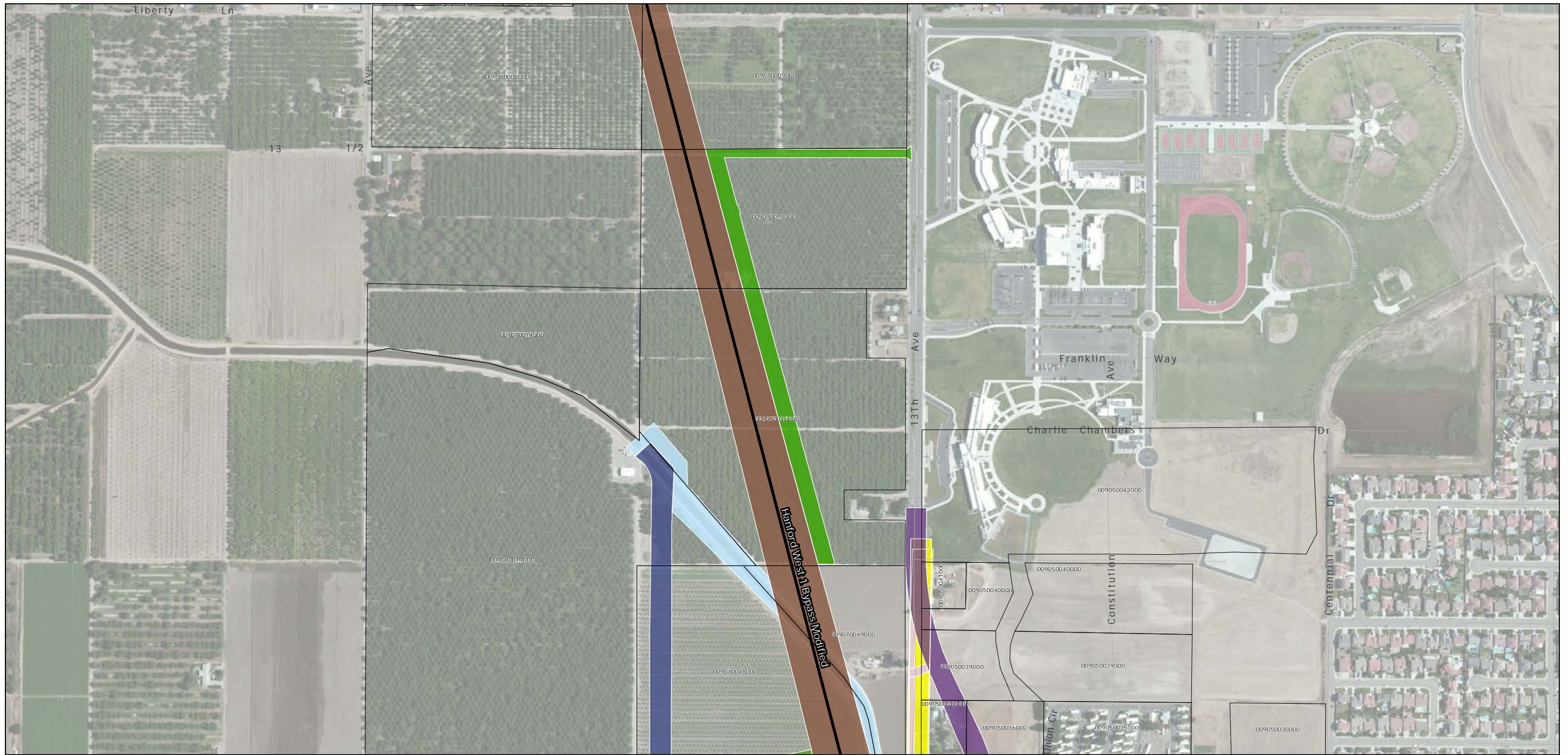


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

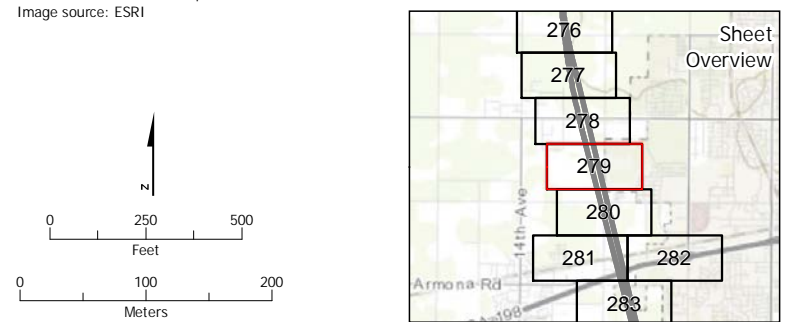


<ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station 	<p>Project footprint by category type</p> <ul style="list-style-type: none"> Construction area <ul style="list-style-type: none"> Temporary Roadway <ul style="list-style-type: none"> Permanent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

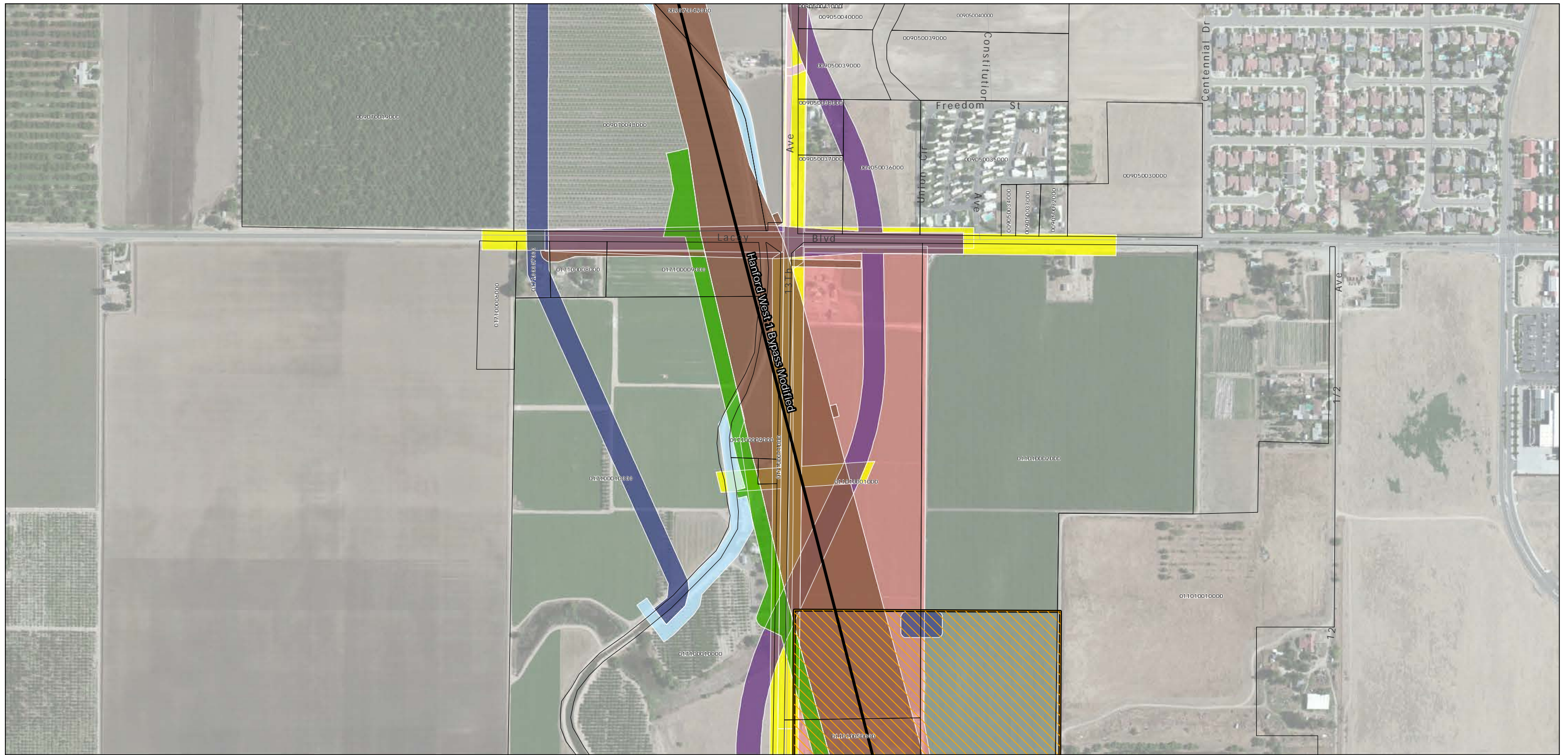


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

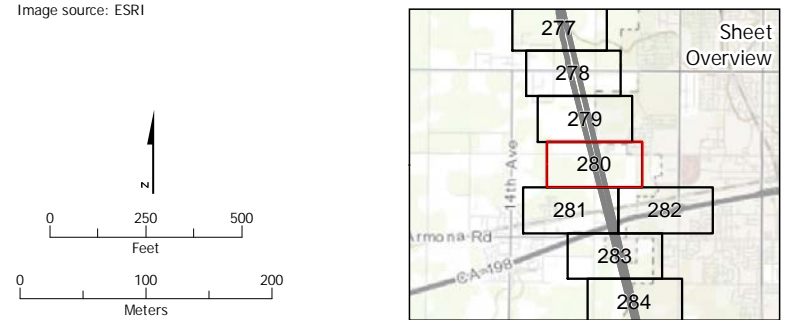


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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

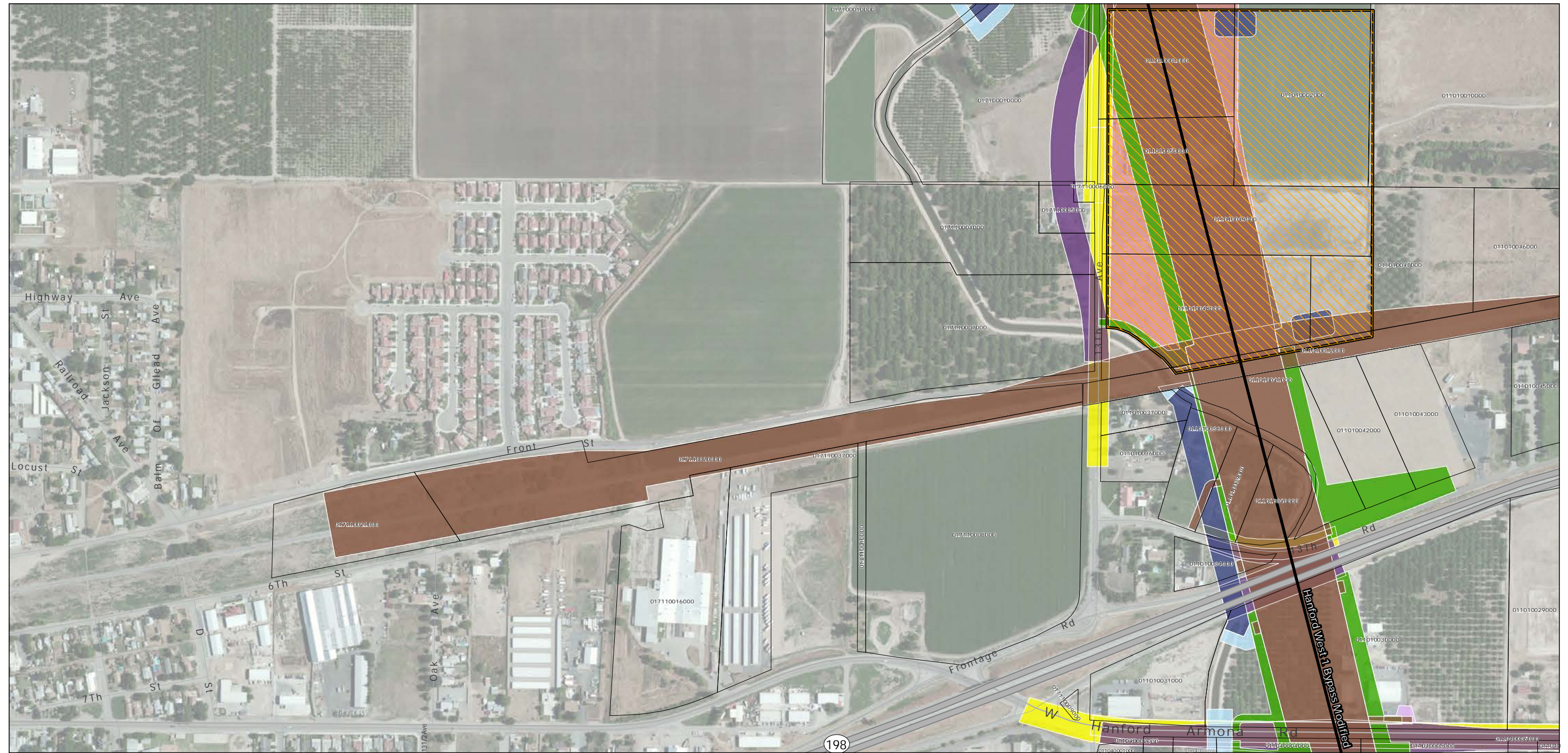


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

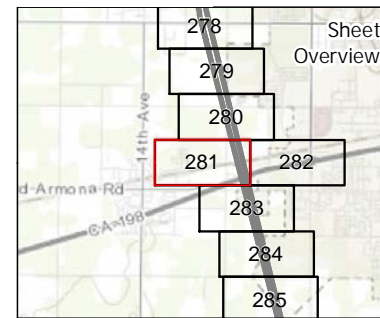
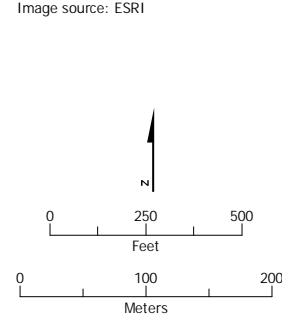


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

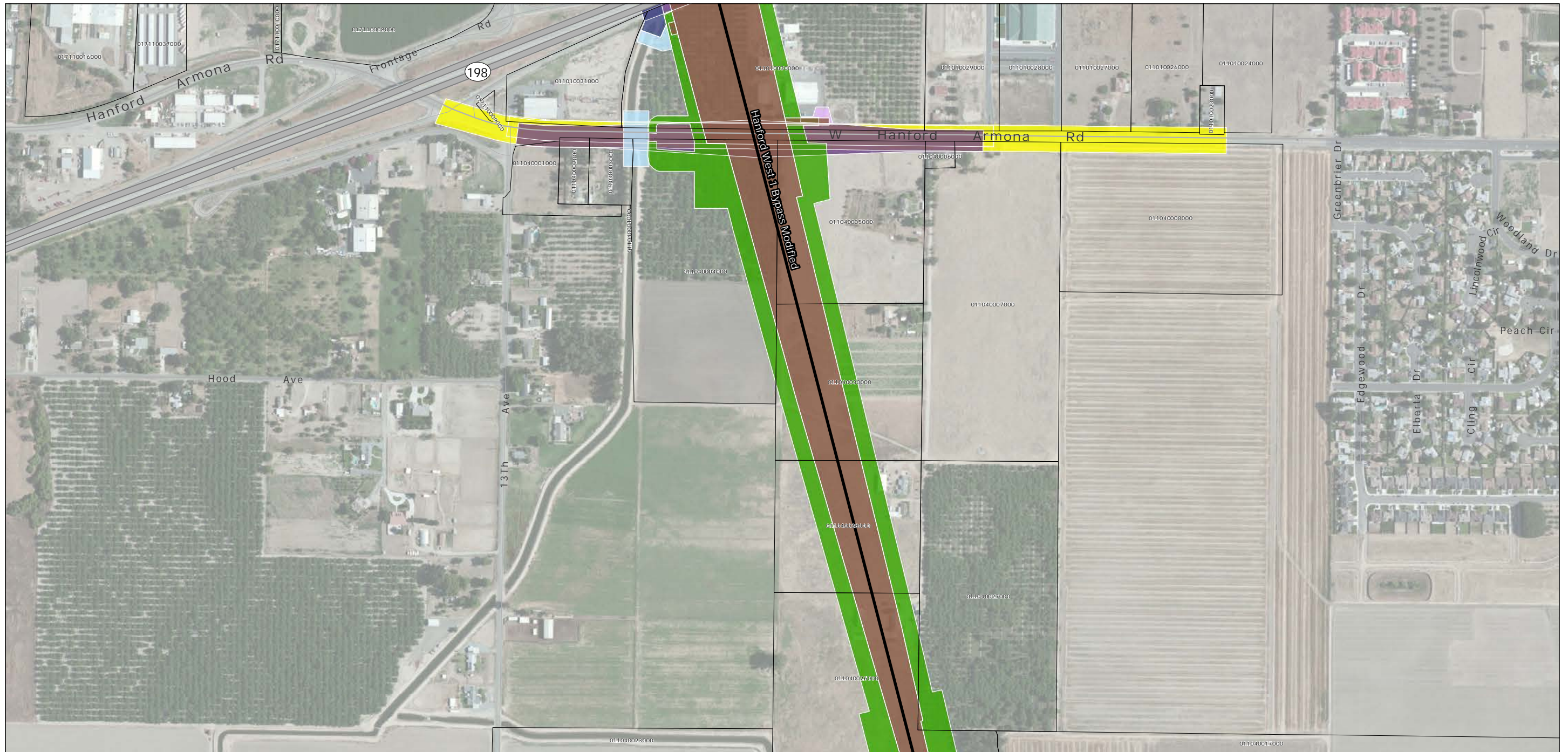
- Hydrology**
- Permanent (canal relocation, drainage basin)
 - Temporary (construction easement)
- Track**
- Permanent (access road, freight rail relocation, HST tracks, maintenance of infrastructure)
 - Temporary (construction easement)



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

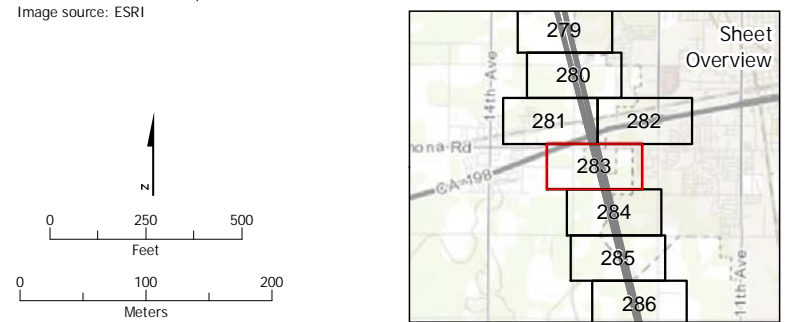
March 19, 2014

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

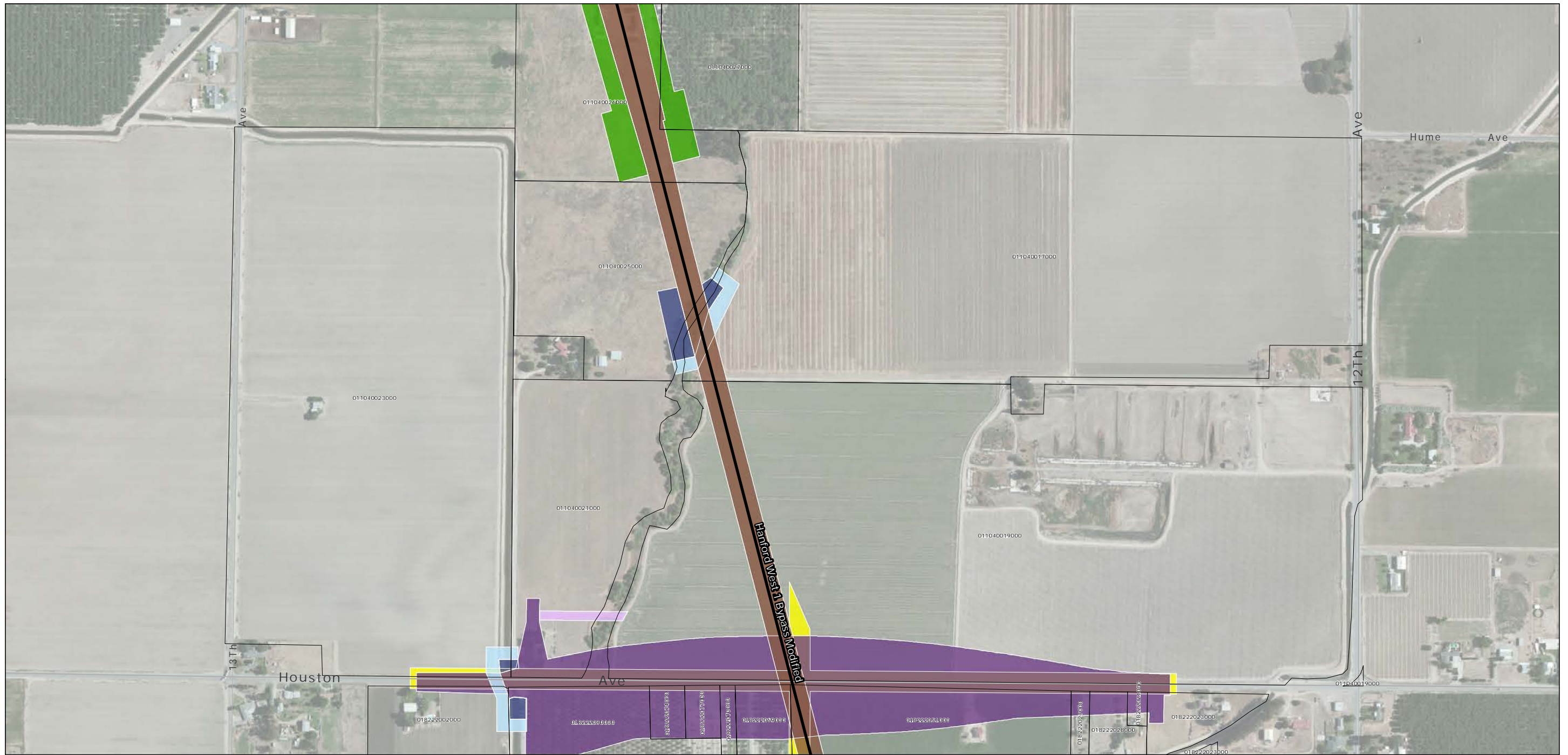


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

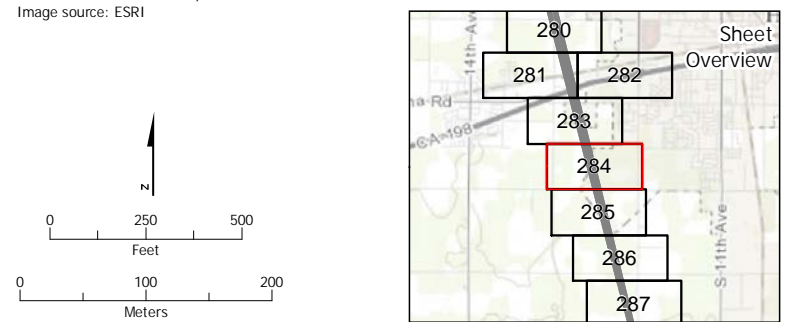


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

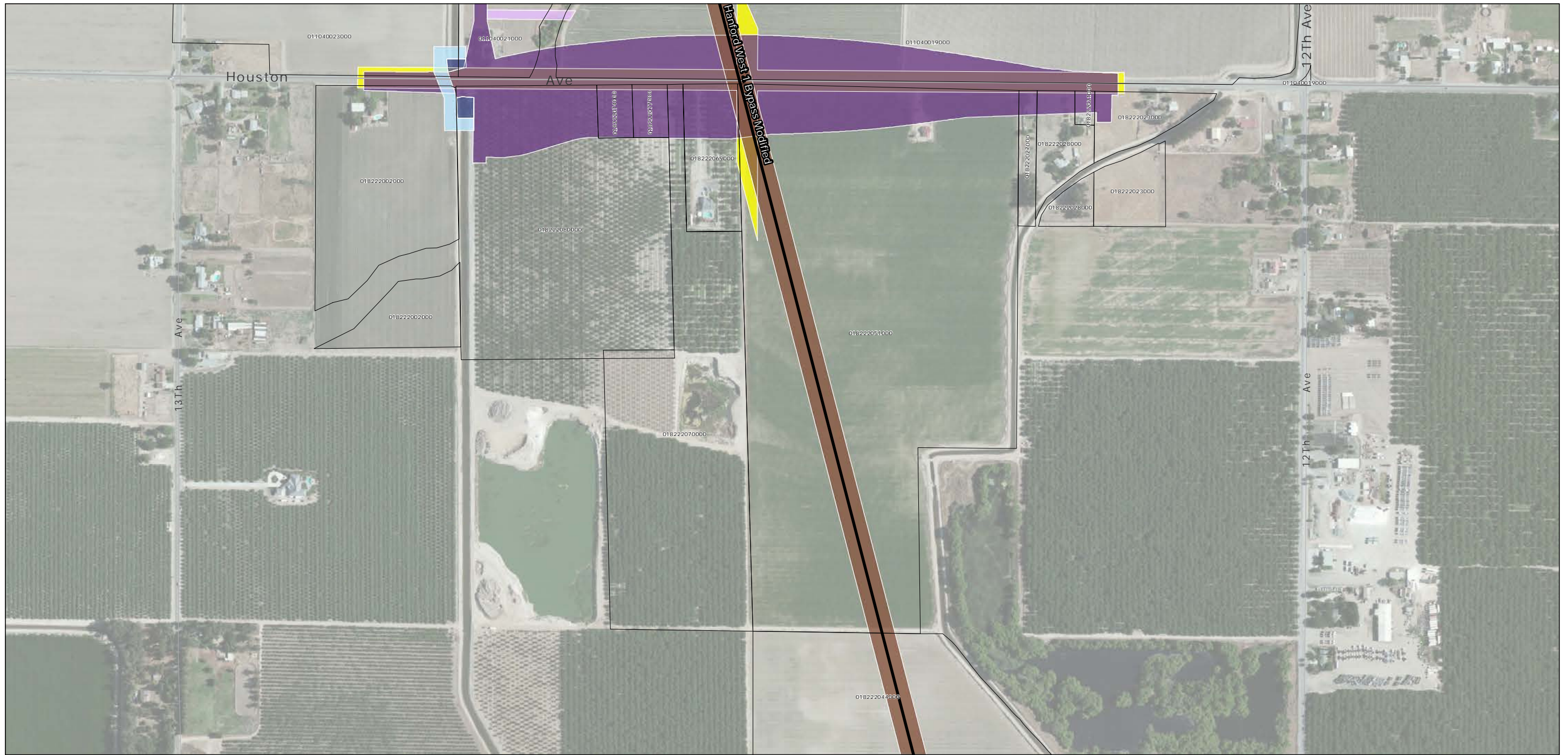


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014



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



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

March 19, 2014

Legend

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

Project footprint by category type

Construction area

- Temporary

Roadway

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

Utilities

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

Systems

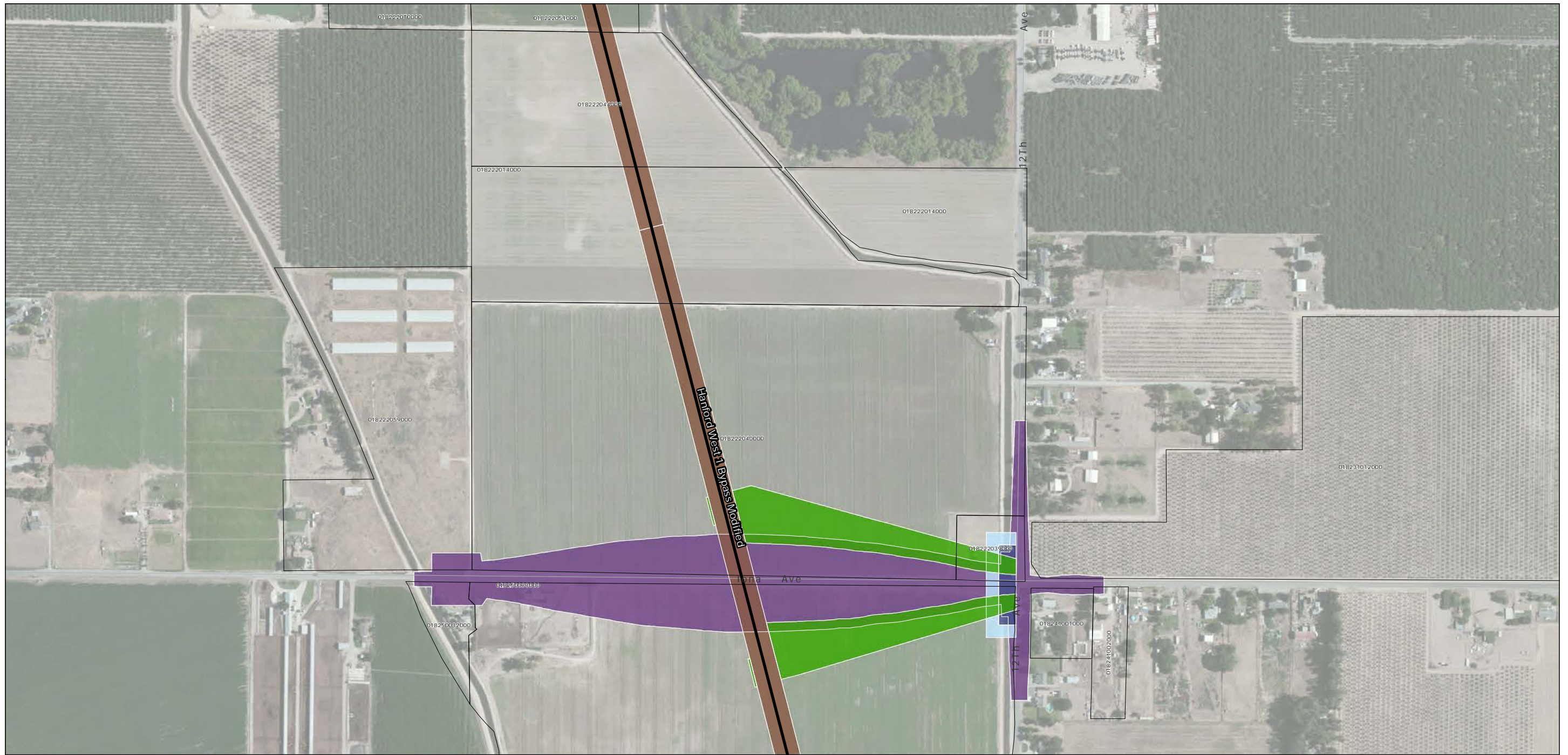
- Permanent (interlocking site, radio site, traction power facility)
- Temporary (construction easement)

Hydrology

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

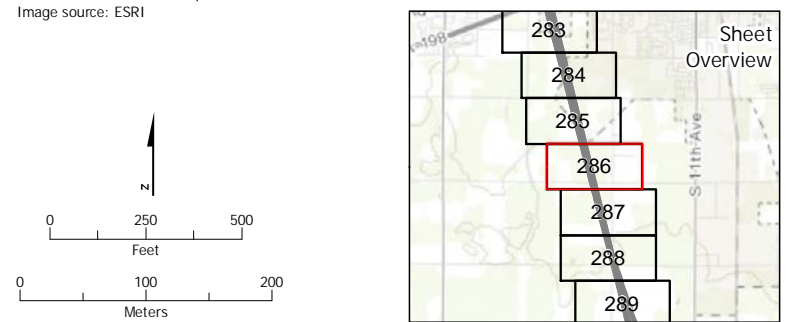
Track

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



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

March 19, 2014

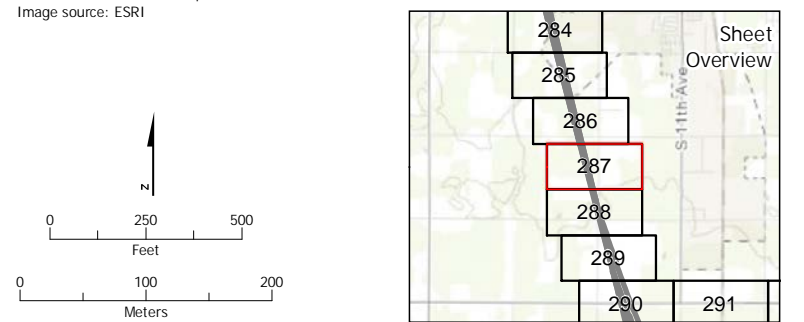


- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

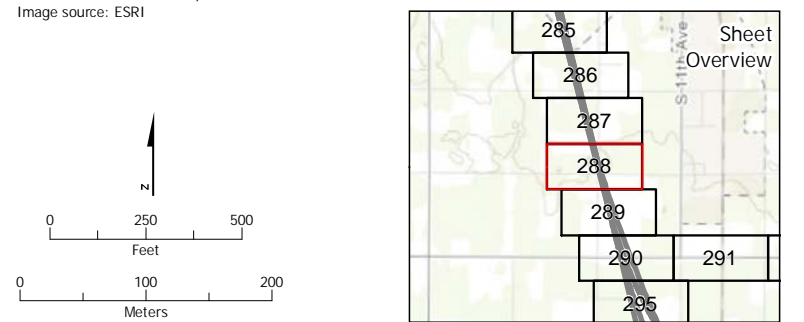


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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

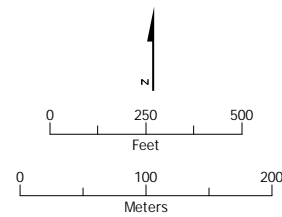
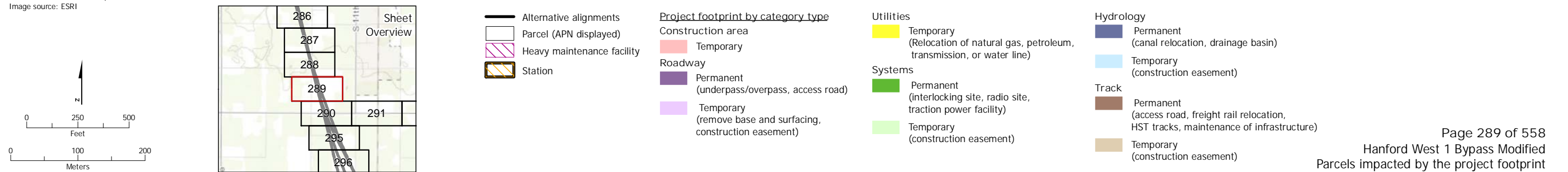


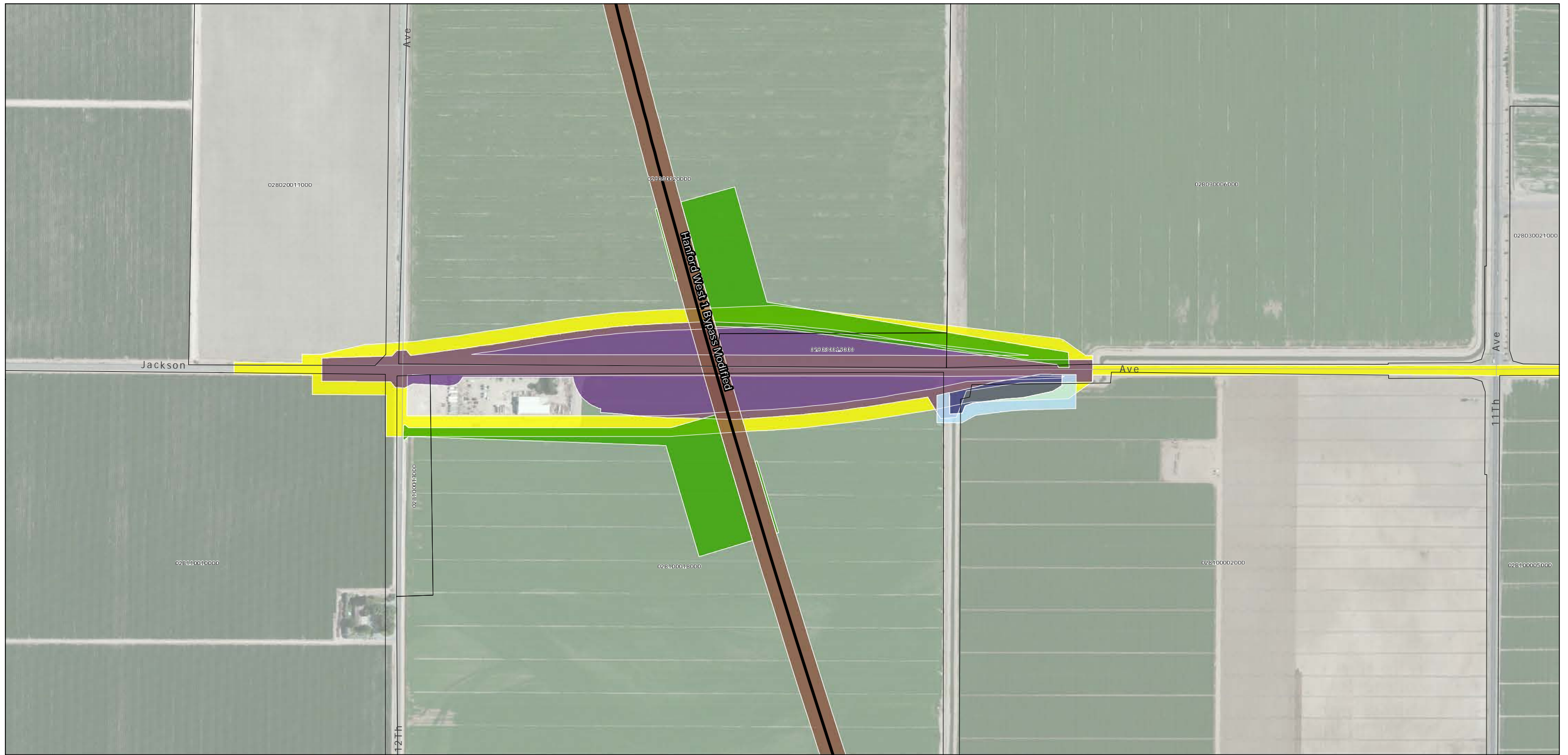
- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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



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

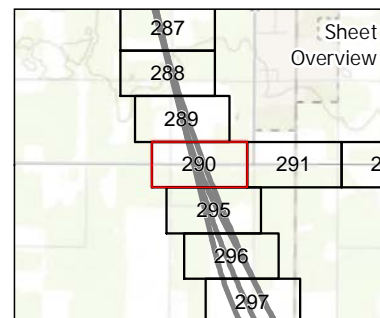
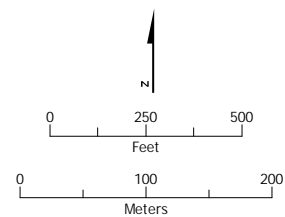
March 19, 2014





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

March 19, 2014



- 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

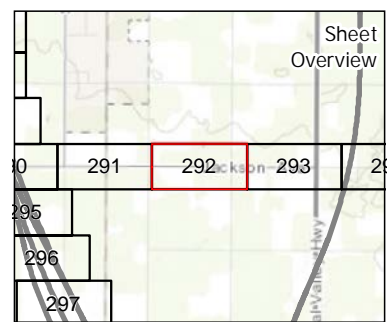
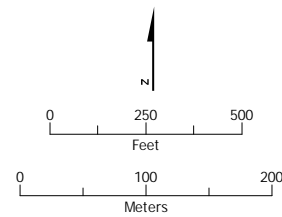
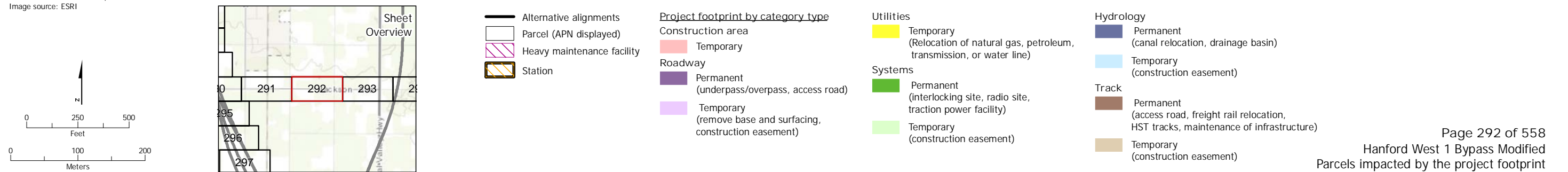


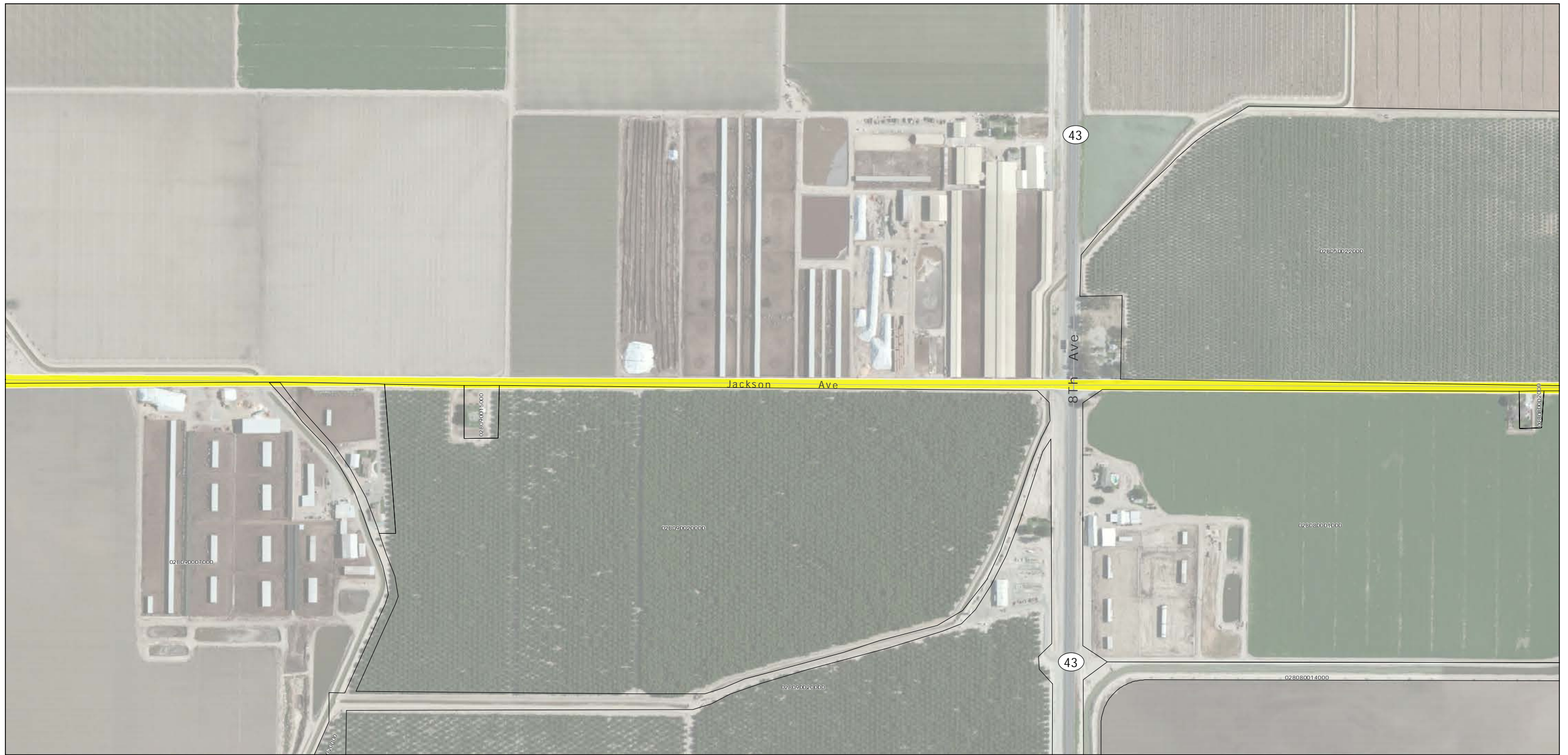
- Alternative alignments
 - Parcel (APN displayed)
 - Heavy maintenance facility
 - Station
- Project footprint by category type**
- Construction area**
 - Temporary
 - Roadway**
 - Permanent (underpass/overpass, access road)
 - Temporary (remove base and surfacing, construction easement)
- Utilities**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

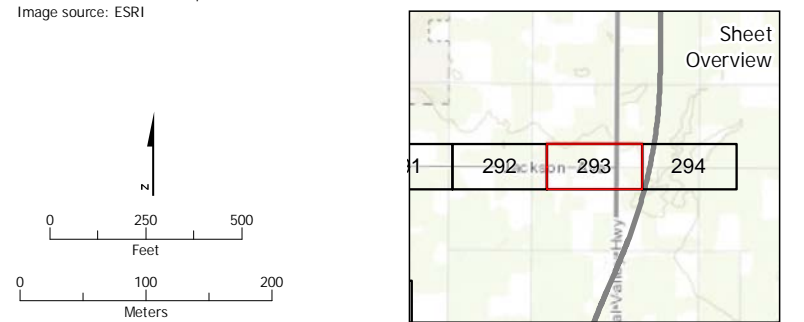
March 19, 2014





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)

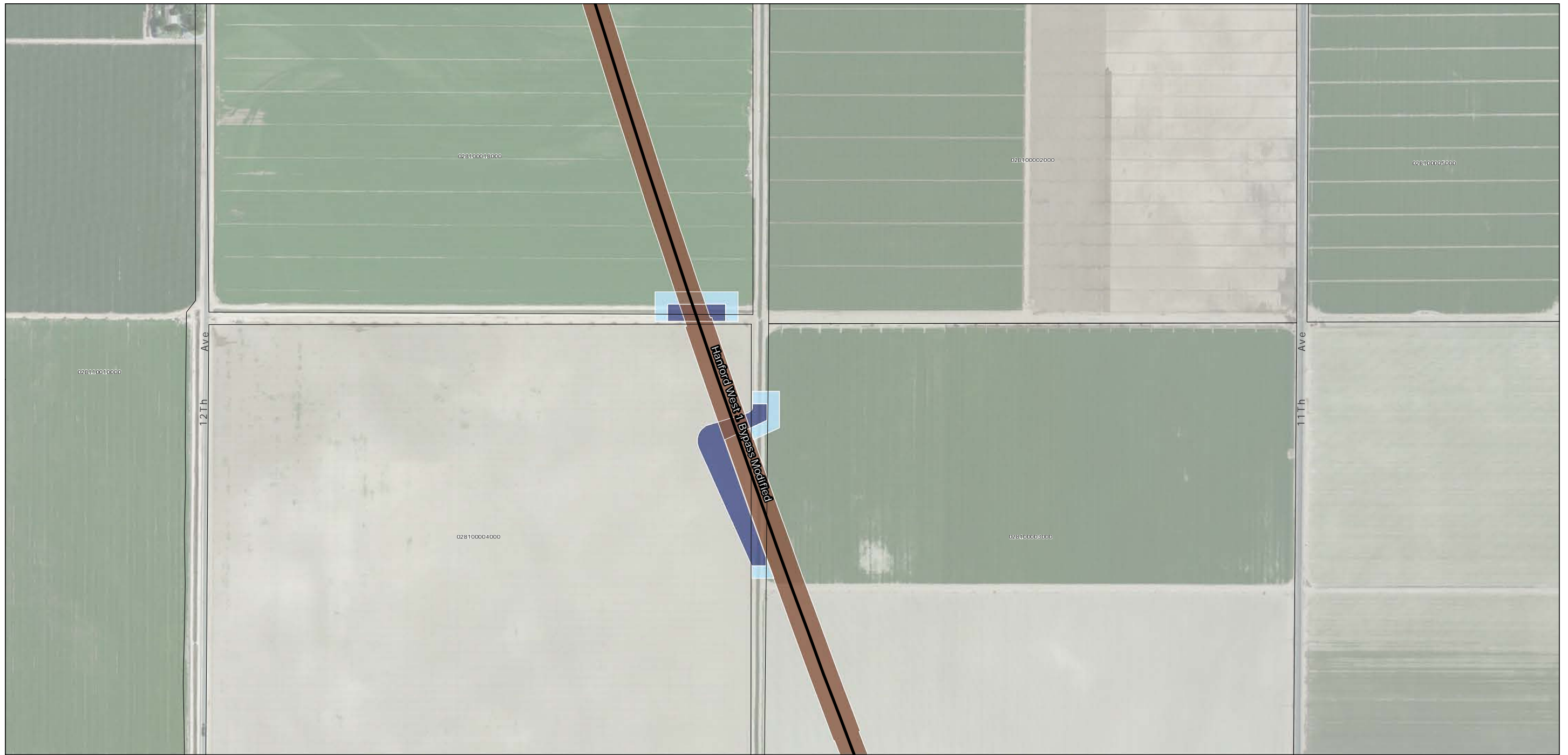


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

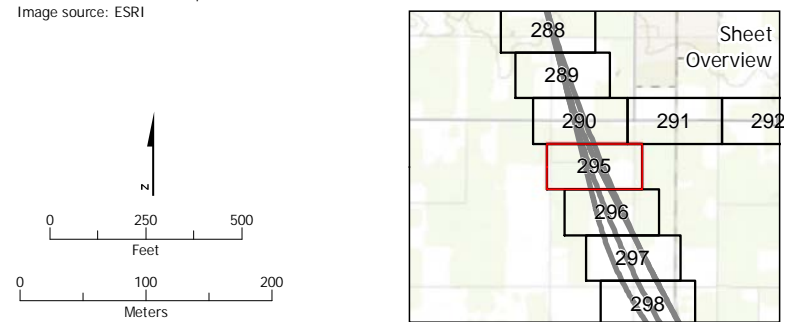


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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

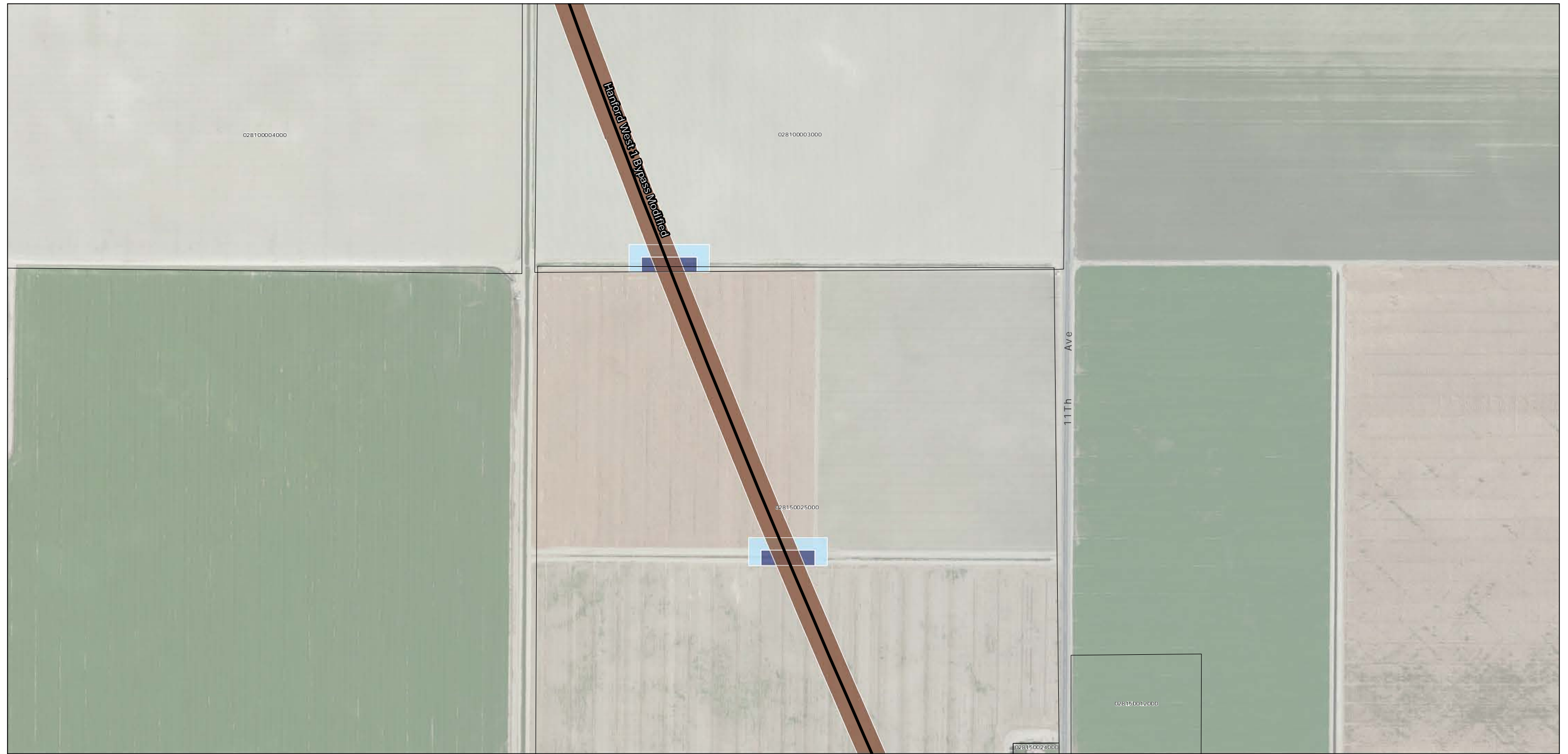


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

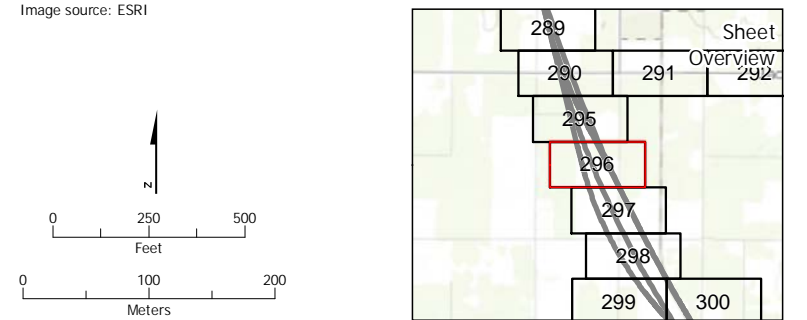


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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

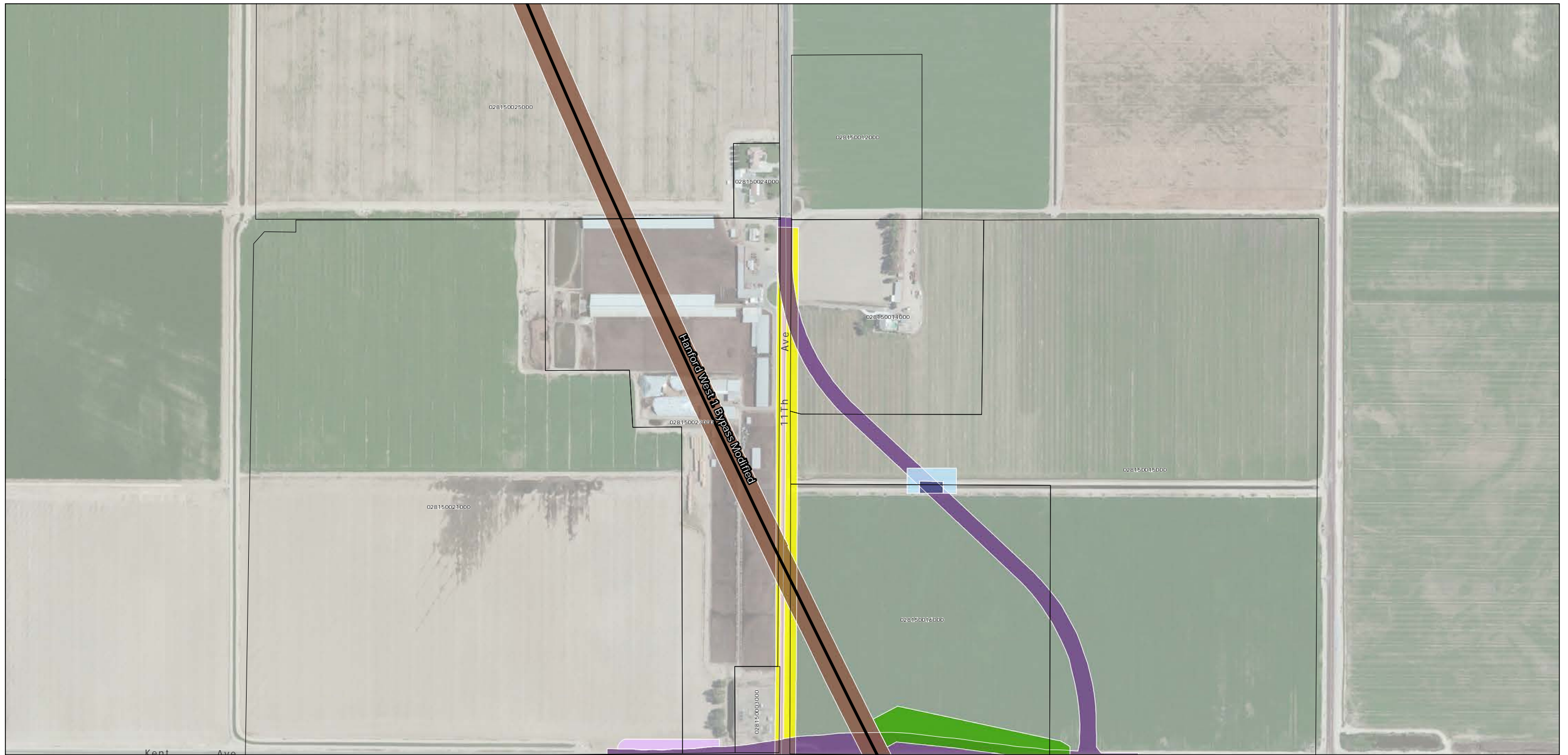


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014



- | | | | |
|---|--|---|---|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <ul style="list-style-type: none"> Construction area Temporary Roadway Permanent (underpass/overpass, access road) Temporary (remove base and surfacing, construction easement) | <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) |
|---|--|---|---|

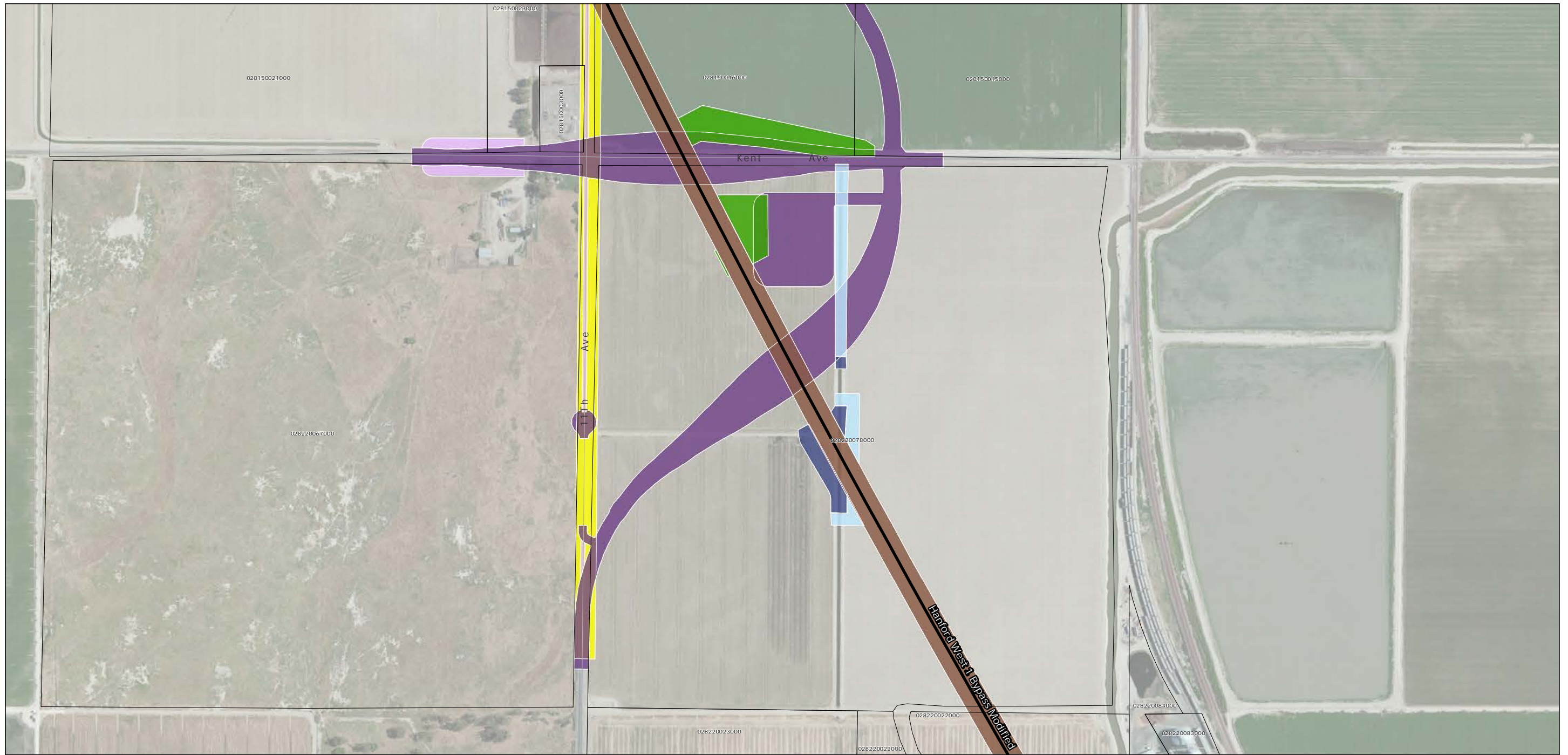


Data source: URS/HMM/Arup JV, 2014
 Image source: ESRI

March 19, 2014

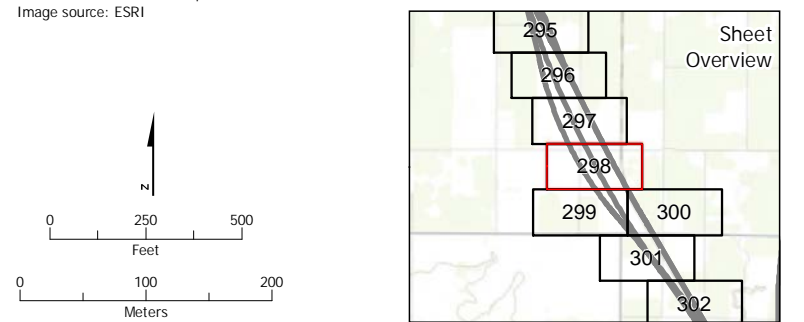


- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Alternative alignments Parcel (APN displayed) Heavy maintenance facility Station | <p>Project footprint by category type</p> <p>Construction area</p> <ul style="list-style-type: none"> Temporary <p>Roadway</p> <ul style="list-style-type: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



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) |
|---|---|--|--|



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
- 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)