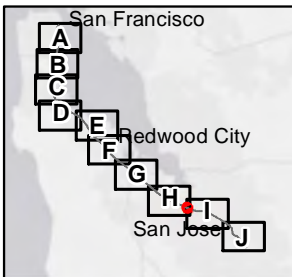


Appendix J  
**Preliminary Overhead Contact System/Electrical Safety  
Zone/Tree Impact Maps (Grid I)**

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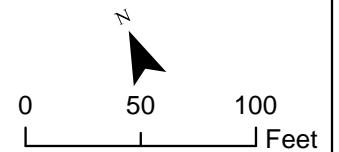


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

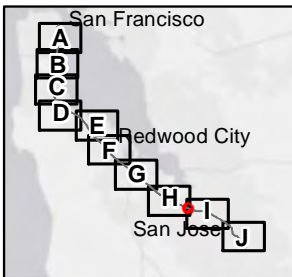
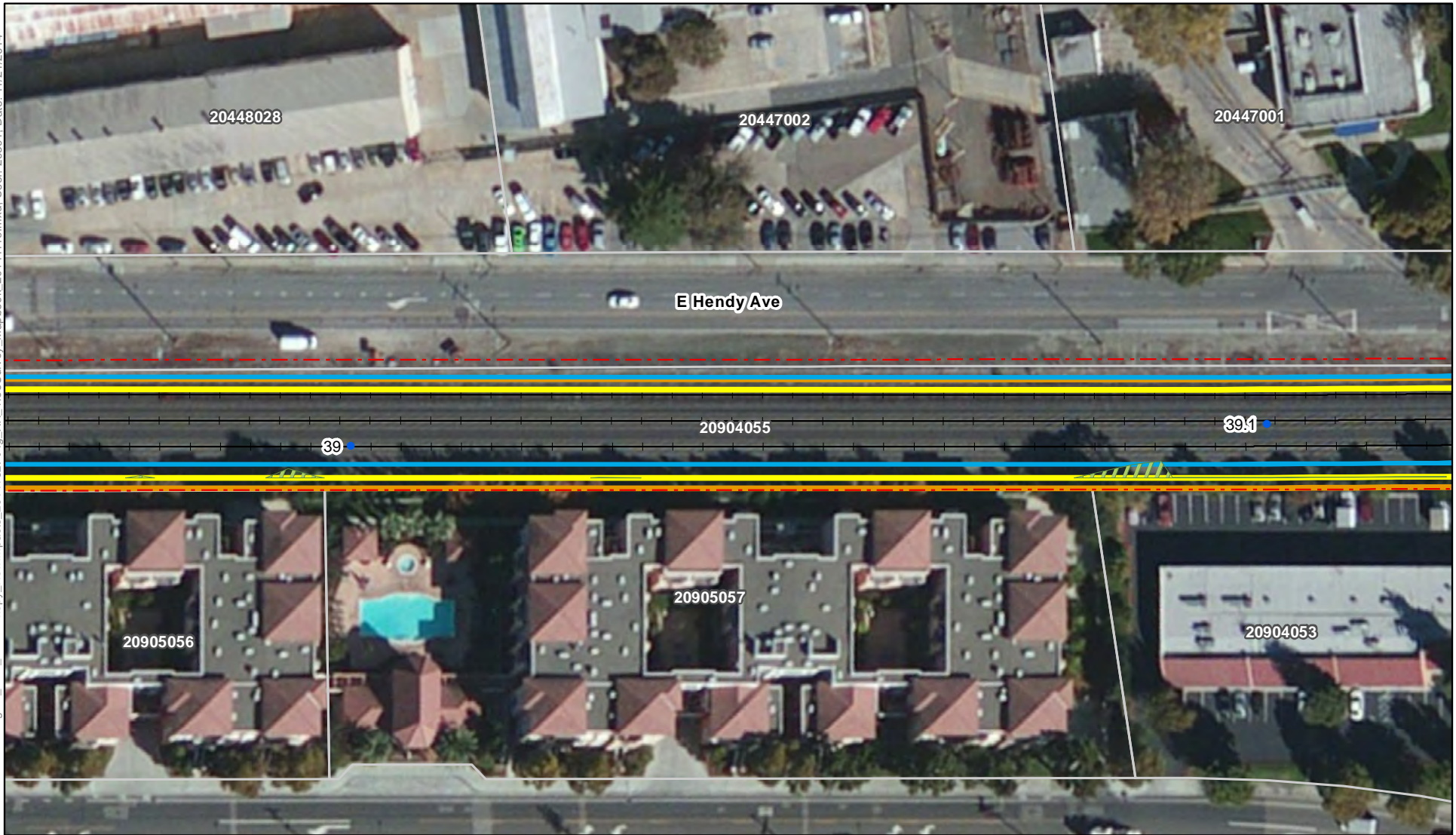
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 275 of 359  
 Grid Index: H and I  
 Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

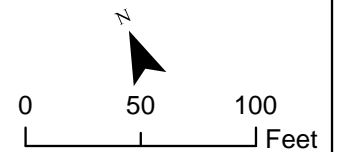


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

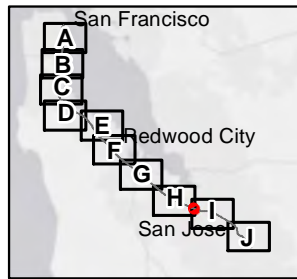
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 276 of 359  
 Grid Index: H and I  
 Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

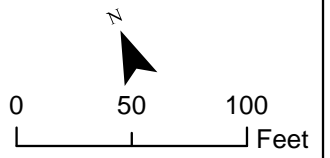


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 277 of 359  
 Grid Index: H and I  
 Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

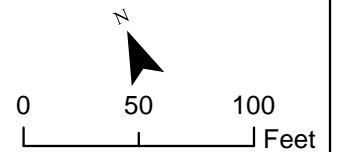


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

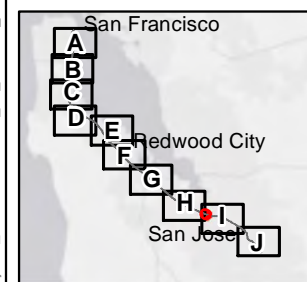
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 278 of 359  
 Grid Index: H and I  
 Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

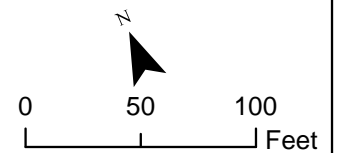
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

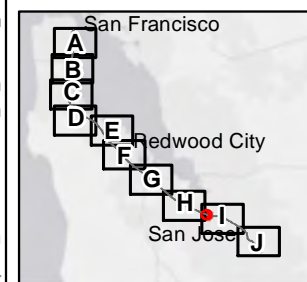
Page 279 of 359

Grid Index: I

Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

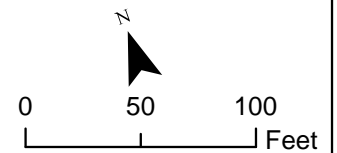
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 280 of 359

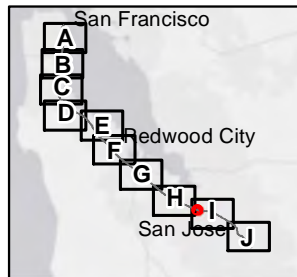
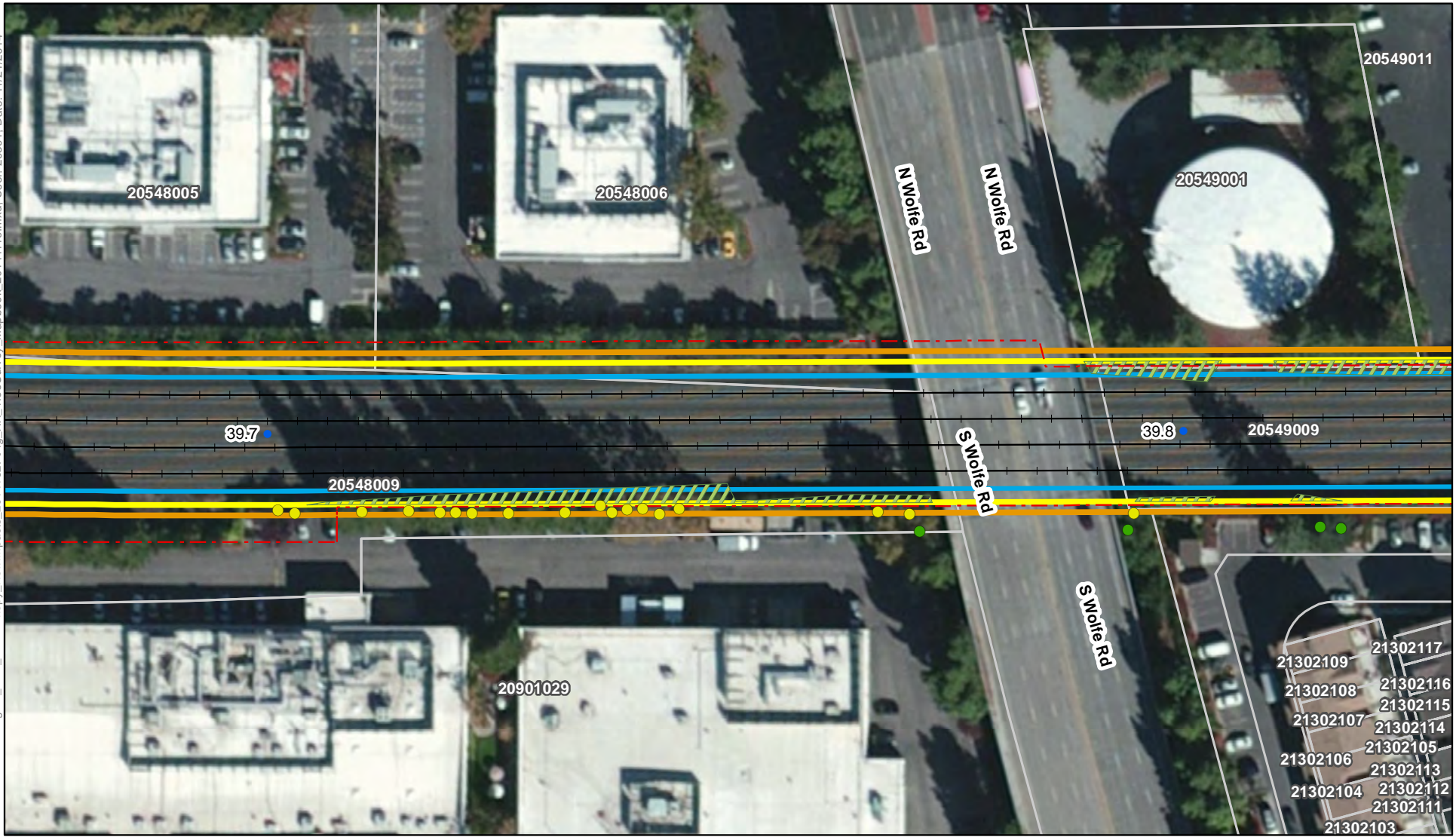
Grid Index: I

Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.





Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

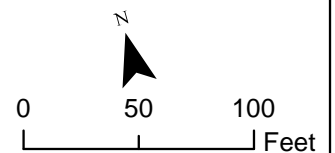
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

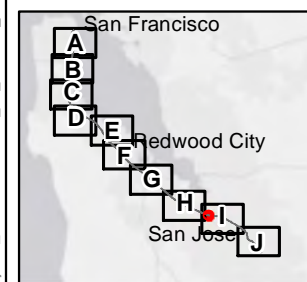
Page 281 of 359

Grid Index: I

Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

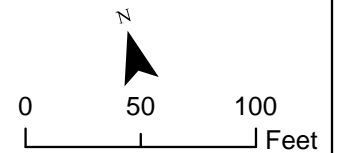


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

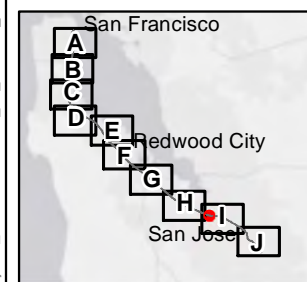
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 282 of 359  
 Grid Index: I  
 Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

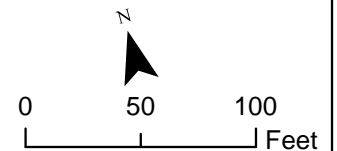


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

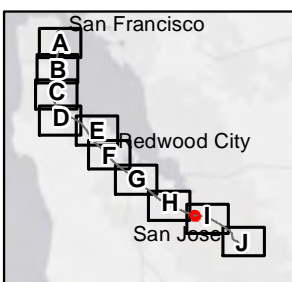
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 283 of 359  
 Grid Index: I  
 Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
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- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

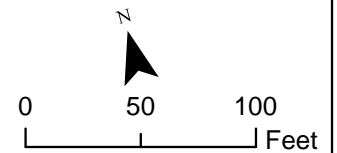
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

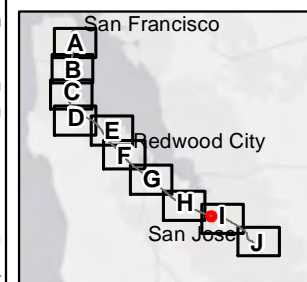
Page 284 of 359

Grid Index: I

Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



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 For restrictions on use of parcel data see the Notes section of the index map.

- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

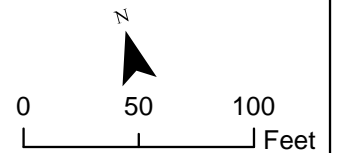
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

**Preliminary PCEP OCS/ESZ/Tree Impact Maps**

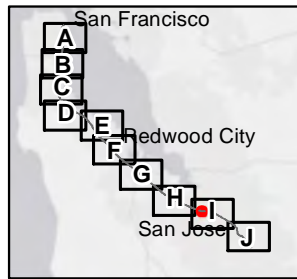
Page 285 of 359

Grid Index: I

Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

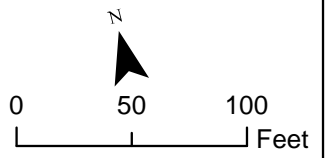


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 286 of 359  
 Grid Index: I  
 Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



20550013

20550016

20550015

20550014

20550032

20550039

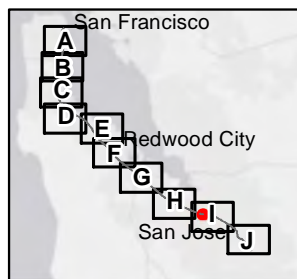
40.6

20550043

21301032

21301033

21301034



Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

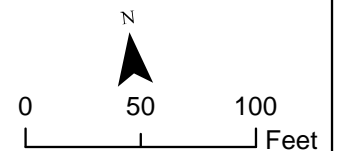
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

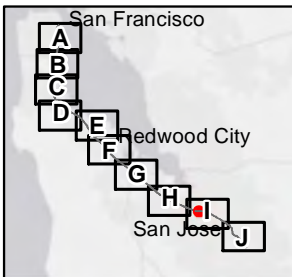
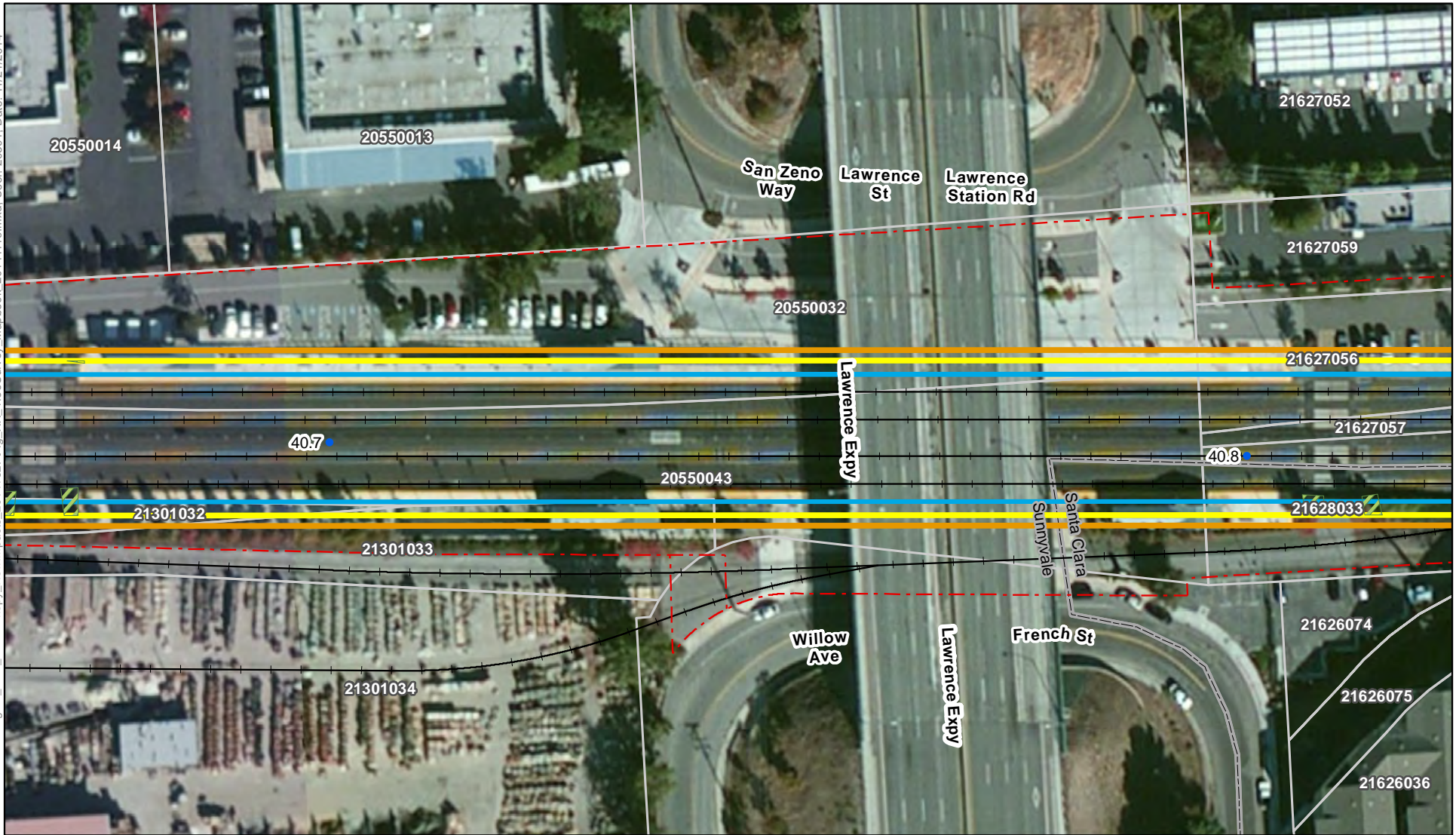
Page 287 of 359

Grid Index: I

Sunnyvale, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



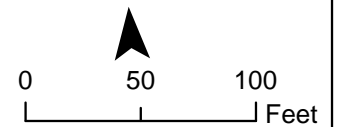
**Notes:**  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

- Track Mile Post
- JPB Right of Way
- Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

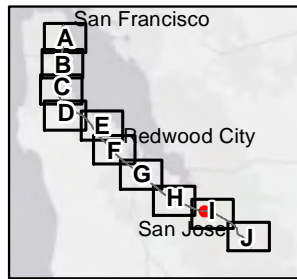
**Preliminary PCEP OCS/ESZ/Tree Impact Maps**  
 Page 288 of 359

Grid Index: I  
 Sunnyvale, Santa Clara County  
 Santa Clara, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



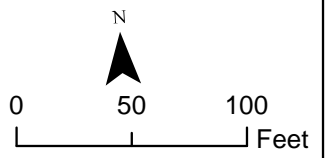


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

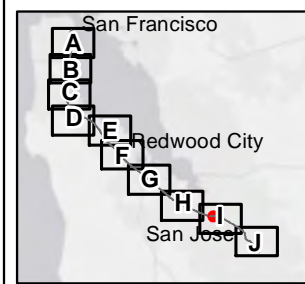
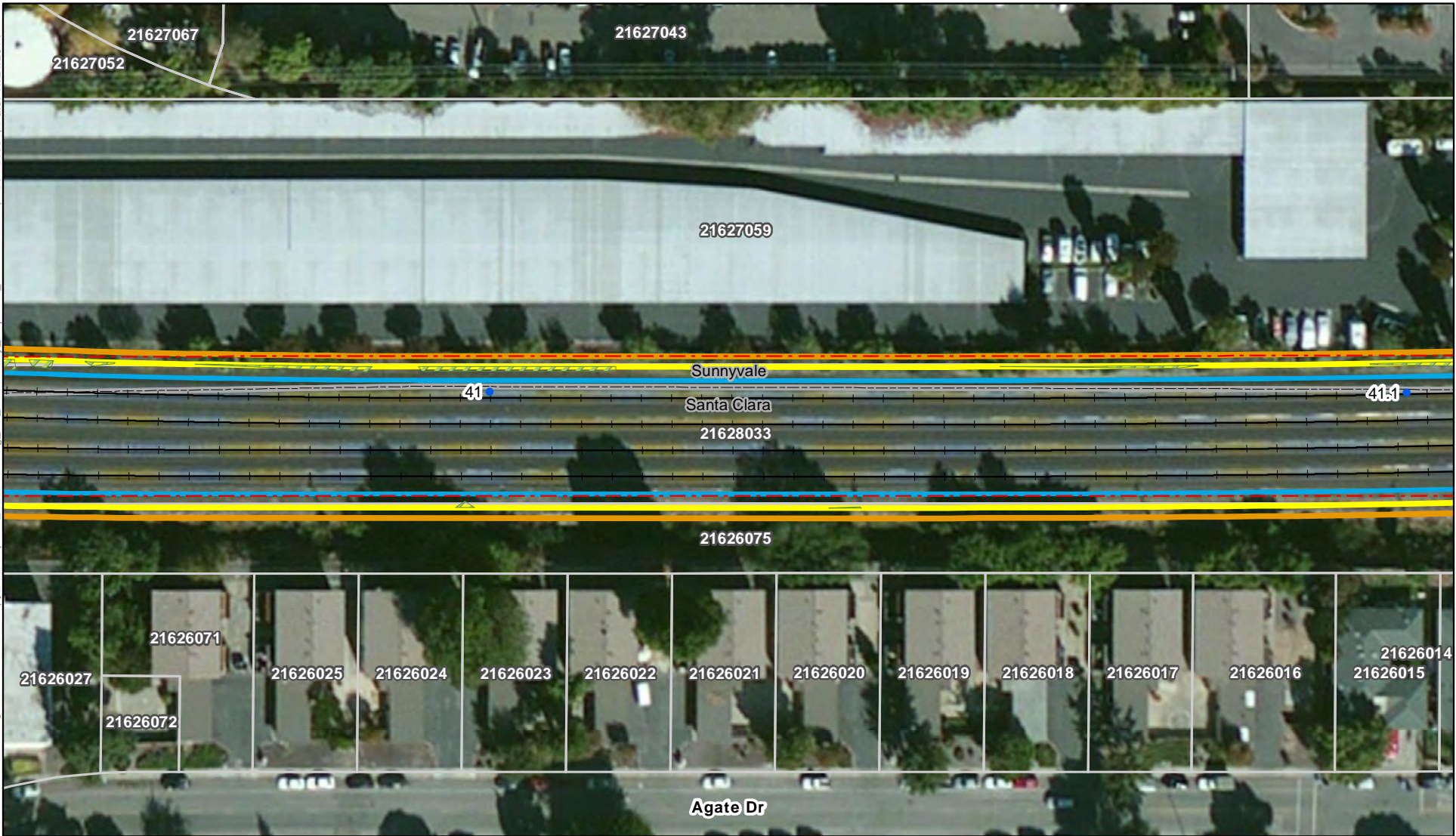
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 289 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

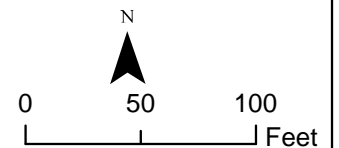


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
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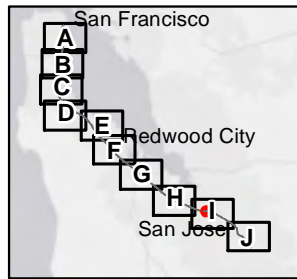
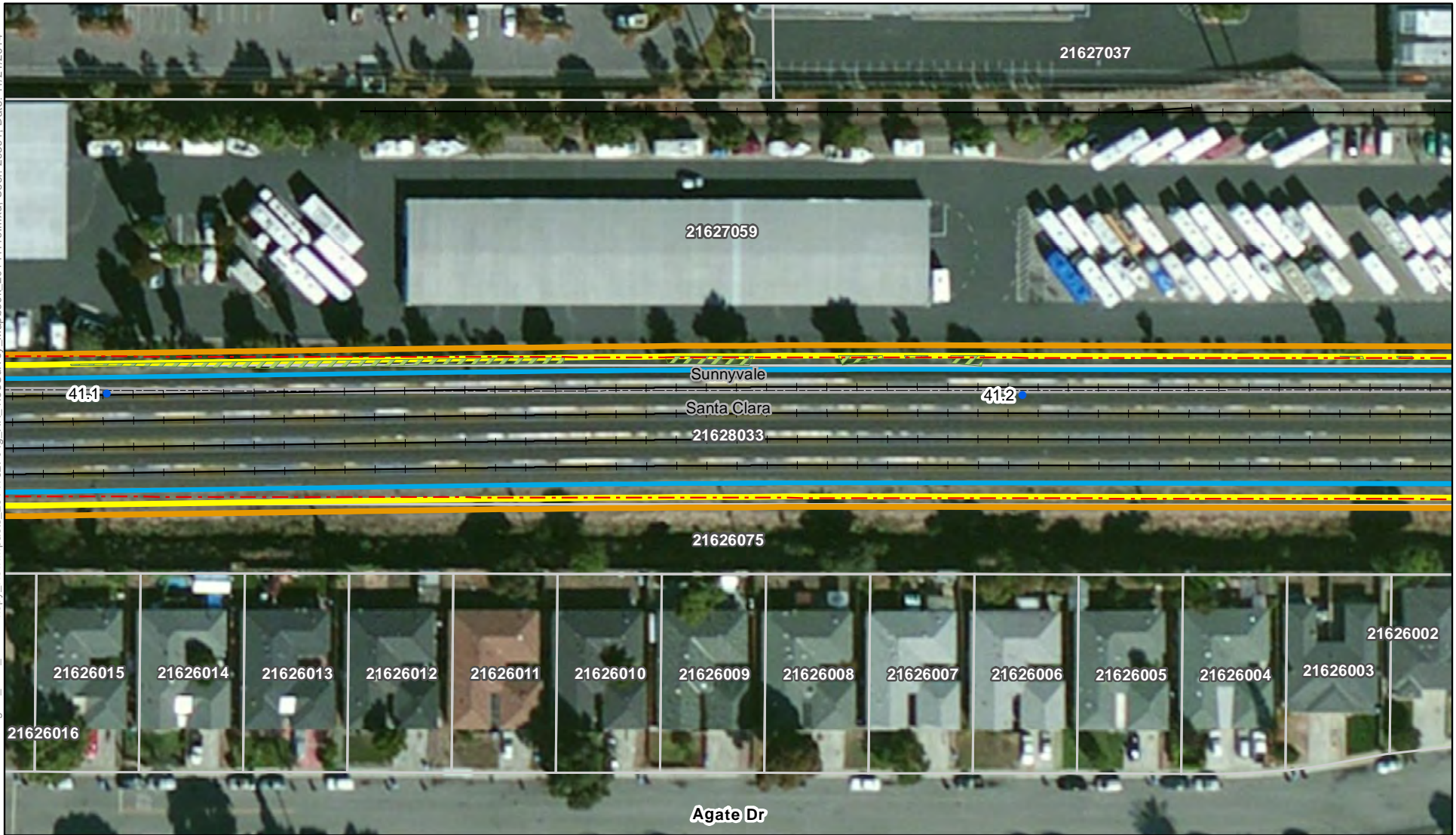
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

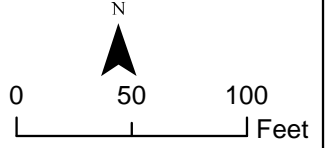


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
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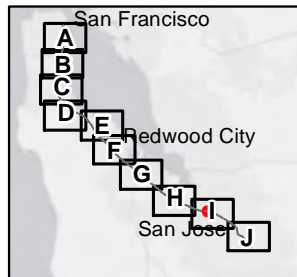
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 291 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



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- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

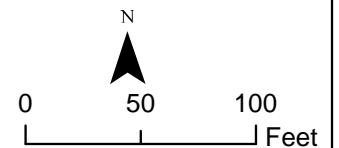
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

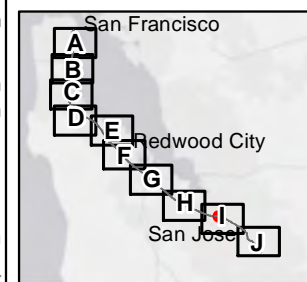
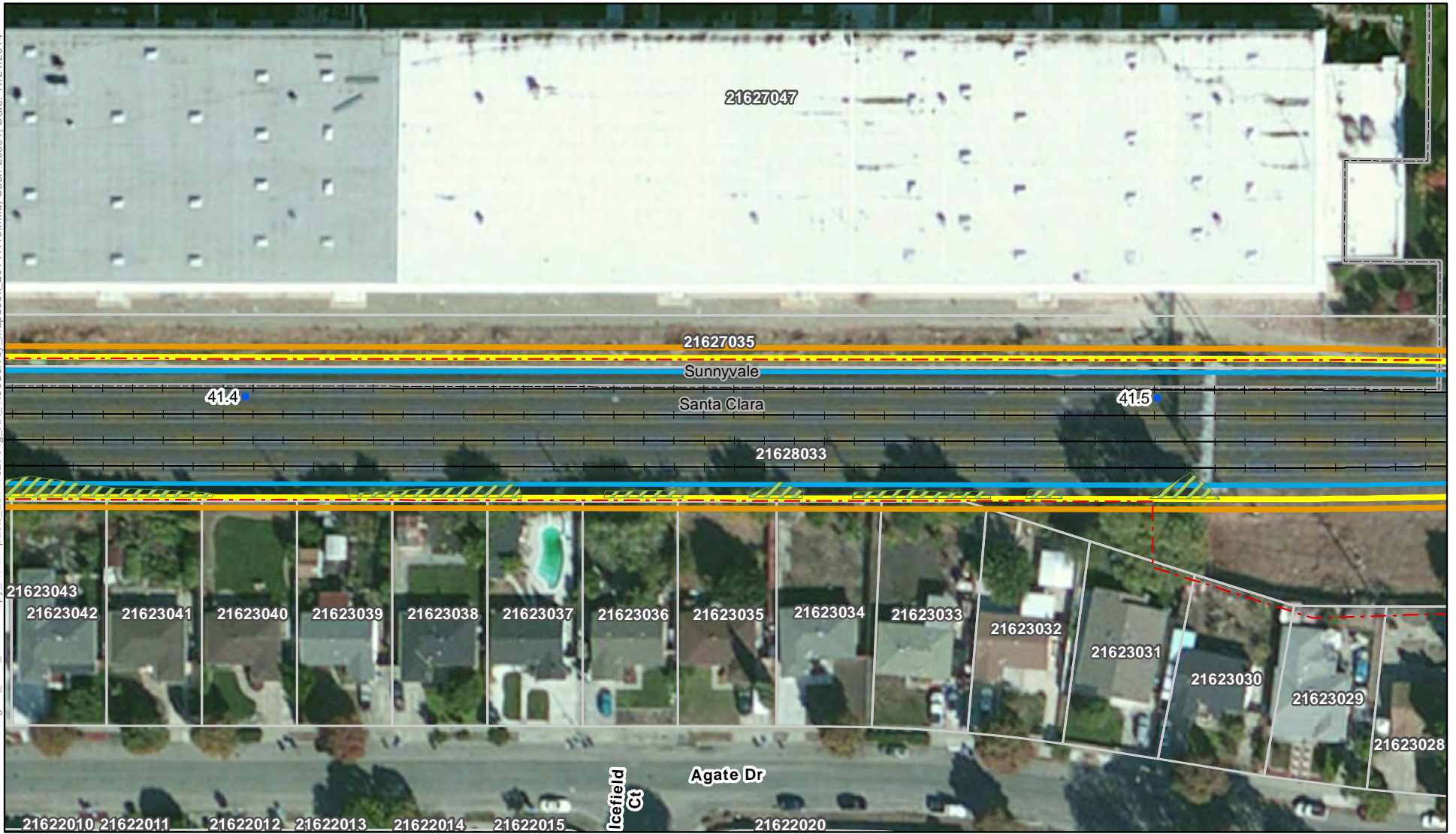
Page 292 of 359

Grid Index: I

Santa Clara, Santa Clara County



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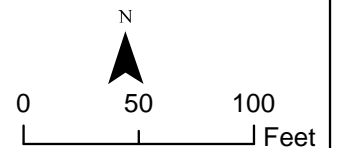


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- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

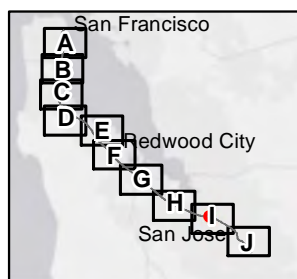
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps



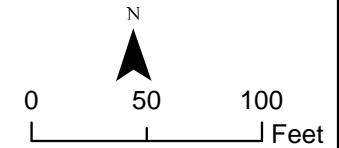
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Path: K:\Projects\_3\Caltrain\_3\Caltrain\_3\Caltrain\_Modernization\data\working\40\_ESZ\_TreeCanopy\_NewImpacts\_20141027\Fig\_XX\_TreeSurvey\_Mapbook\_20141119.mxd; User: 29391; Date: 11/21/2014



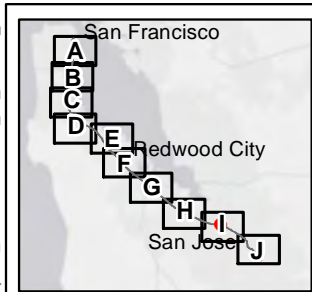
Notes:  
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- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*
- Tree Impact \*\*
  - No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove



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- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

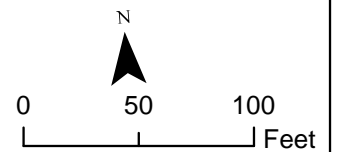
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 295 of 359

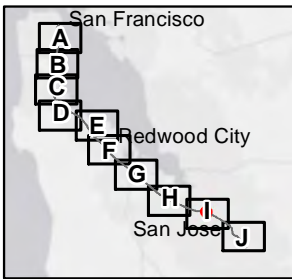
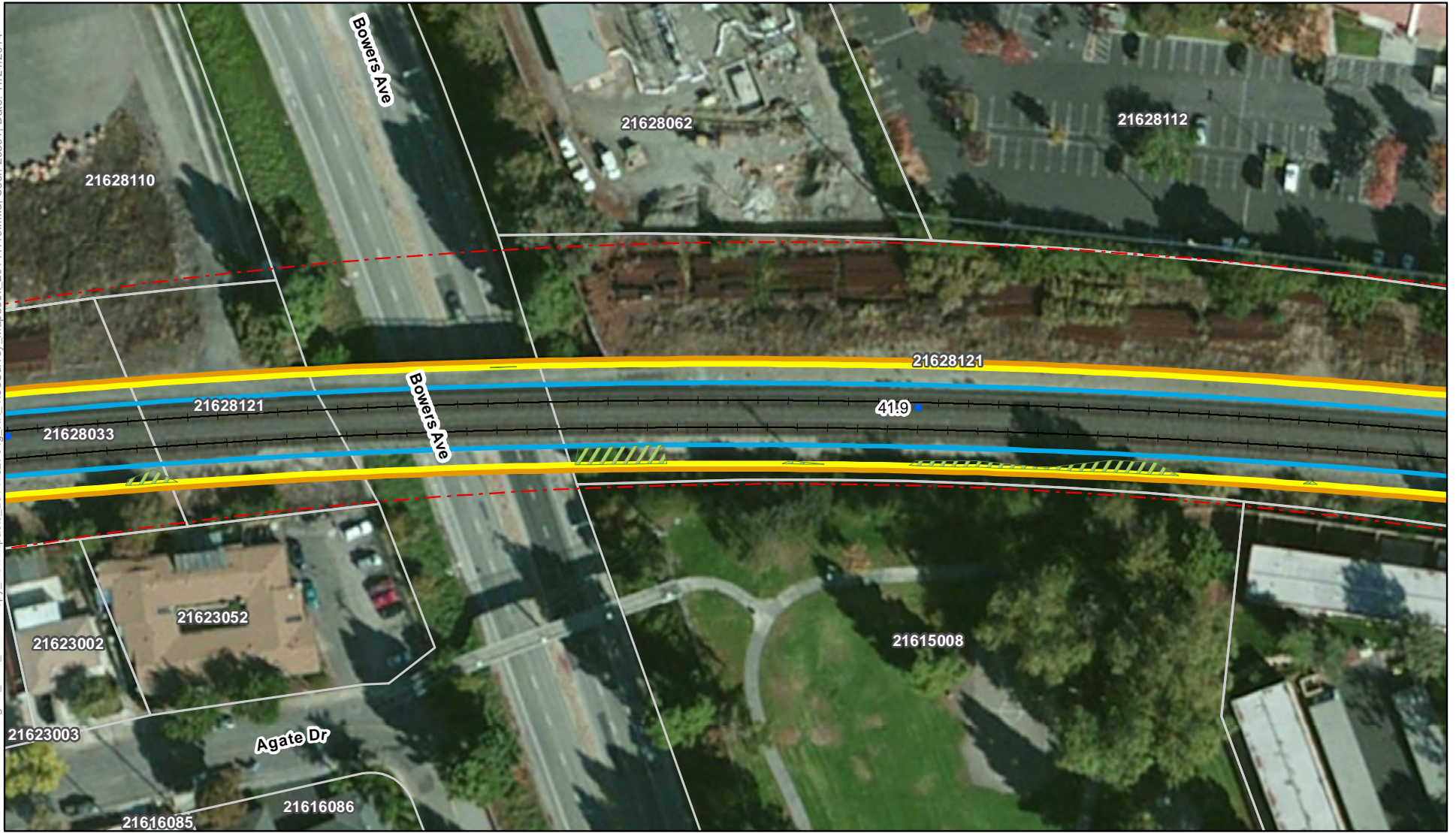
Grid Index: I

Santa Clara, Santa Clara County



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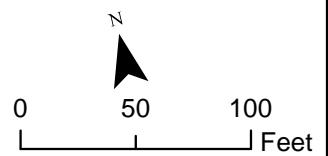


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- ▨ Tree Canopy within ESZ\*

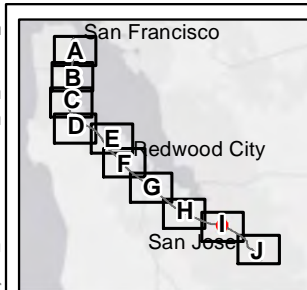
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 296 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



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- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

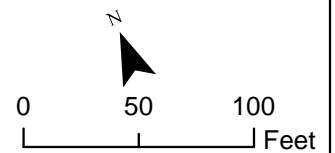
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

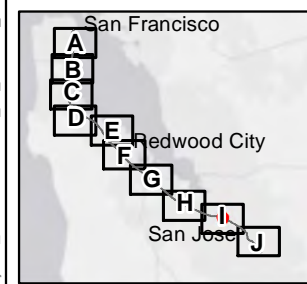
Page 297 of 359

Grid Index: I

Santa Clara, Santa Clara County



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- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

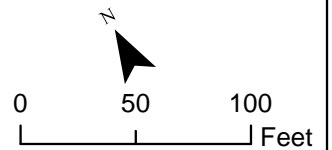
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

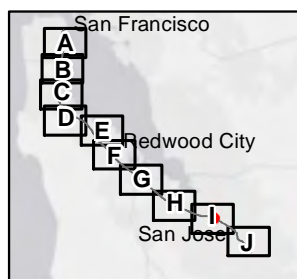
Page 298 of 359

Grid Index: I

Santa Clara, Santa Clara County



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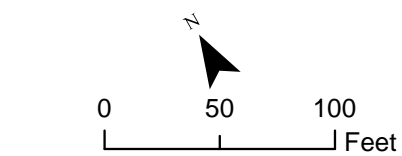


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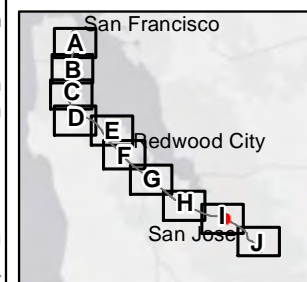
- Track Mile Post
- JPB Right of Way
- Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 299 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



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- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

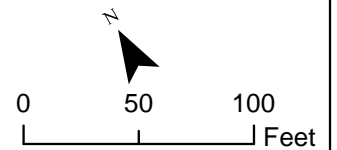
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

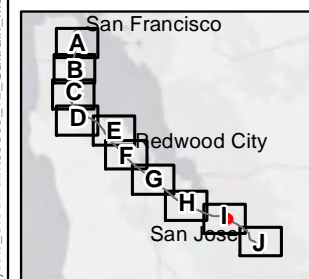
Page 300 of 359

Grid Index: I

Santa Clara, Santa Clara County



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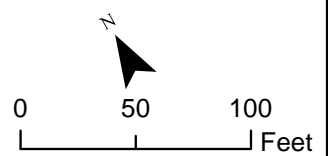
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- Tracks
- Parcel
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- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

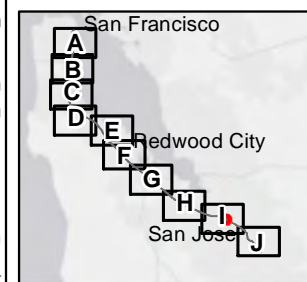
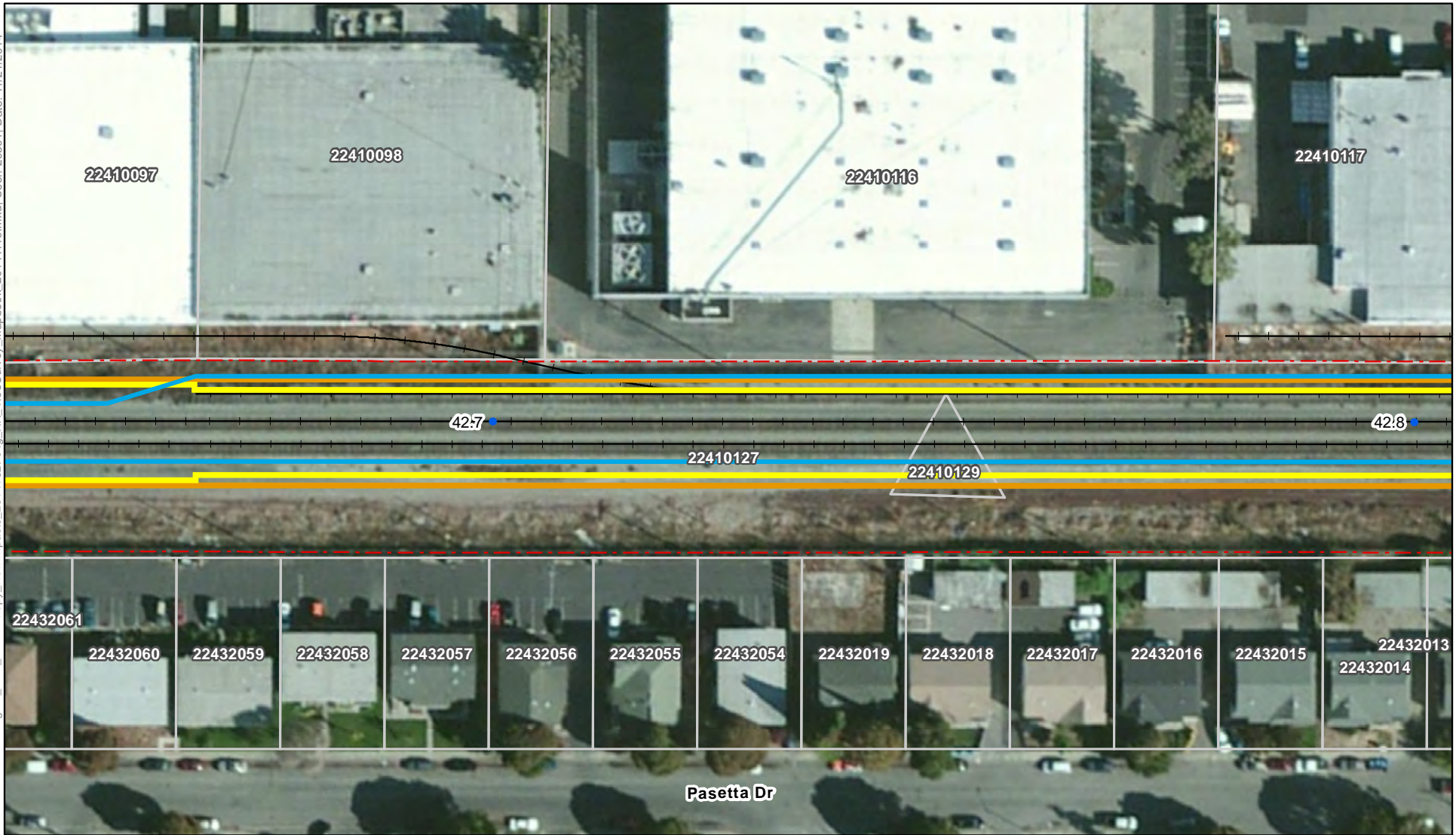
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 301 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



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- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

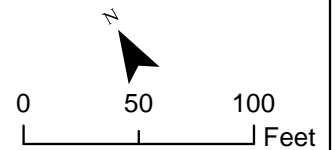
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
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  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

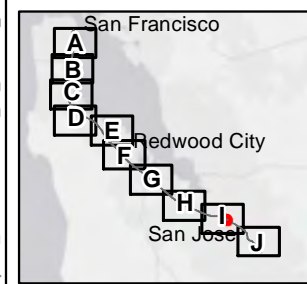
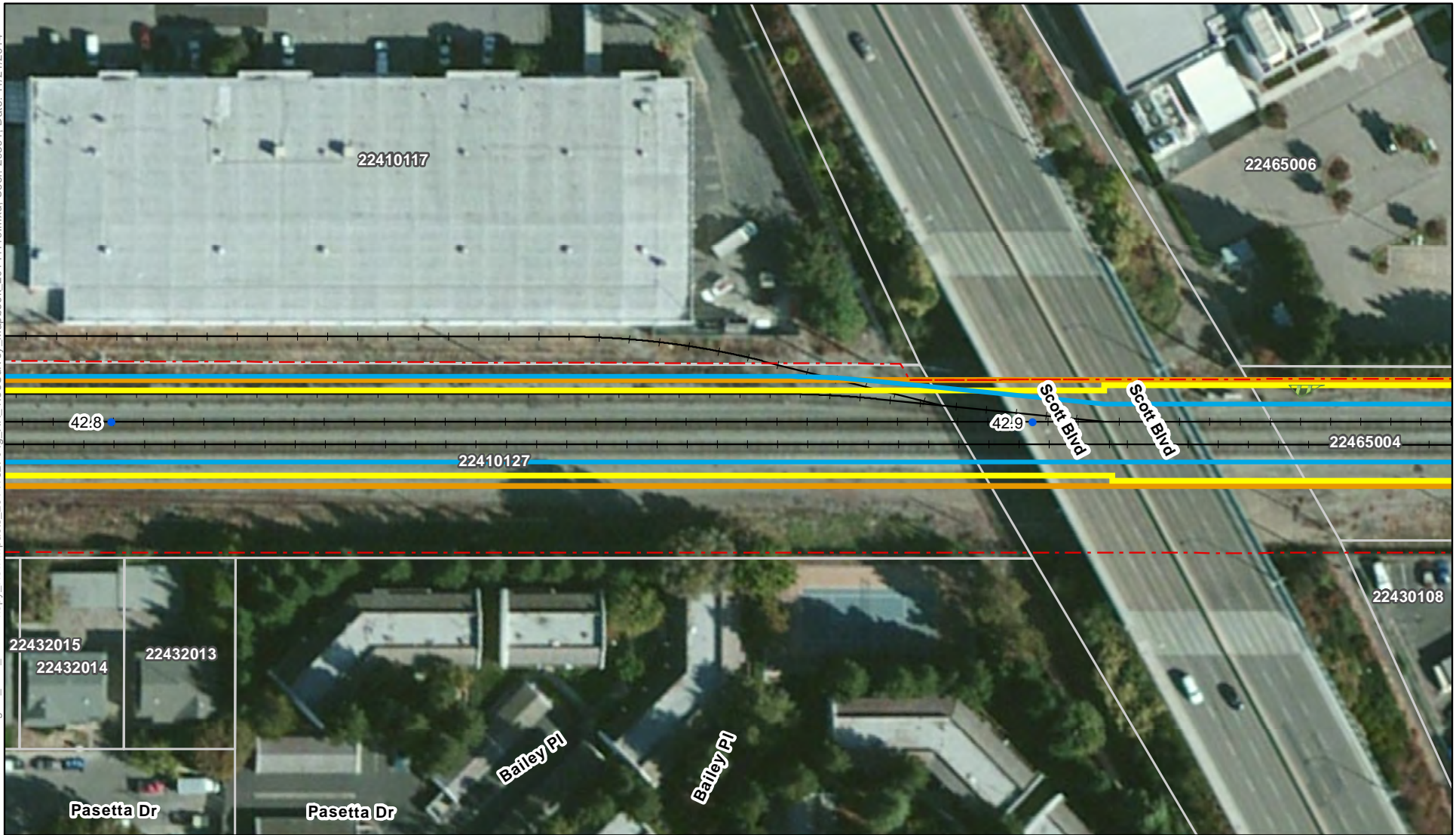
Page 302 of 359

Grid Index: I

Santa Clara, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



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- ▨ Tree Canopy within ESZ\*

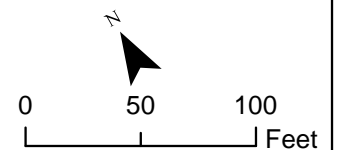
- Tree Impact \*\***
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  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

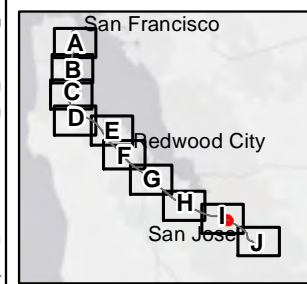
Page 303 of 359

Grid Index: I

Santa Clara, Santa Clara County



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- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

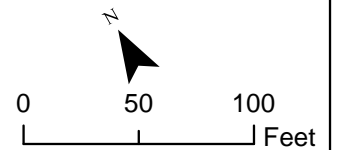
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 304 of 359

Grid Index: I

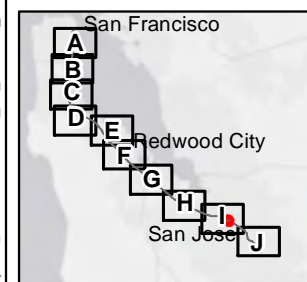
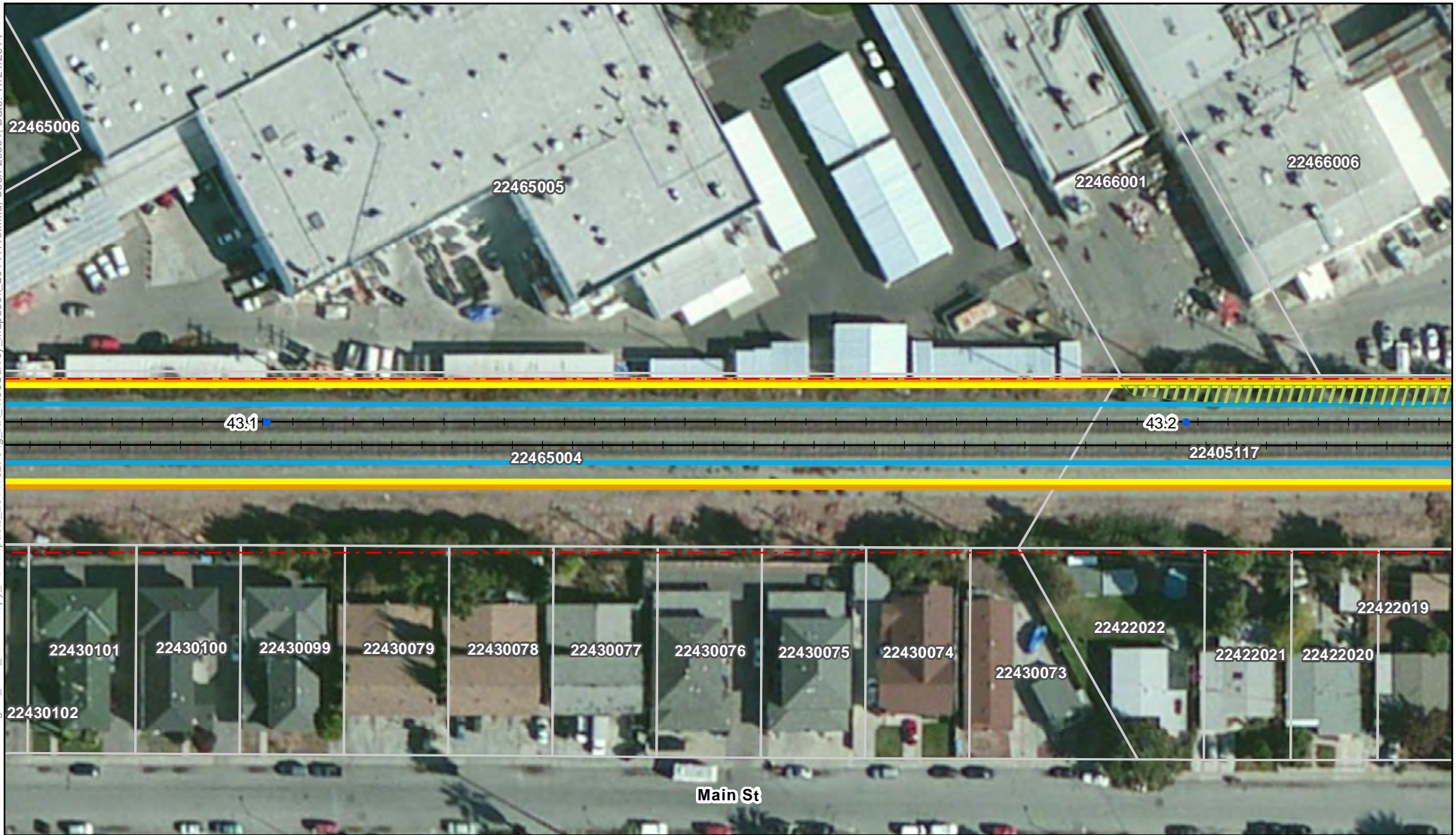
Santa Clara, Santa Clara County



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- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

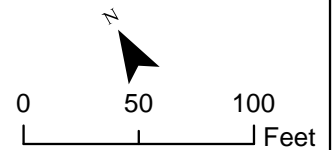
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

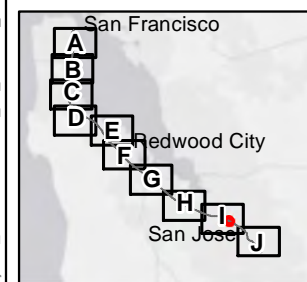
Page 305 of 359

Grid Index: I

Santa Clara, Santa Clara County



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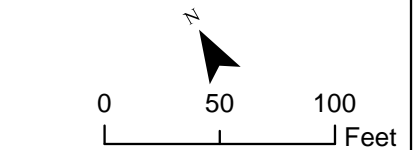


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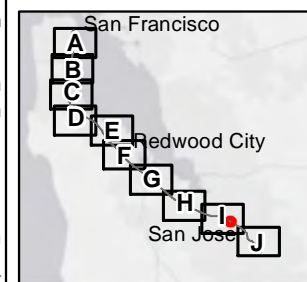
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 306 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



Notes:  
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- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

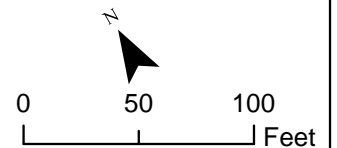
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

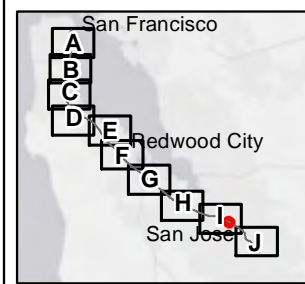
Page 307 of 359

Grid Index: I

Santa Clara, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

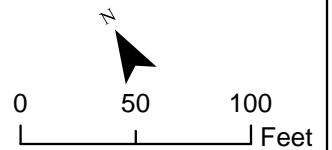


Notes:  
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- Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

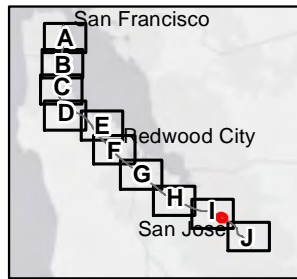
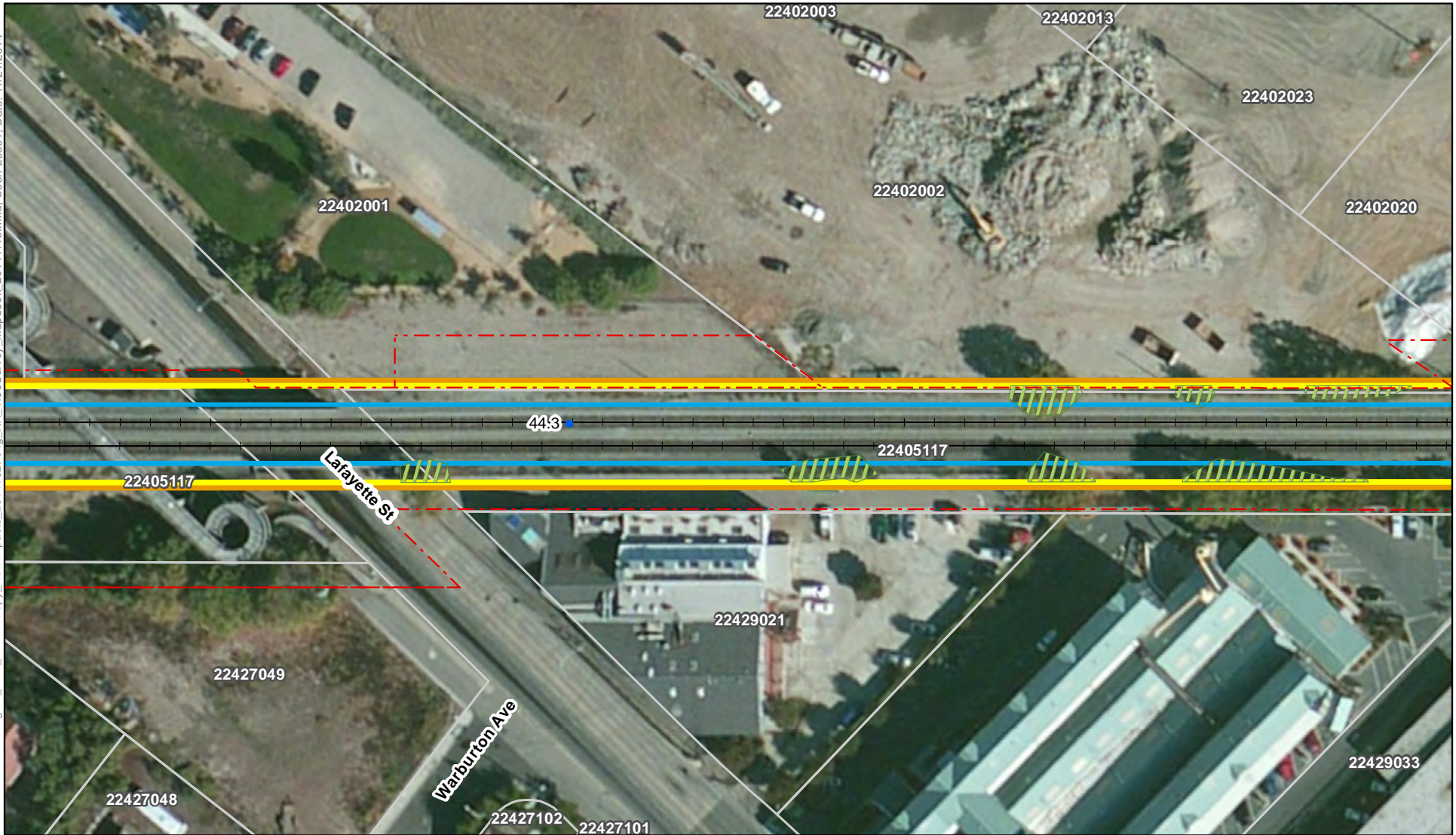
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

Path: K:\Projects\_3\Caltrain\_Moderization\data\working\40\_ESZ\_TreeCanopy\_NewImpacts\_20141027\Fig\_XX\_TreeSurvey\_Mapbook\_20141119.mxd; User: 29391; Date: 11/21/2014

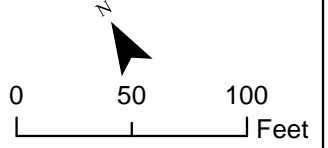


Notes:  
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- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

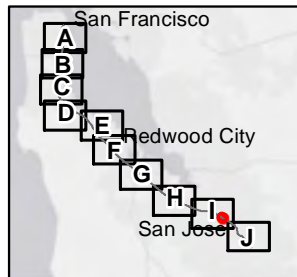
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 309 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



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- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

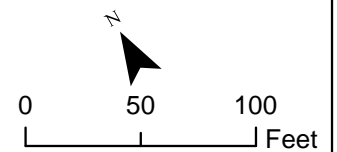
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 310 of 359

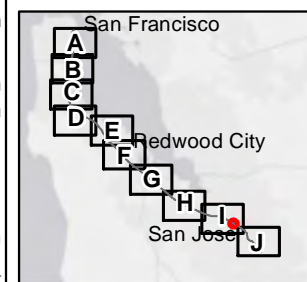
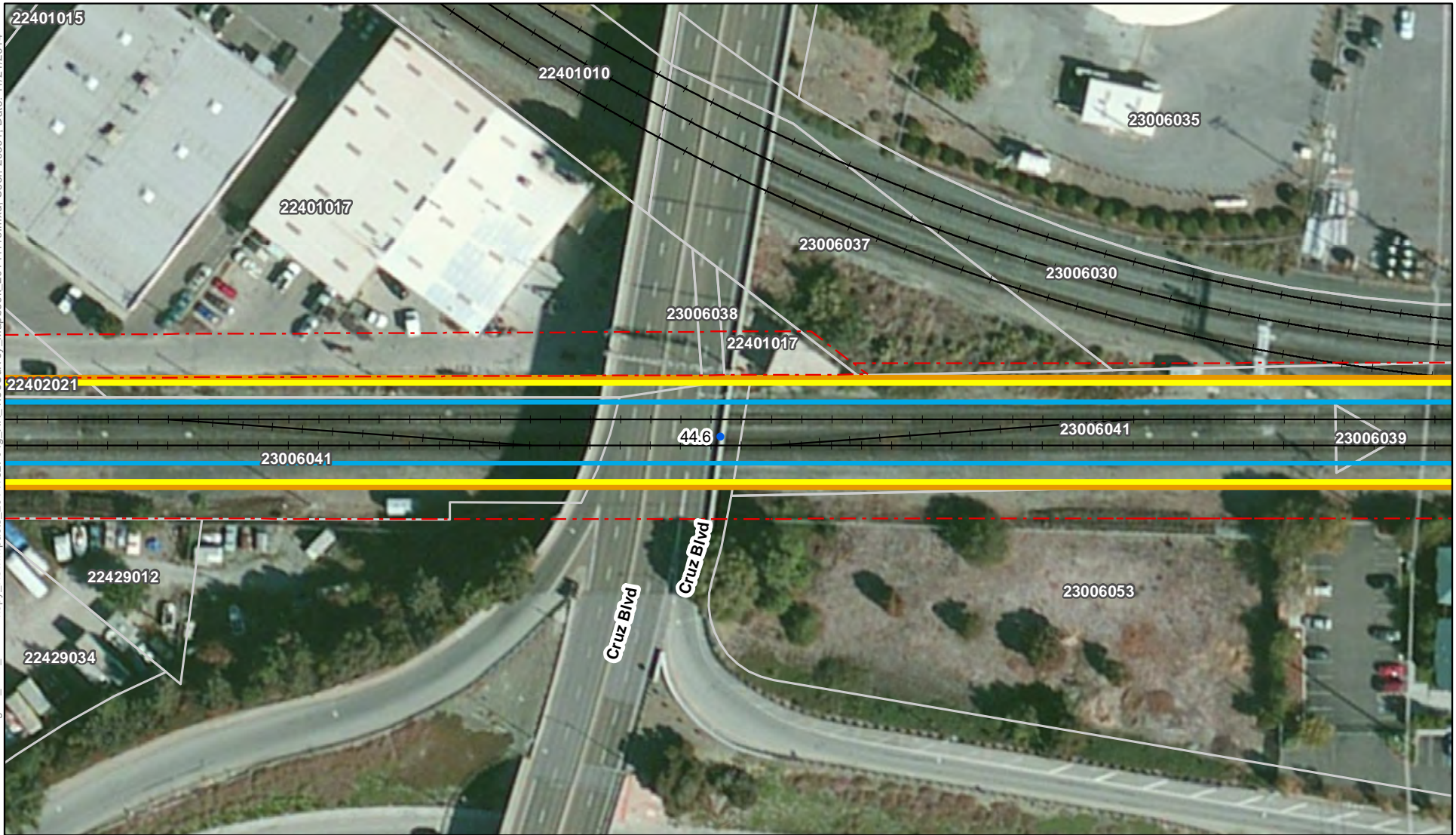
Grid Index: I

Santa Clara, Santa Clara County



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- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

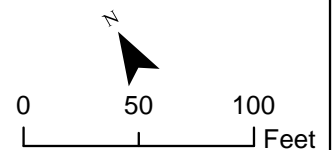
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

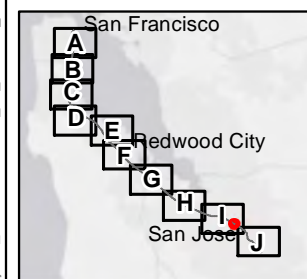
Page 311 of 359

Grid Index: I

Santa Clara, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

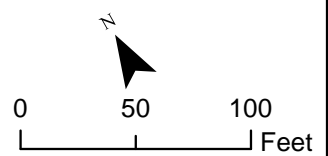


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- Track Mile Post
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  - + Tracks
  - Parcel
  - OCS (outer pole alignment)
  - ESZ - 21'/18' offset
  - ESZ - 24' offset
  - ▨ Tree Canopy within ESZ\*
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

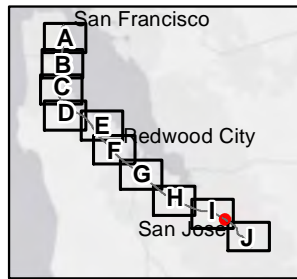
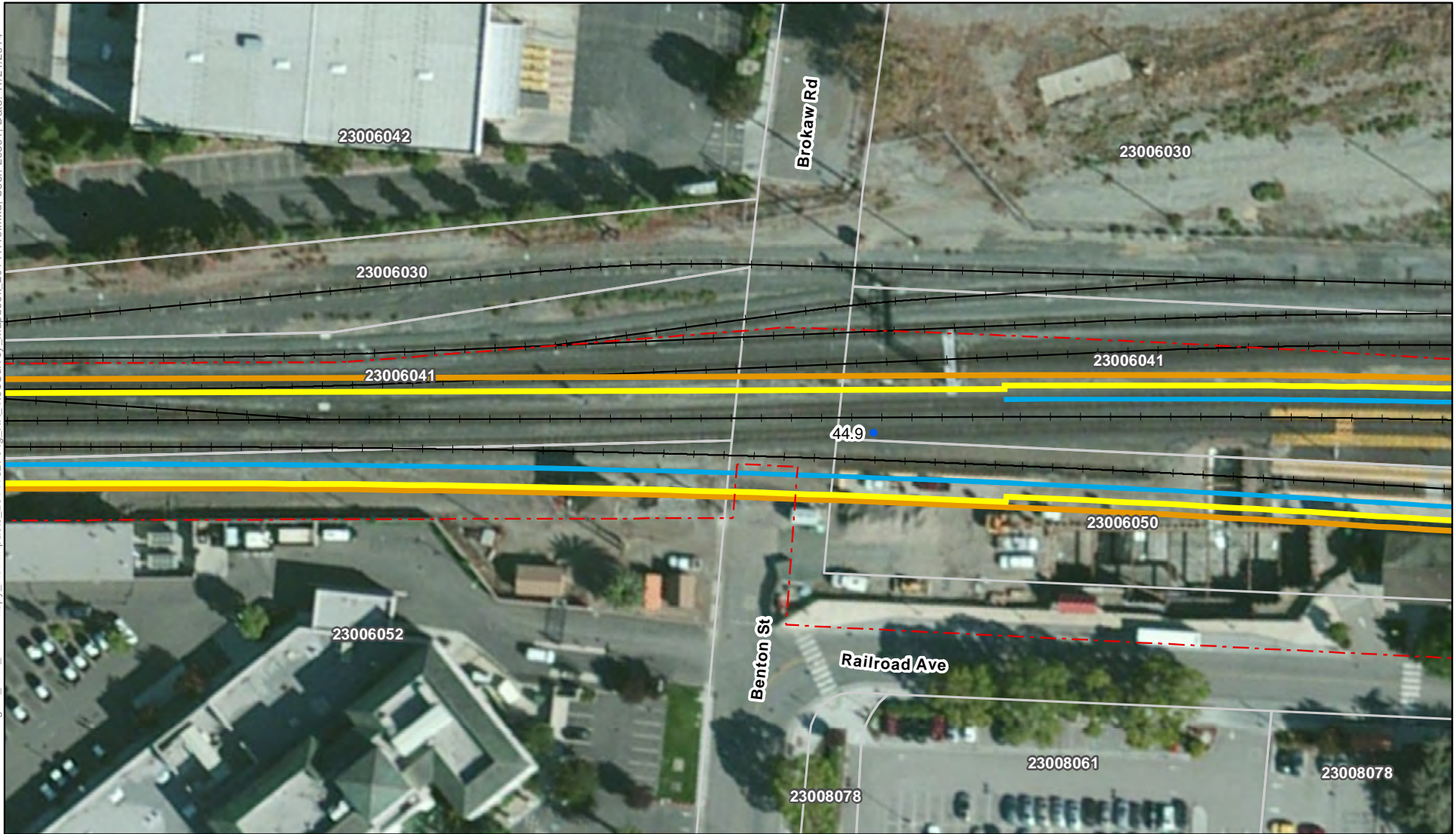
**Preliminary PCEP OCS/ESZ/Tree Impact Maps**

Page 312 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.

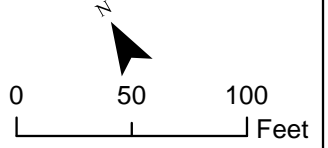




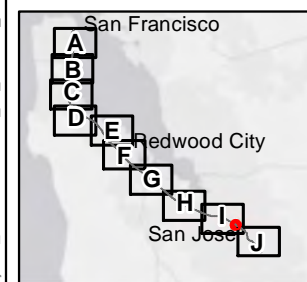
Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
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- Track Mile Post
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  - + Tracks
  - Parcel
  - OCS (outer pole alignment)
  - ESZ - 21'/18' offset
  - ESZ - 24' offset
  - Tree Canopy within ESZ\*
- Tree Impact \*\*
  - No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 313 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



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- OCS (outer pole alignment)
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- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

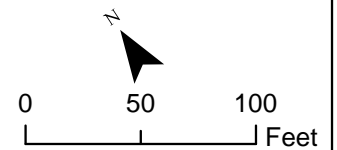
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 314 of 359

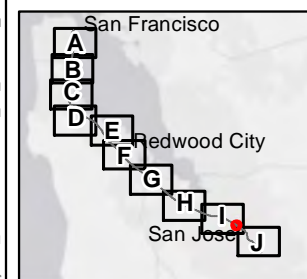
Grid Index: I

Santa Clara, Santa Clara County



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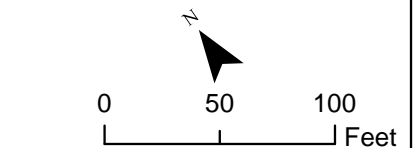


Notes:  
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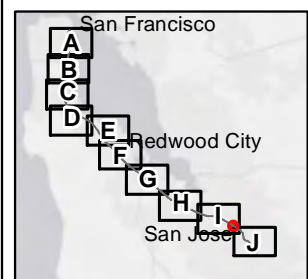
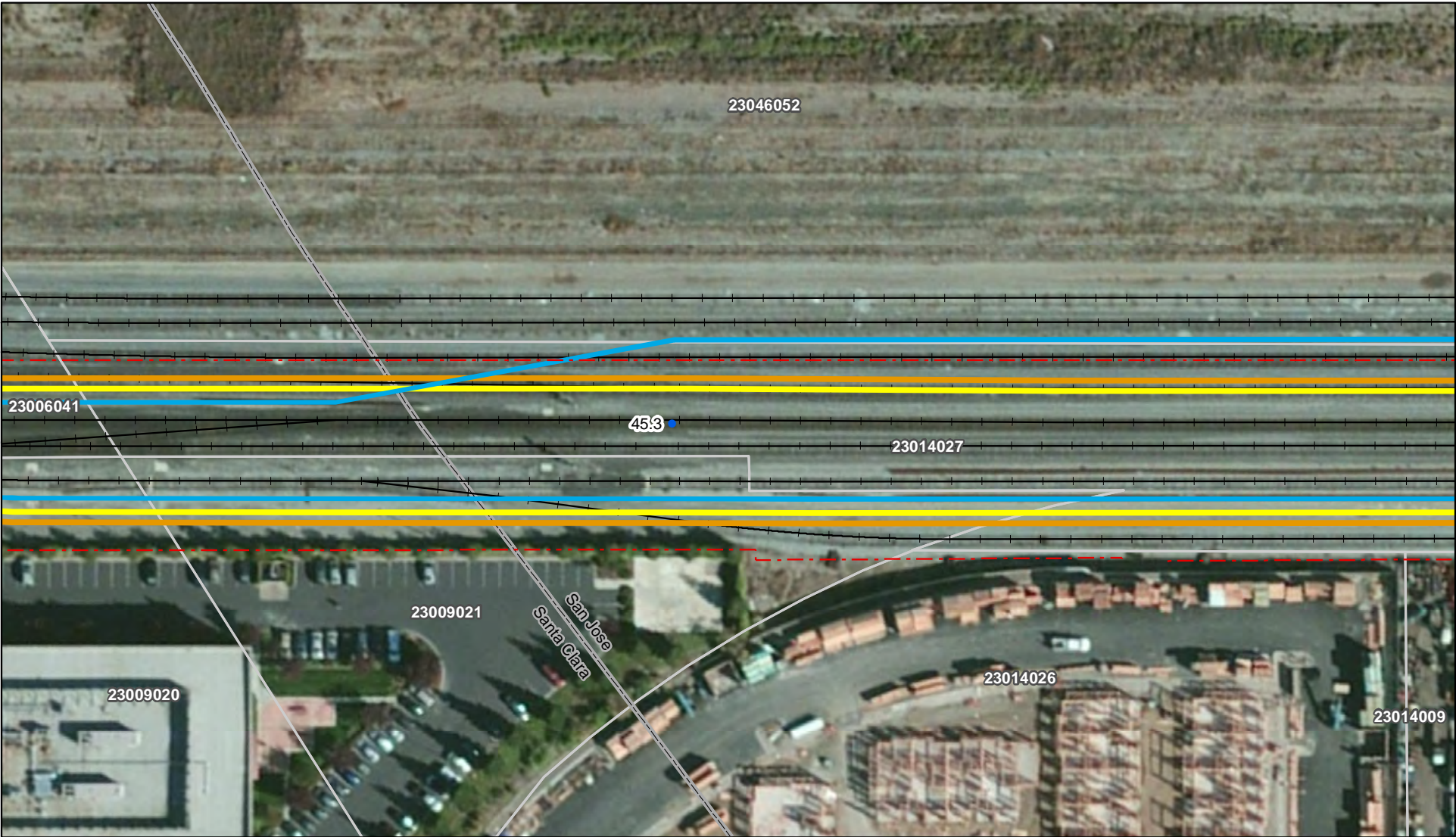
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 315 of 359  
 Grid Index: I  
 Santa Clara, Santa Clara County



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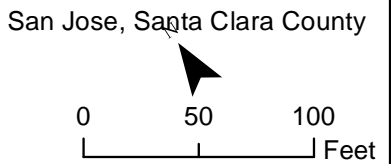
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- Parcel
- OCS (outer pole alignment)
- ▭ ESZ - 21'/18' offset
- ▭ ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

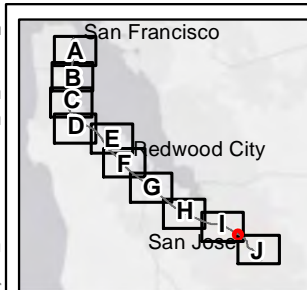
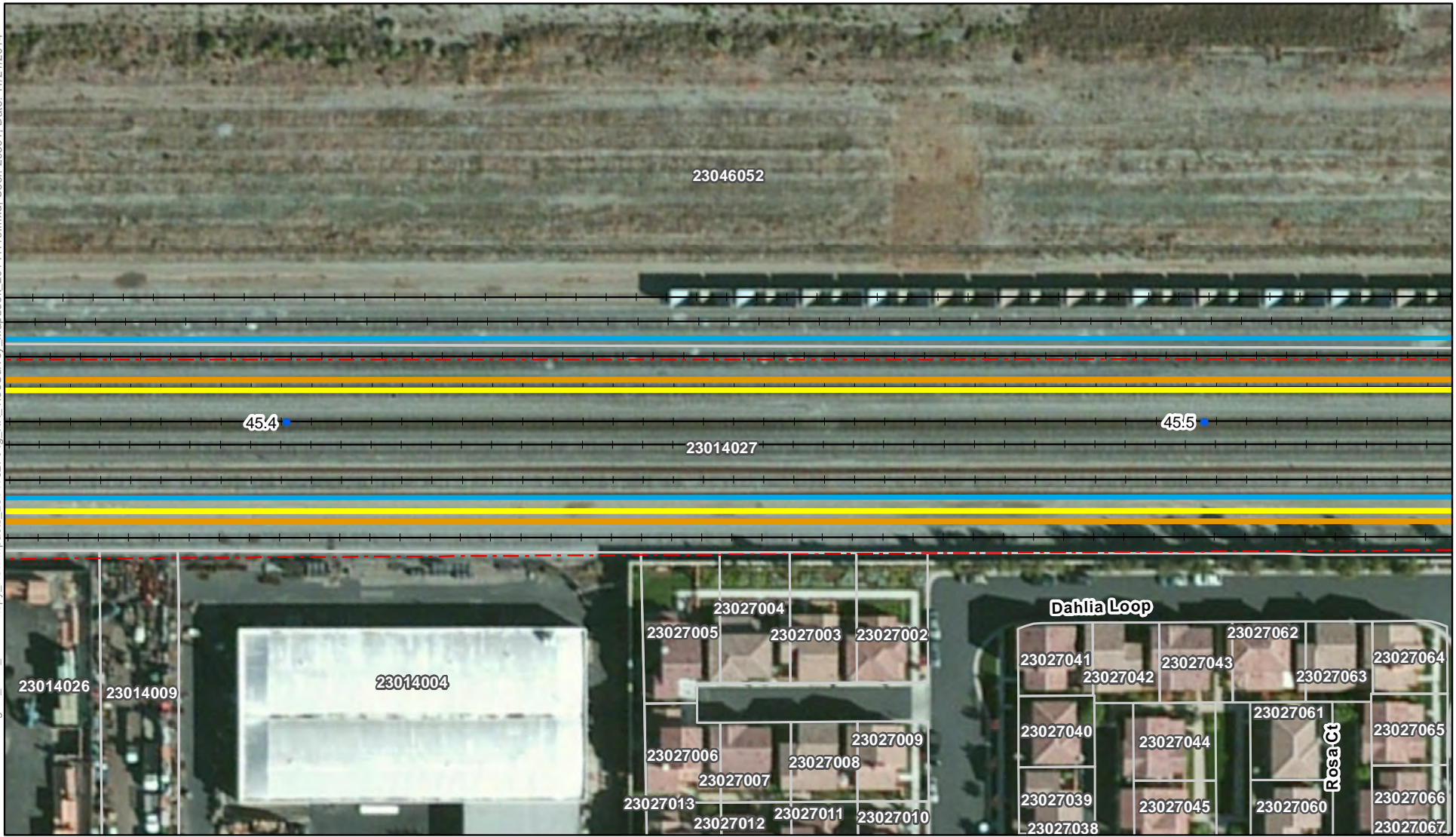
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 316 of 359  
 Grid Index: I  
 San Jose, Santa Clara County



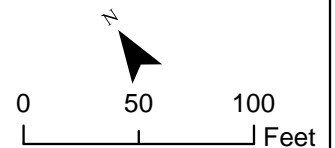
Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



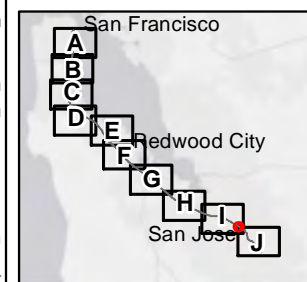
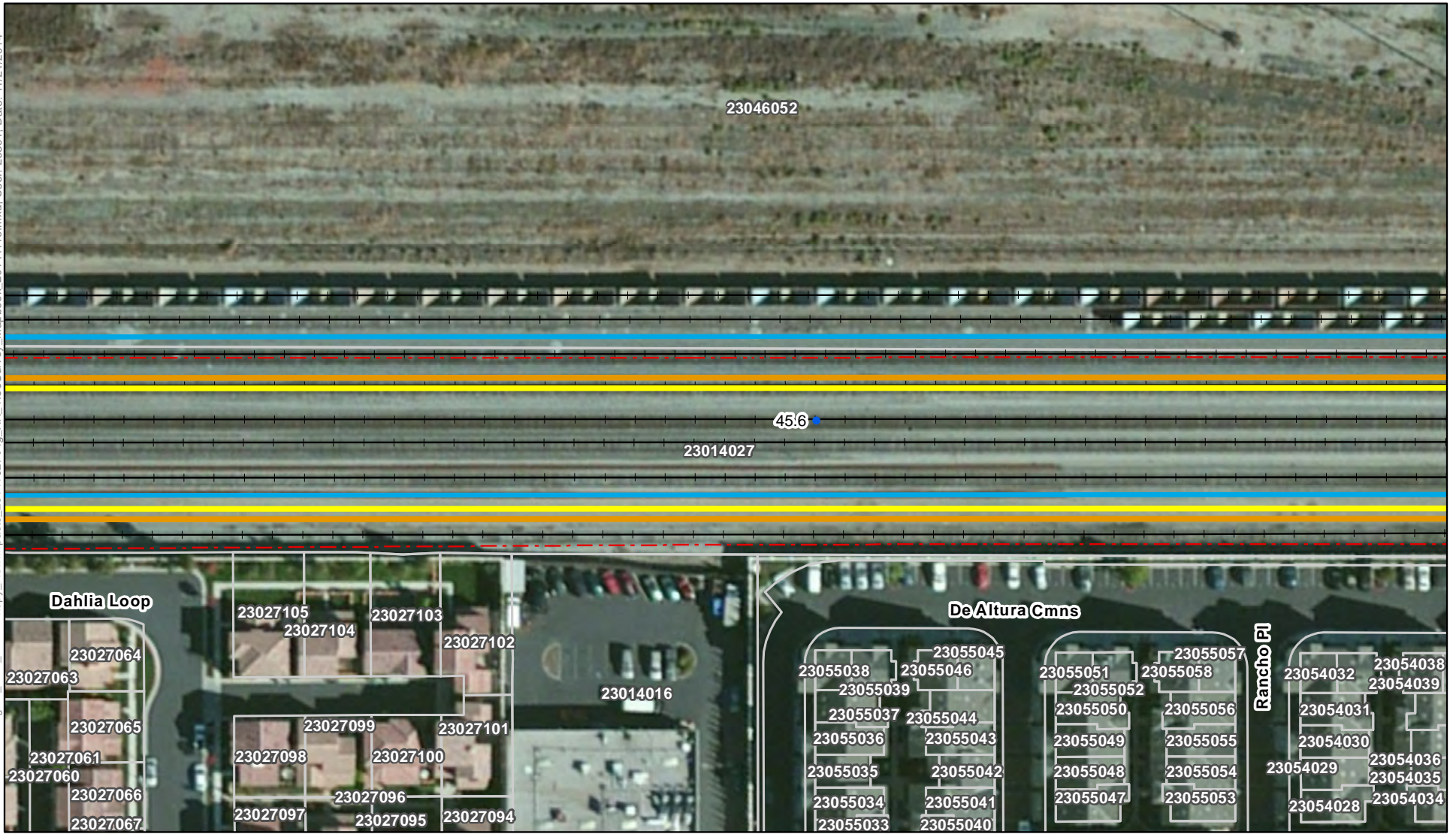
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  - + Tracks
  - Parcel
  - OCS (outer pole alignment)
  - ESZ - 21'/18' offset
  - ESZ - 24' offset
  - ▨ Tree Canopy within ESZ\*
- Tree Impact \*\*
  - No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps



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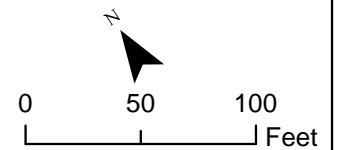
Notes:  
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- Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ\*

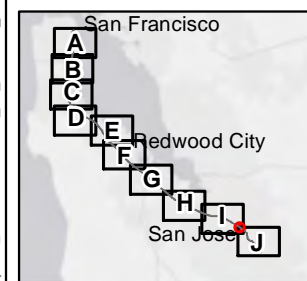
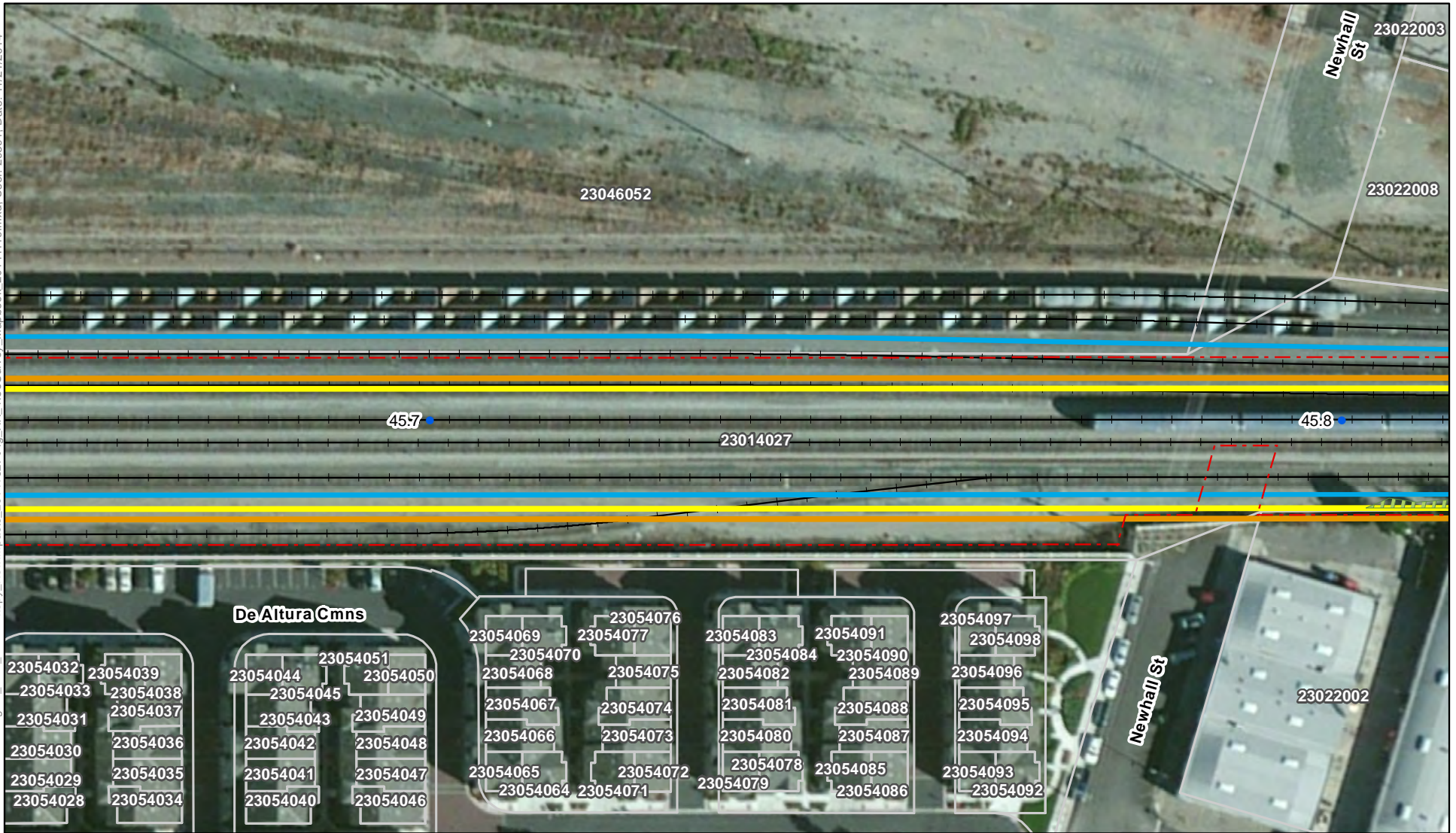
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 318 of 359  
 Grid Index: I and J  
 San Jose, Santa Clara County



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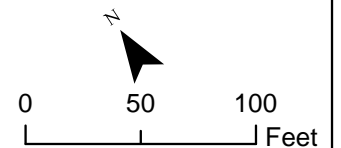


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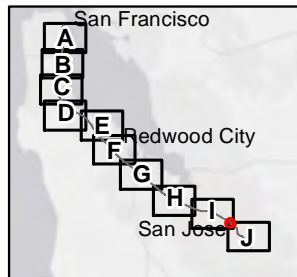
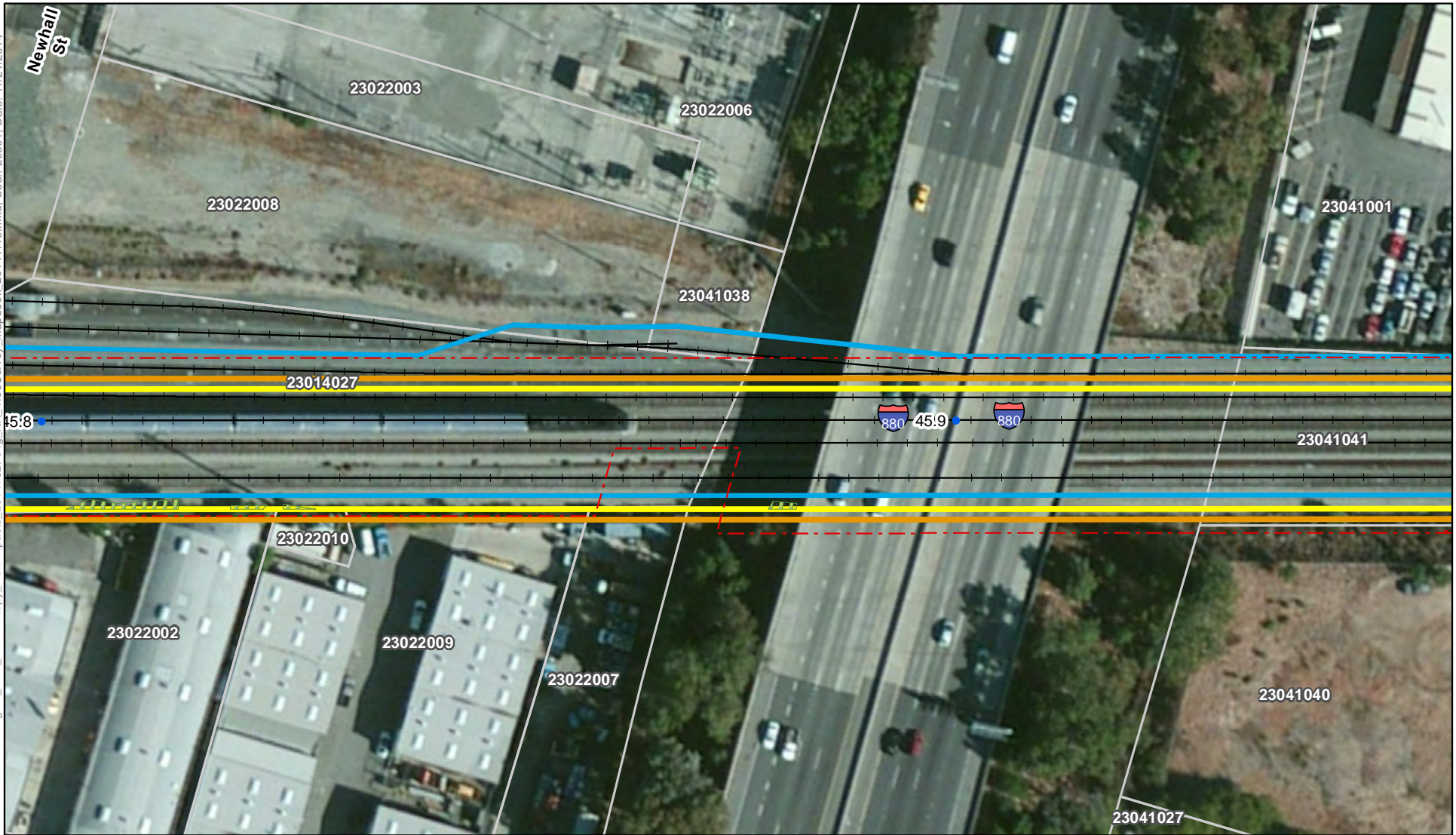
- Track Mile Post
- - - JPB Right of Way
- Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 319 of 359  
 Grid Index: I and J  
 San Jose, Santa Clara County



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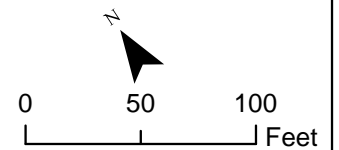


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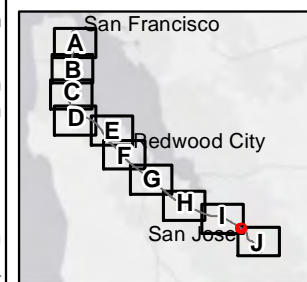
- Tree Impact \*\***
- No Impact
  - 50% Prune
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Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 320 of 359  
 Grid Index: I and J  
 San Jose, Santa Clara County



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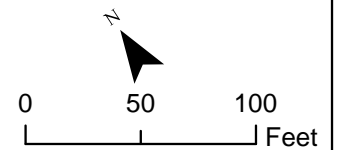


Notes:  
 \* Tree canopy was determined from NAIP 2009 data.  
 \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.  
 For restrictions on use of parcel data see the Notes section of the index map.

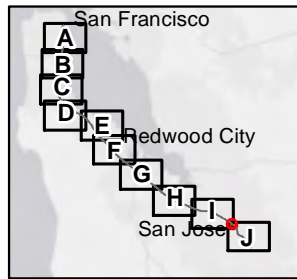
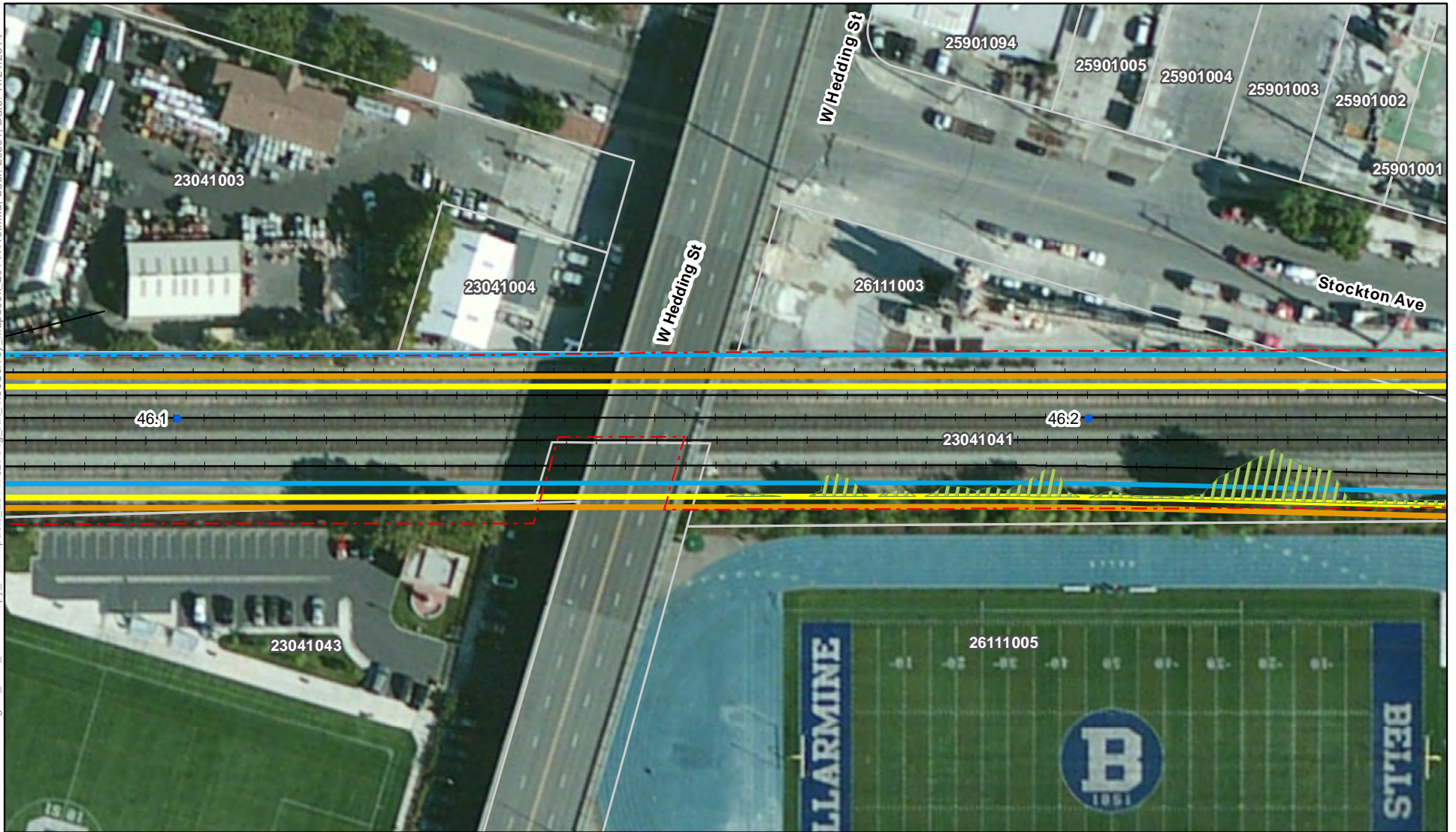
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ\*

- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 321 of 359  
 Grid Index: I and J  
 San Jose, Santa Clara County



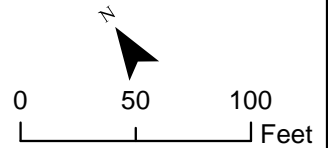
Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design considerations, it may be necessary to have an ESZ up to 24 feet which is also shown in the maps.



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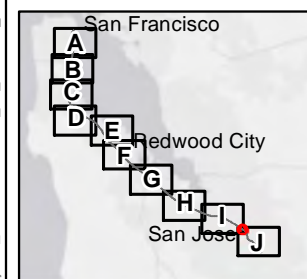
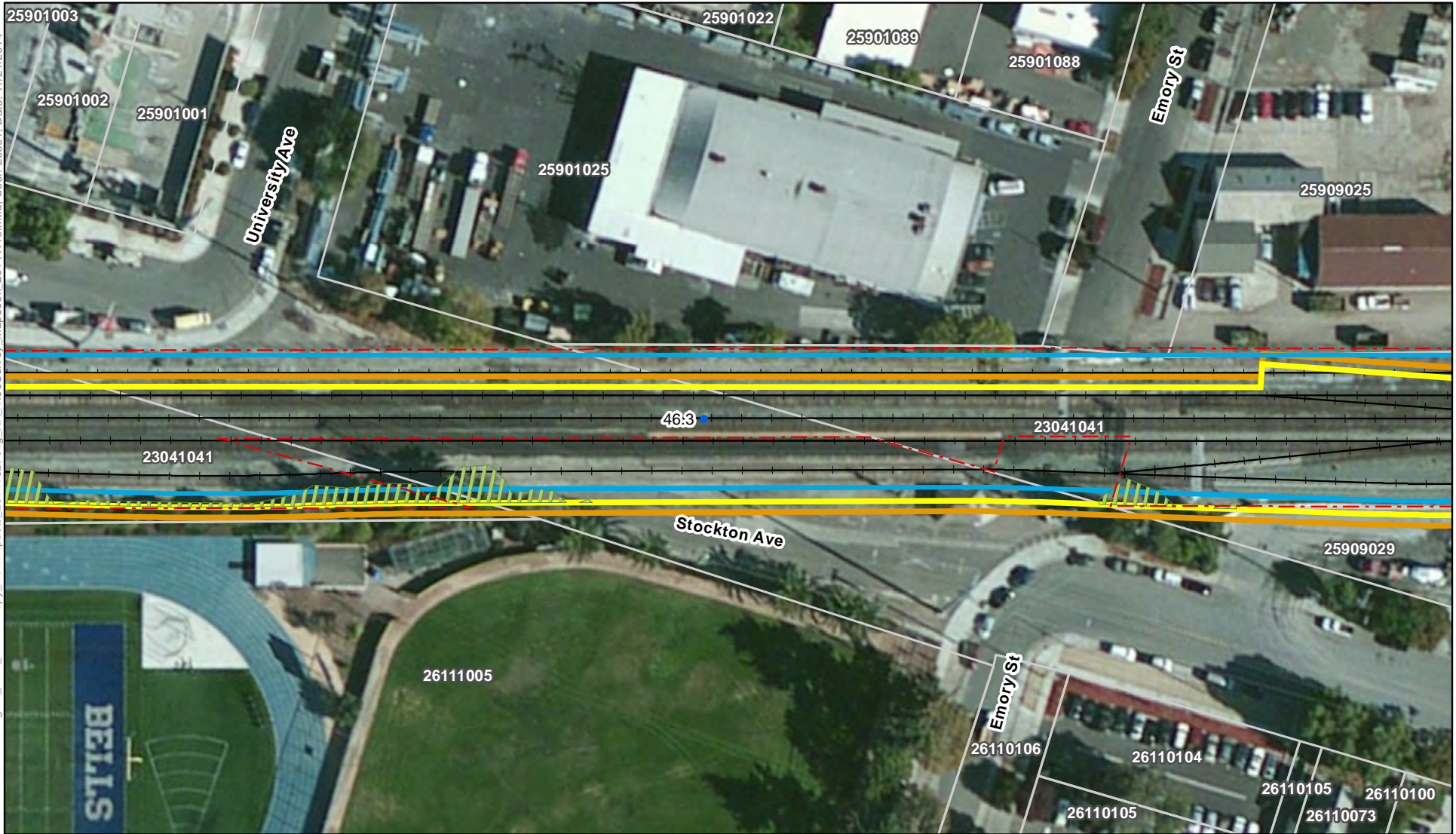
- Track Mile Post
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Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 322 of 359  
 Grid Index: I and J  
 San Jose, Santa Clara County



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Path: K:\Projects\_3\Caltrain\_3\Caltrain\_3\Modernization\data\working\40\_ESZ\_TreeCanopy\_NewImpacts\_20141027\Fig\_XX\_TreeSurvey\_Mapbook\_20141119.mxd; User: 29391; Date: 11/21/2014

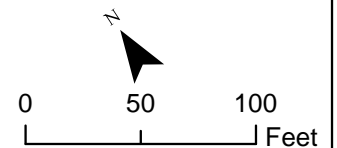


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Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 323 of 359  
 Grid Index: I and J  
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