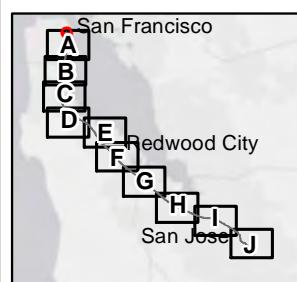


Appendix J

**Preliminary Overhead Contact System/Electrical Safety  
Zone/Tree Impact Maps (Grid A)**

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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

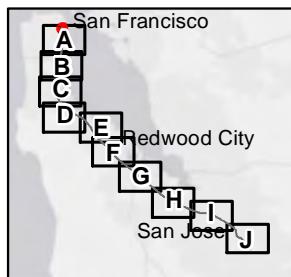
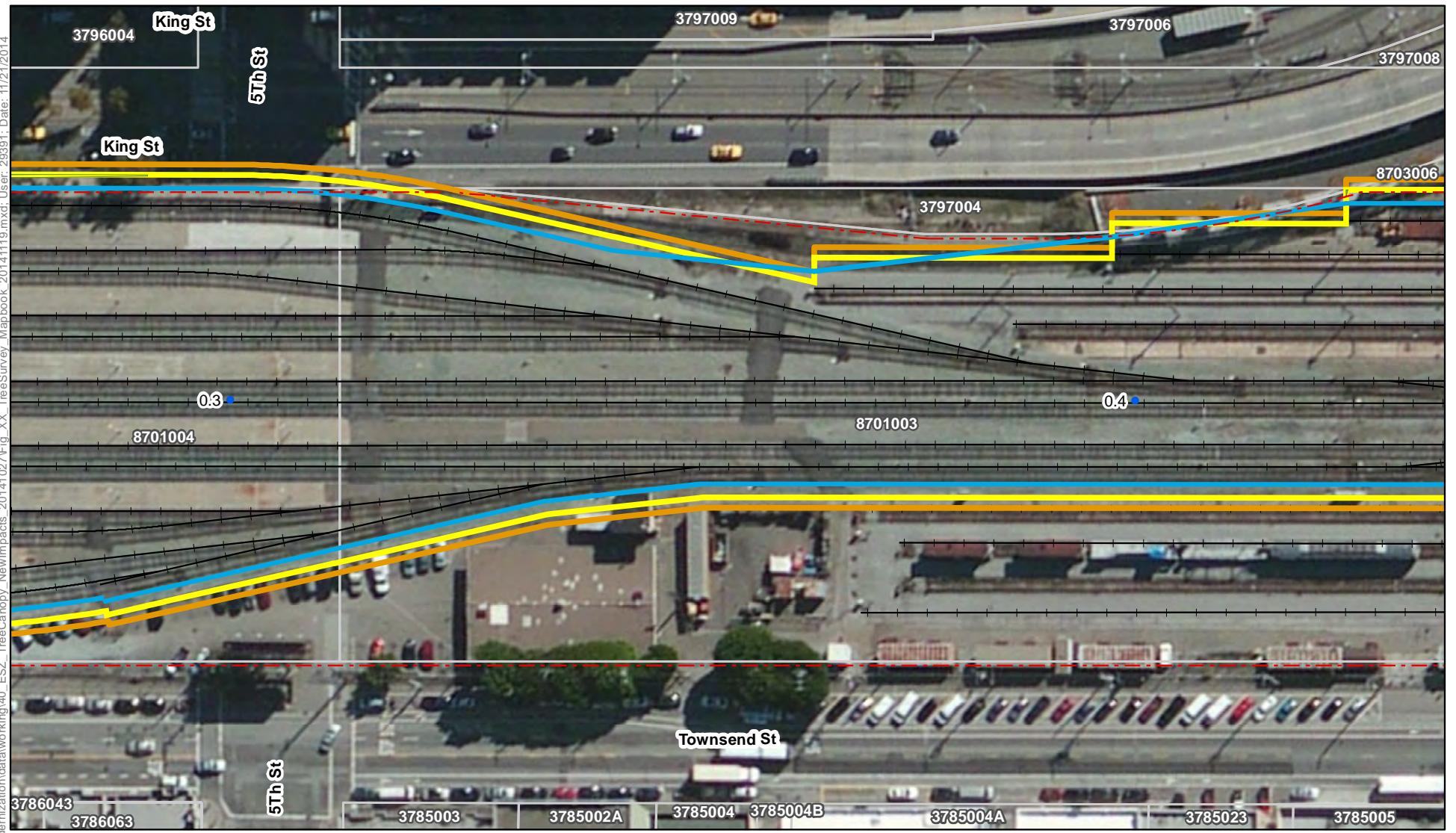
Preliminary PCEP OCS/ESZ/Tree Impact Maps  
Page 1 of 359  
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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

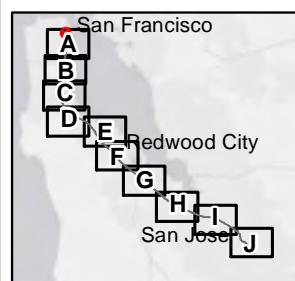
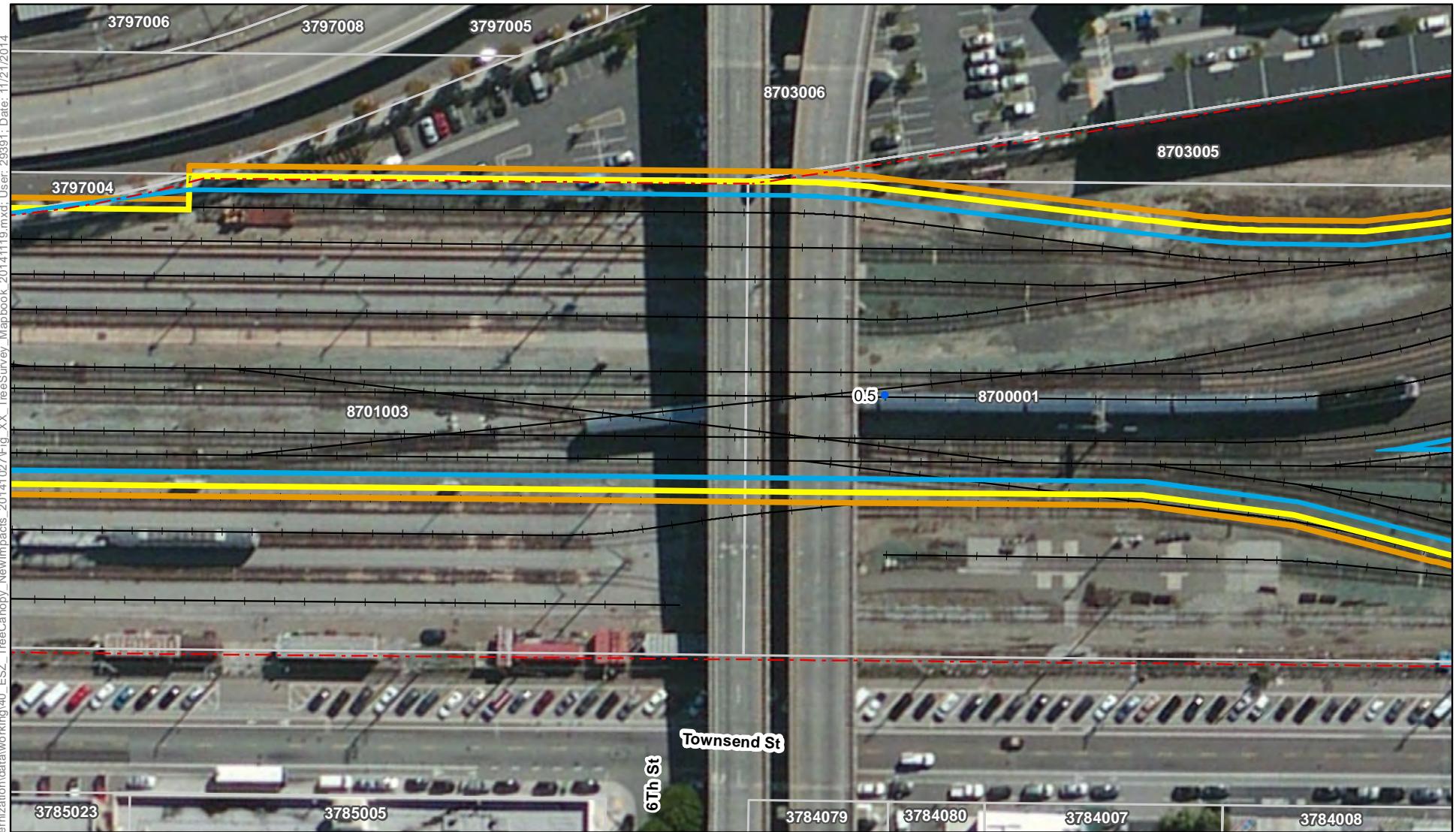
Preliminary PCEP OCS/ESZ/Tree Impact Maps  
Page 2 of 359  
Grid Index: A

## San Francisco, San Francisco County



0      50      100  
|      |      |  
Feet

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
- - - 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 3 of 359

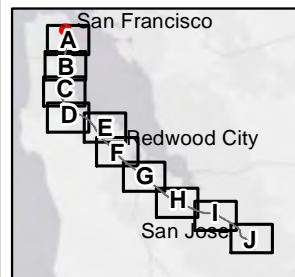
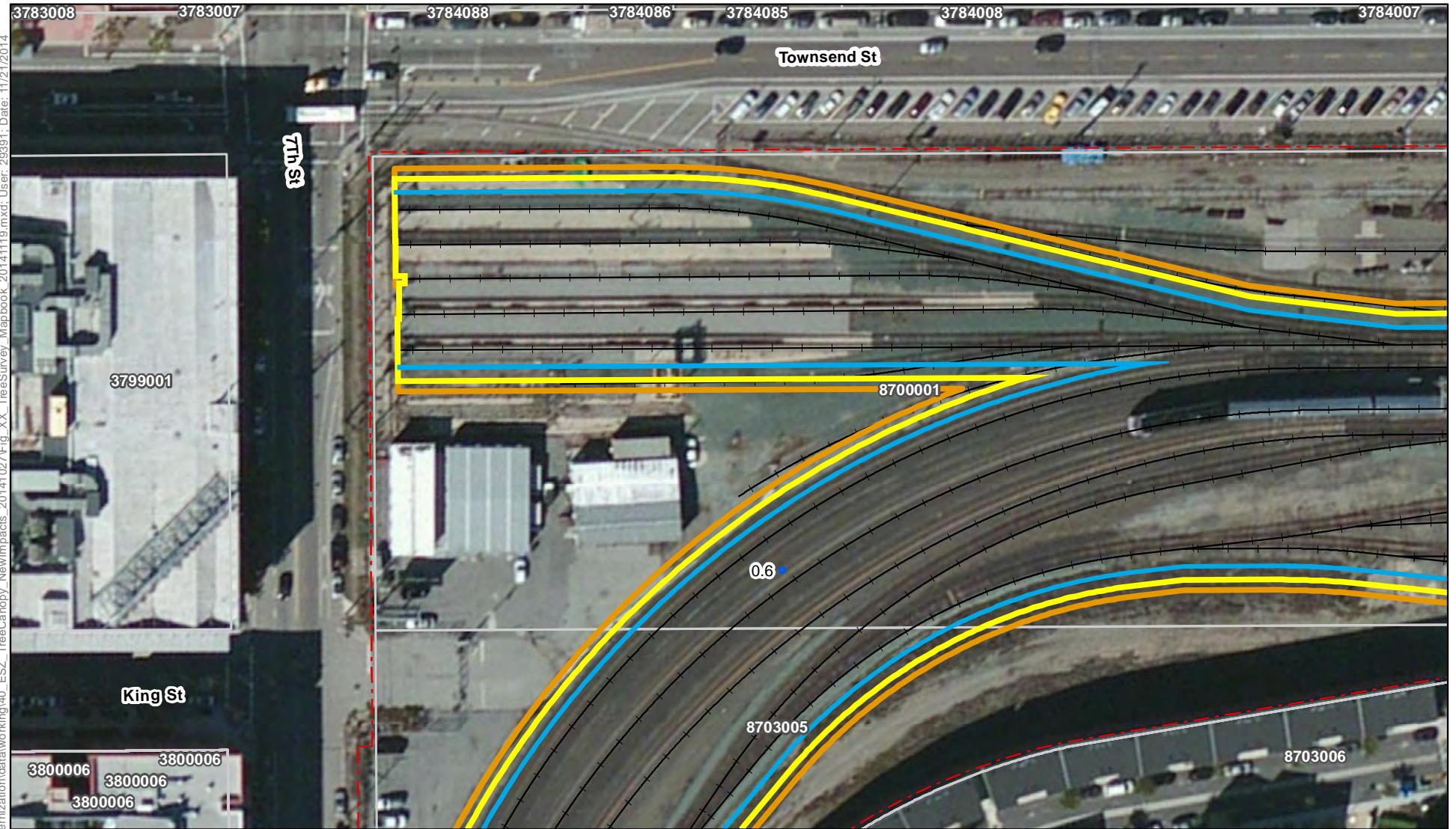
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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
- - - 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 4 of 359

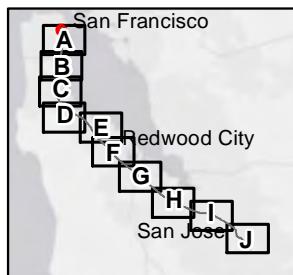
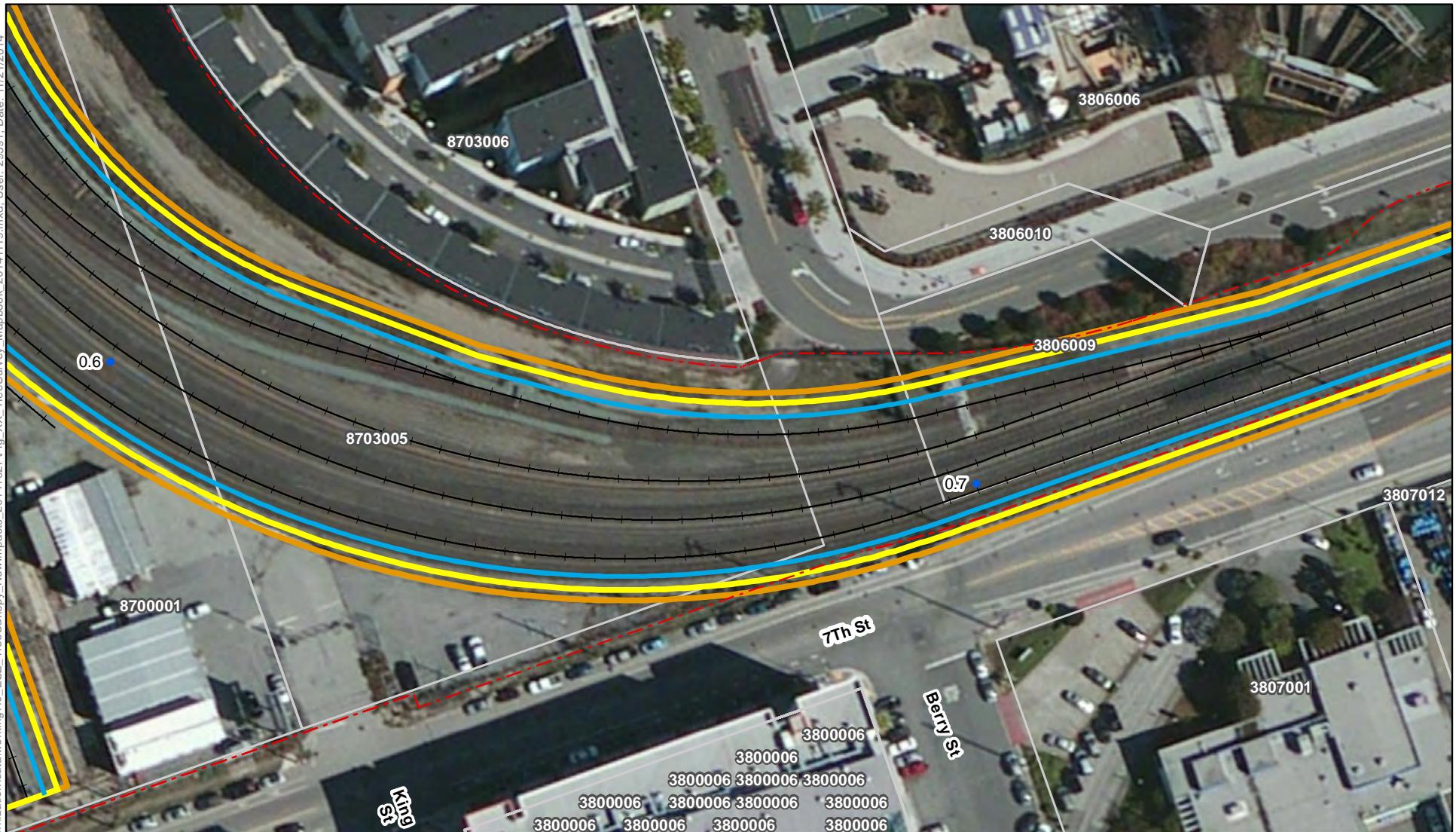
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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 5 of 359

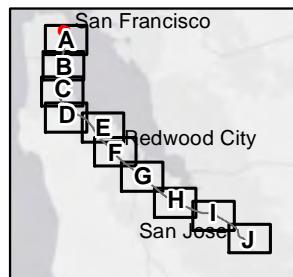
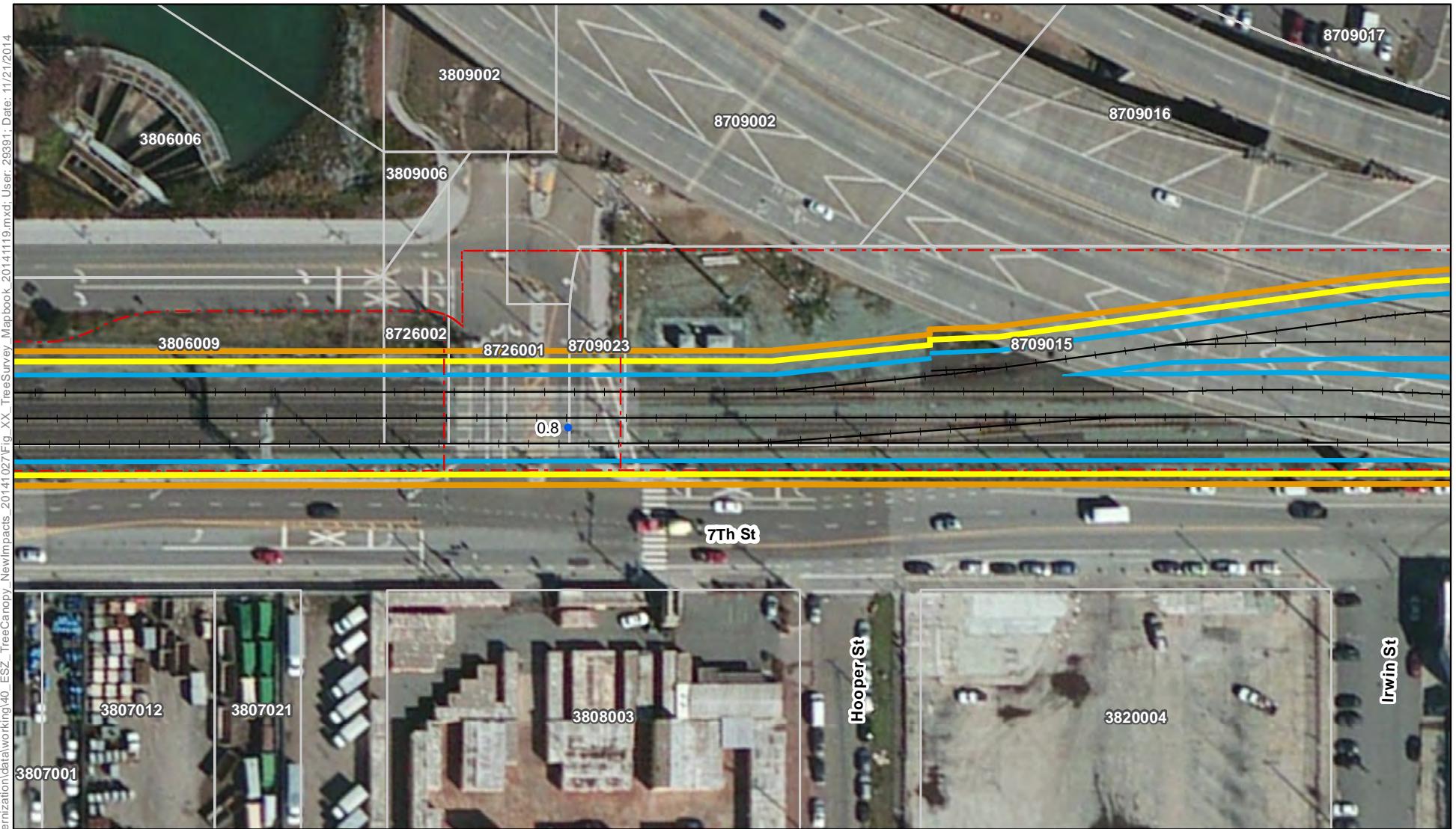
## Grid Index: A

## San Francisco, San Francisco County



A horizontal number line starting at 0 and ending at 100. There is a tick mark halfway between 0 and 100, labeled "Feet".

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
- - - 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

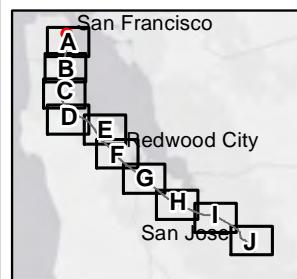
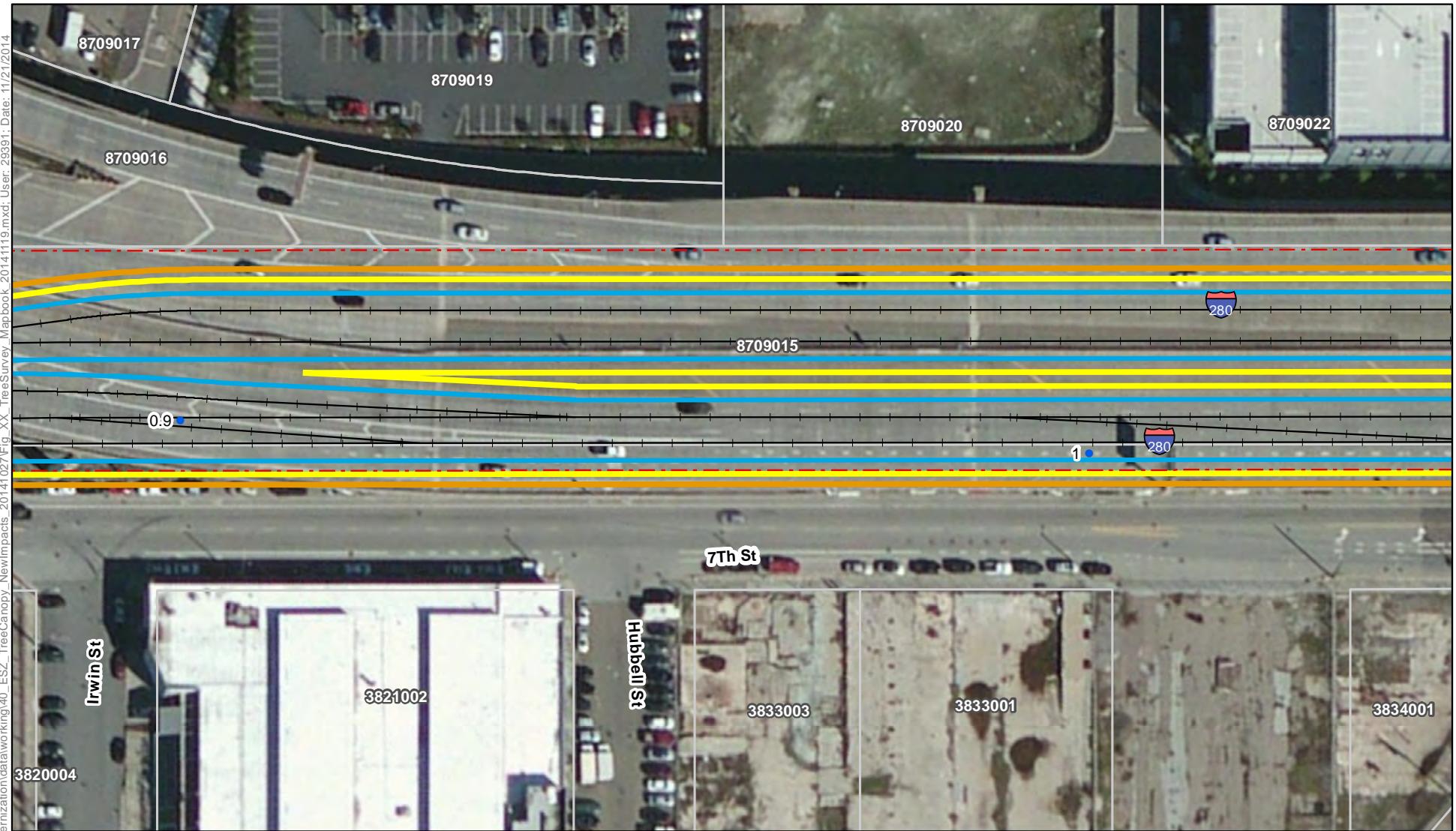
Preliminary PCEP OCS/ESZ/Tree Impact Maps  
Page 6 of 359

Grid Index: A  
San Francisco, San Francisco County



0 50 100 Feet

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
- - - 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 7 of 359

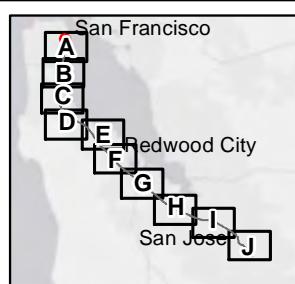
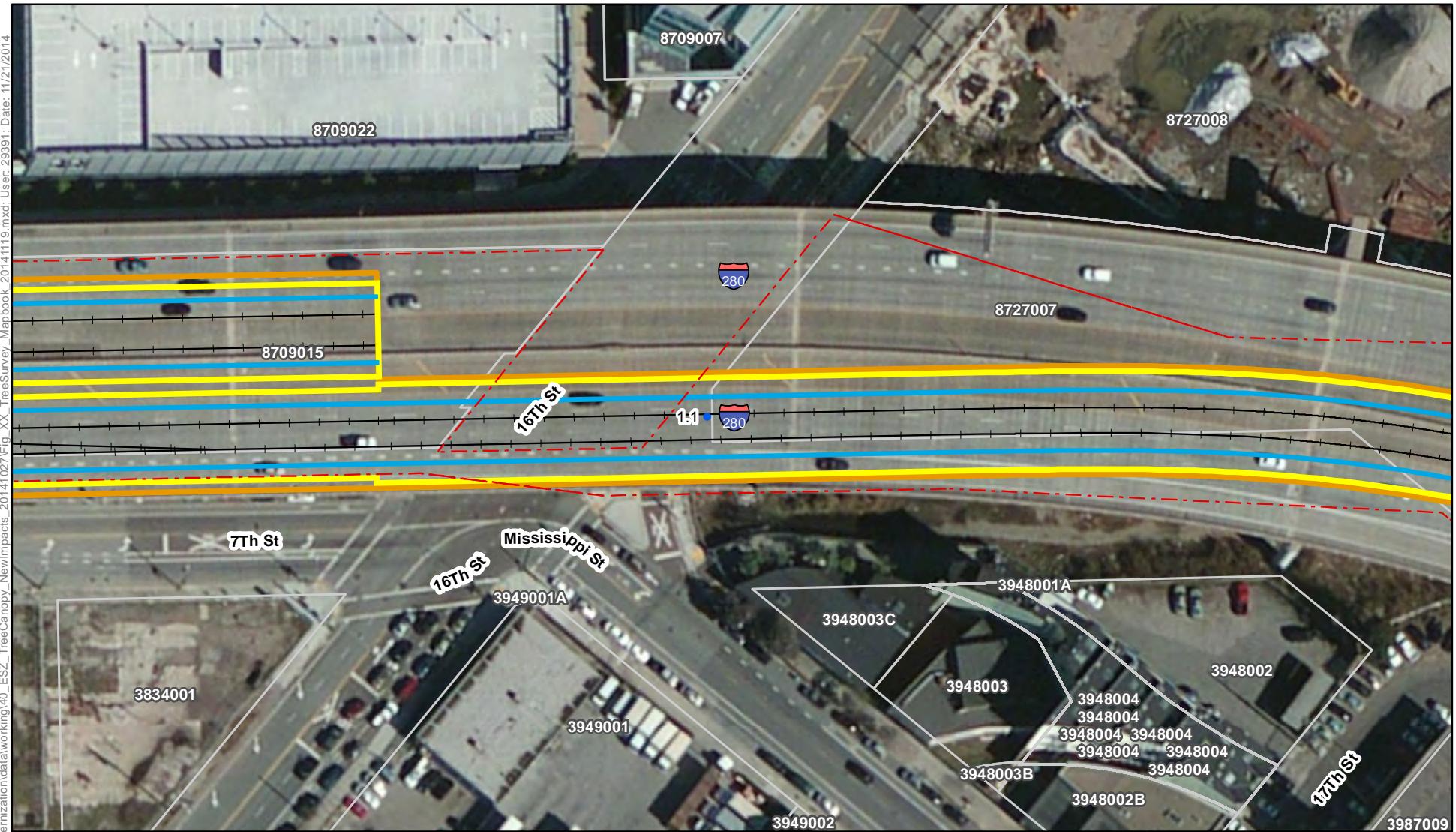
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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
- - - 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

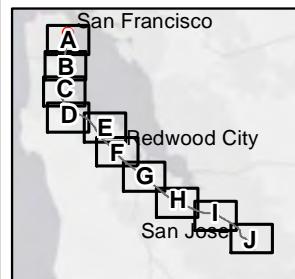
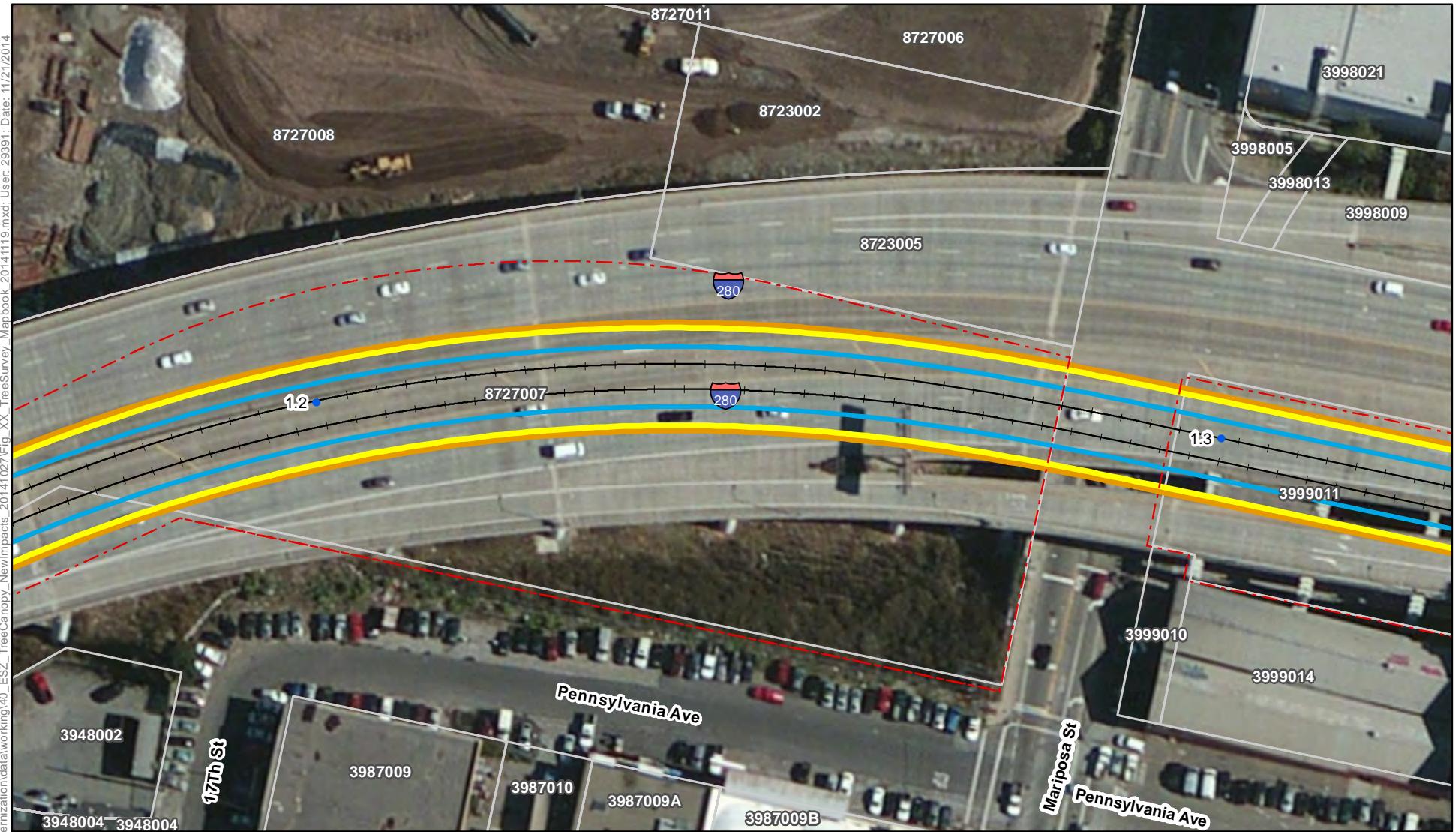
Preliminary PCEP OCS/ESZ/Tree Impact Maps  
Page 8 of 359  
Grid Index: A

San Francisco, San Francisco County



0 50 100 Feet

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:

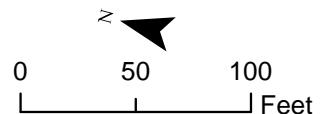
- \* Tree canopy was determined from NAIP 2009 data.
- \*\* Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy. For restrictions on use of parcel data see the Notes section of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

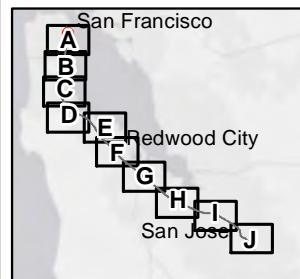
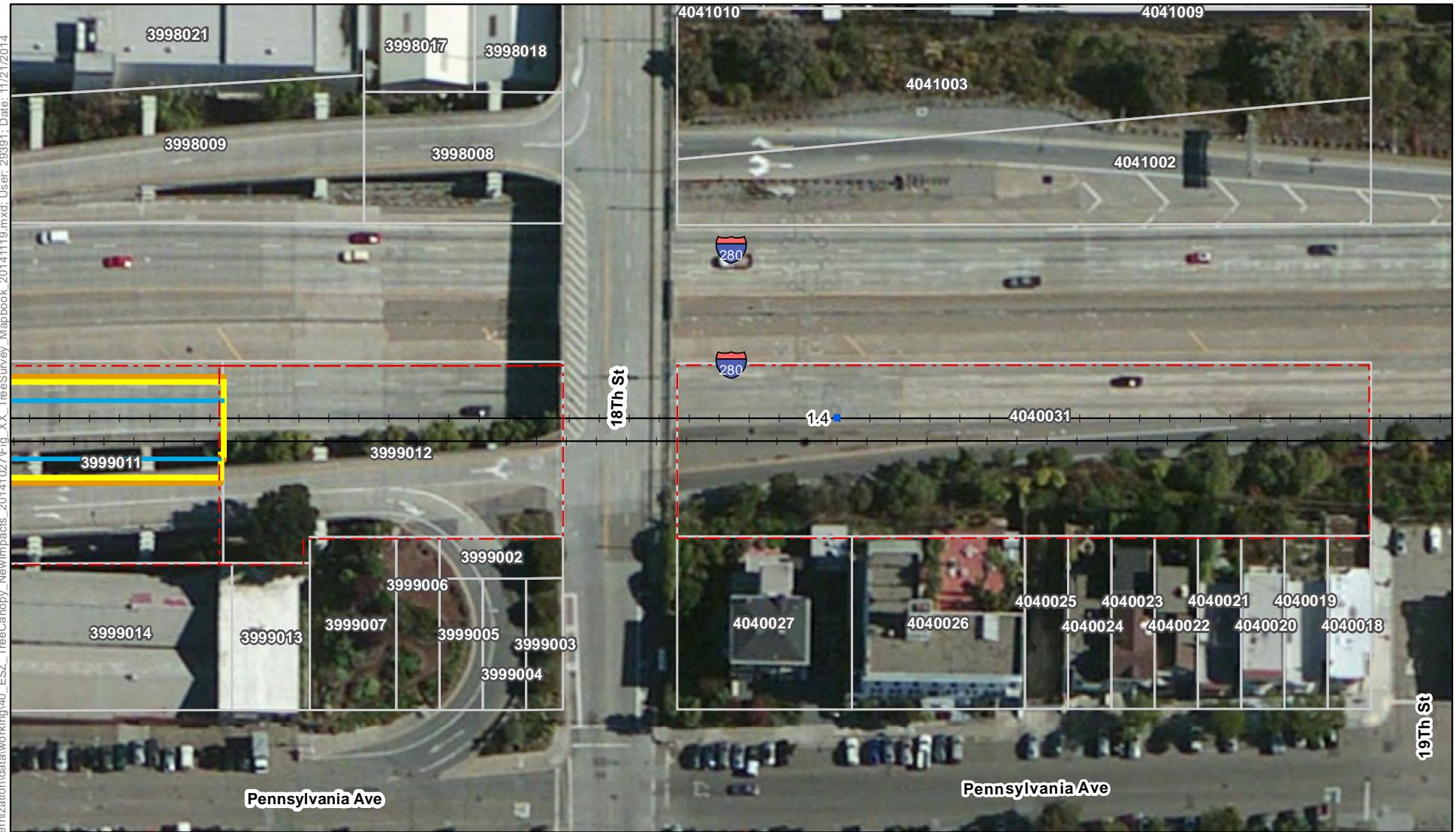
- Tree Impact \*\***
- No Impact
  - 50% Prune
  - Prune
  - 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps  
Page 9 of 359  
Grid Index: A

San Francisco, San Francisco 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
- - - 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 10 of 359

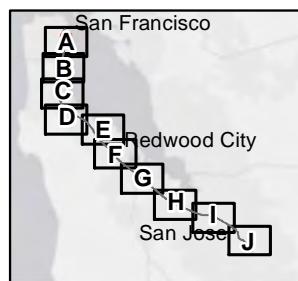
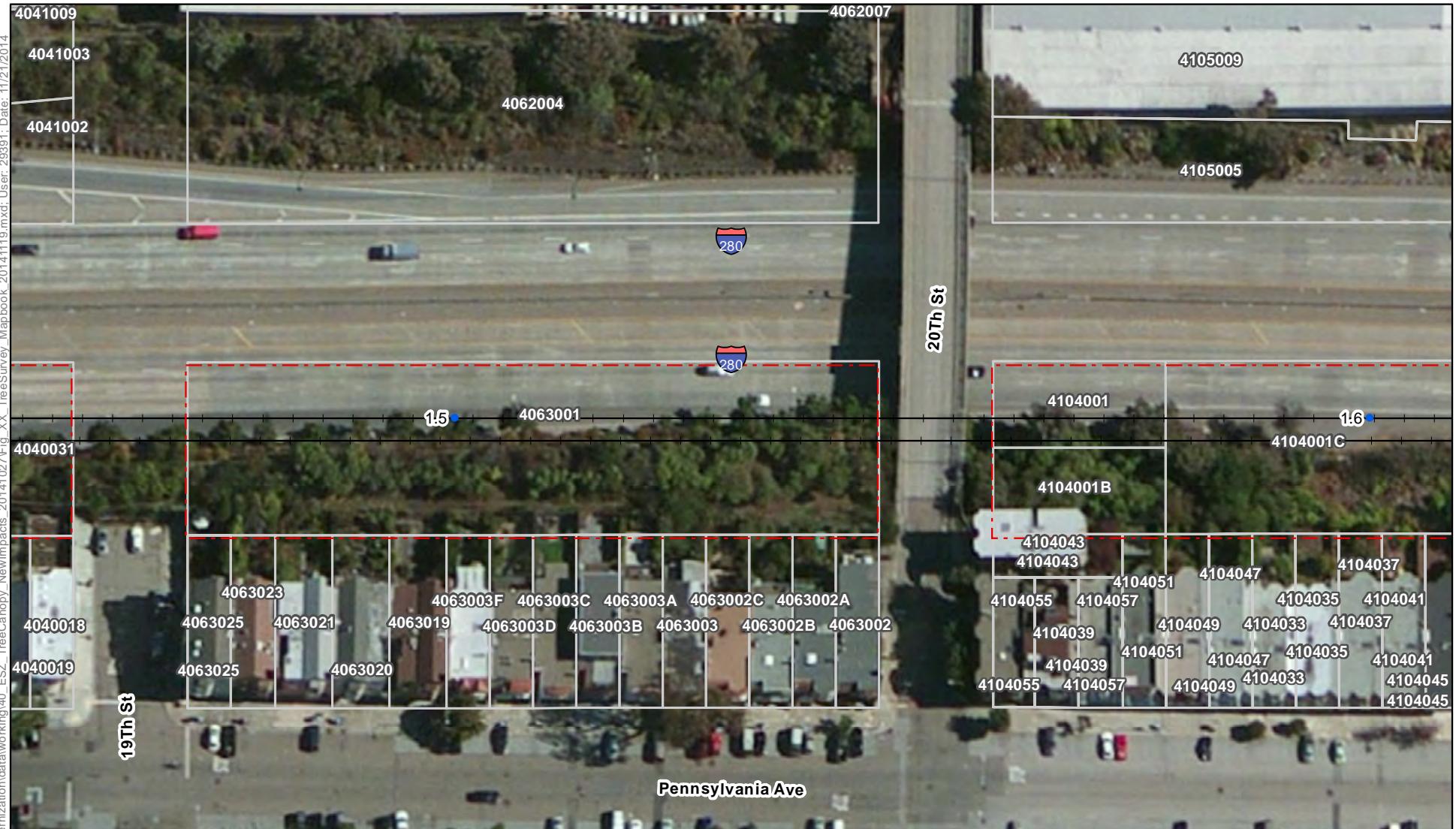
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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Labels on the index map:

- A, B, C, D, E, F, G, H, I, J
- San Francisco
- Redwood City
- San Jose

- 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 11 of 359

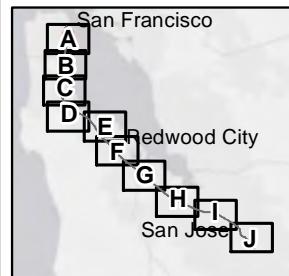
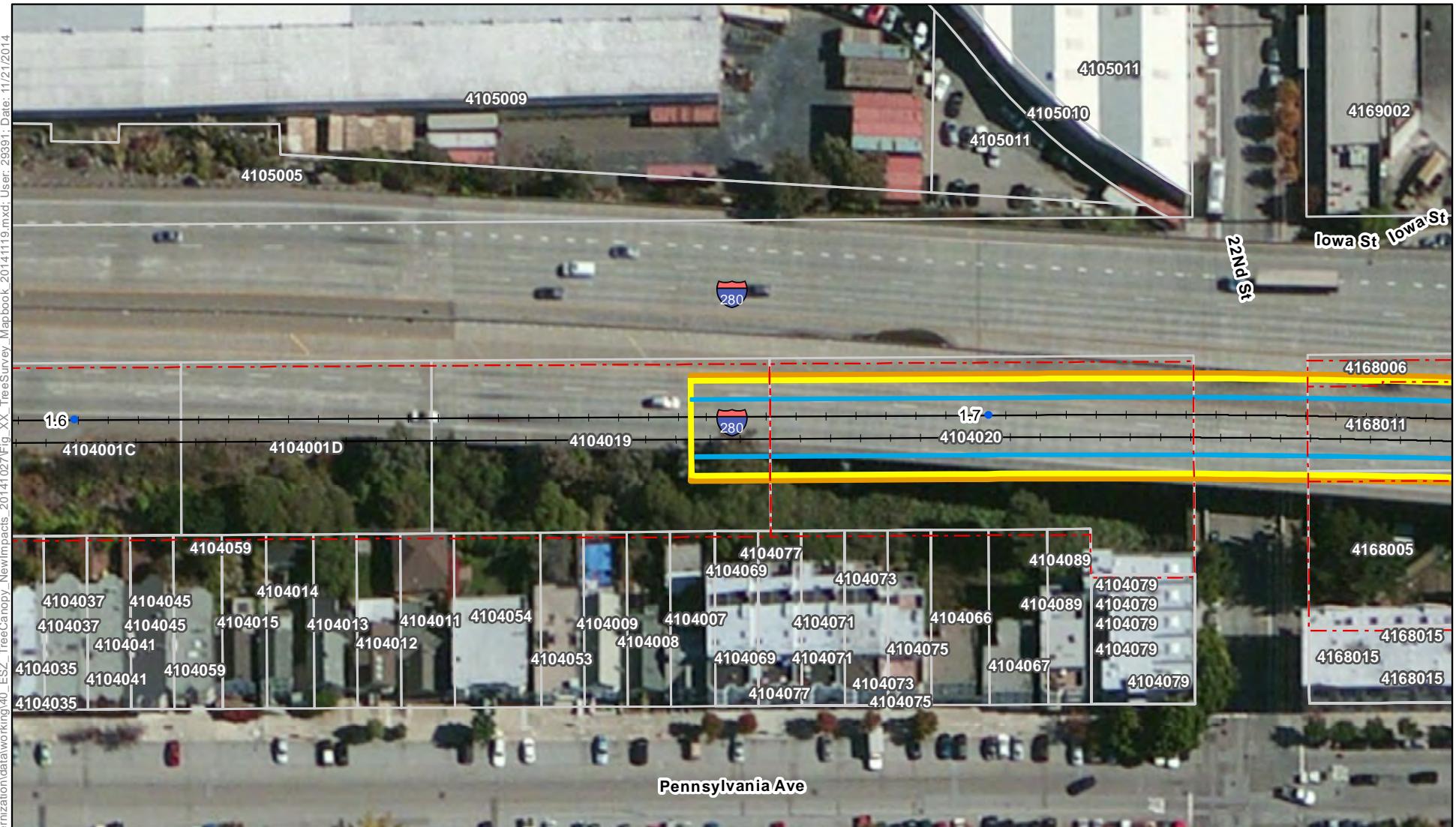
Grid Index: A

San Francisco, San Francisco County

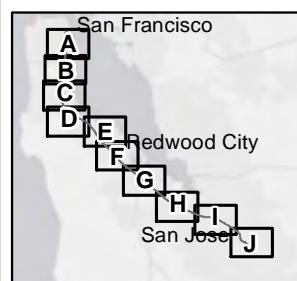
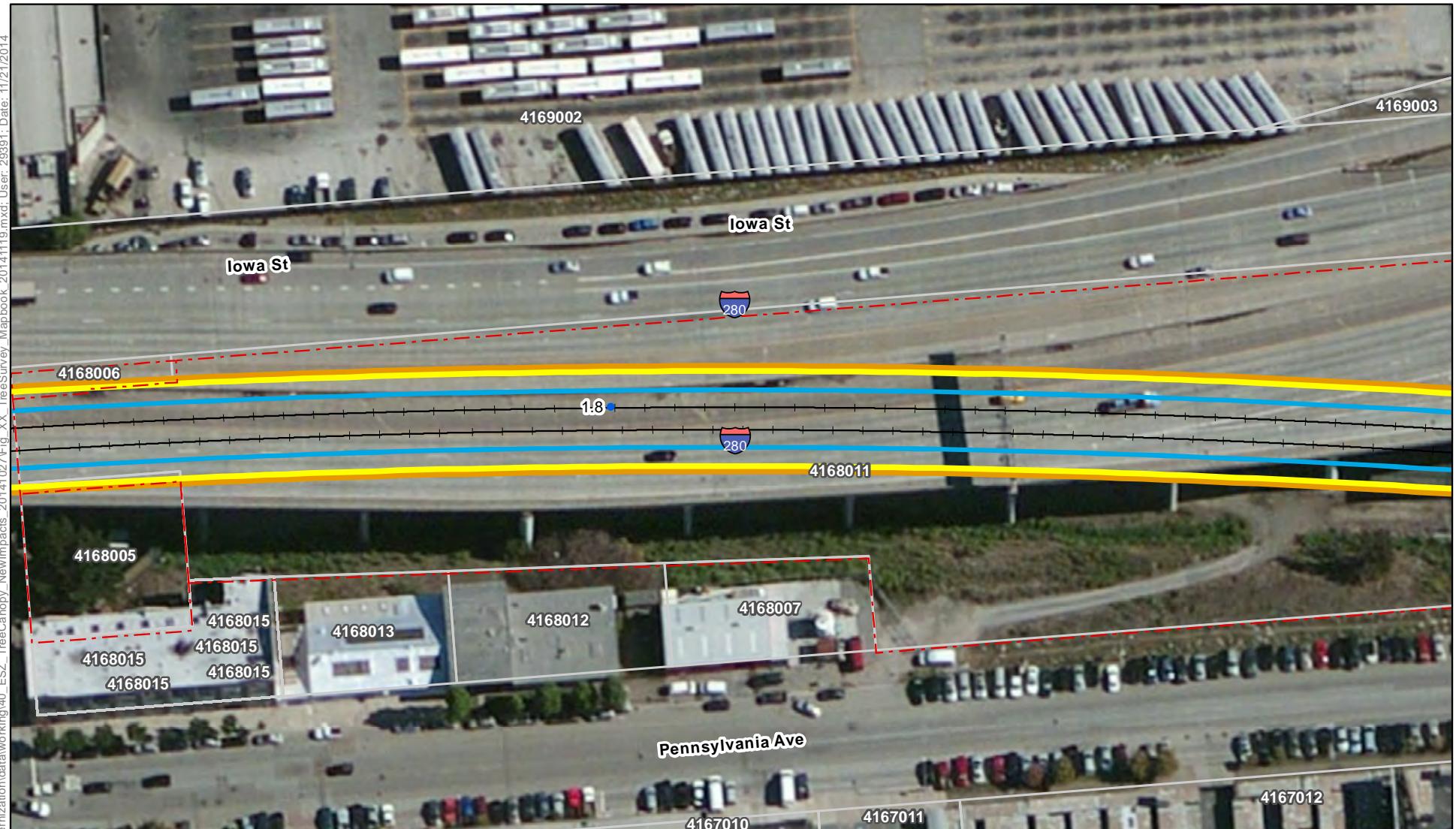


0 50 100  
Feet

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.



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
- - - 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 13 of 359

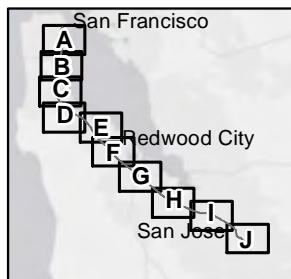
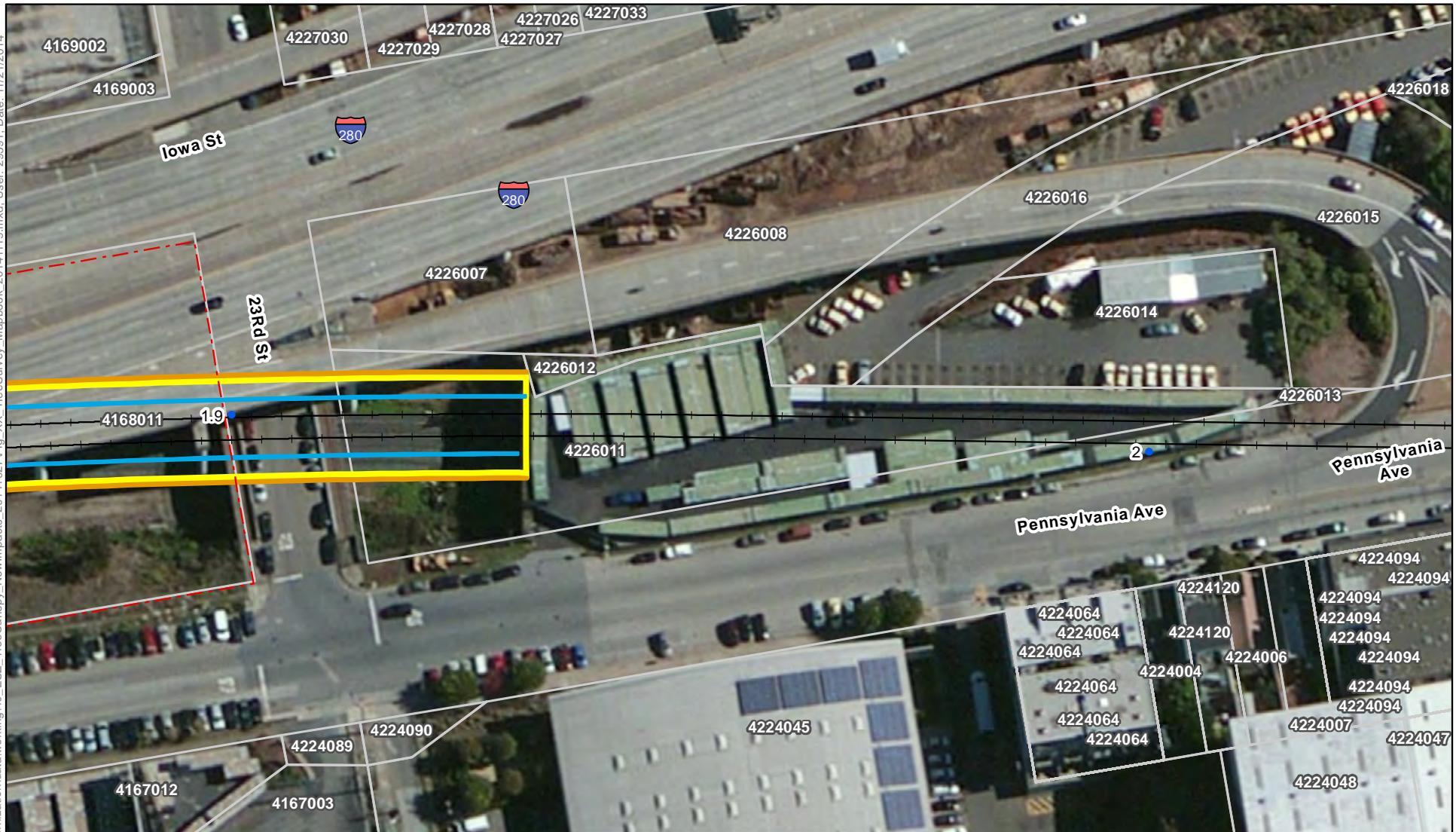
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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
  - 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

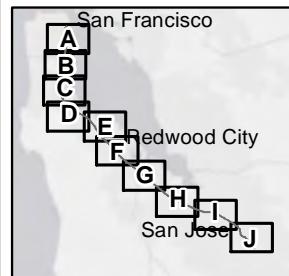
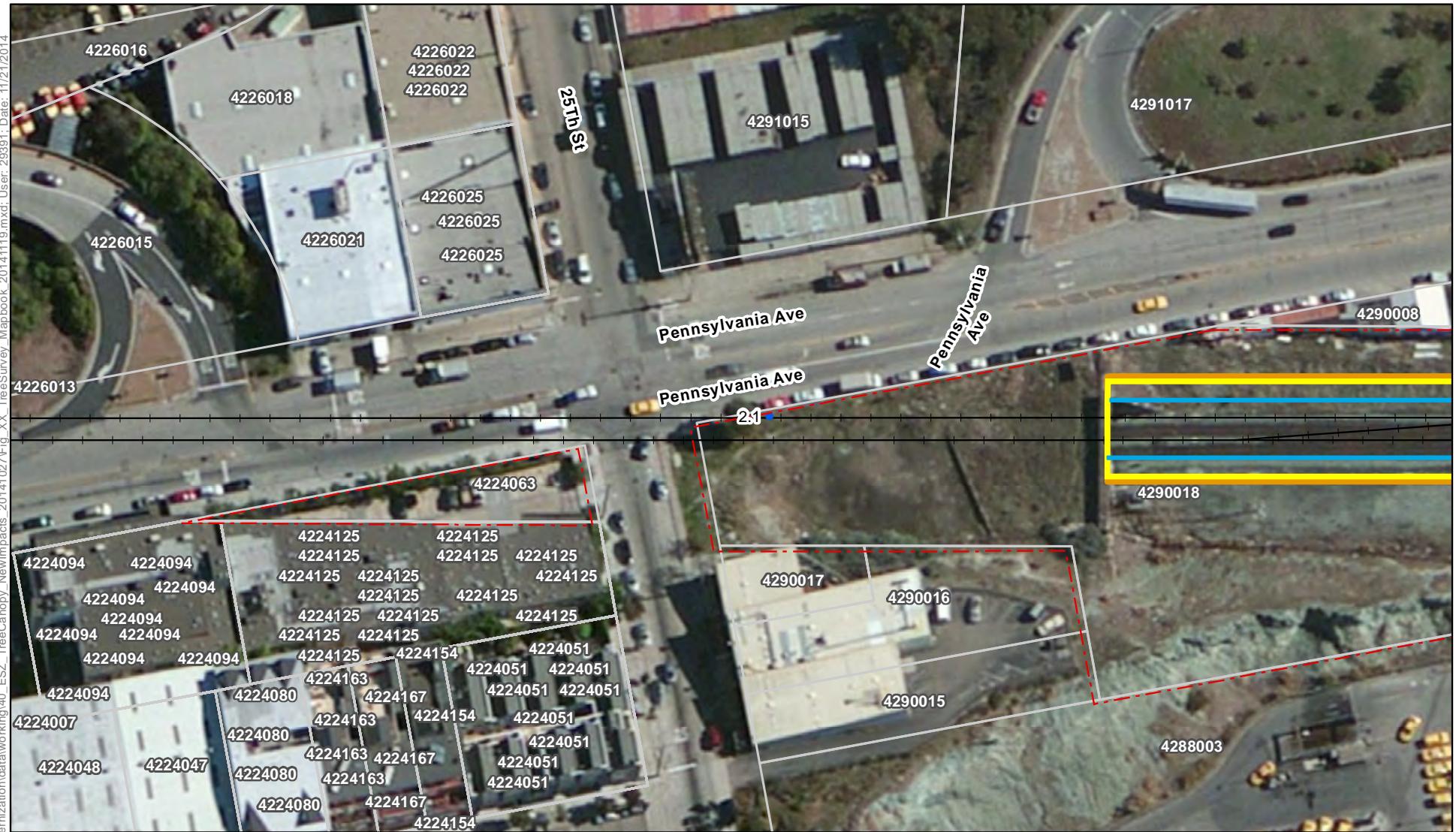
Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 14 of 359

## Grid Index: A

## San Francisco, San Francisco 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
- - - 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 15 of 359

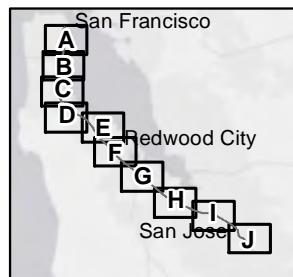
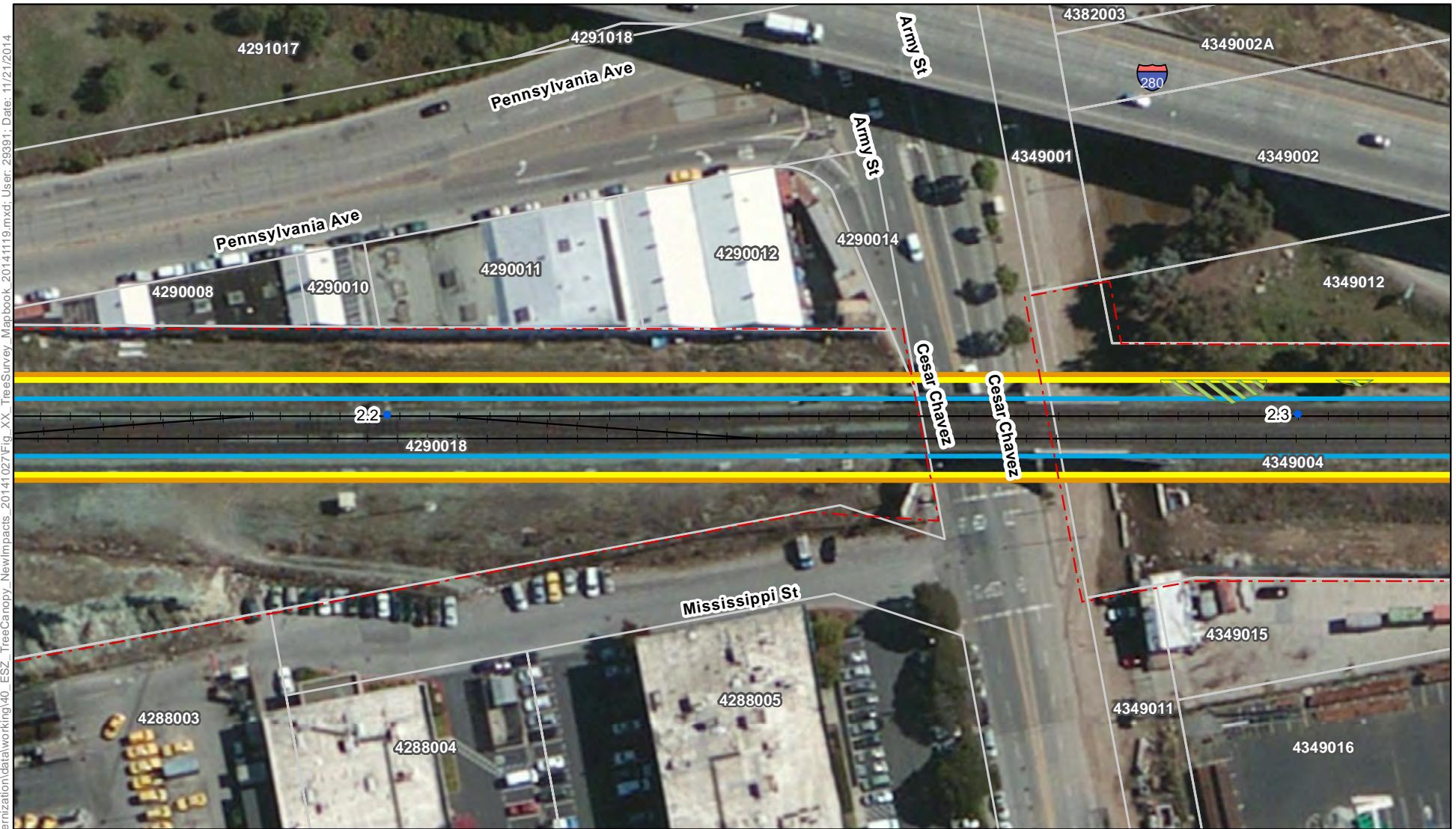
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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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- - - 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 16 of 359

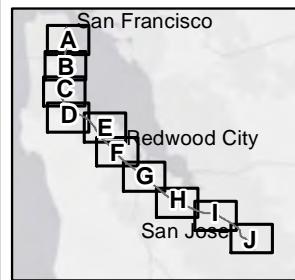
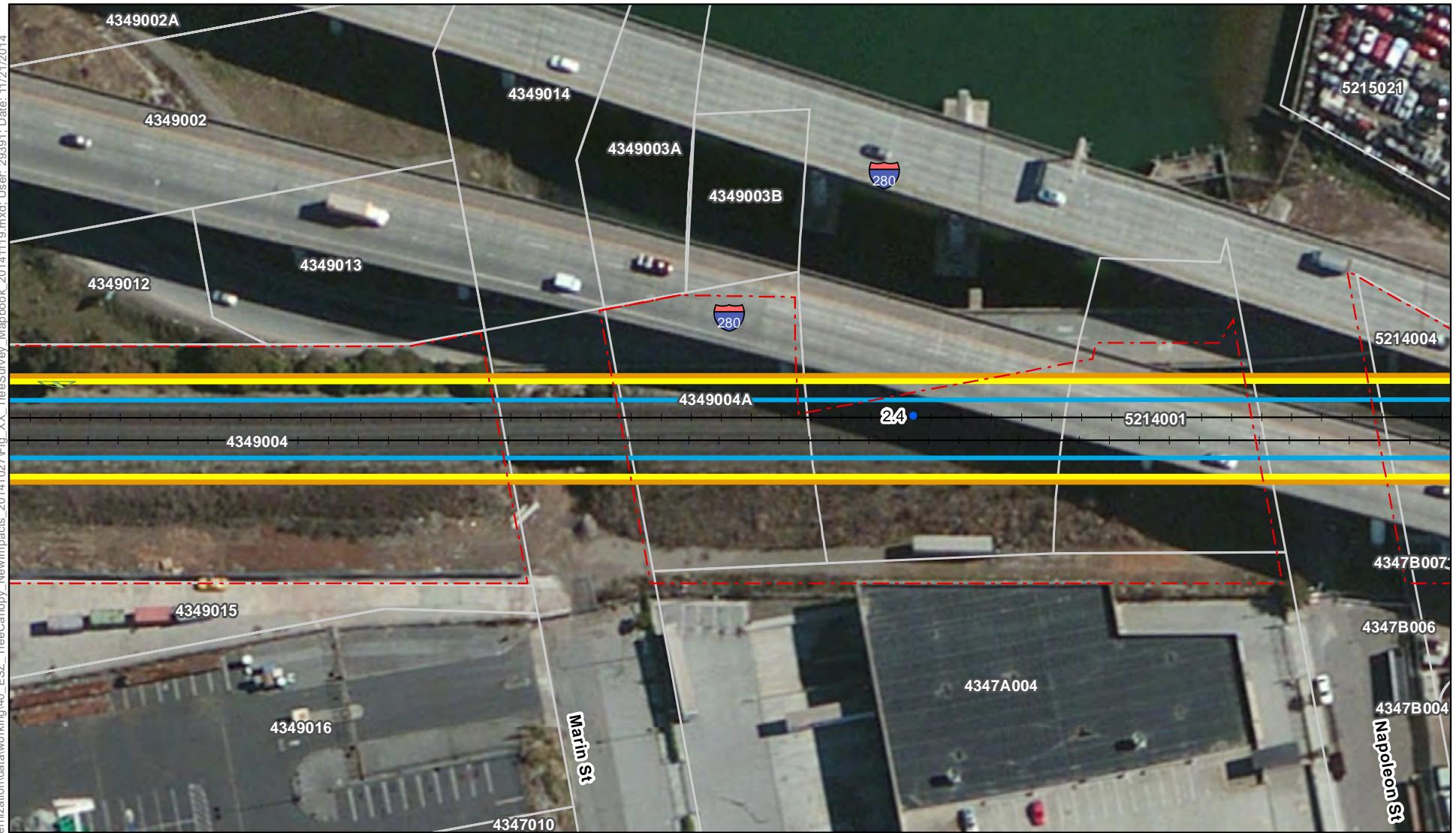
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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- - - 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 17 of 359

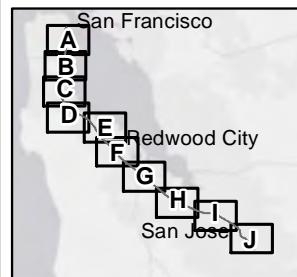
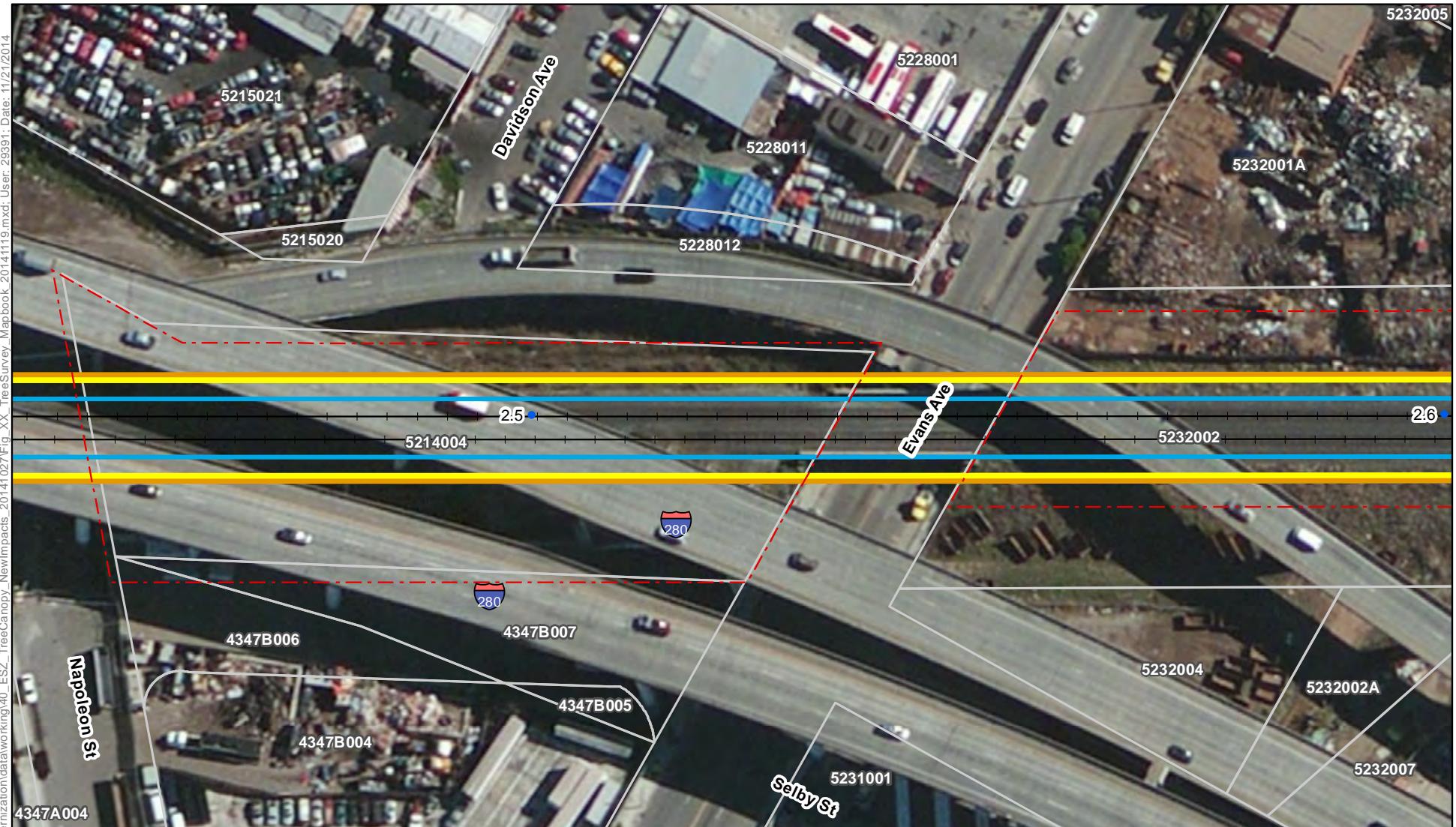
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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 18 of 359

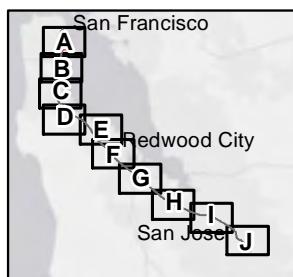
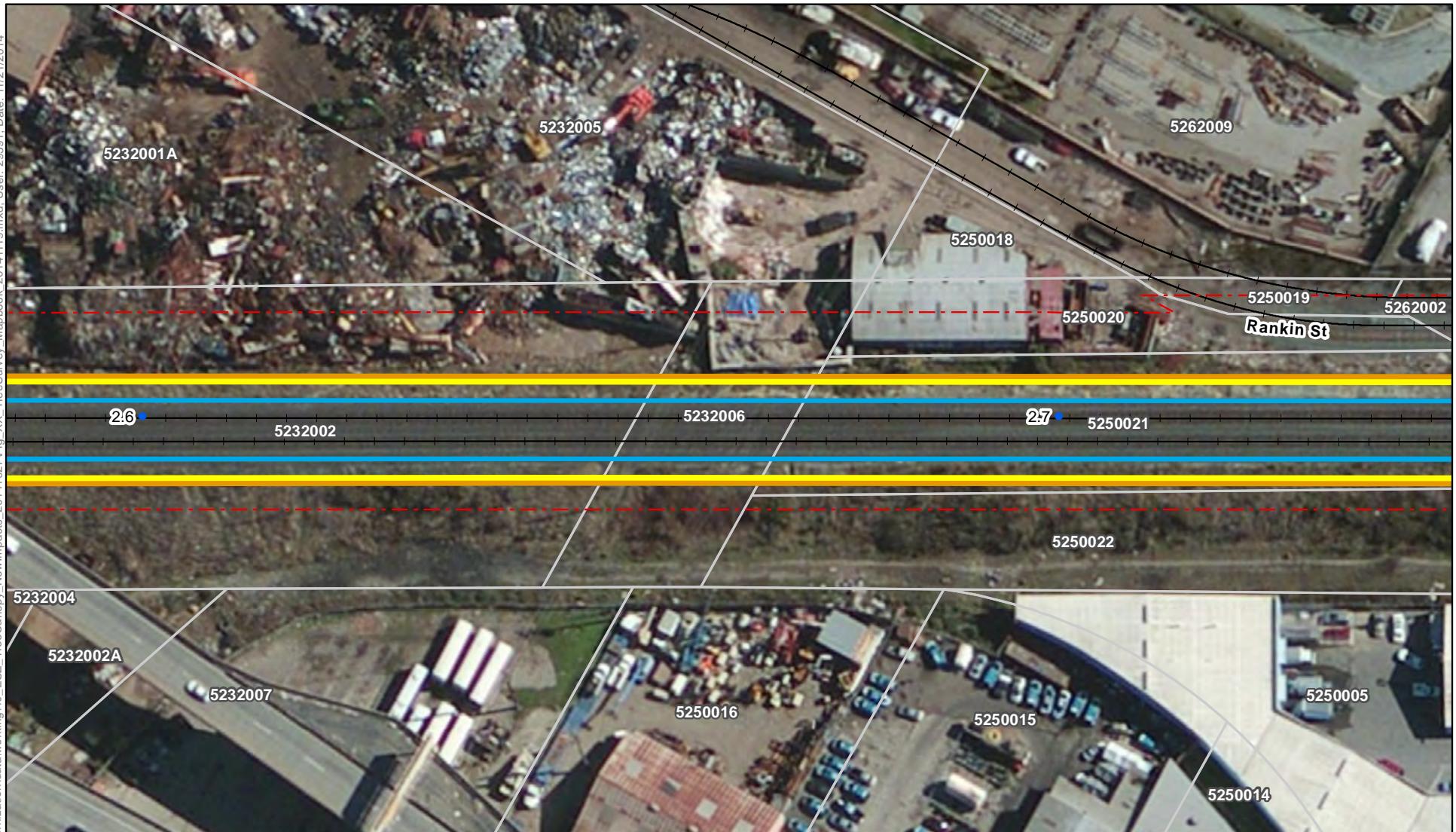
Grid Index: A

San Francisco, San Francisco County

Z

0 50 100  
Feet

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

## Tree Impact

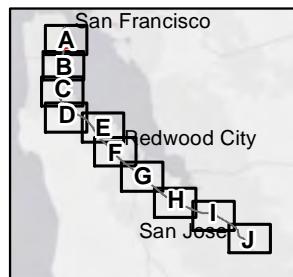
- No Impact
  - 50% Prune
  - Prune
  - ) 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

## San Francisco, San Francisco County

Feet

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
- - - 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

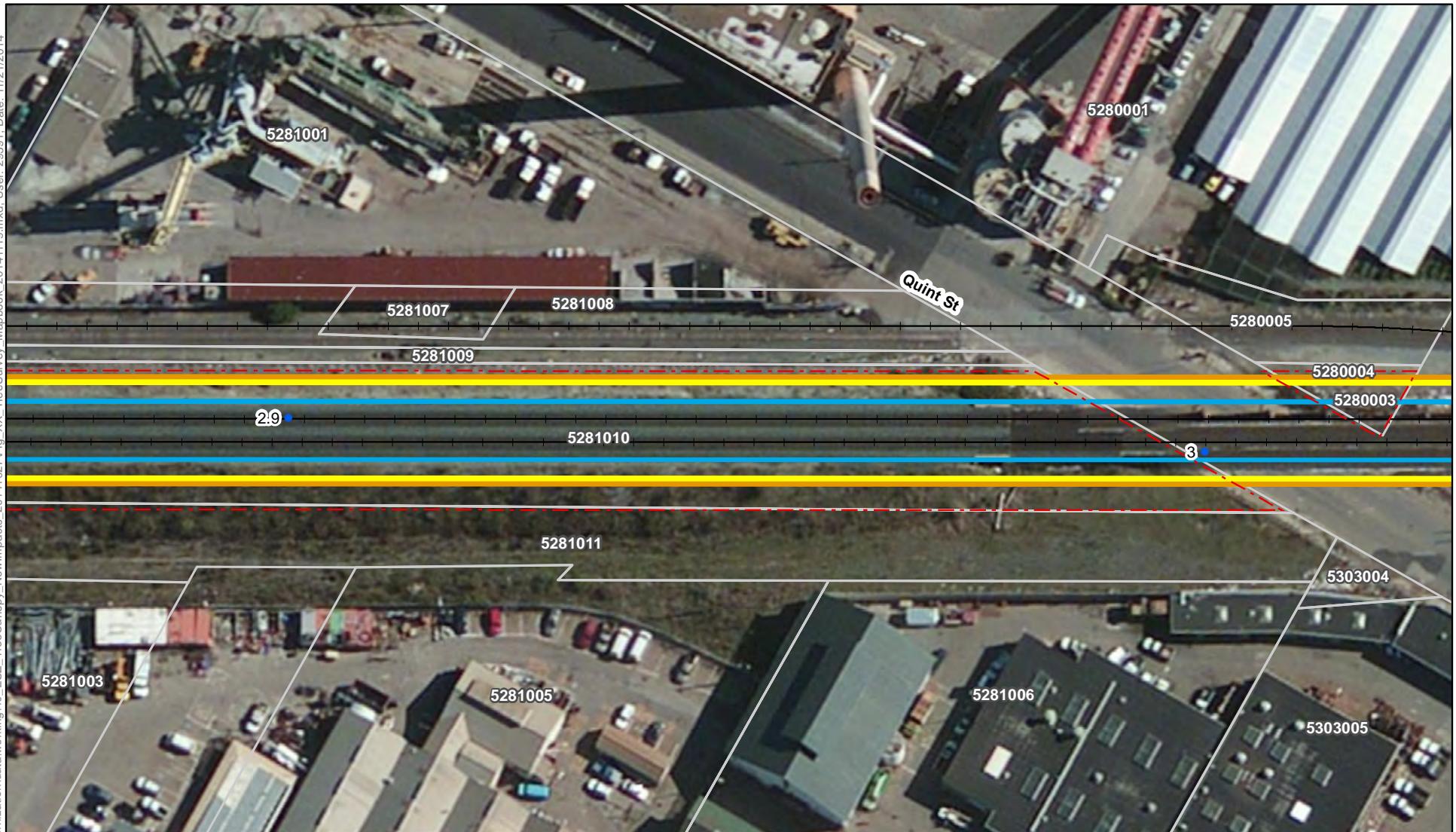
Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 20 of 359  
 Grid Index: A

San Francisco, San Francisco County



0 50 100  
 Feet

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

## Tree Impact

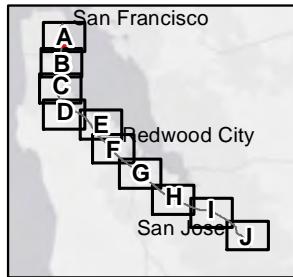
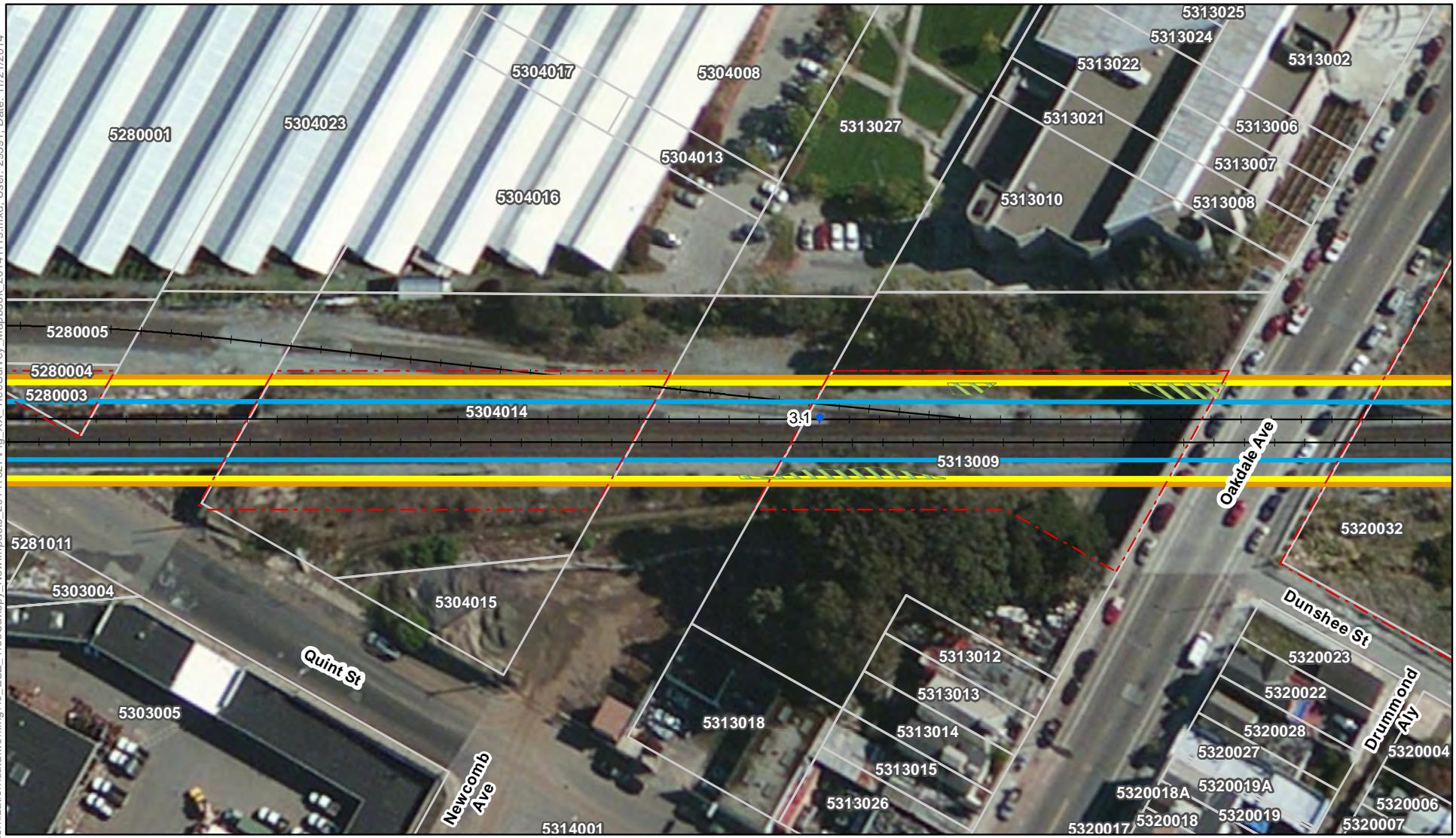
- No Impact
  - 50% Prune
  - Prune
  - ) 25% Remove
  - 50% Remove
  - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

## San Francisco, San Francisco County

50 100  
| |  
Feet

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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  - 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

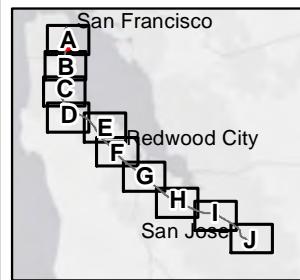
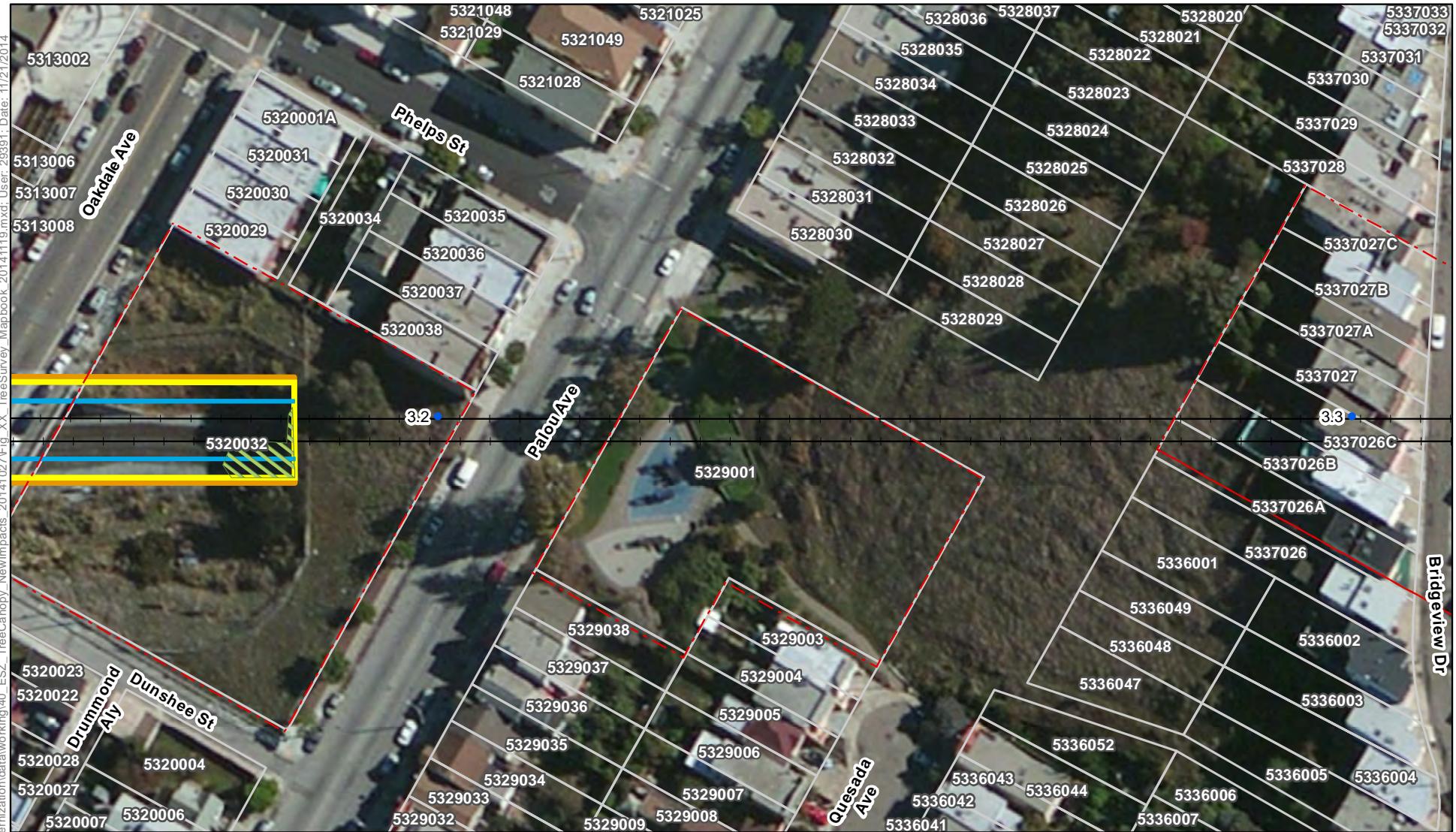
Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 22 of 359

## Grid Index: A

## San Francisco, San Francisco 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
- - - 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 23 of 359

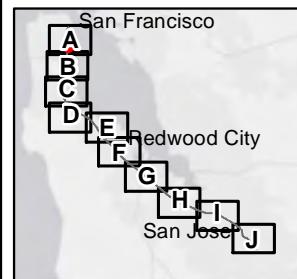
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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.



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.

- Track Mile Post
  - JPB Right of Way
  - 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

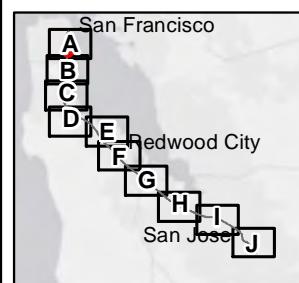
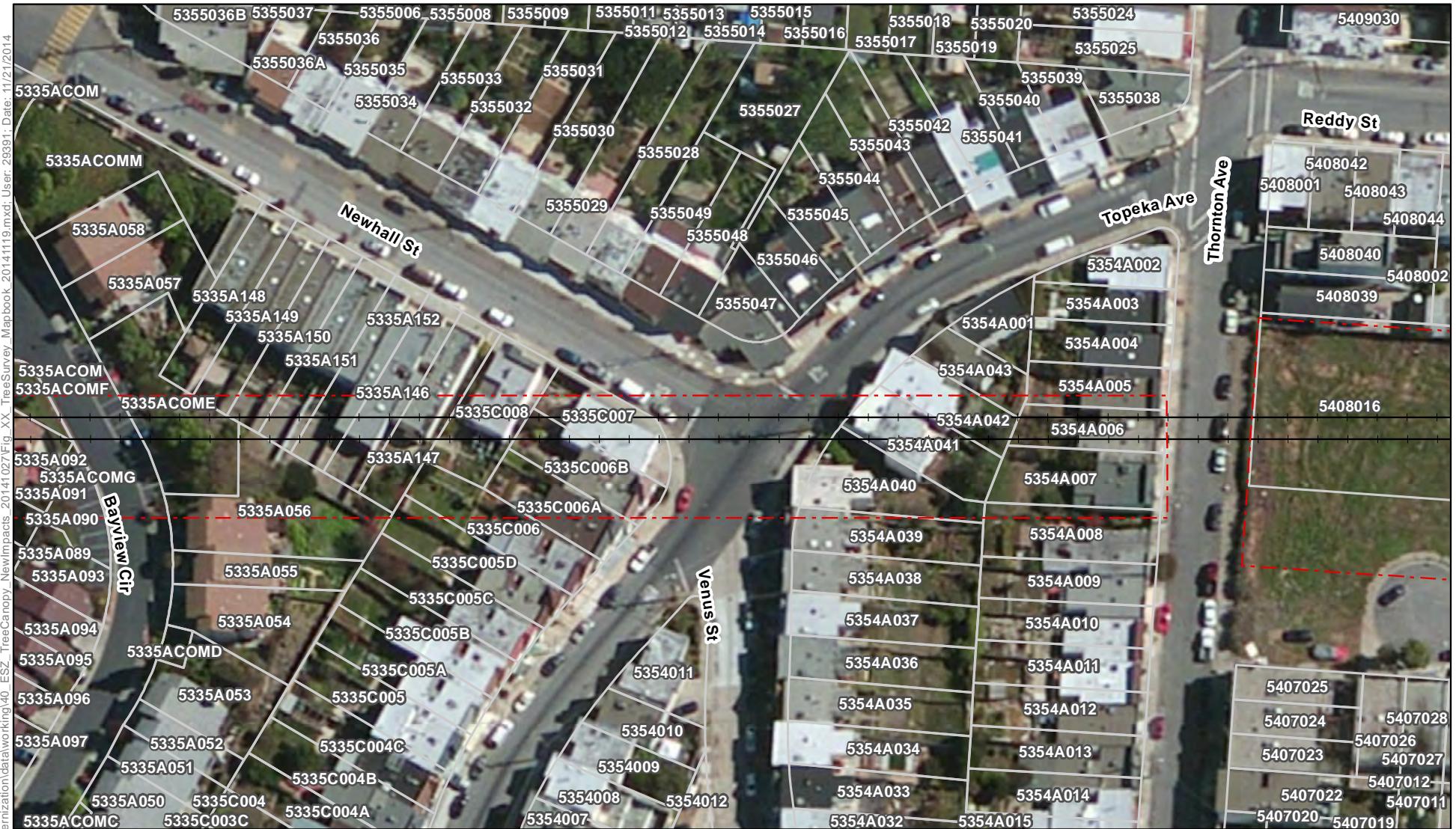
Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 24 of 359

Grid Index: A

San Francisco, San Francisco County



0 50 100  
 Feet



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.

- Track Mile Post
  - JPB Right of Way
  - 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

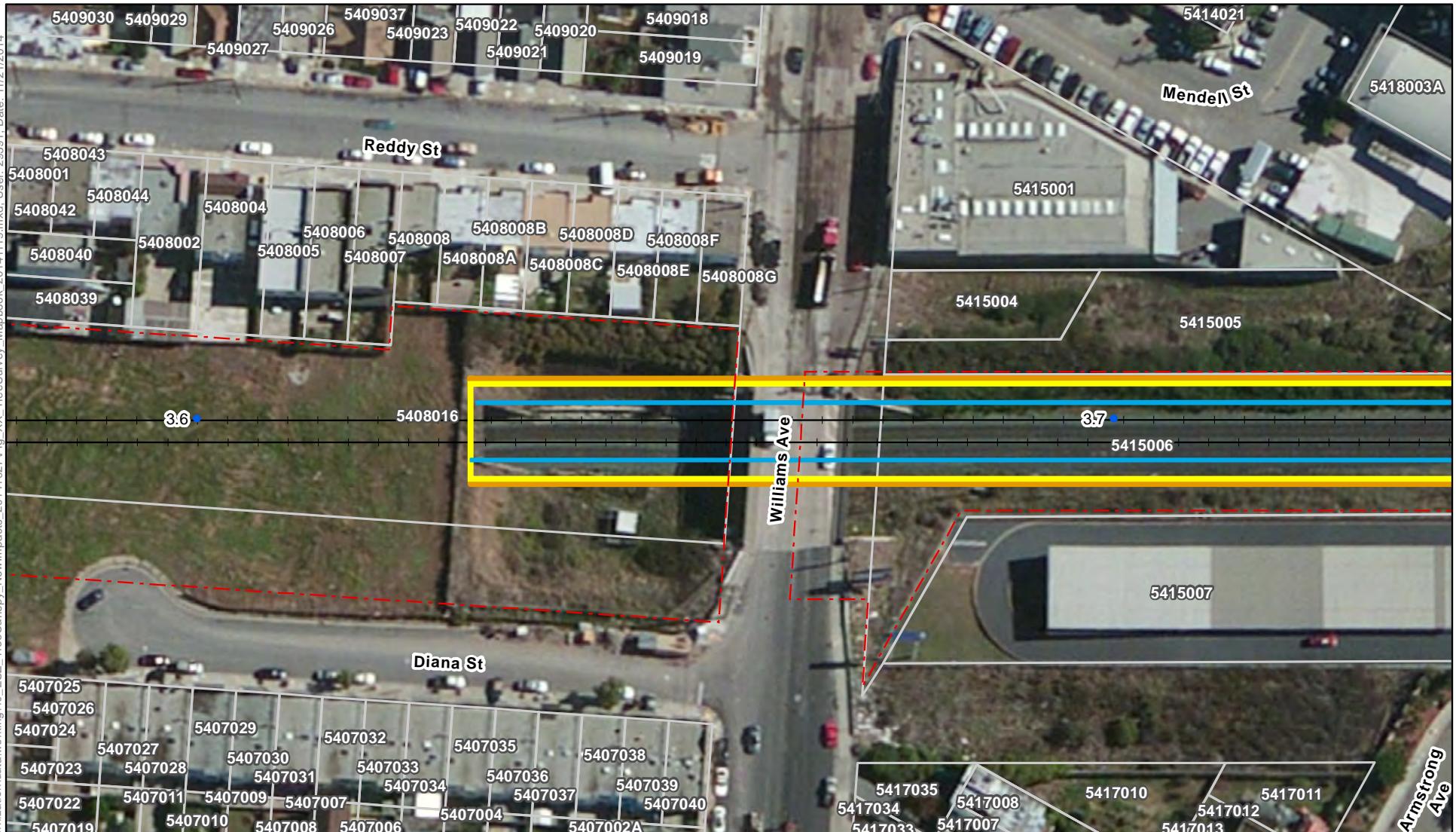
Preliminary PCEP OCS/ESZ/Tree Impact Maps  
 Page 25 of 359

Grid Index: A

San Francisco, San Francisco County



0 50 100  
 Feet



## 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

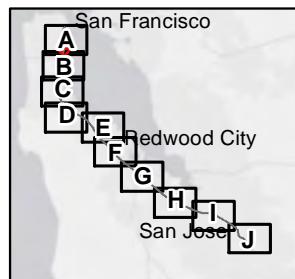
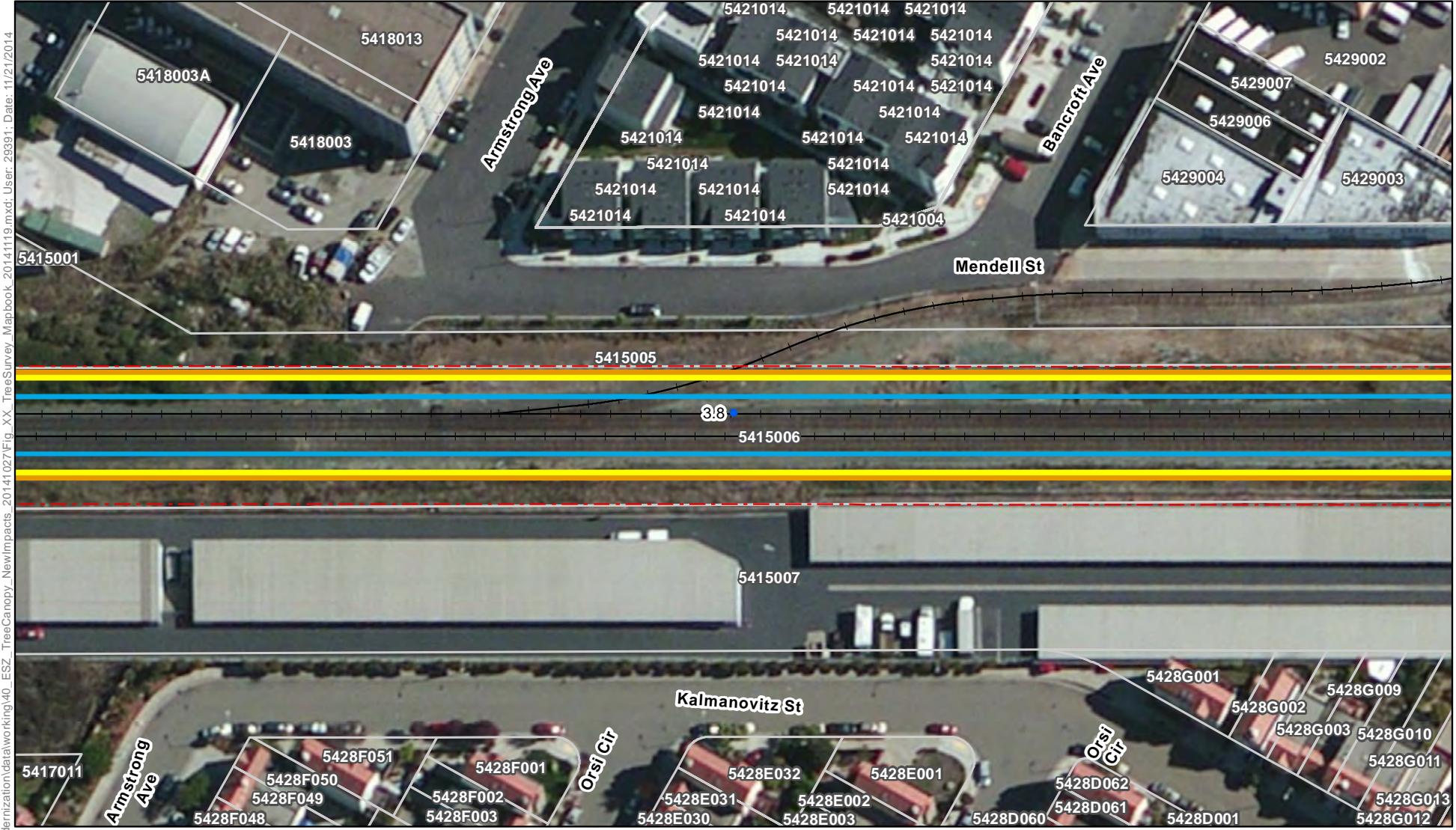
Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 26 of 359

## San Francisco, San Francisco 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.



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

- 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 27 of 359

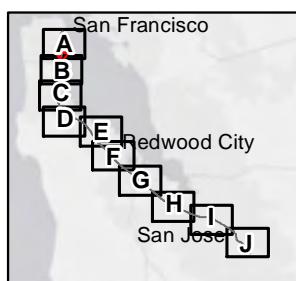
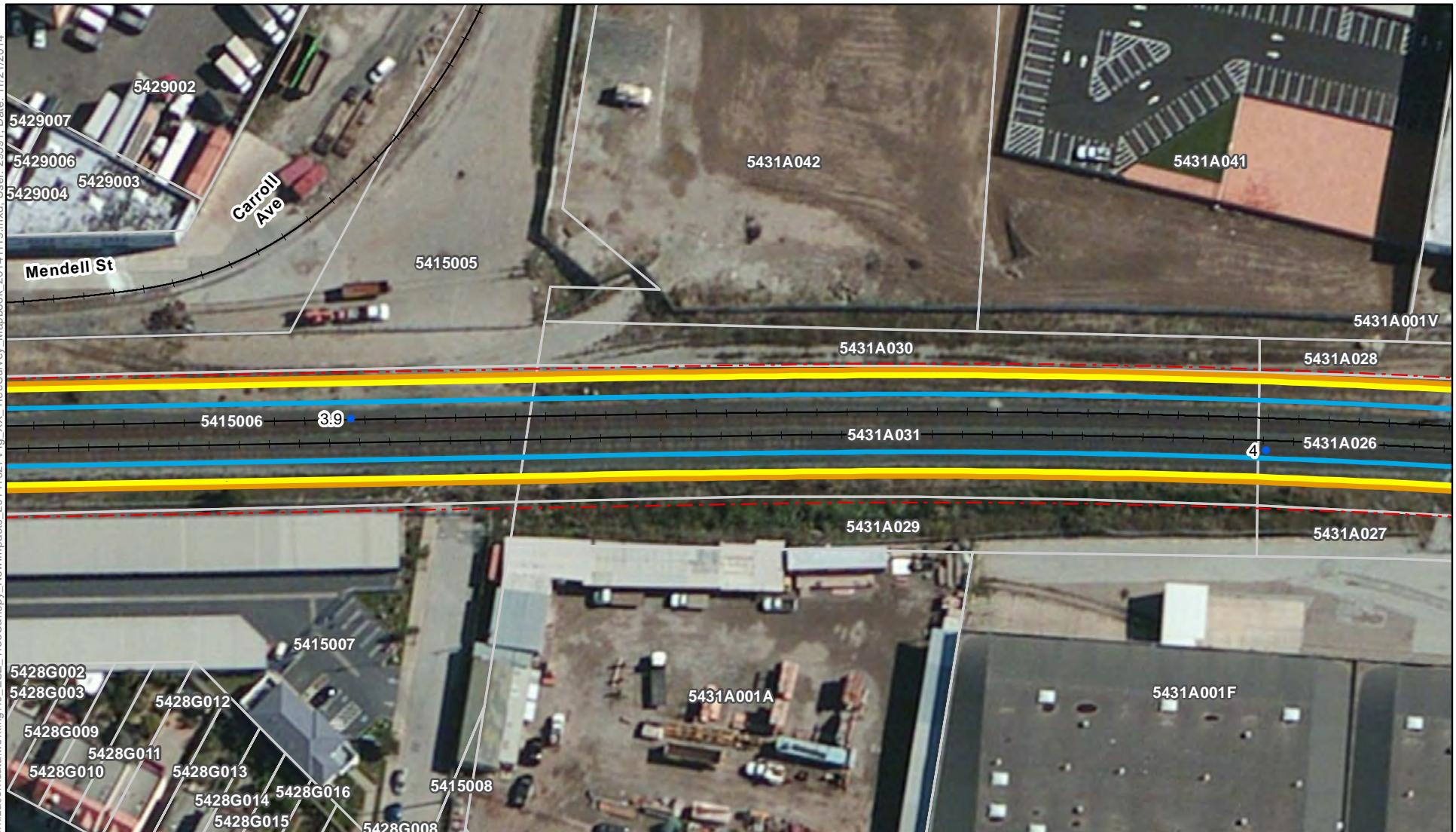
Grid Index: A

San Francisco, San Francisco County



0 50 100  
Feet

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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

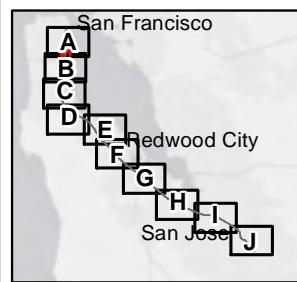
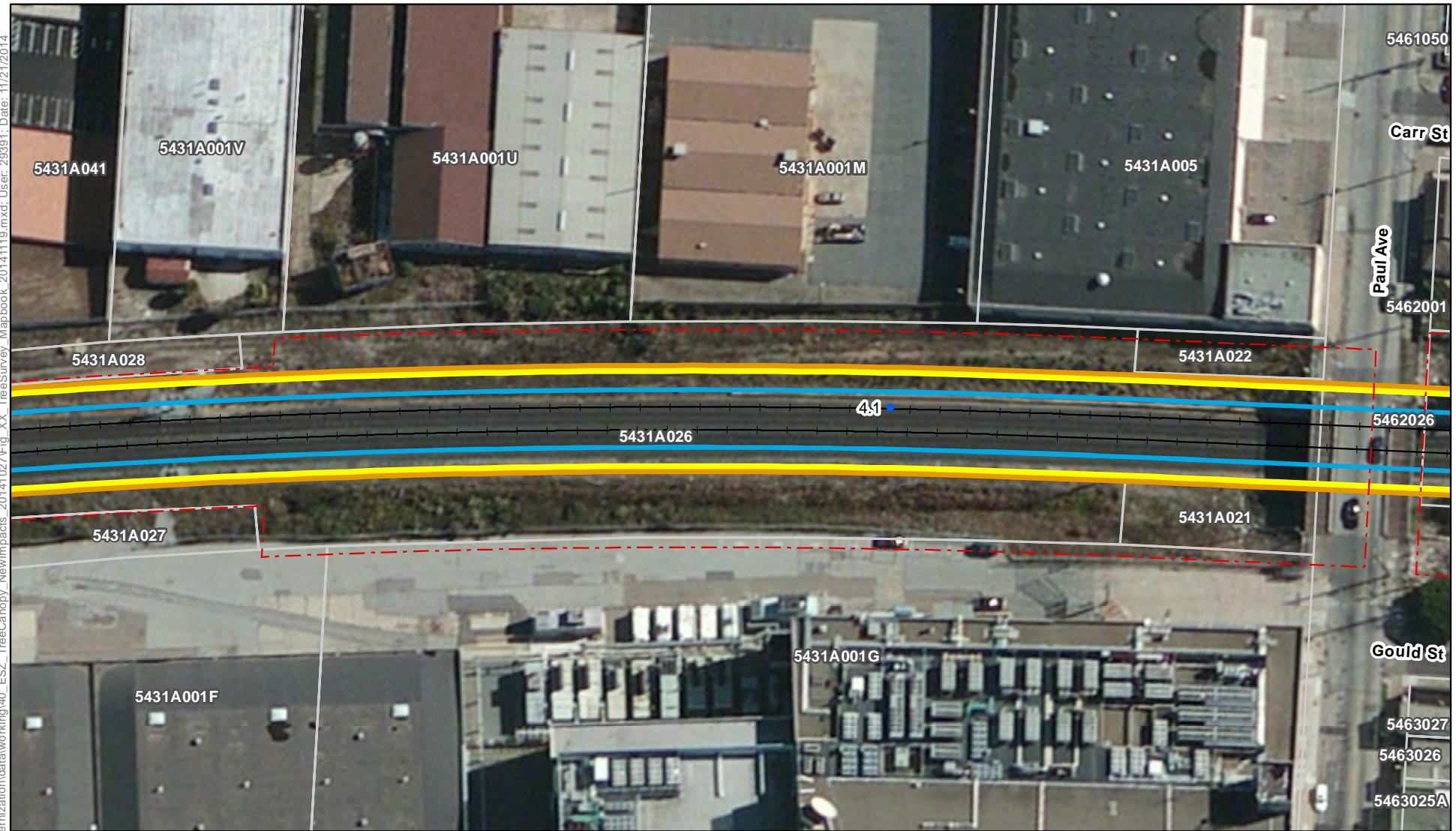
Page 28 of 359

## San Francisco, San Francisco County

4

A horizontal line segment representing distance. It has tick marks at 0, 50, and 100. The word "Feet" is written at the right end of the line.

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
- - - 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 29 of 359

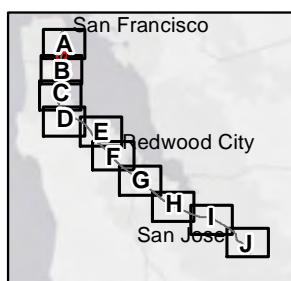
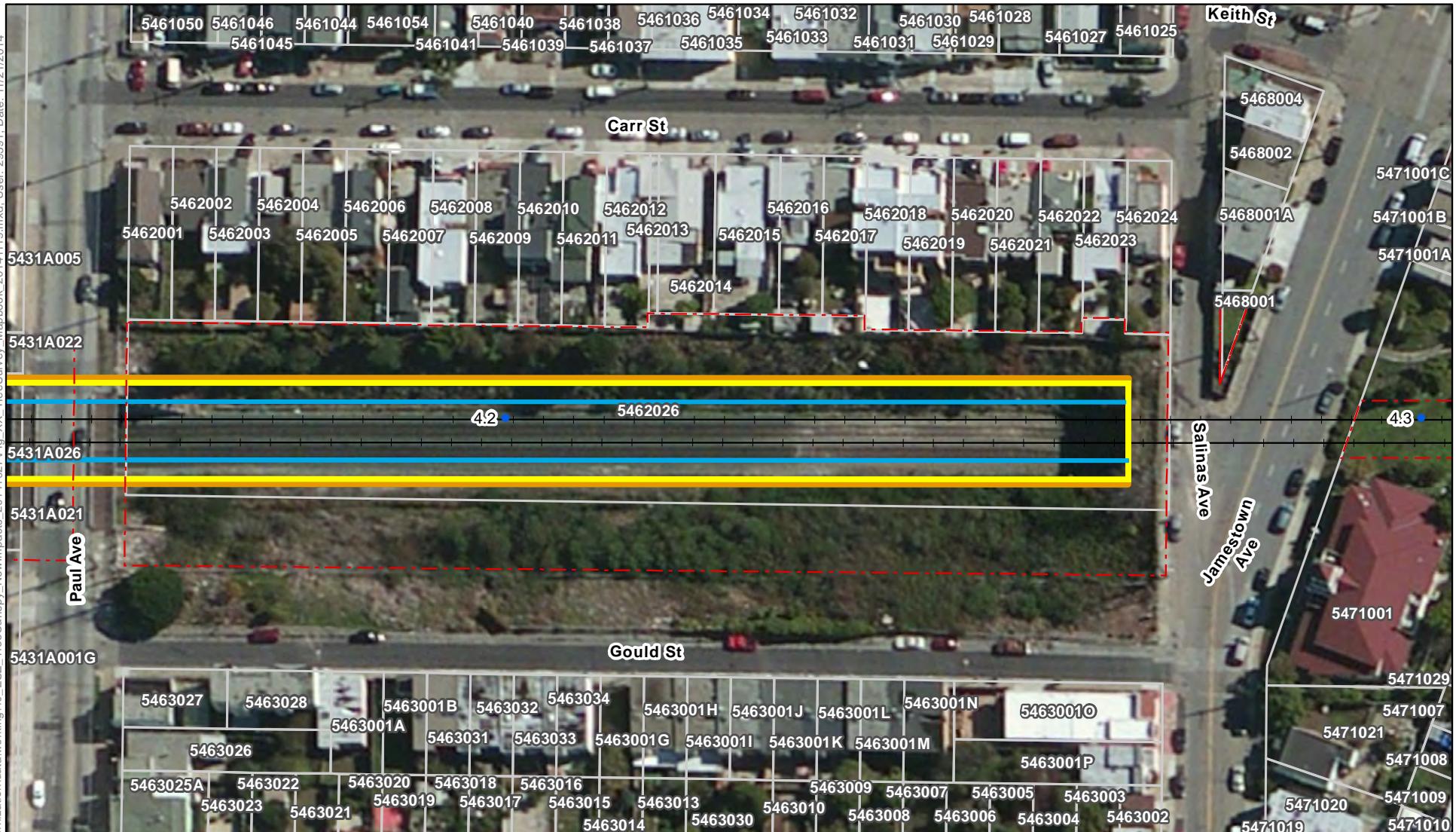
Grid Index: A and B

San Francisco, San Francisco County



0 50 100  
Feet

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
  - 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 30 of 359

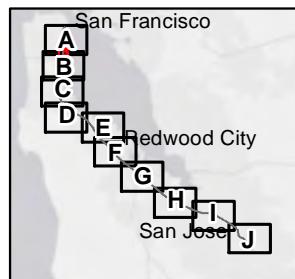
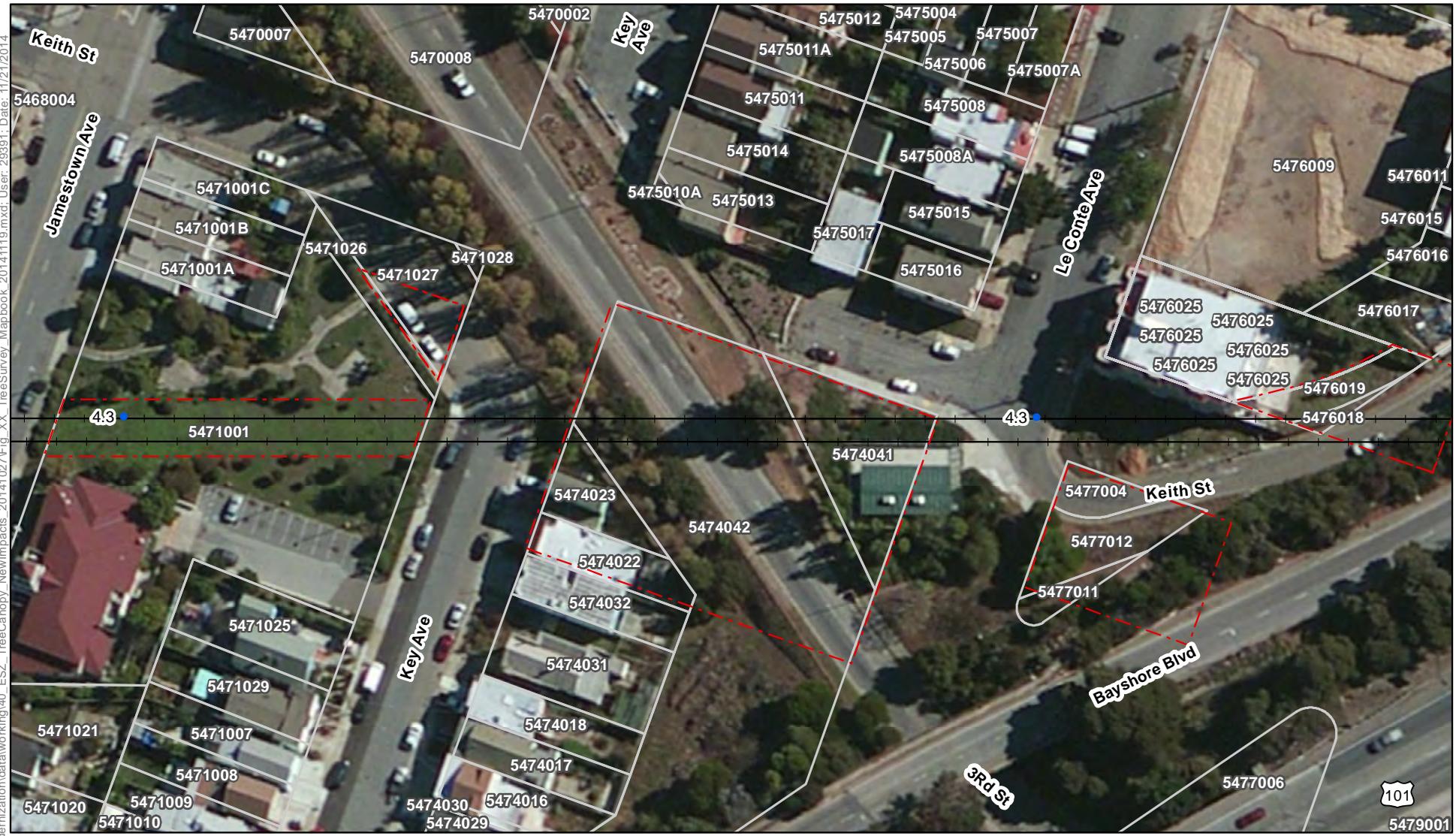
## Grid Index: A and B

## San Francisco, San Francisco County



A horizontal number line starting at 0 and ending at 100. There are two tick marks on the line. The first tick mark is at 50 and is labeled with a vertical line and the letter 'I'. The second tick mark is at 100 and is labeled '100'. Below the line, the word 'Feet' is written.

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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 31 of 359

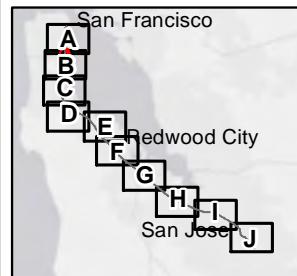
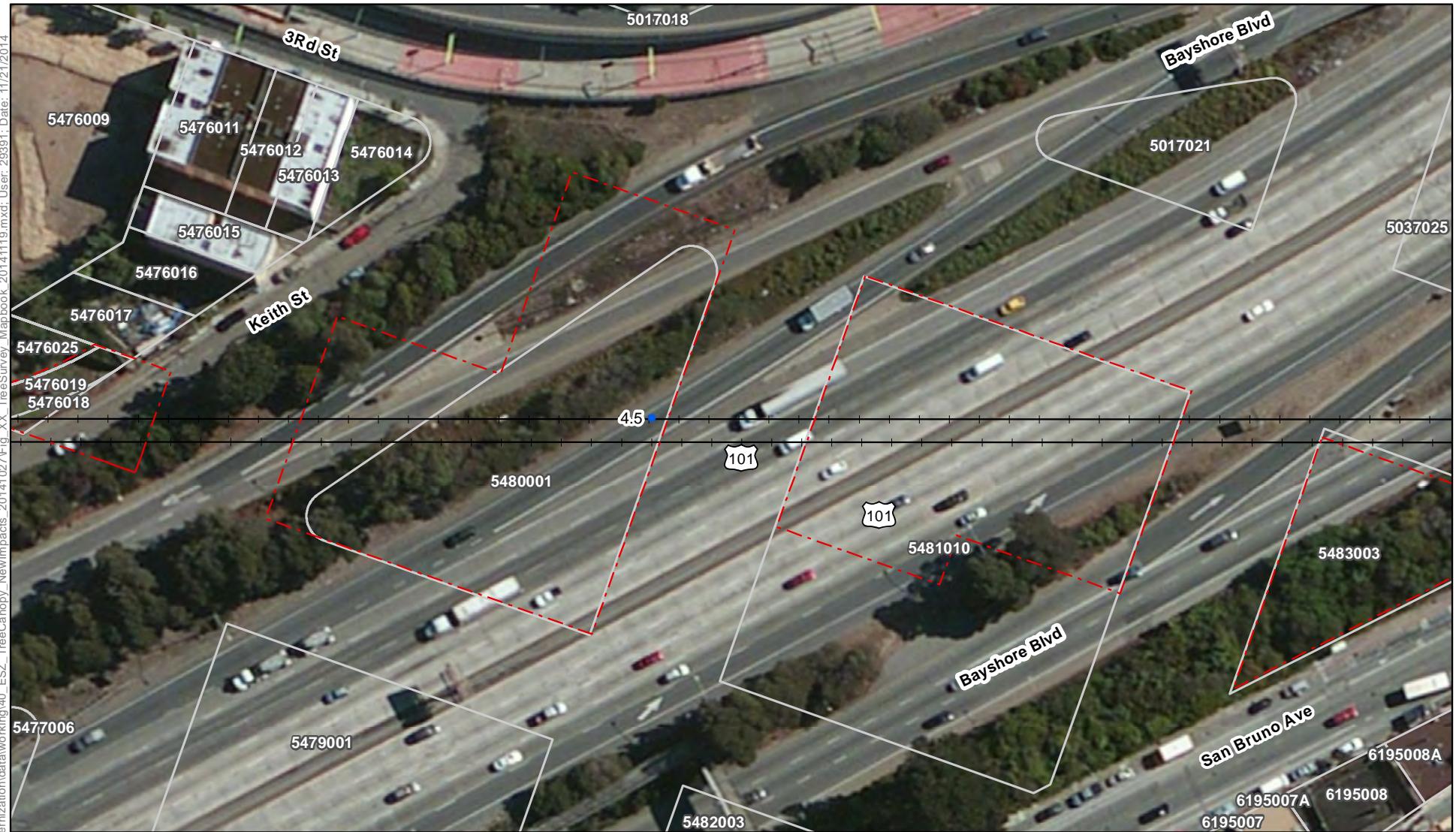
Grid Index: A and B

San Francisco, San Francisco County



0 50 100  
Feet

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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 32 of 359

Grid Index: A and B

San Francisco, San Francisco County



0 50 100  
Feet

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.