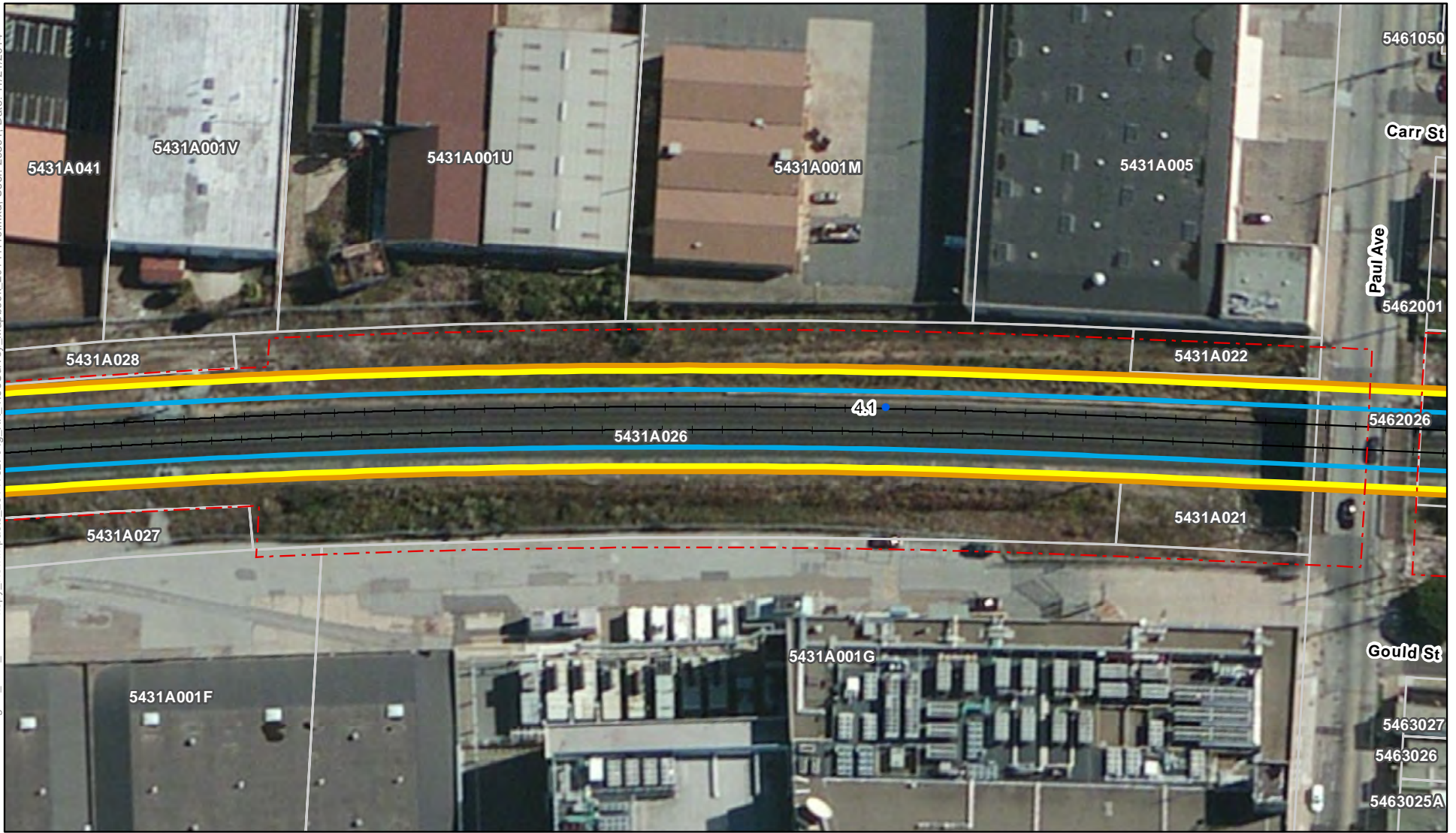


Appendix J
**Preliminary Overhead Contact System/Electrical Safety
Zone/Tree Impact Maps (Grid B)**

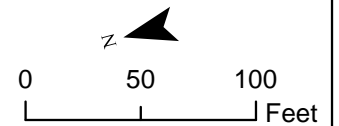


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

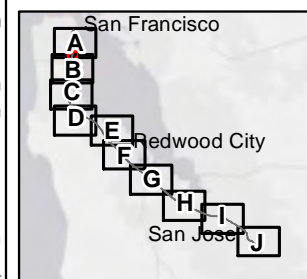
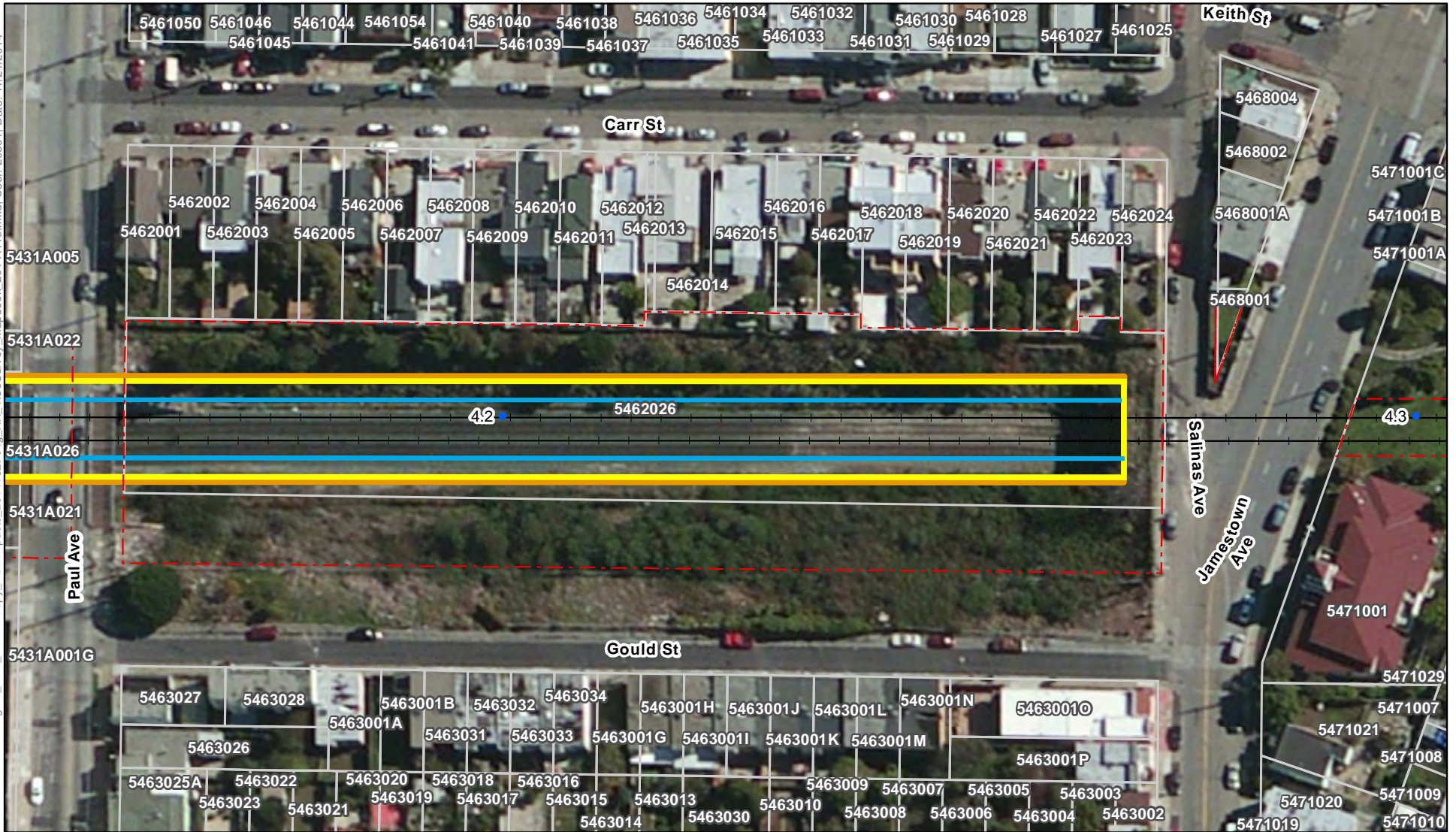
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 29 of 359
 Grid Index: A and B
 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.

Path: K:\Projects_3\Caltrain_MoDerization\data\working\40_ESZ_TreeCanopy_NewImpacts_20141102\Fig_XX_TreeSurvey_Mapbook_20141119.mxd; User: 29391; Date: 11/21/2014

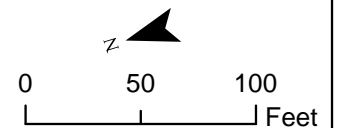


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

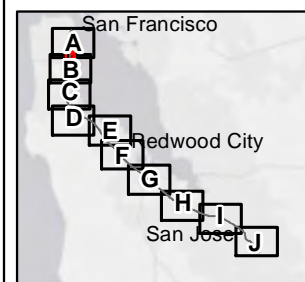
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 30 of 359
 Grid Index: A and B
 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.

Path: K:\Projects_3\Caltrain_Moderization\data\working\40_ESZ_TreeCanopy_NewImpacts_201411027\Fig_XX_TreeSurvey_Mapbook_20141119.mxd; User: 29391; Date: 11/21/2014



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*

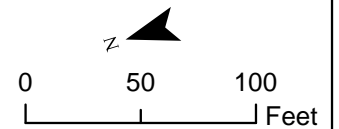
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 31 of 359

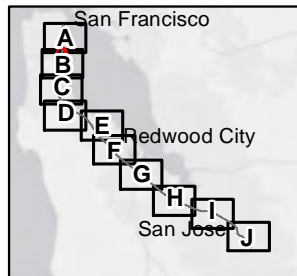
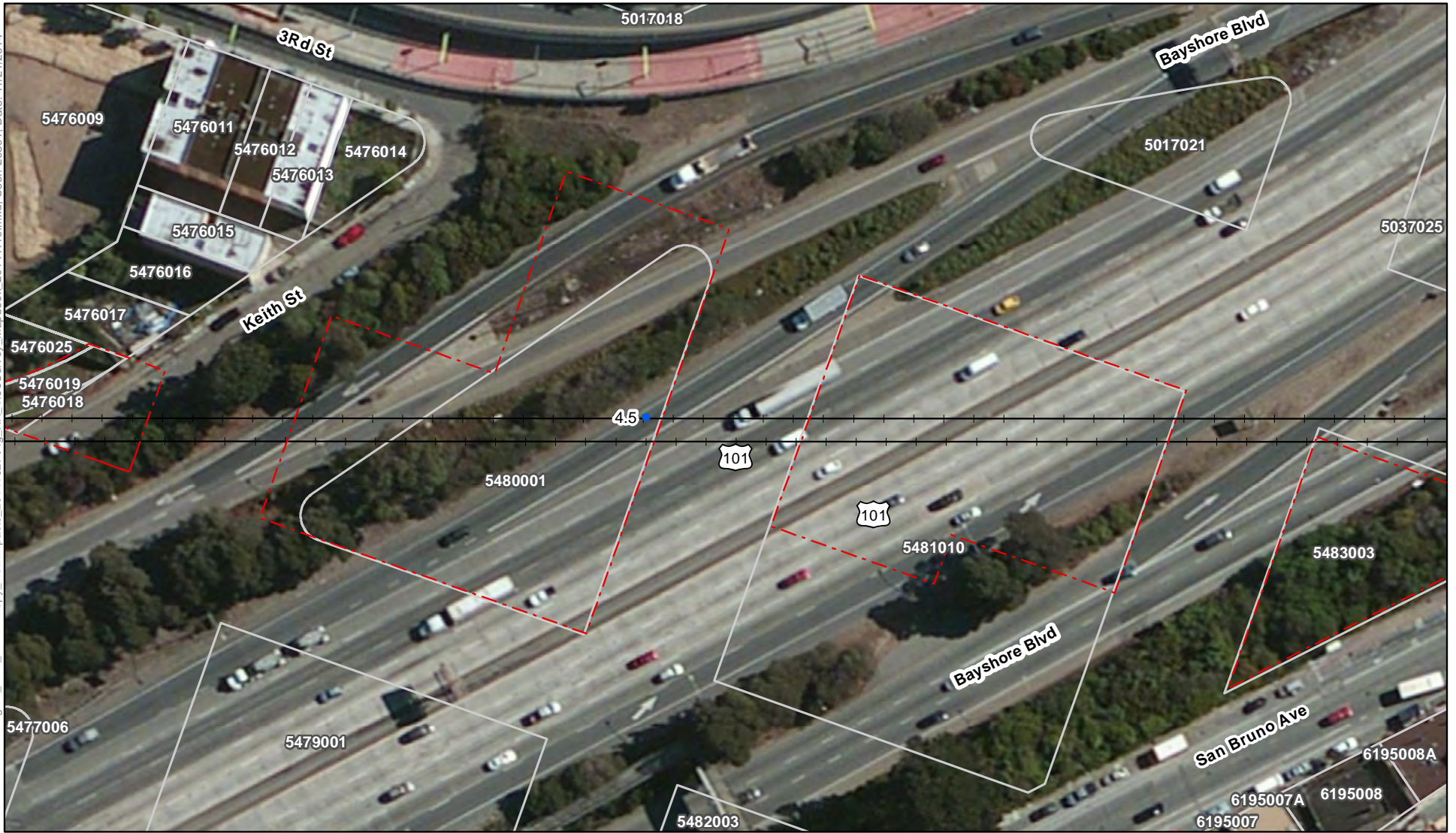
Grid Index: A and B

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.

Path: K:\Projects_3\Caltrain_Moderization\data\working\40_ESZ_TreeCanopy_NewImpacts_201411027\Fig_XX_TreeSurvey_Mapbook_20141119.mxd; User: 29391; Date: 11/21/2014



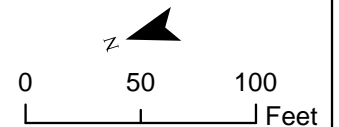
Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

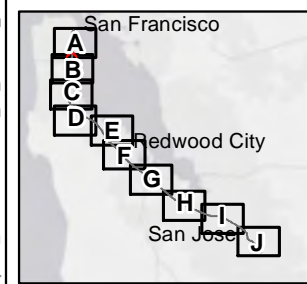
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 32 of 359
 Grid Index: A and B
 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.



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*

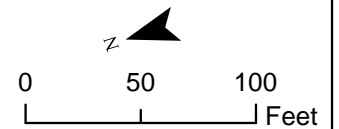
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 33 of 359

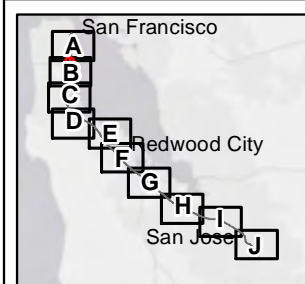
Grid Index: B

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.

Path: K:\Projects_3\Caltrain_3\Caltrain_00606_12_Caltrain_Modernization\data\working\40_ESZ_TreeCanopy_NewImpacts_201411027\Fig_XX_TreeSurvey_Mapbook_20141119.mxd; User: 29391; Date: 11/21/2014

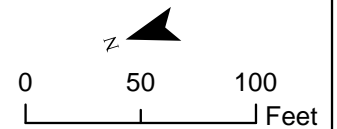


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

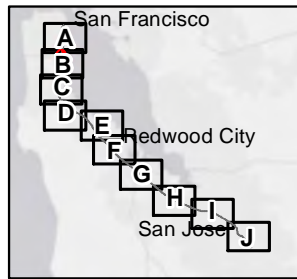
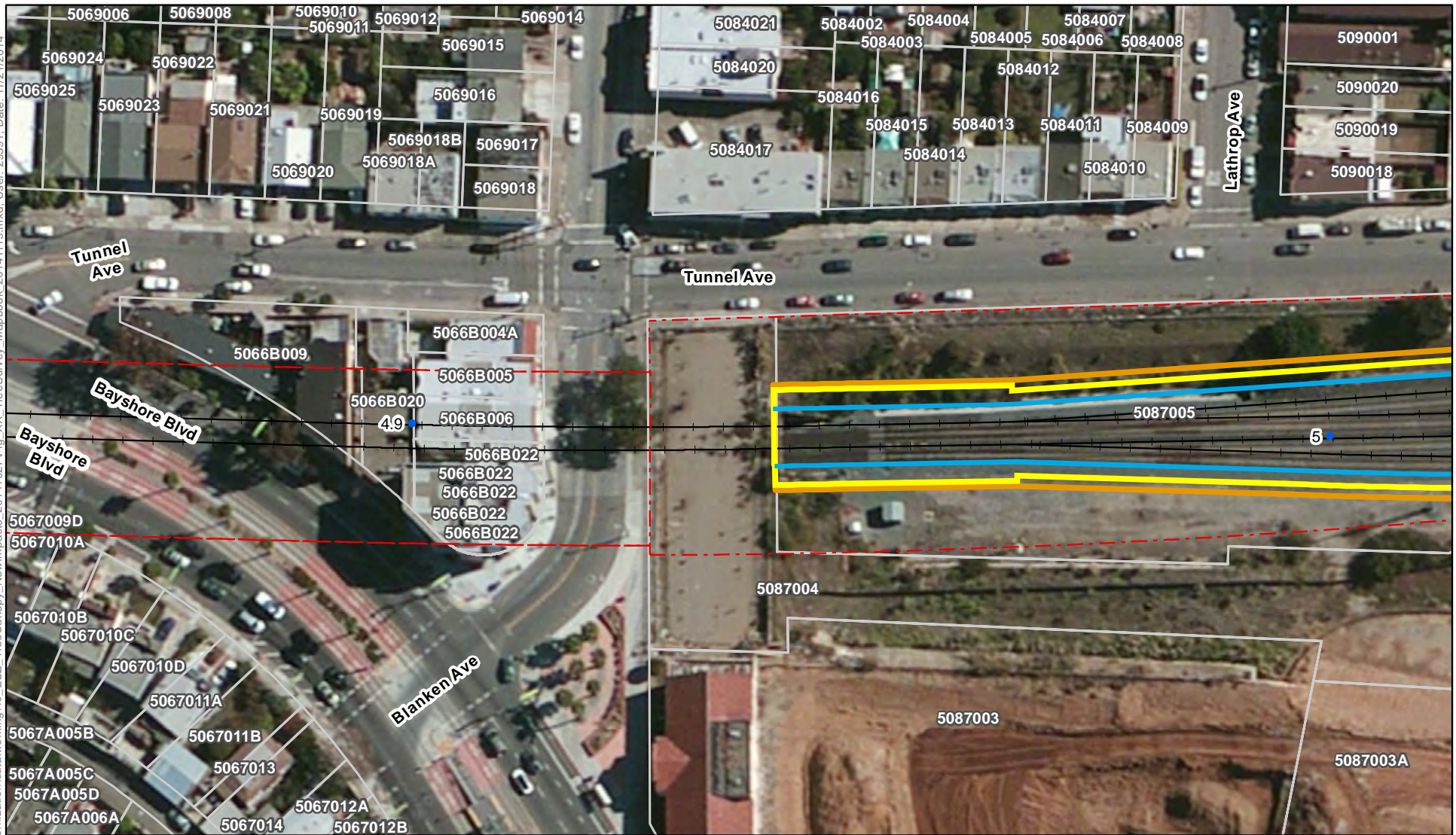
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 34 of 359
 Grid Index: B
 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.

Path: K:\Projects_3\Caltrain_3\Caltrain_00606_12_Caltrain_Moderization\data\working\40_ESZ_TreeCanopy_NewImpacts_20141027\Fig_XX_TreeSurvey_Mapbook_20141119.mxd; User: 29391; Date: 11/21/2014

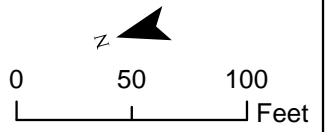


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

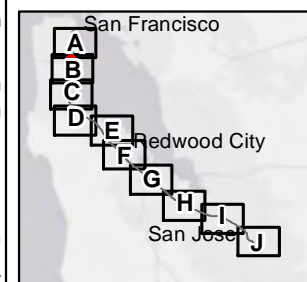
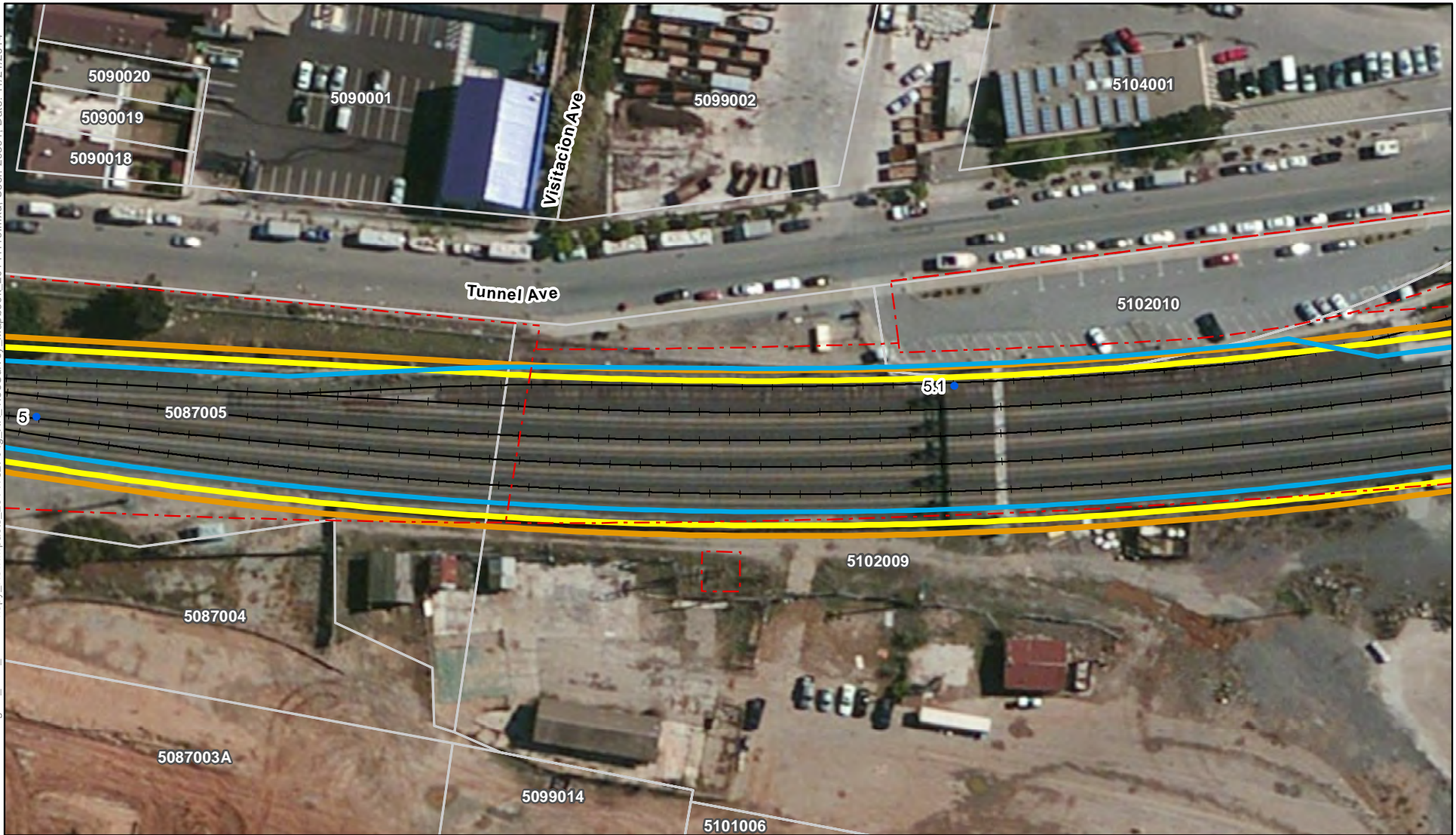
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 35 of 359
 Grid Index: B
 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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 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*

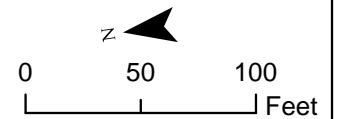
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 36 of 359

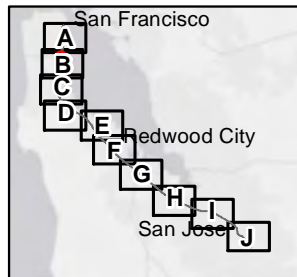
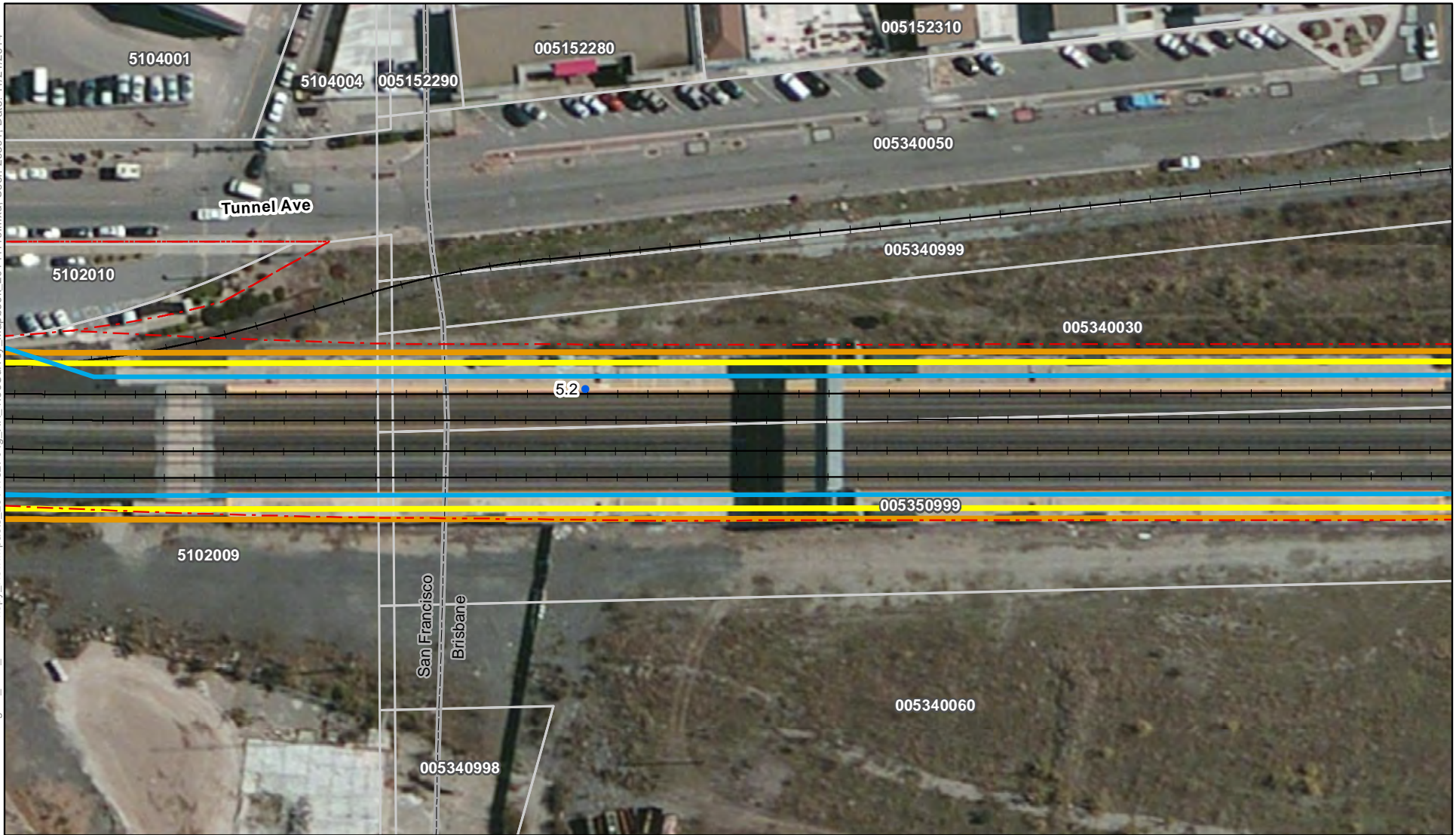
Grid Index: B

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.

Path: K:\Projects_3\Caltrain_Moderization\data\working\40_ESZ_TreeCanopy_NewImpacts_20141119.mxd; Fig_XX_TreeSurvey_Mapbook_20141119.mxd; User: 29391; Date: 11/21/2014



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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

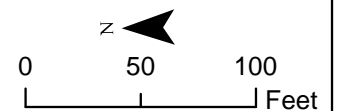
Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 37 of 359

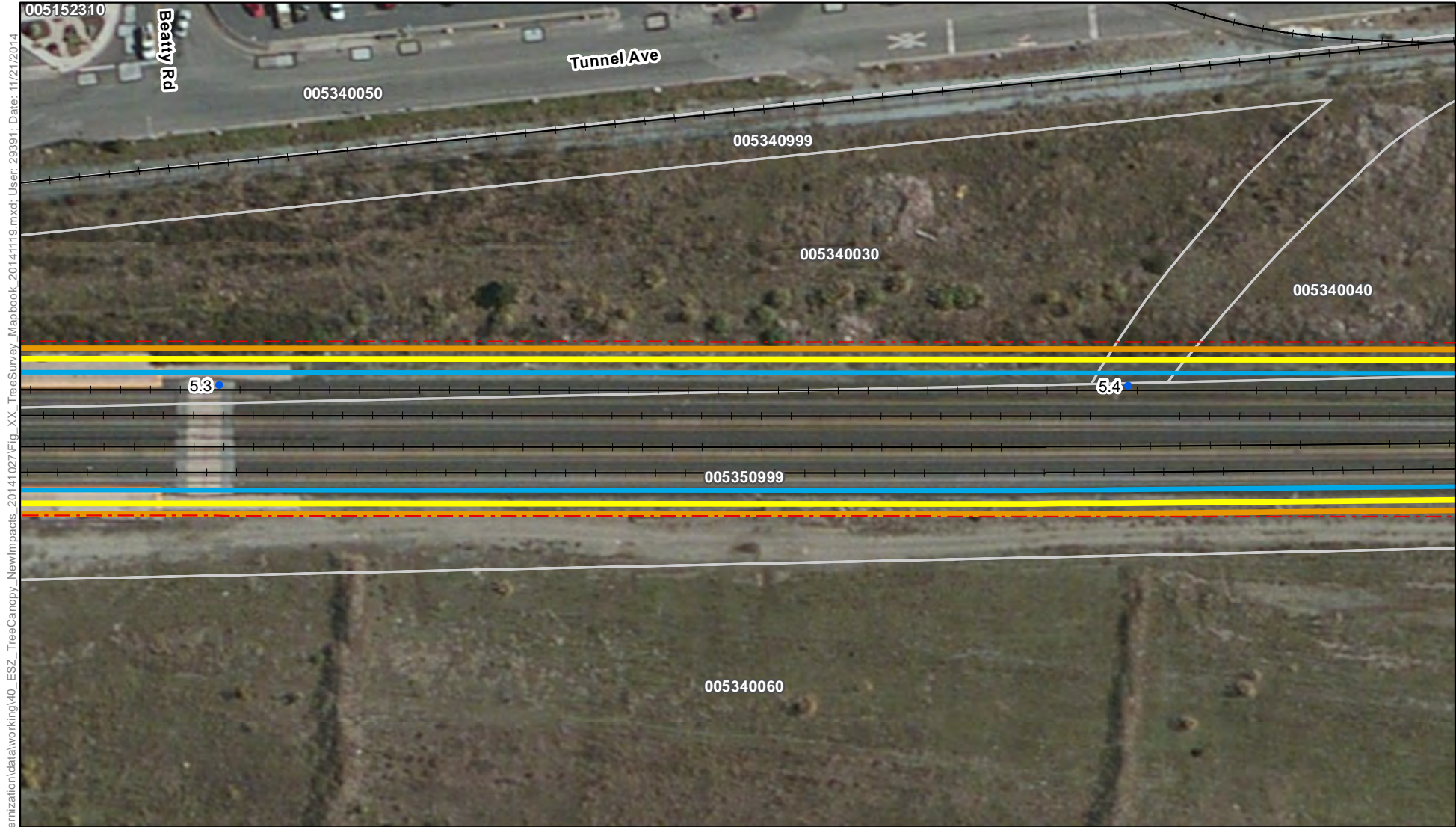
Grid Index: B

San Francisco, San Francisco County

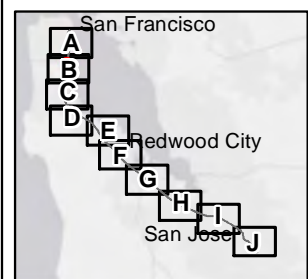
Brisbane, San Mateo County



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.



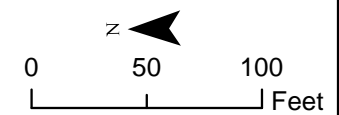
Path: K:\Projects_3\Caltrain_MoDerization\data\working\40_ESZ_TreeCanopy_NewImpacts_20141027\Fig_XX_TreeSurvey_Mapbook_20141119.mxd; User: 29391; Date: 11/21/2014



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

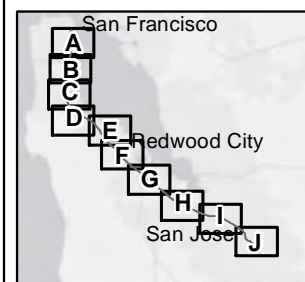
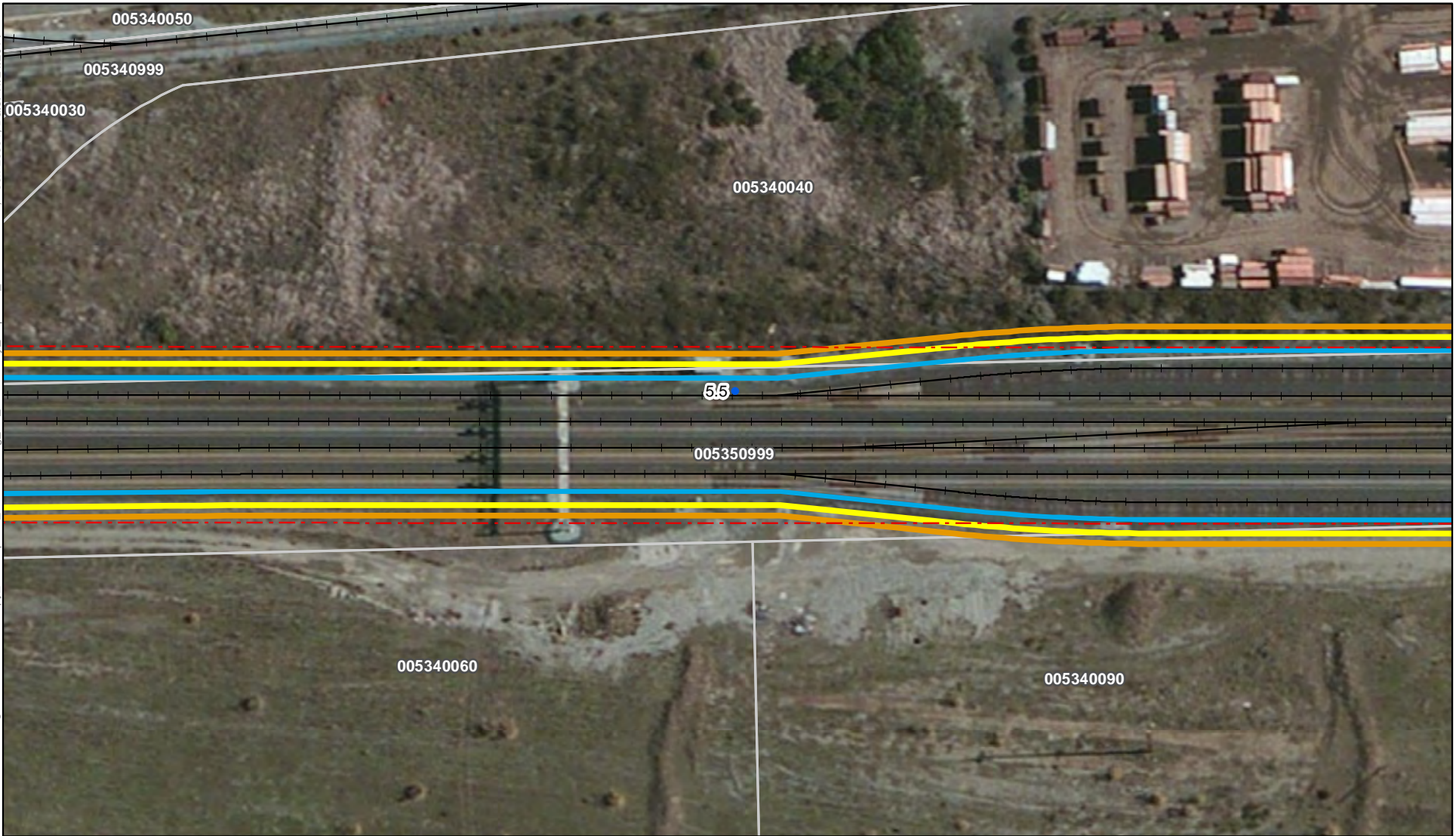
- Track Mile Post
 - - - JPB Right of Way
 - + Tracks
 - Parcel
 - OCS (outer pole alignment)
 - ESZ - 21'/18' offset
 - ESZ - 24' offset
 - ▨ Tree Canopy within ESZ*
- Tree Impact ****
 - No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 38 of 359
 Grid Index: B
 Brisbane, San Mateo 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.

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:
 * Tree canopy was determined from NAIP 2009 data.
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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*

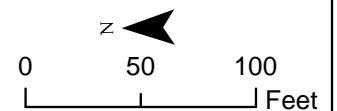
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

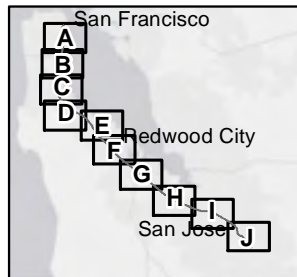
Page 39 of 359

Grid Index: B

Brisbane, San Mateo 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.

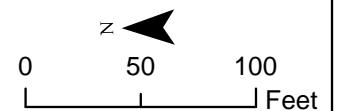


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

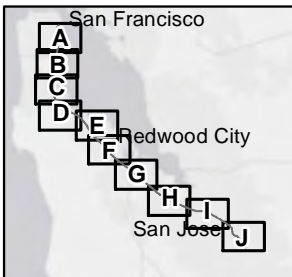
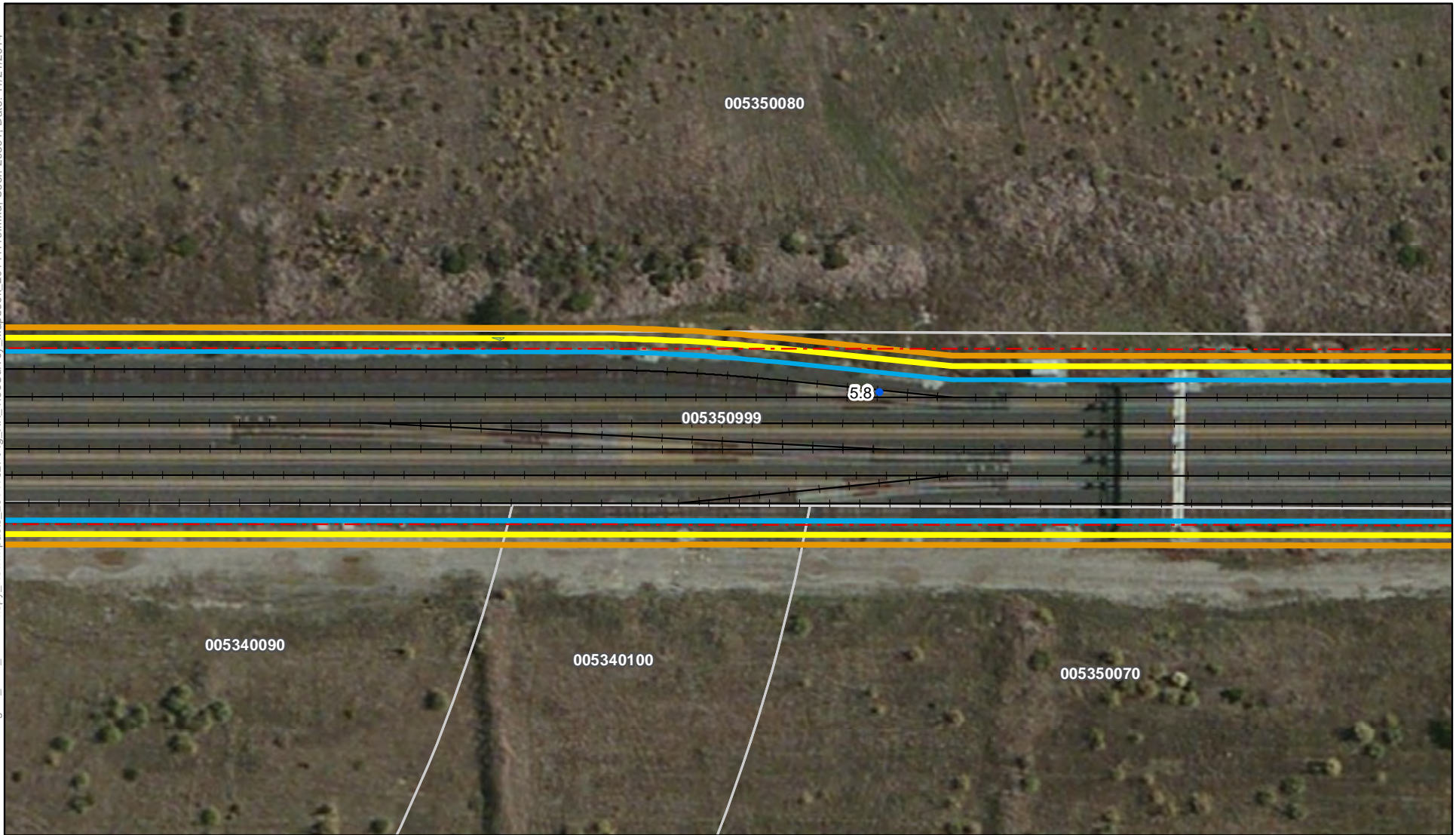
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps



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*

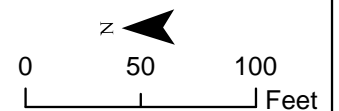
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

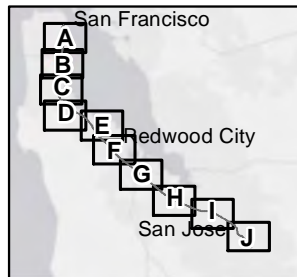
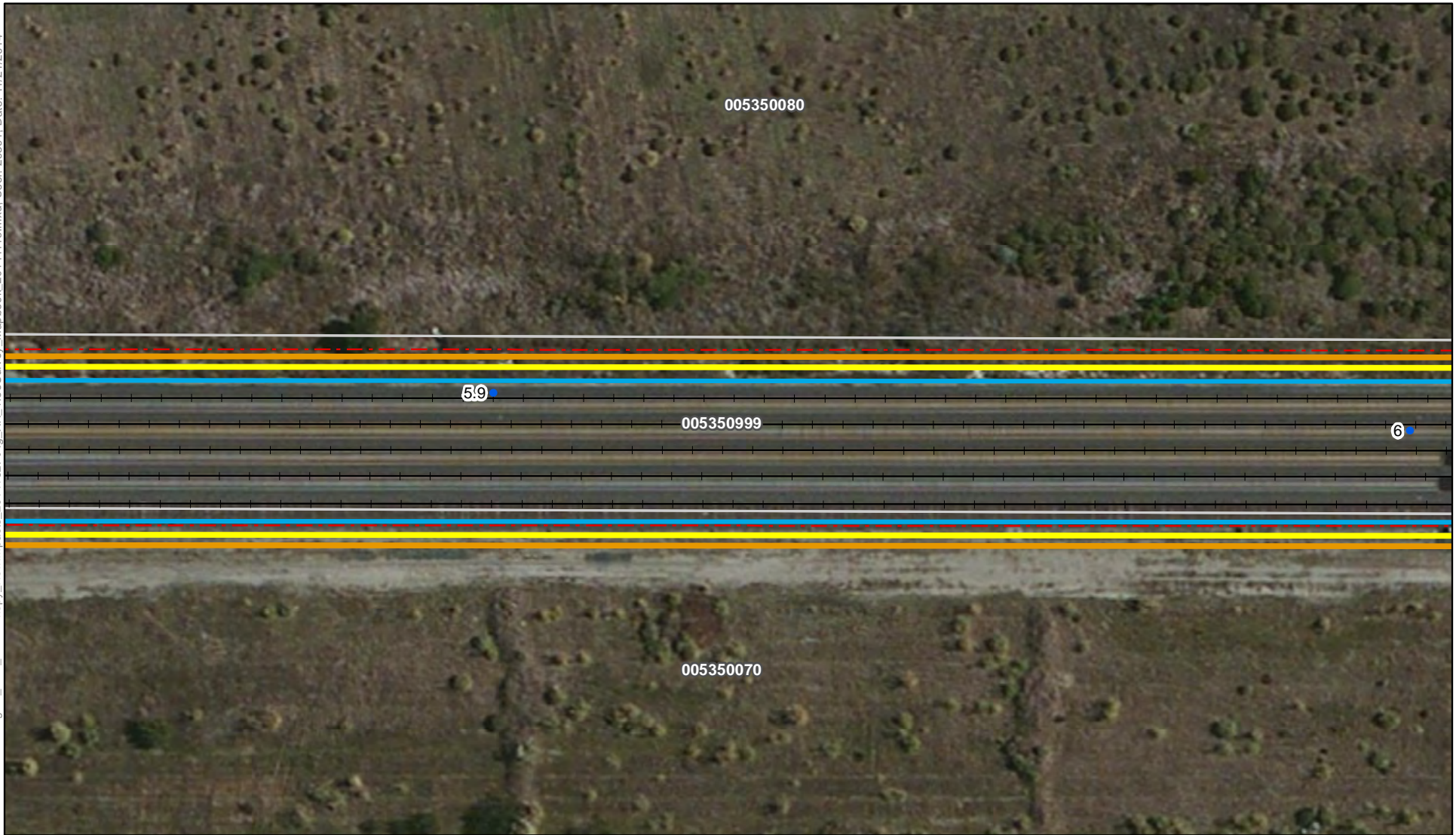
Page 41 of 359

Grid Index: B

Brisbane, San Mateo 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.

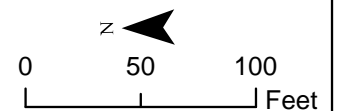


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

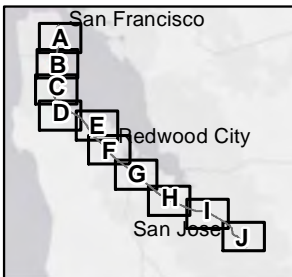
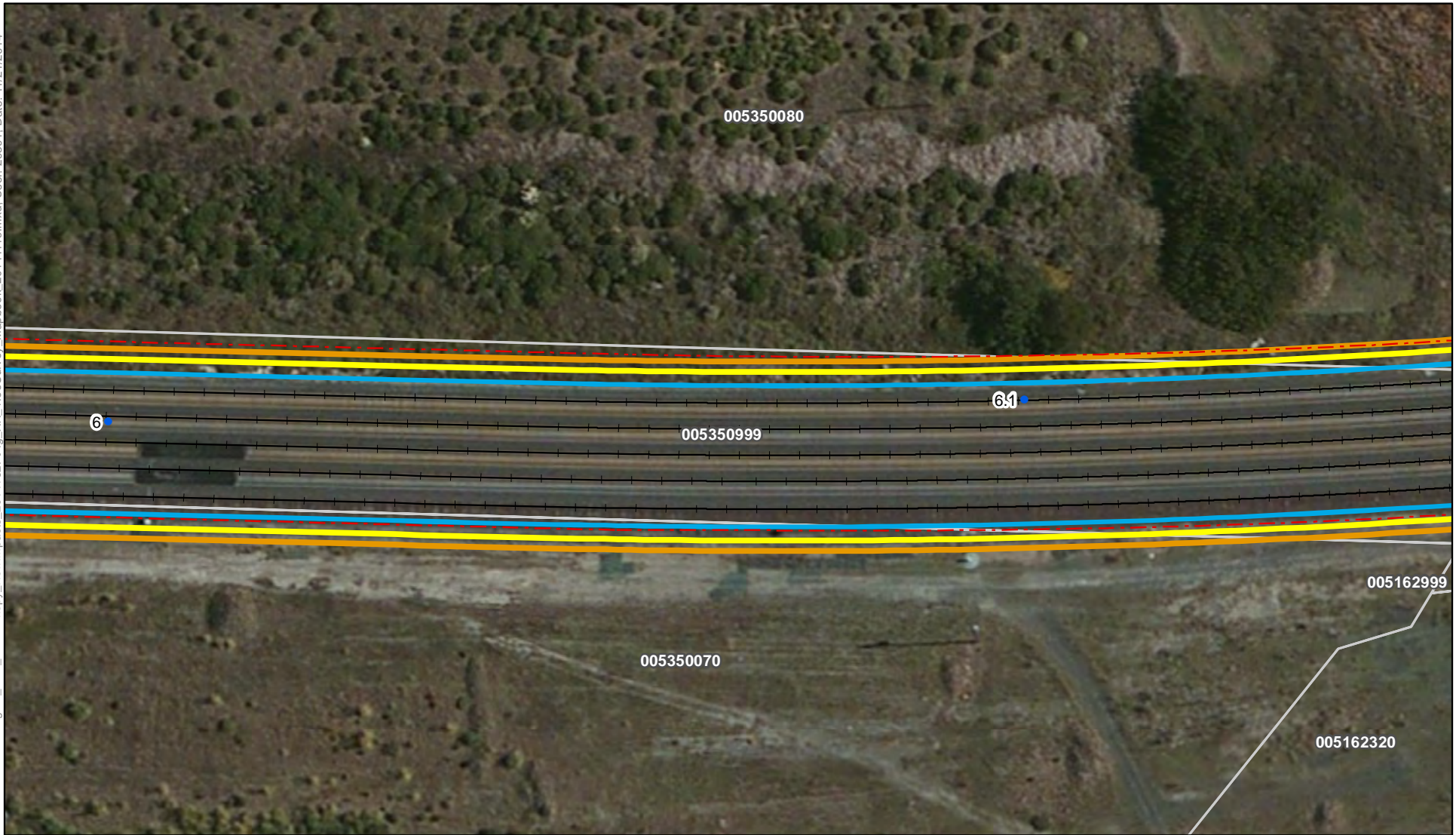
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps



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.

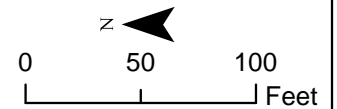


Notes:
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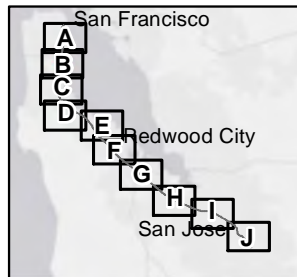
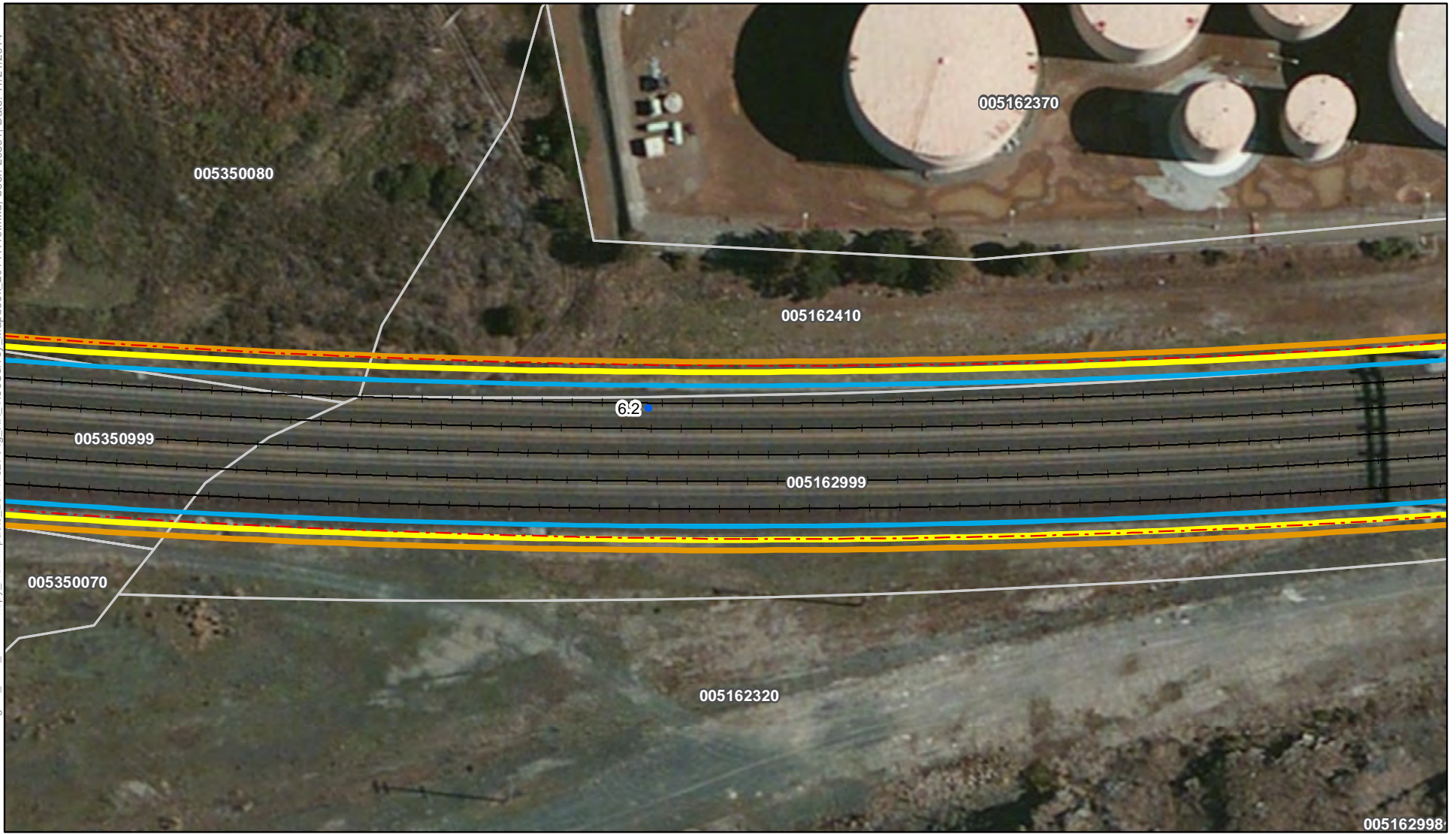
- Track Mile Post
- - - JPB Right of Way
- + + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps



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*

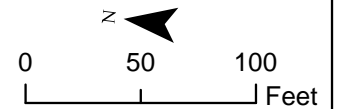
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

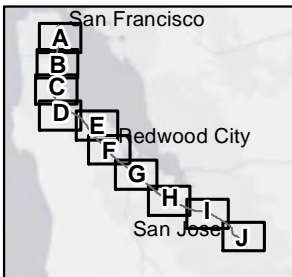
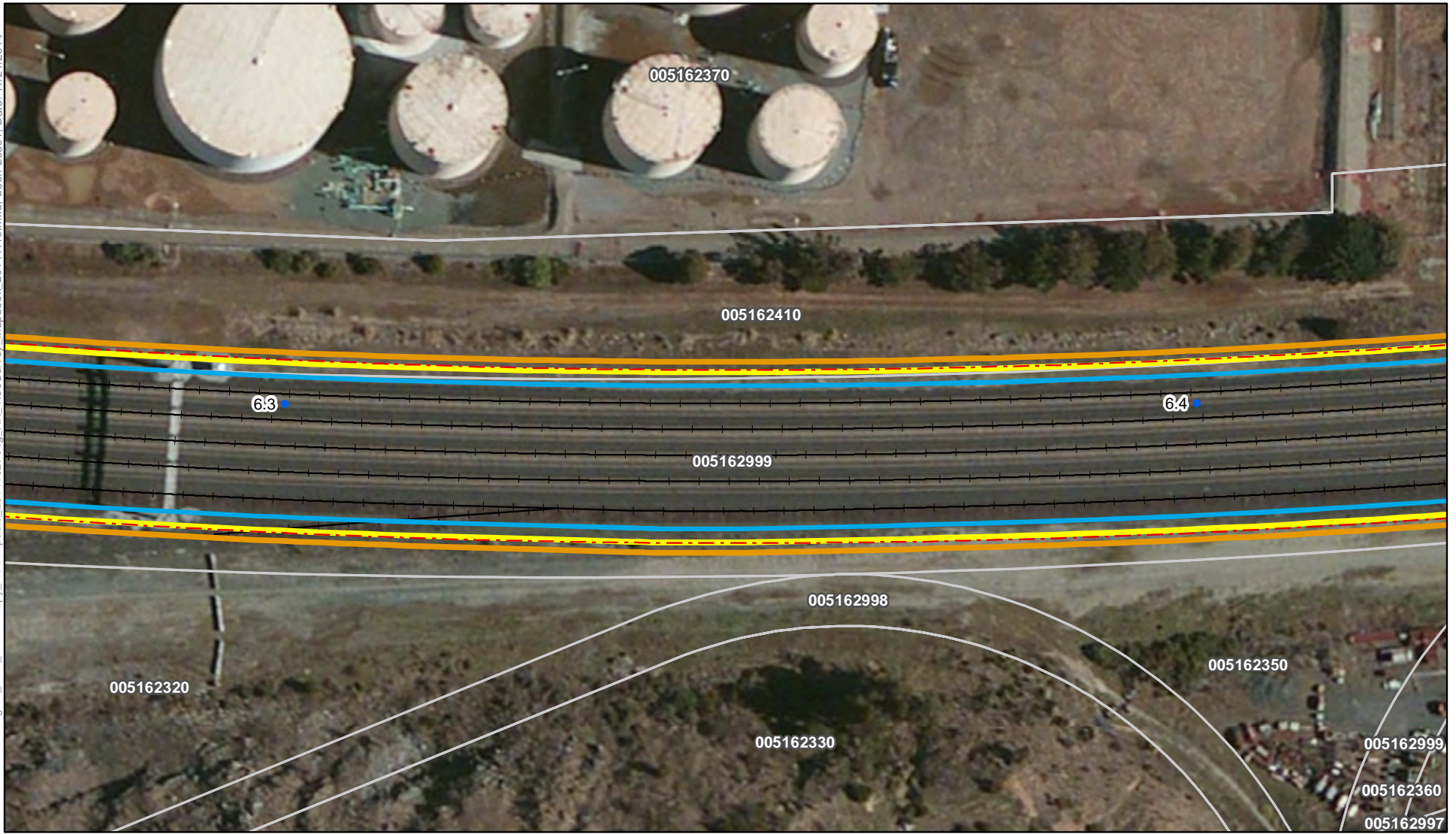
Page 44 of 359

Grid Index: B

Brisbane, San Mateo 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*

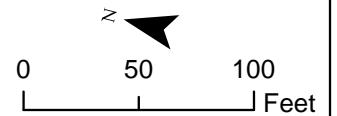
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- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

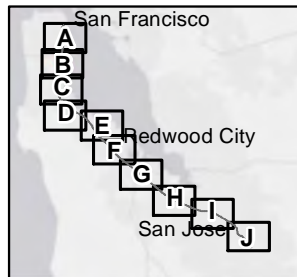
Page 45 of 359

Grid Index: B

Brisbane, San Mateo 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.

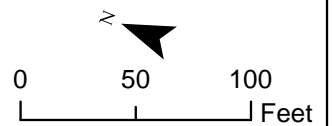


Notes:
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- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

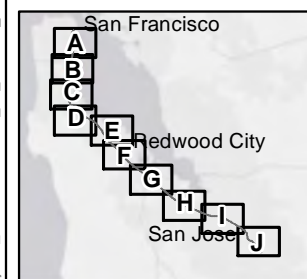
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps



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.

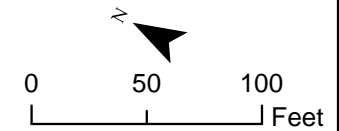
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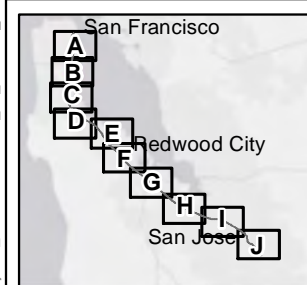
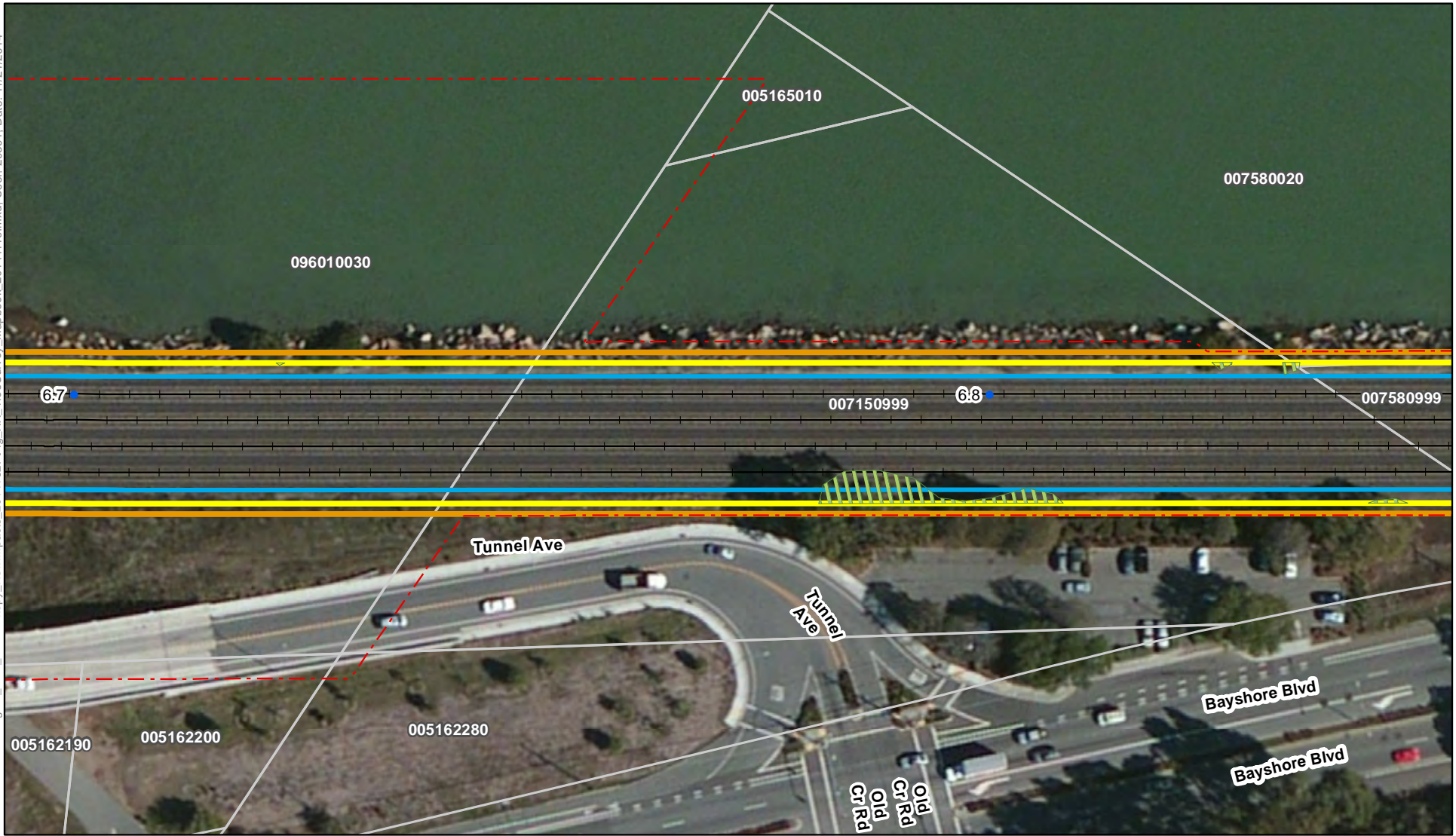
Notes:
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- Track Mile Post
 - - - JPB Right of Way
 - + Tracks
 - Parcel
 - OCS (outer pole alignment)
 - ESZ - 21'/18' offset
 - ESZ - 24' offset
 - ▨ Tree Canopy within ESZ*
- Tree Impact **
 - No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 47 of 359
 Grid Index: B
 Brisbane, San Mateo 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.



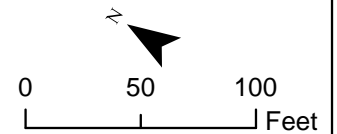
Notes:
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- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

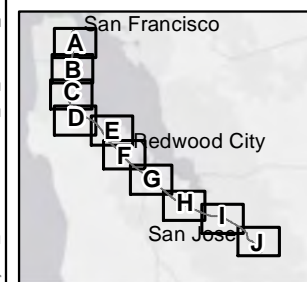
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 48 of 359
 Grid Index: B
 Brisbane, San Mateo 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.

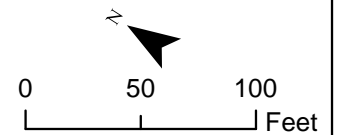


Notes:
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- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ*

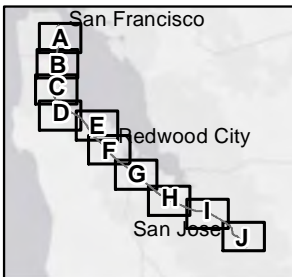
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps



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_Modernization\data\working\40_ESZ_TreeCanopy_NewImpacts_2014\1027\Fig_XX_TreeSurvey_Mapbook_2014\1119.mxd; User: 29391; Date: 11/21/2014

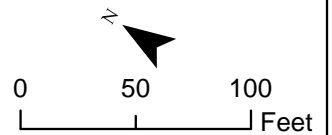


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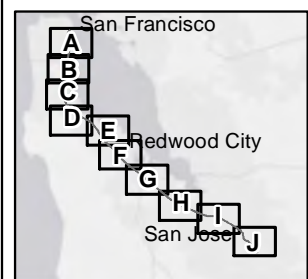
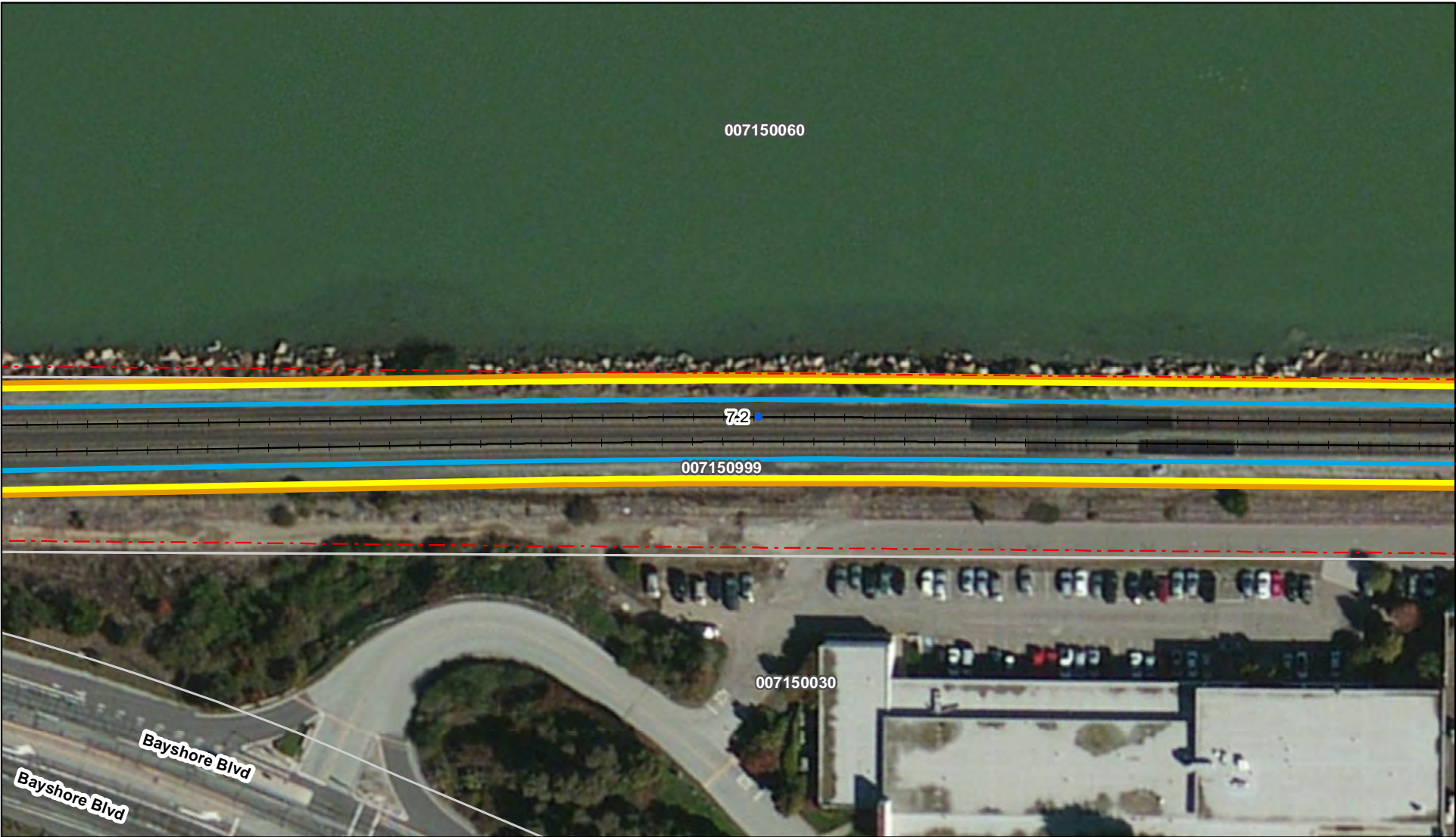
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ*

- 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.

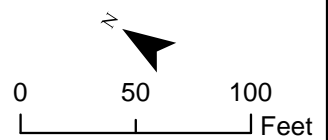


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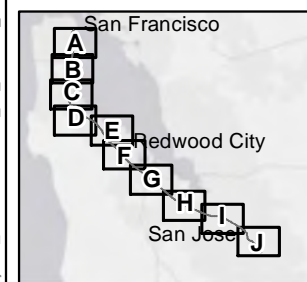
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 51 of 359
 Grid Index: B
 Brisbane, San Mateo 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.

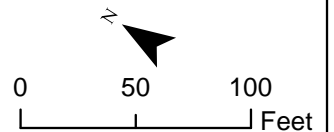


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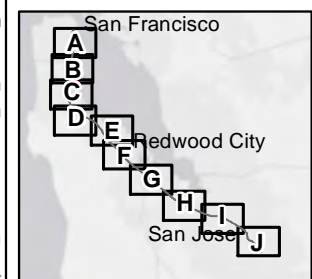
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps



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

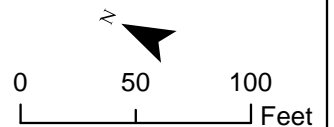
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 53 of 359

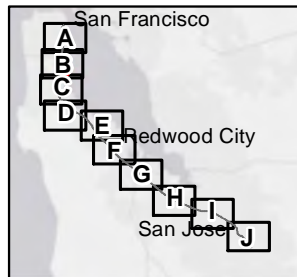
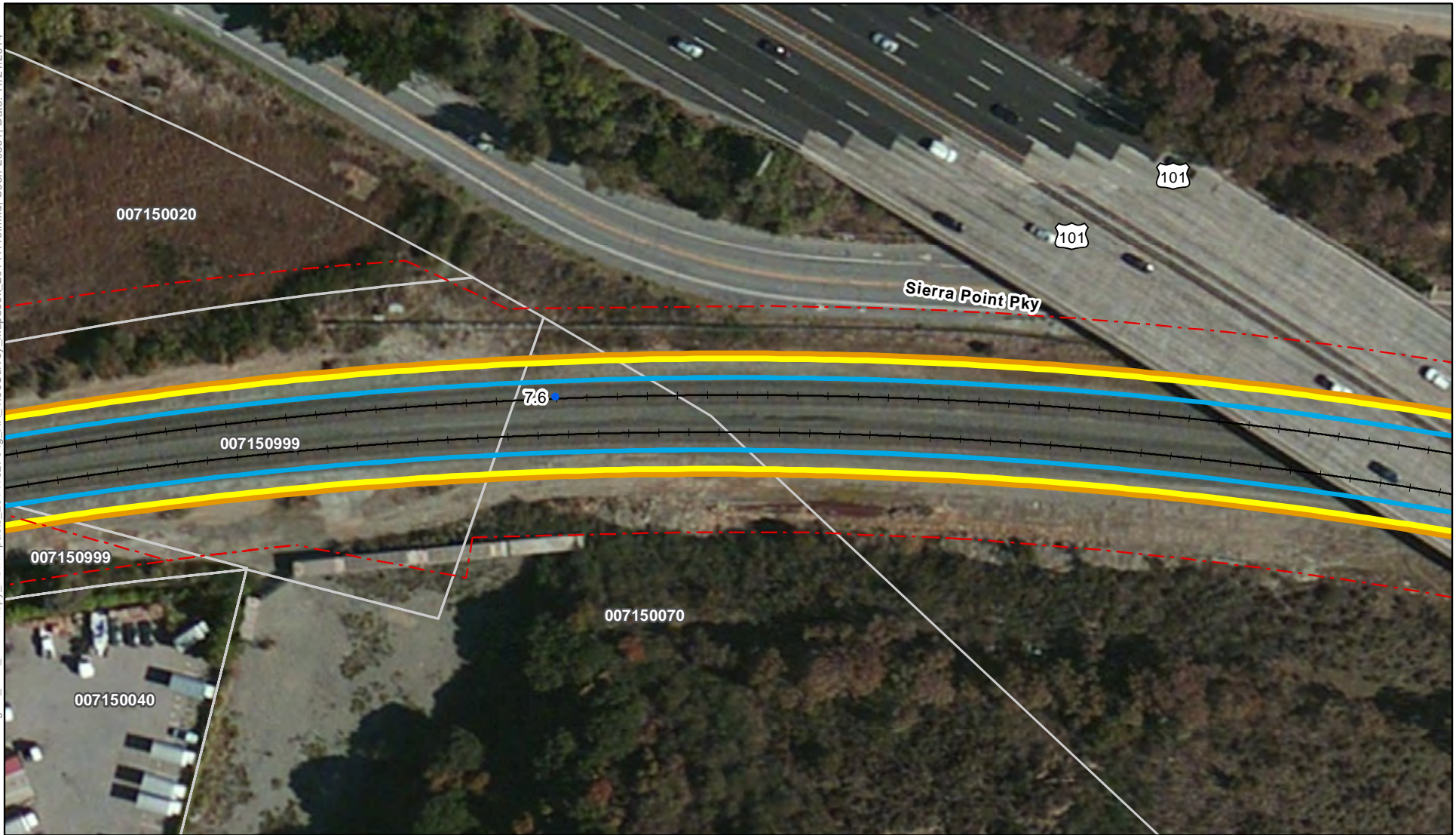
Grid Index: B

Brisbane, San Mateo County



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

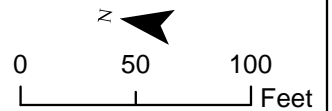
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 54 of 359

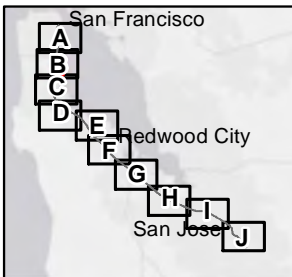
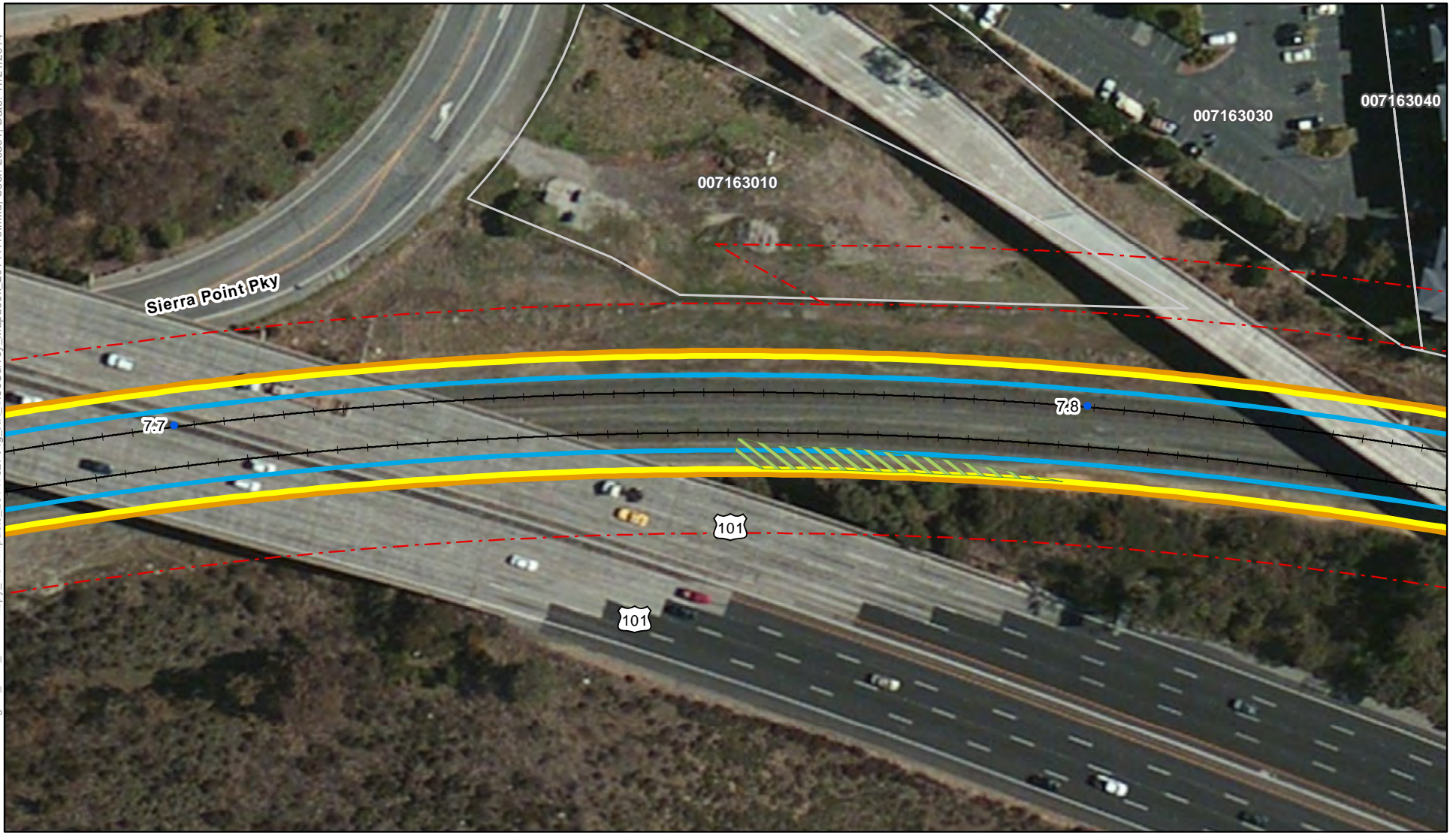
Grid Index: B

Brisbane, San Mateo County



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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*

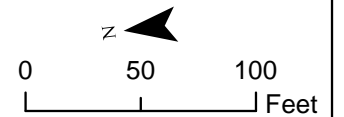
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

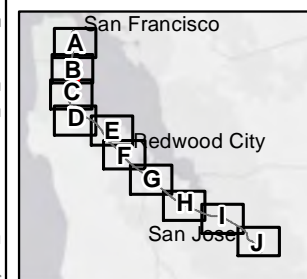
Page 55 of 359

Grid Index: B

Brisbane, San Mateo 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.

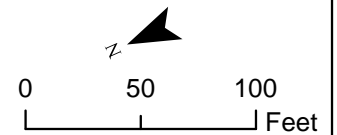


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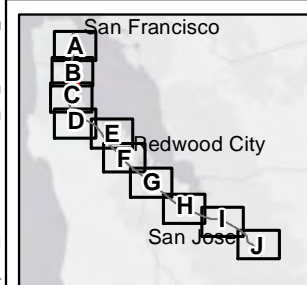
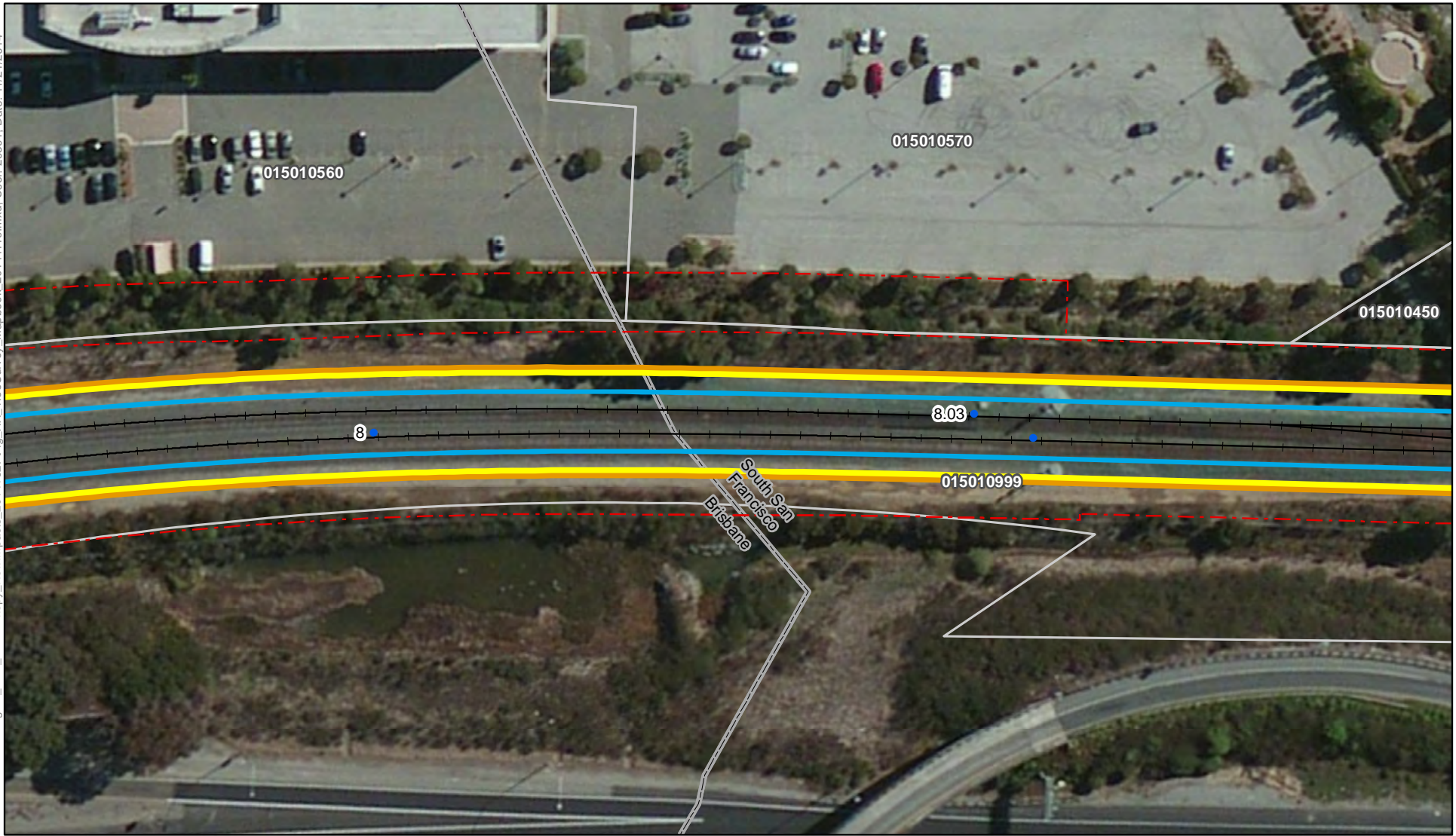
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

- Tree Impact ****
- No Impact
 - 50% Prune
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Preliminary PCEP OCS/ESZ/Tree Impact 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

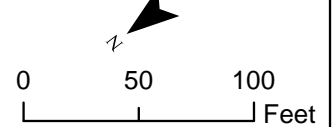
Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 57 of 359

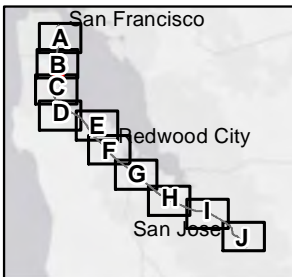
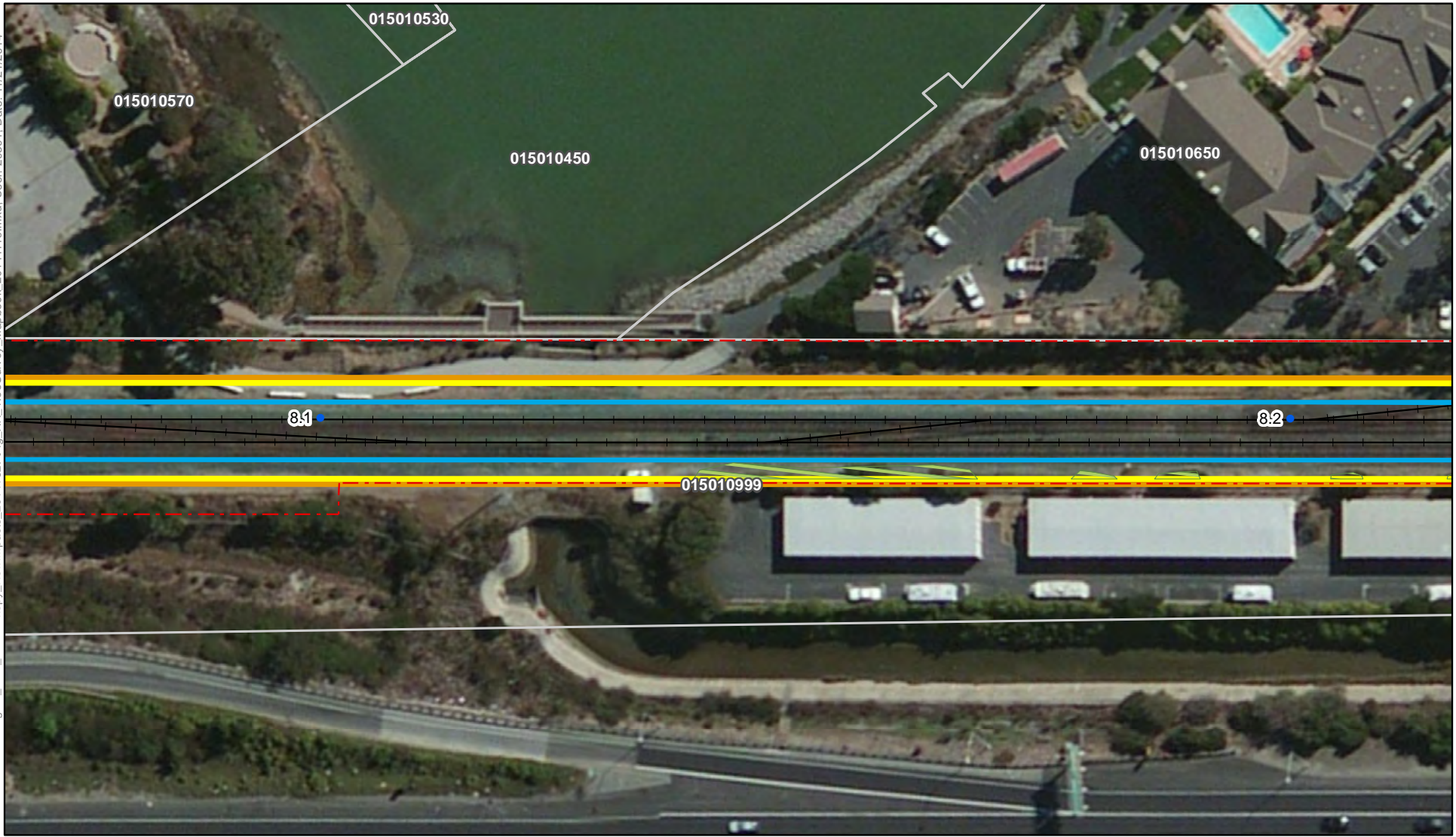
Grid Index: B

Brisbane, San Mateo County

South San Francisco, San Mateo 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*

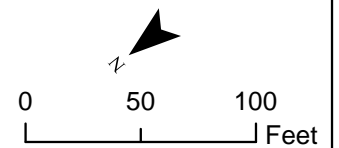
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 58 of 359

Grid Index: B and C

South San Francisco, San Mateo 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.



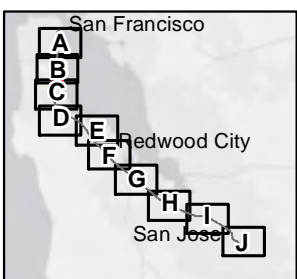
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015010650

015010680

8.3

015010999

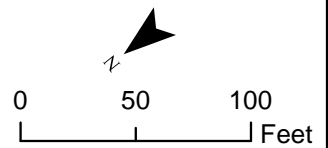


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

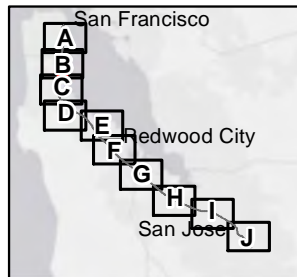
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 59 of 359
 Grid Index: B and C
 South San Francisco, San Mateo County



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Path: K:\Projects_3\Caltrain_Moderization\data\working\40_ESZ_TreeCanopy_NewImpacts_2014\1027\Fig_XX_TreeSurvey_Mapbook_2014\1119.mxd; User: 29391; Date: 11/21/2014

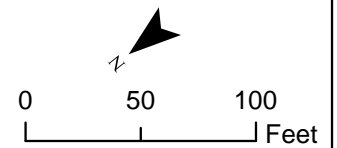


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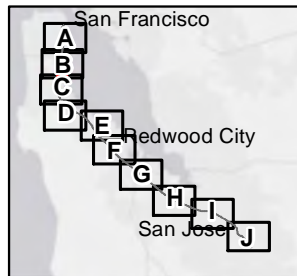
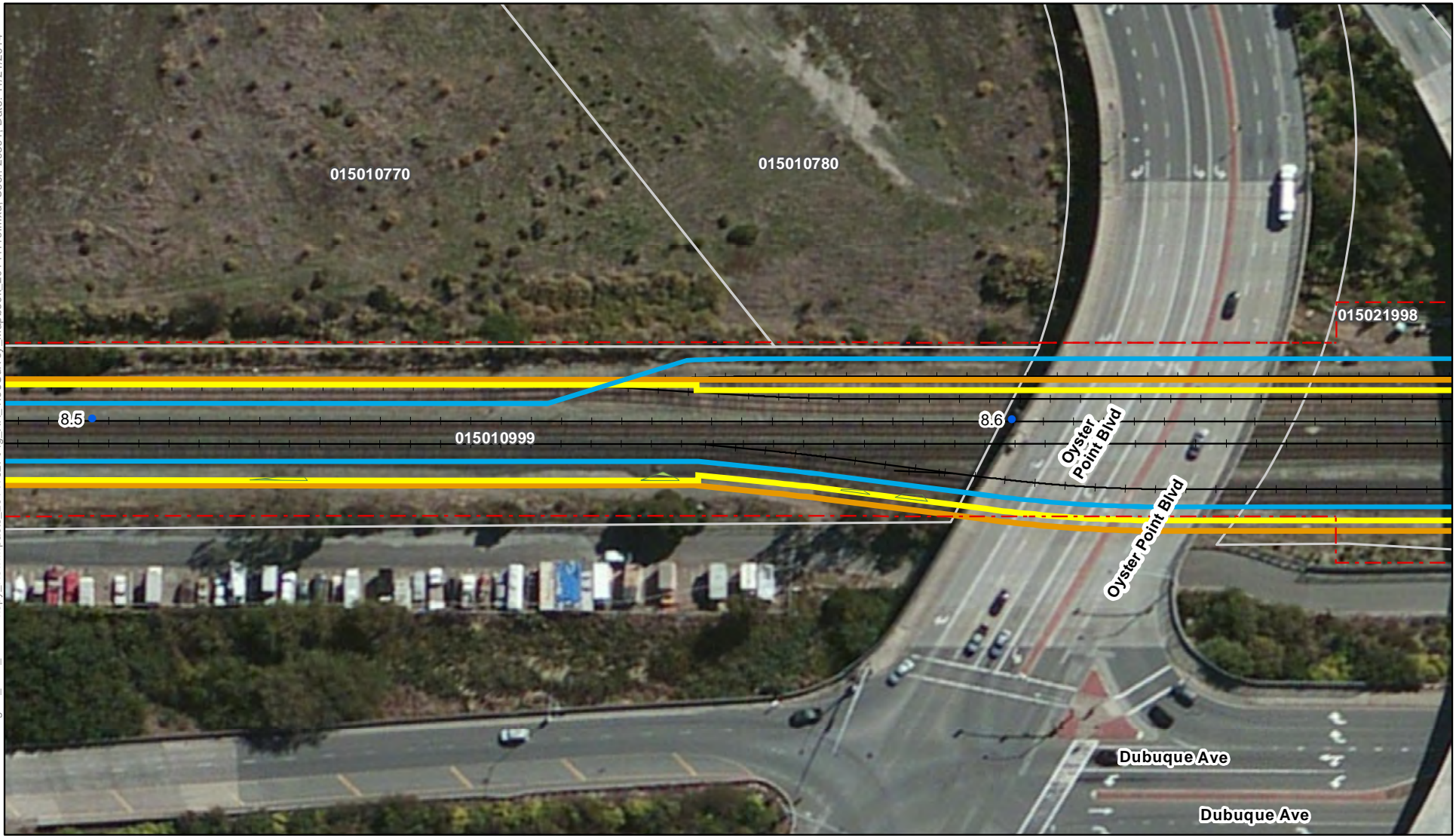
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 60 of 359
 Grid Index: B and C
 South San Francisco, San Mateo County



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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*

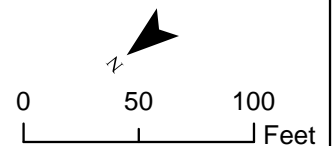
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

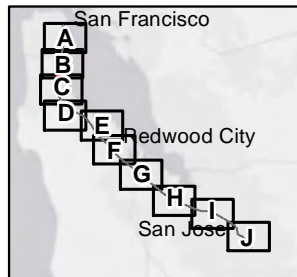
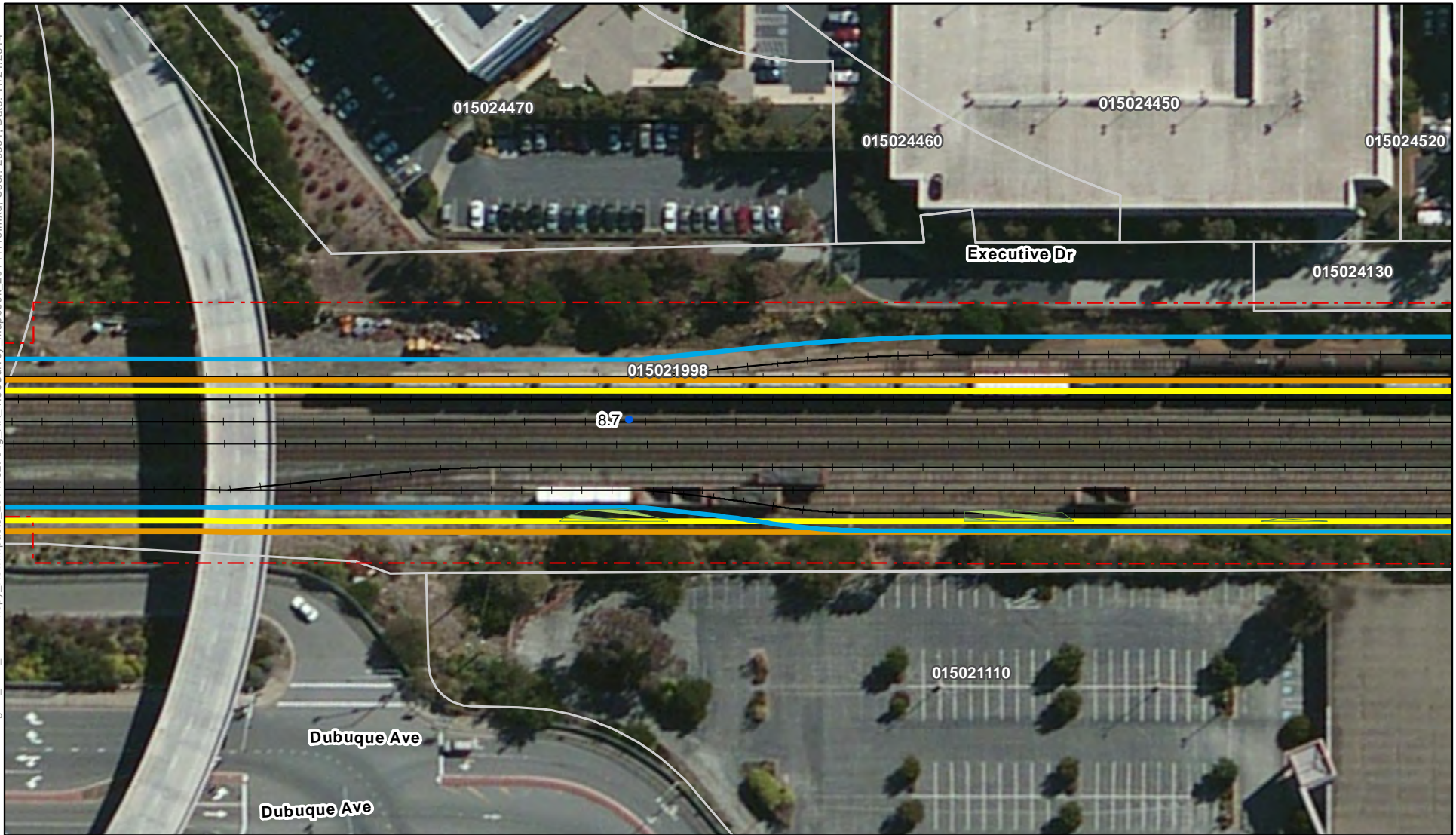
Page 61 of 359

Grid Index: B and C

South San Francisco, San Mateo County



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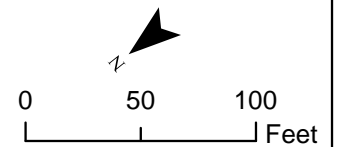


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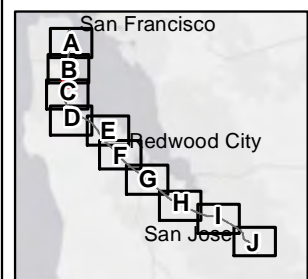
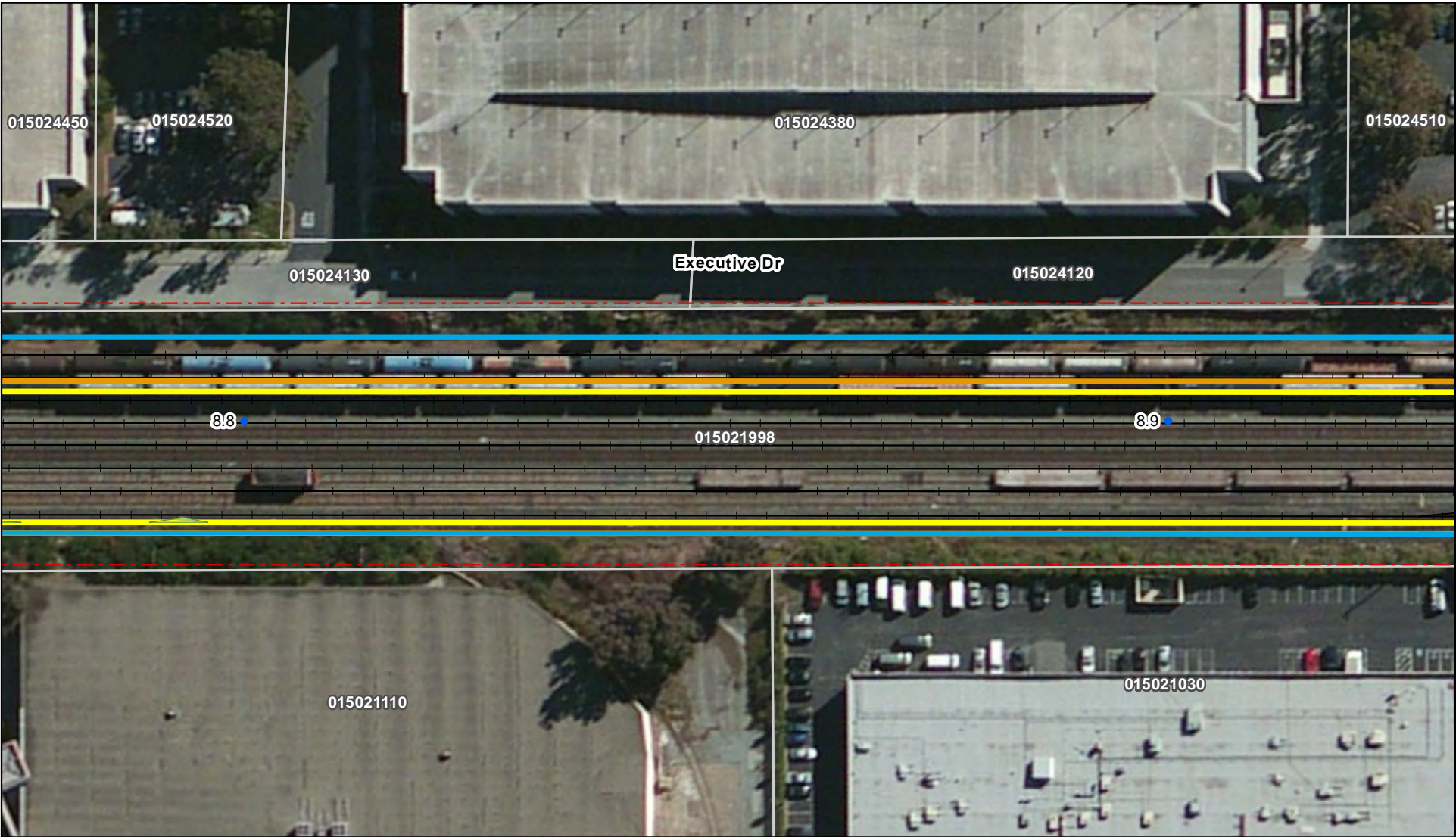
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 62 of 359
 Grid Index: B and C
 South San Francisco, San Mateo County



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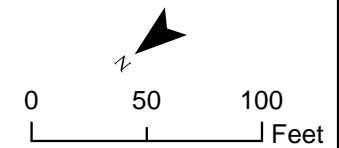


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- ESZ - 24' offset
- Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 63 of 359
 Grid Index: B and C
 South San Francisco, San Mateo County



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