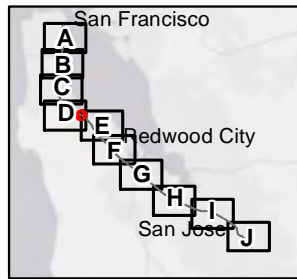
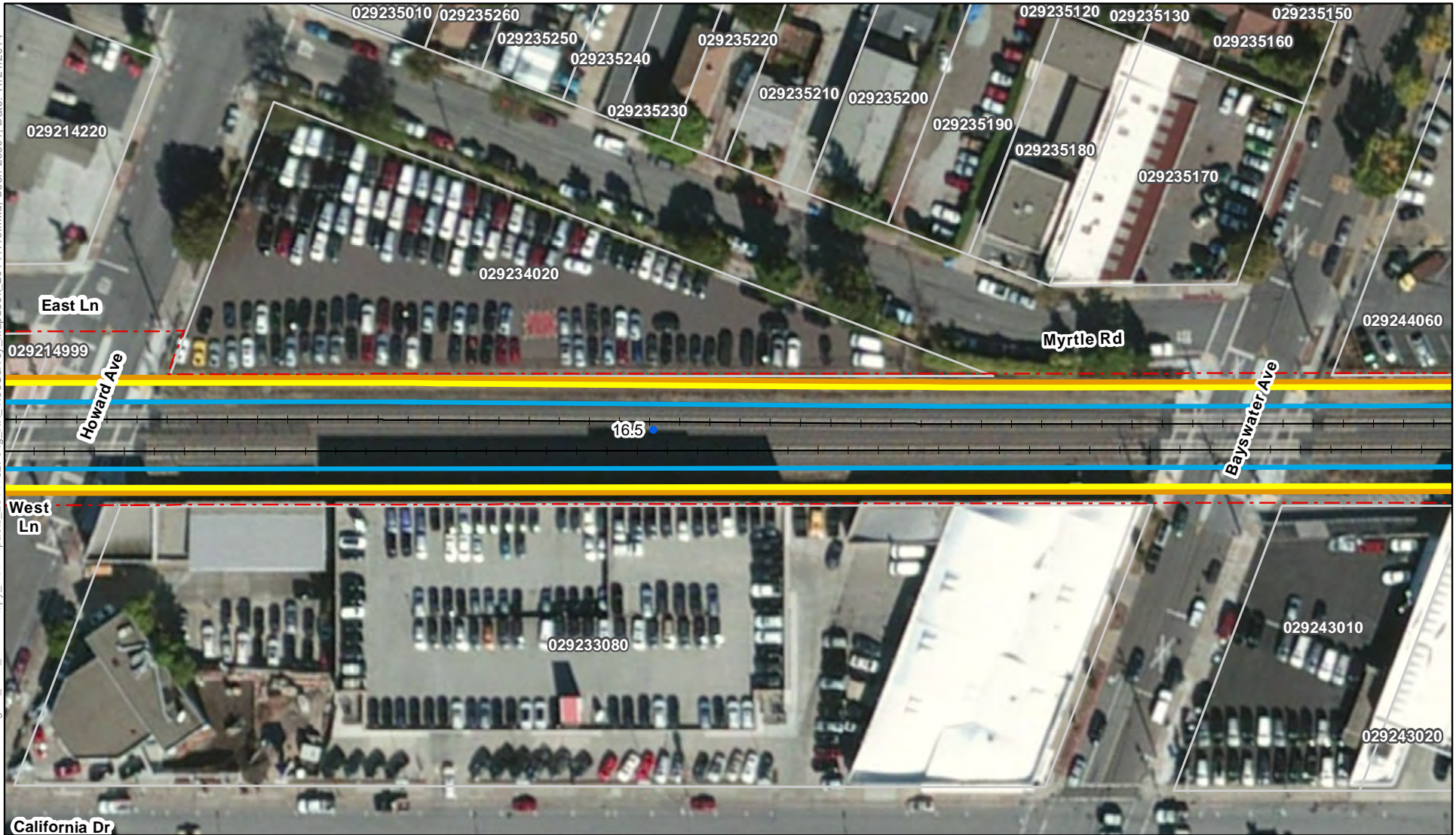


Appendix J
**Preliminary Overhead Contact System/Electrical Safety
Zone/Tree Impact Maps (Grid E)**

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

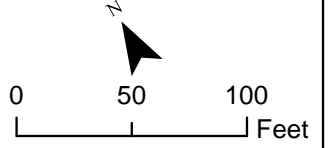


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

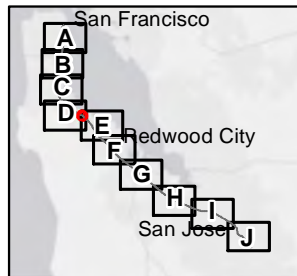
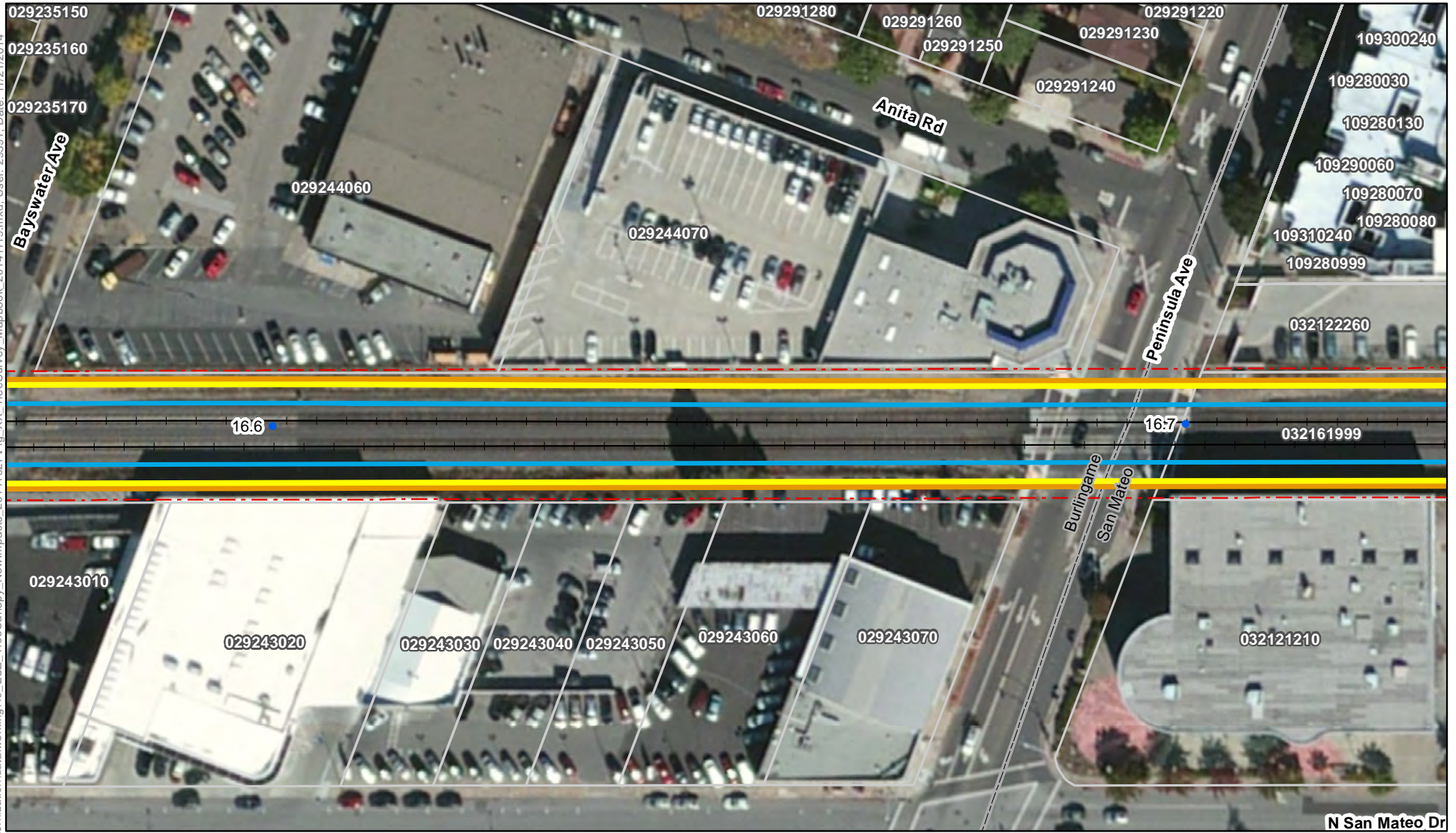
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 117 of 359
 Grid Index: D and E
 Burlingame, 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



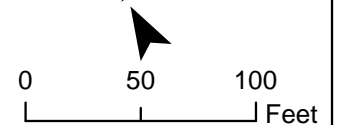
Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

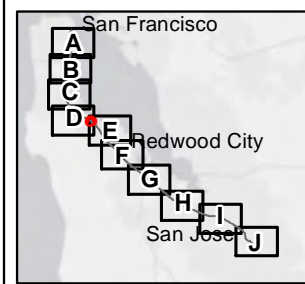
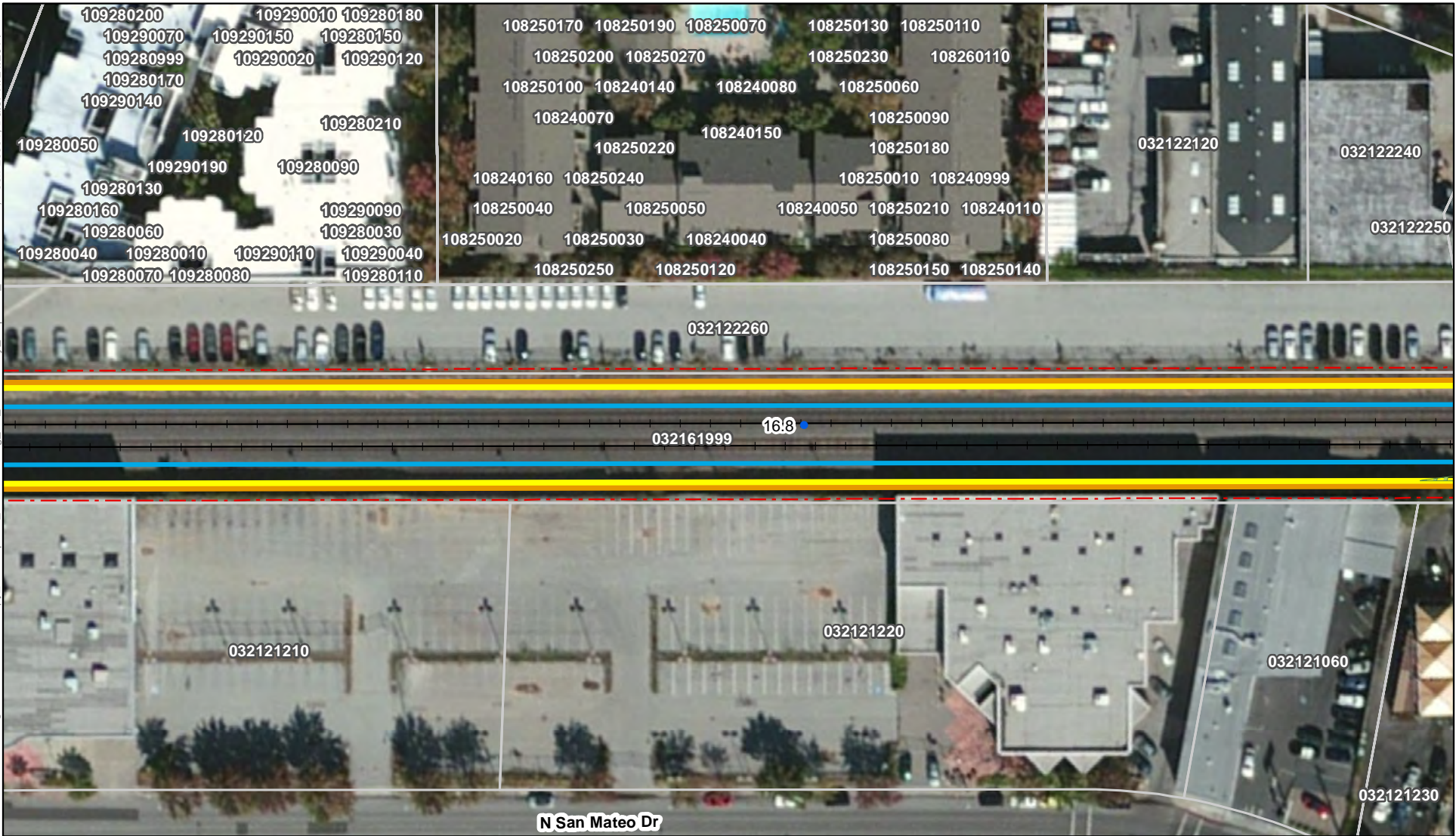
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 118 of 359
 Grid Index: D and E
 Burlingame, San Mateo County
 San Mateo, 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.

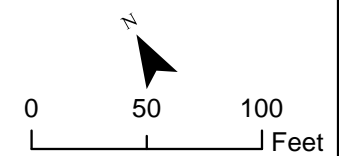


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

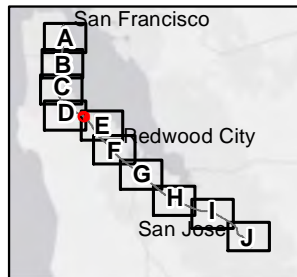
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 119 of 359
 Grid Index: D and E
 San Mateo, 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

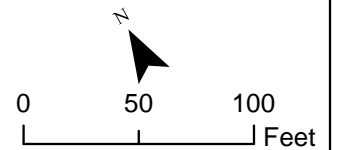


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

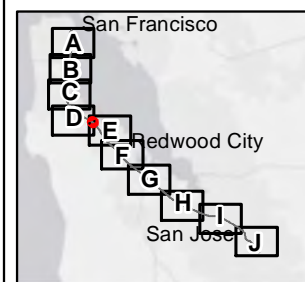
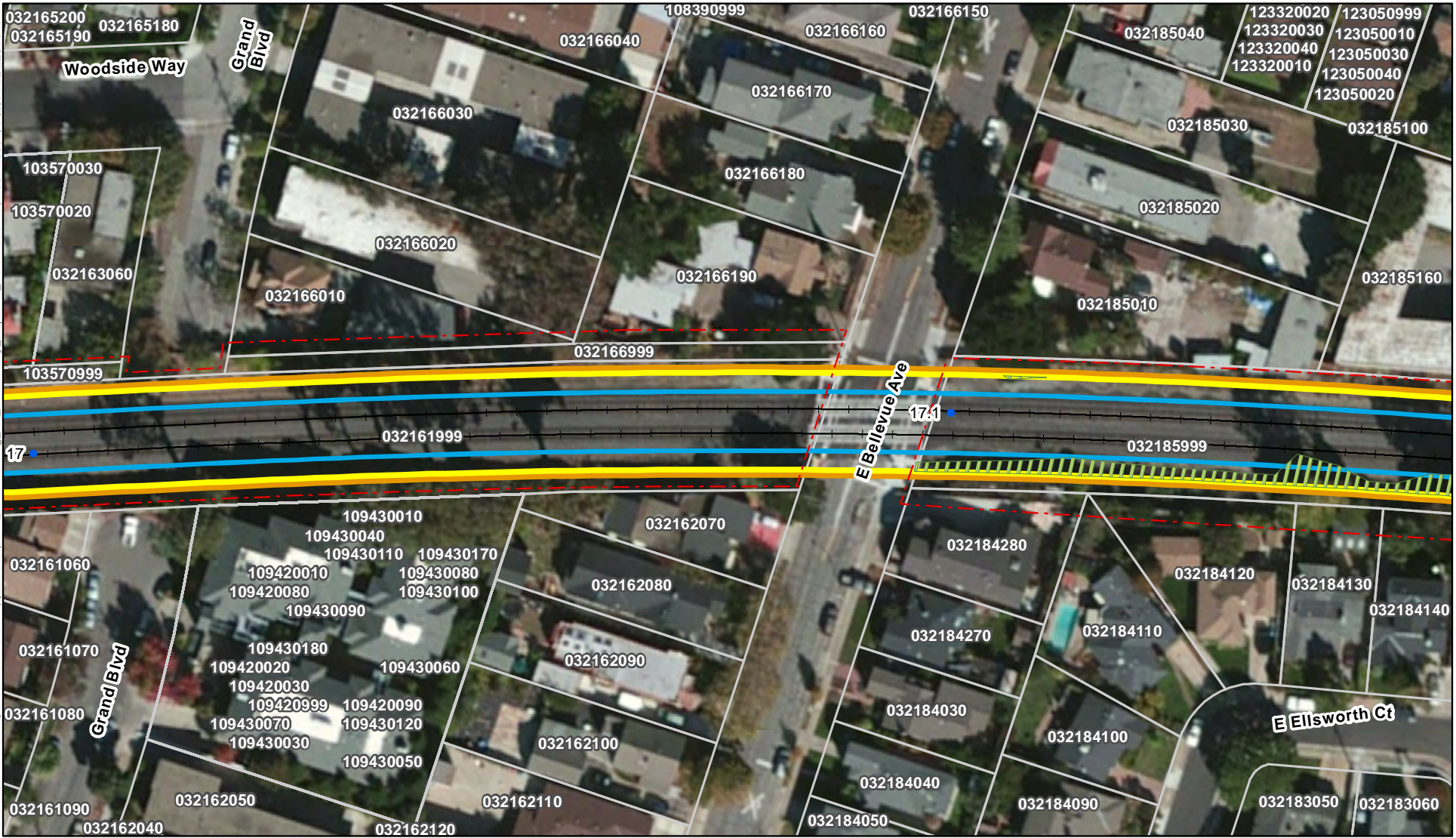
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 120 of 359
 Grid Index: D and E
 San Mateo, 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

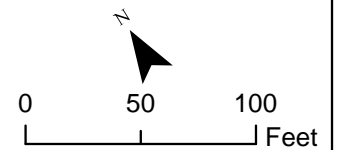


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

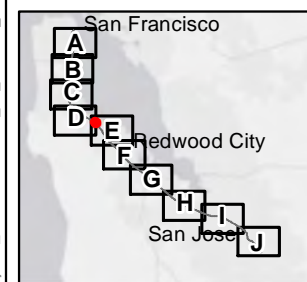
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 121 of 359
 Grid Index: D and E
 San Mateo, 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

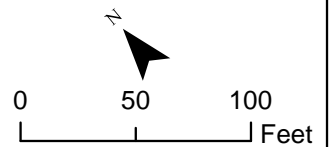


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

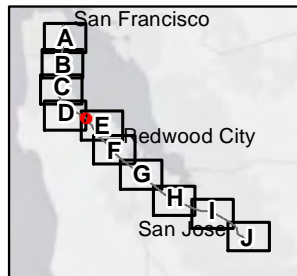
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 122 of 359
 Grid Index: D and E
 San Mateo, 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



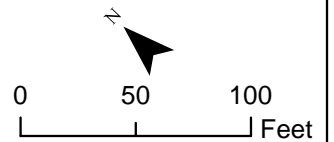
Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

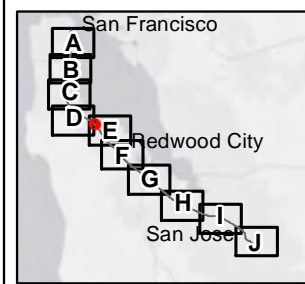
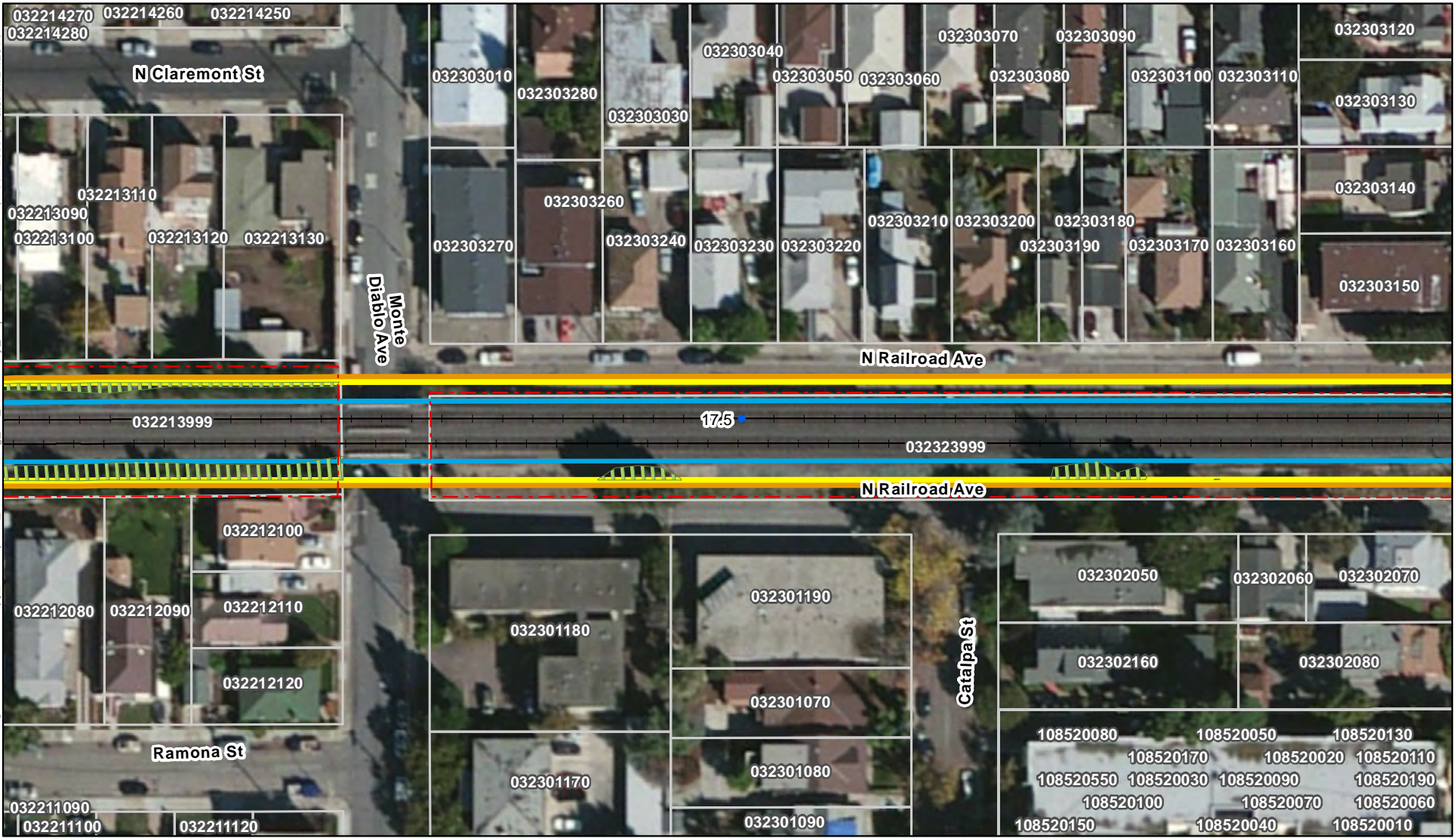
Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 123 of 359
 Grid Index: D and E
 San Mateo, 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_201411027\Fig_XX_TreeSurvey_Mapbook_20141119.mxd; User: 29391; Date: 11/21/2014

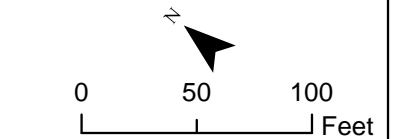


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

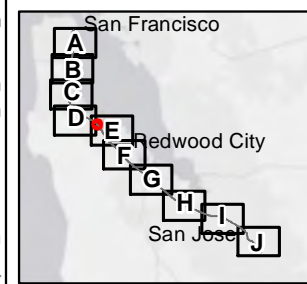
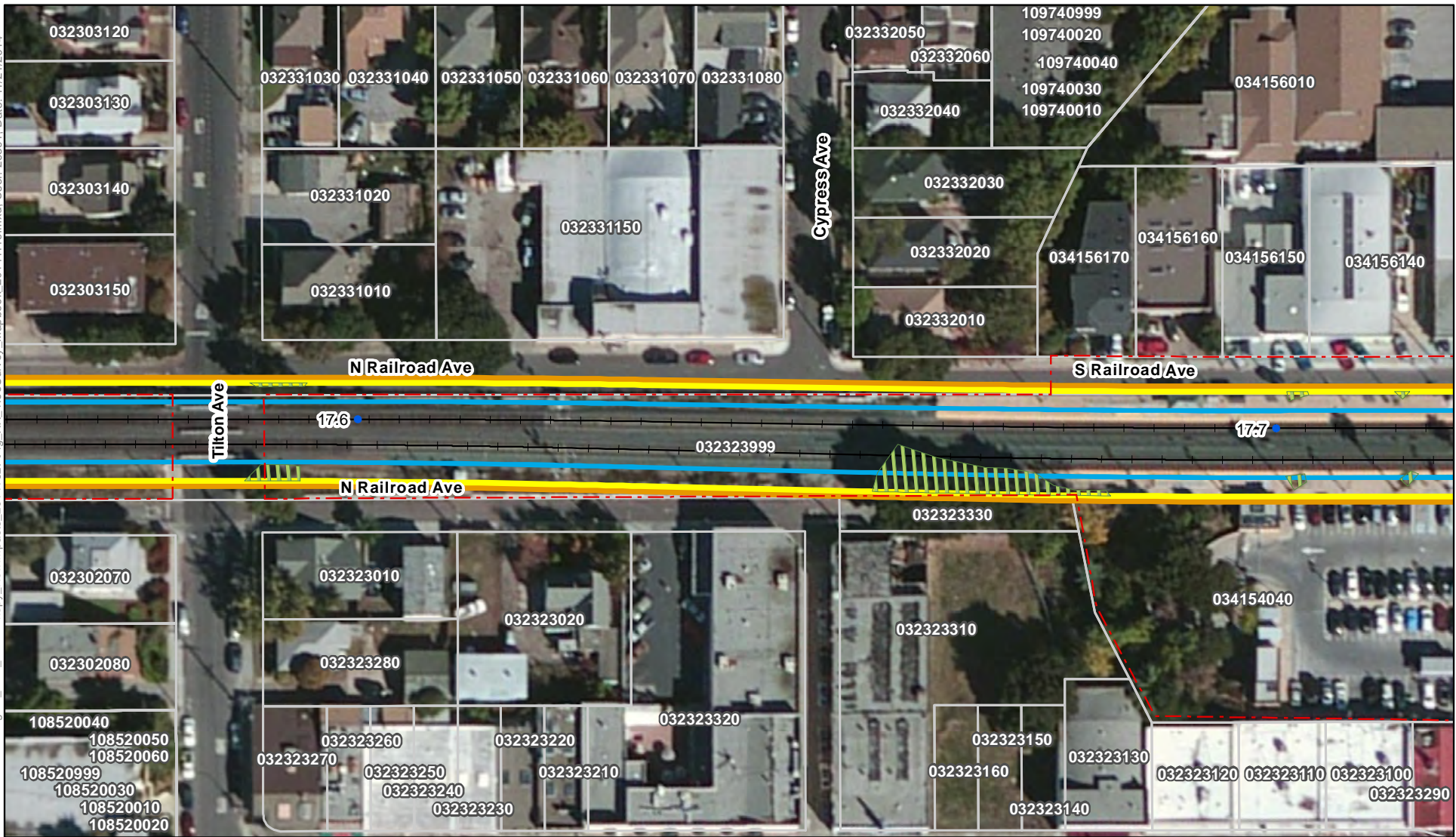
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 124 of 359
 Grid Index: E
 San Mateo, 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.
 ** 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*

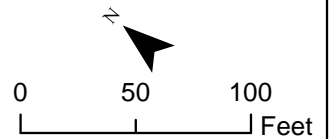
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

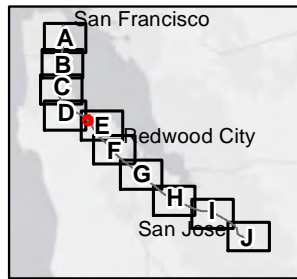
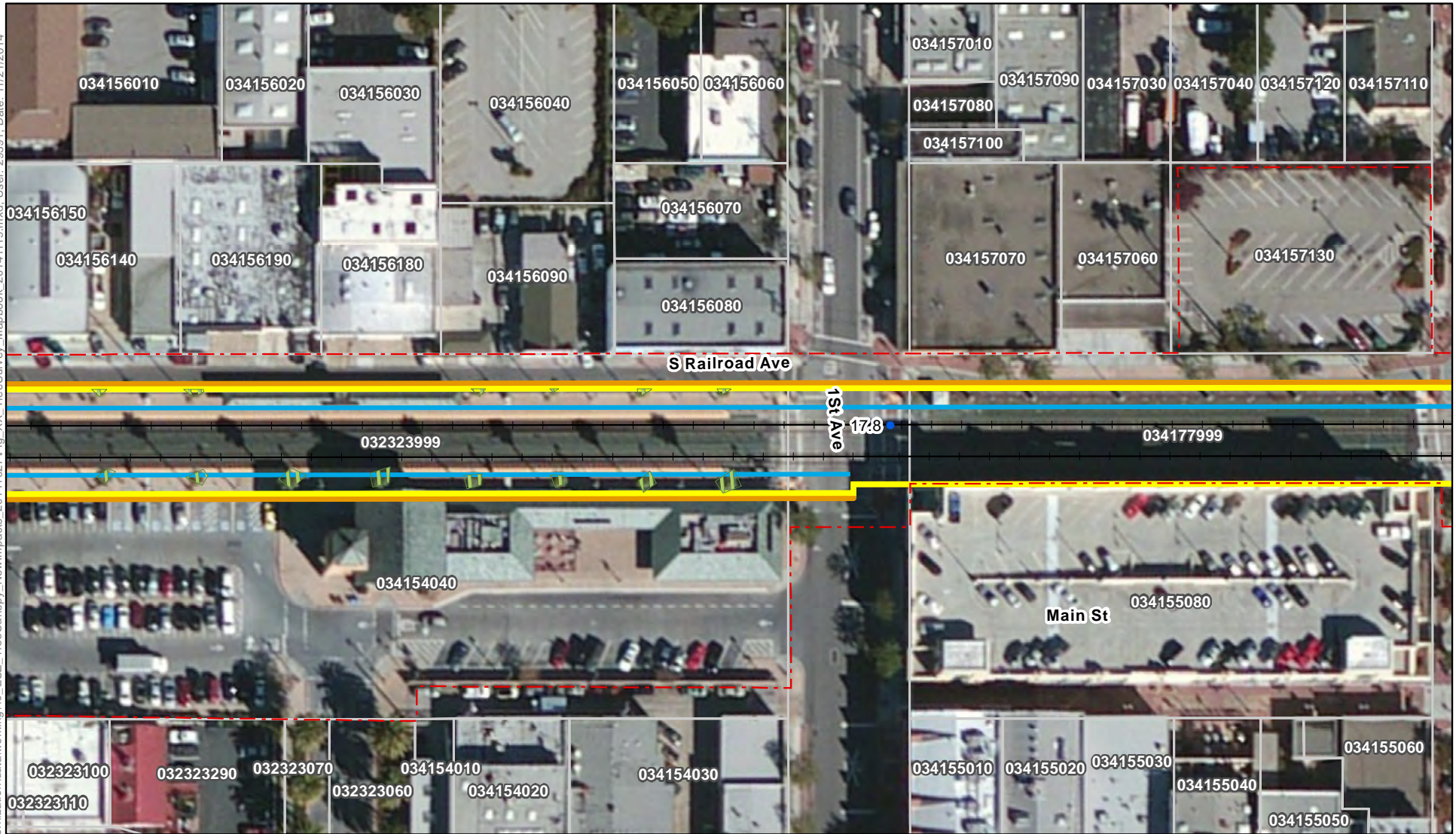
Page 125 of 359

Grid Index: E

San Mateo, 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.

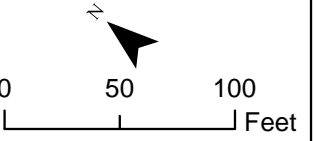


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

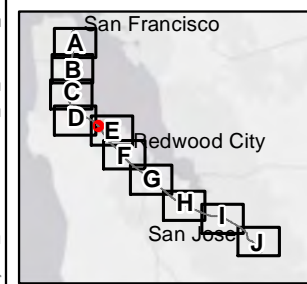
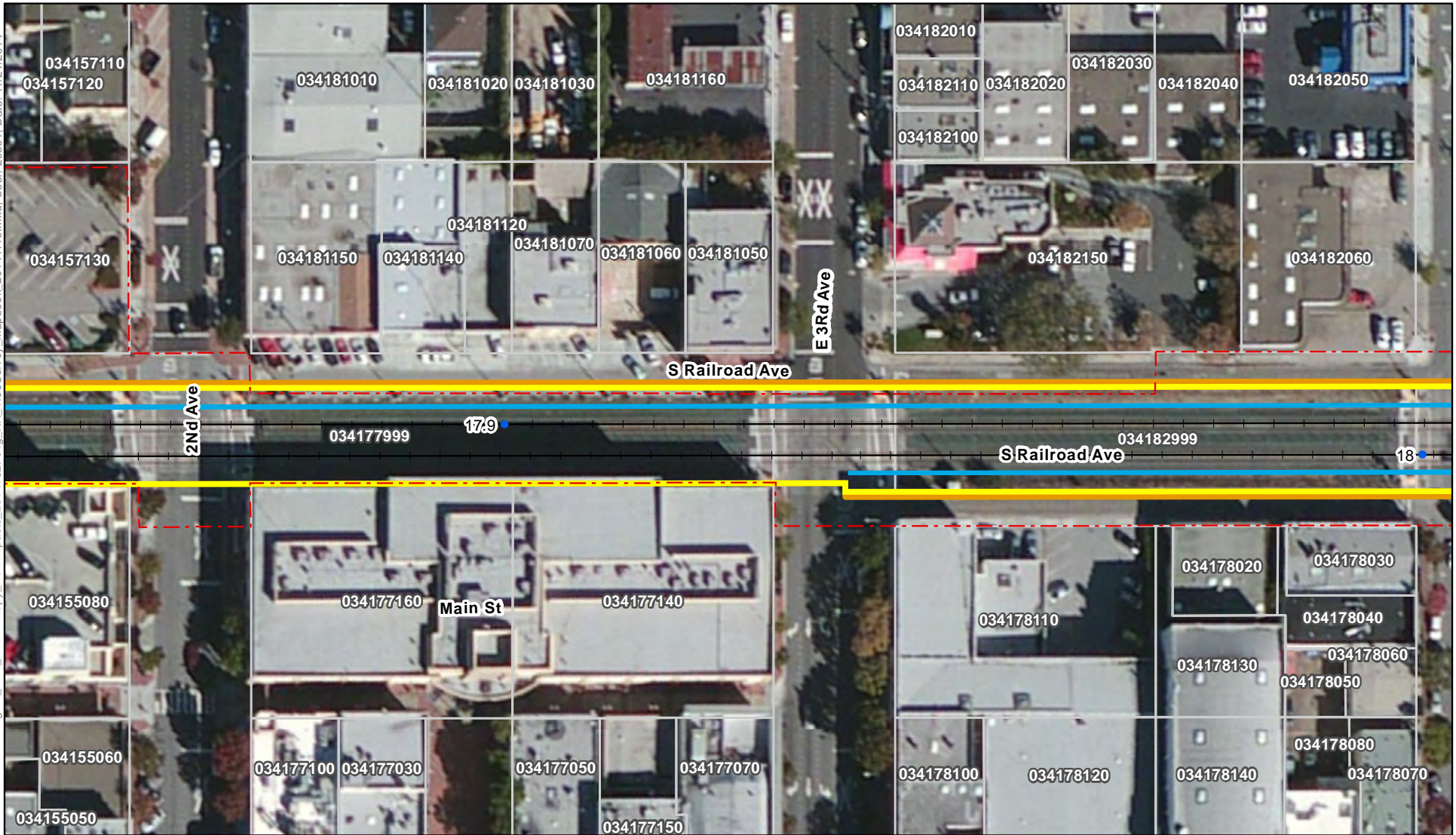
- Track Mile Post
- JPB Right of Way
- Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 126 of 359
 Grid Index: E
 San Mateo, 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.

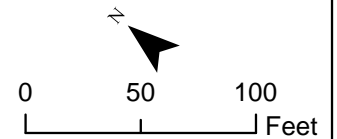


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

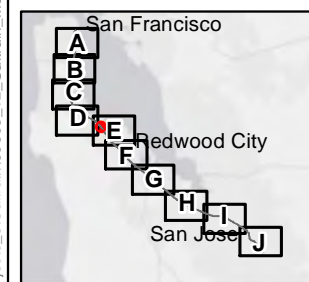
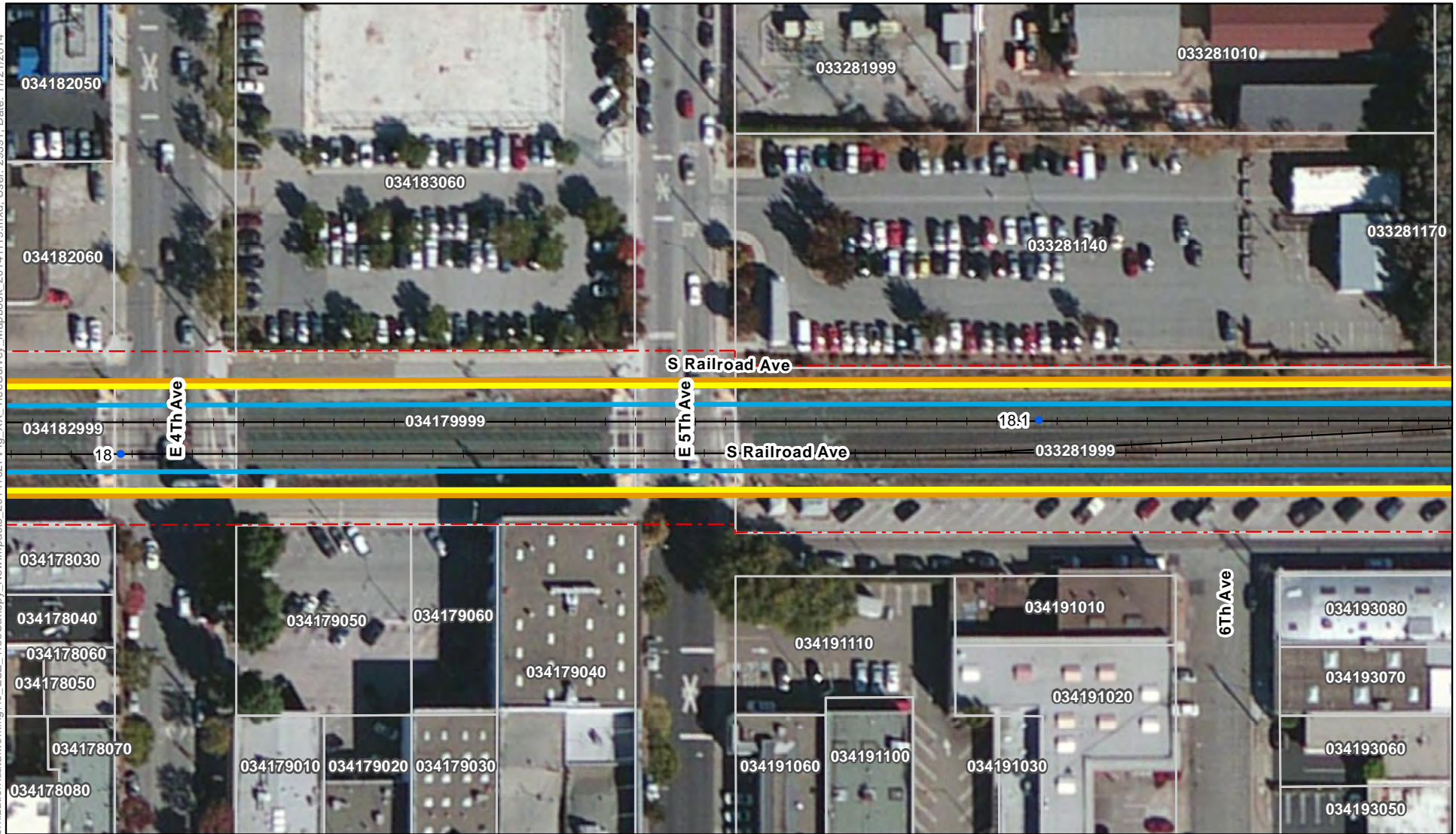
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 127 of 359
 Grid Index: E
 San Mateo, 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.



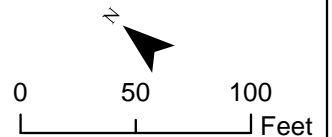
Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

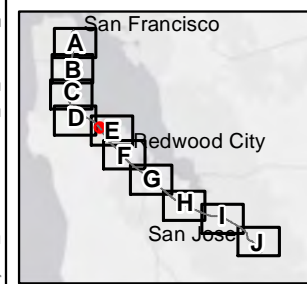
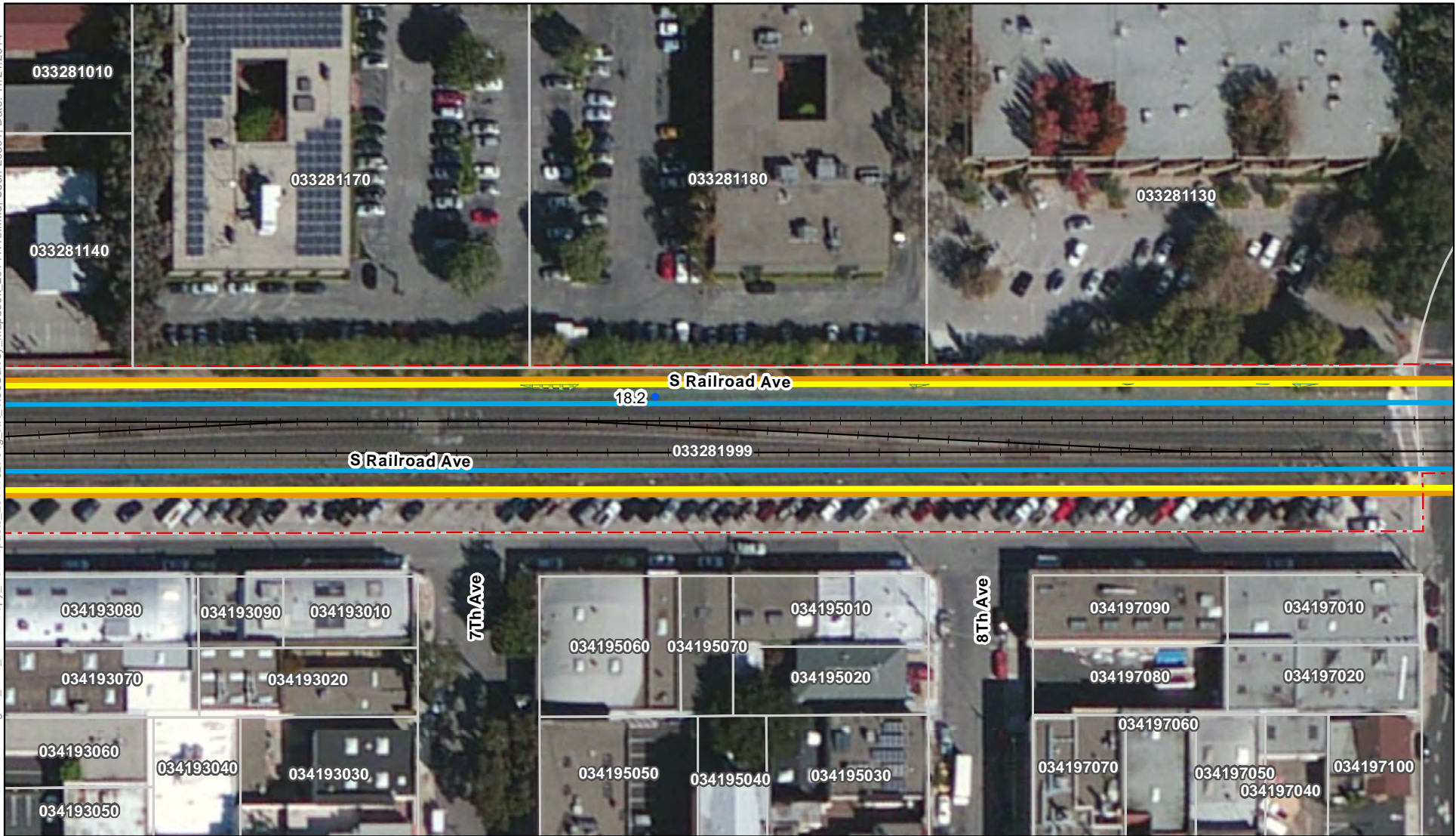
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 128 of 359
 Grid Index: E
 San Mateo, 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.

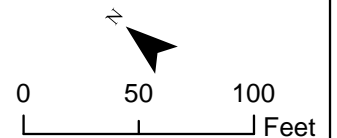


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

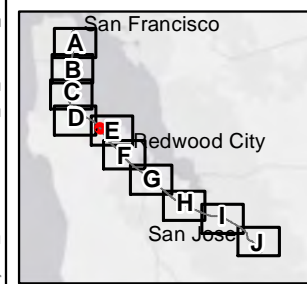
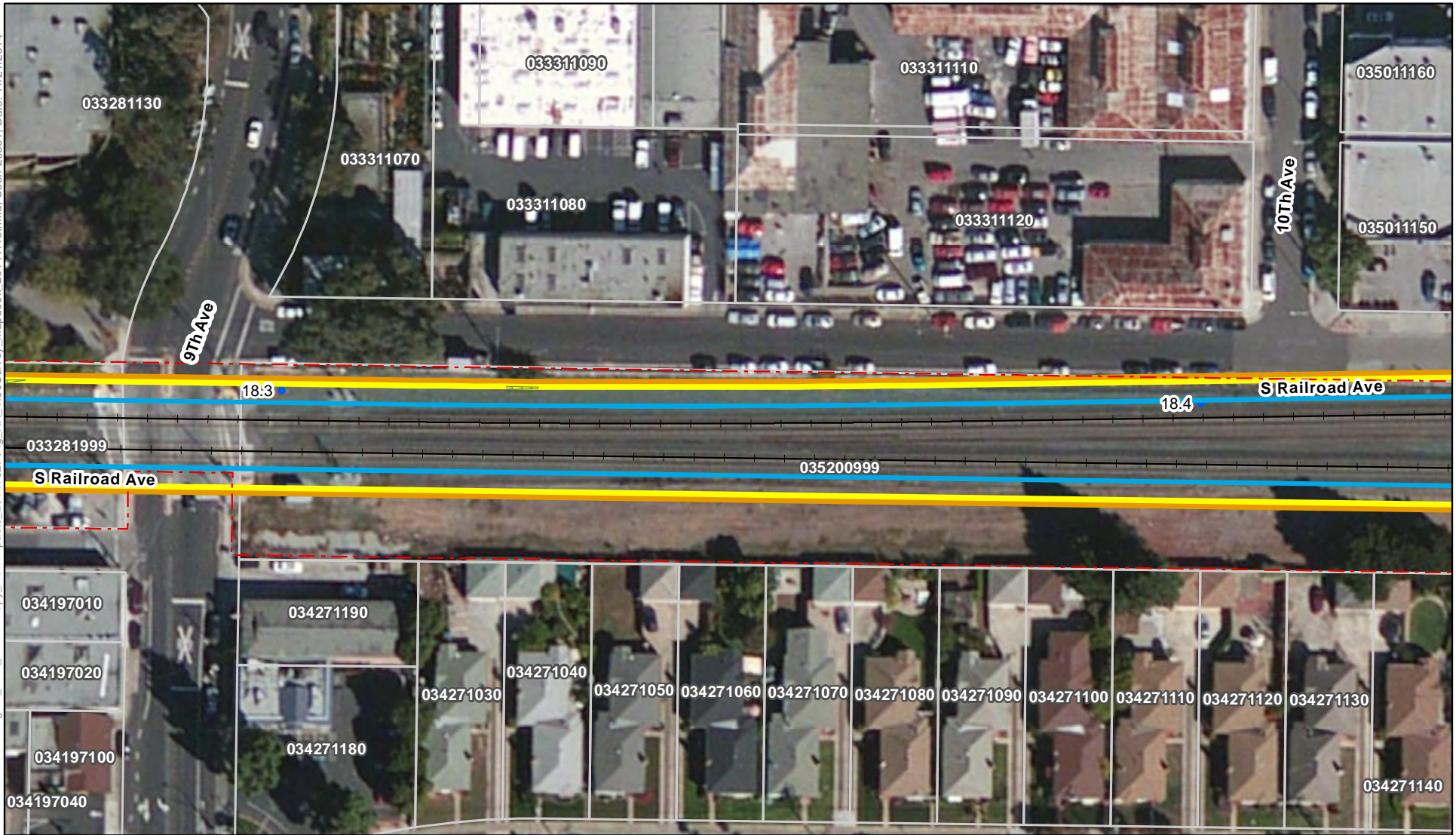
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ*

- 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:
 * 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*

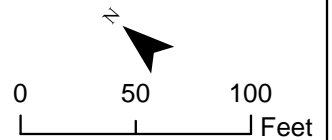
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

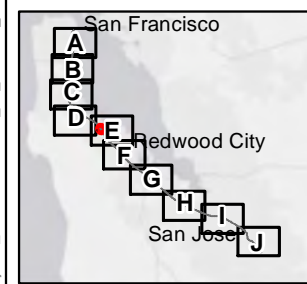
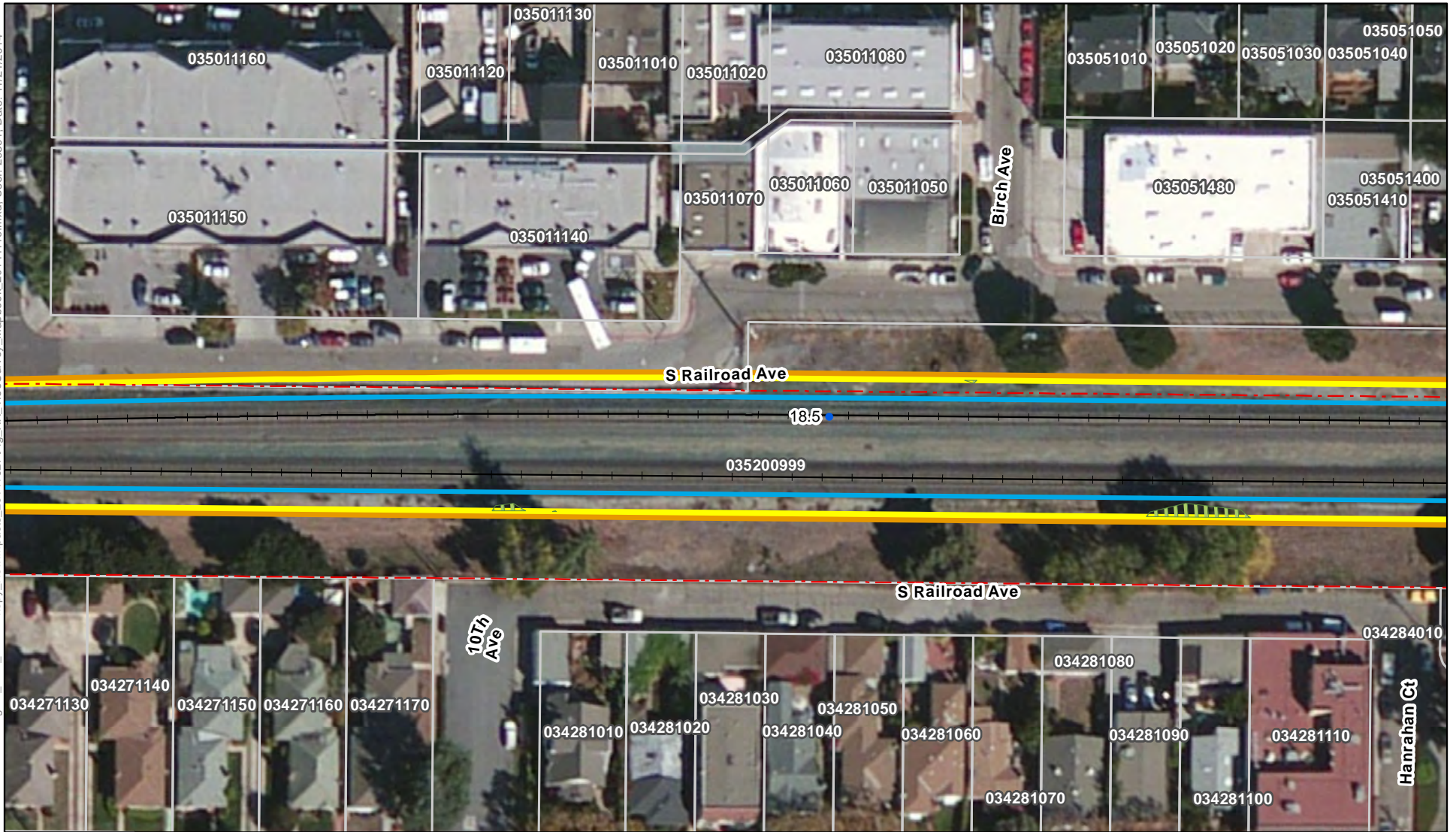
Page 130 of 359

Grid Index: E

San Mateo, 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*

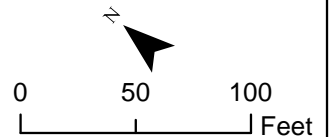
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 131 of 359

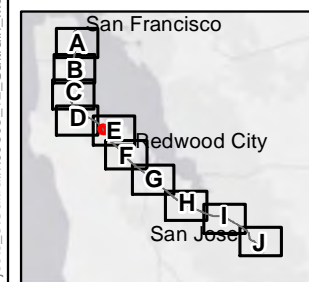
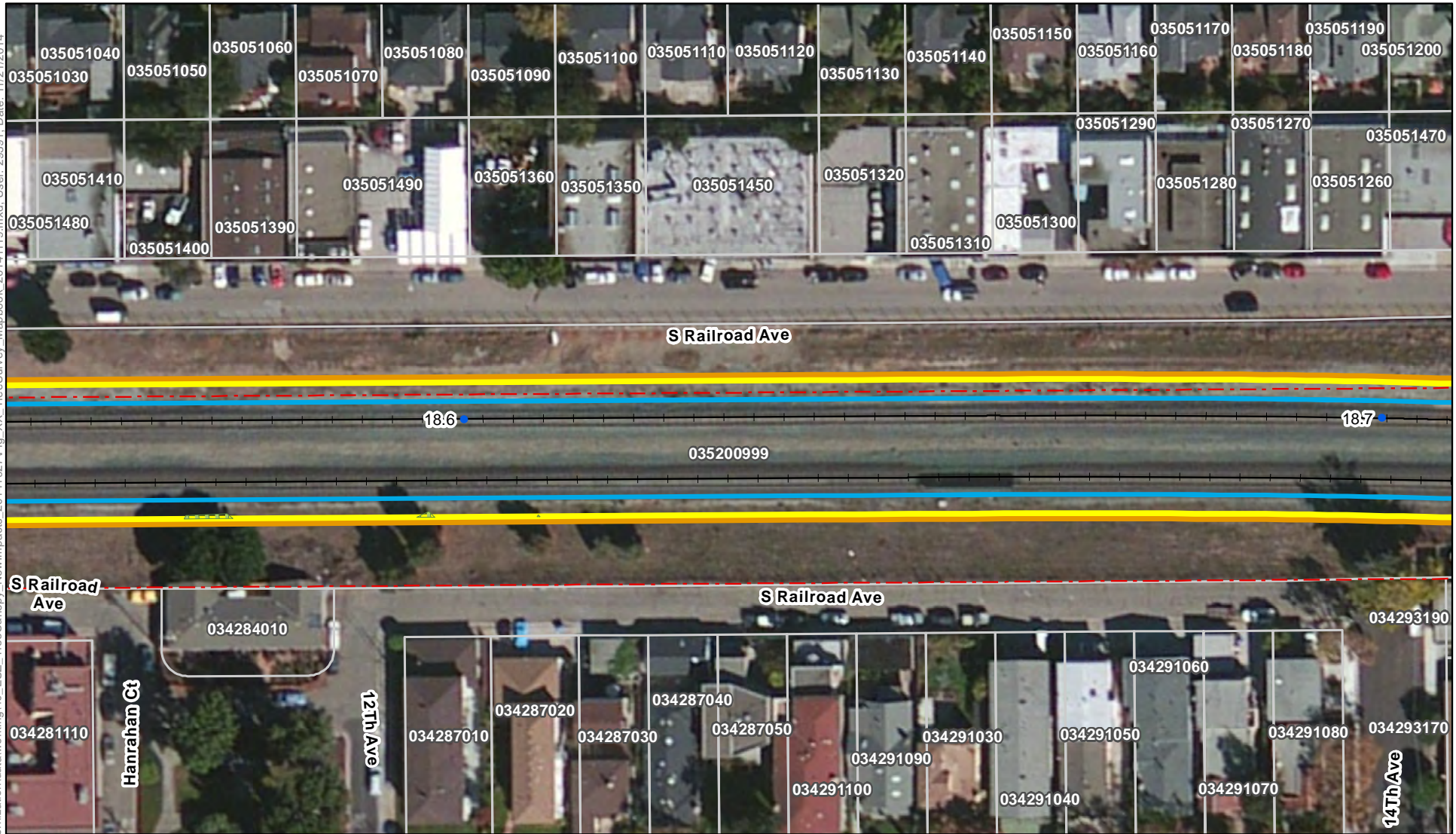
Grid Index: E

San Mateo, 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.
 ** 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*

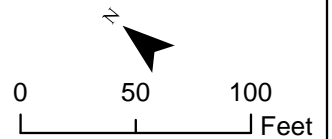
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

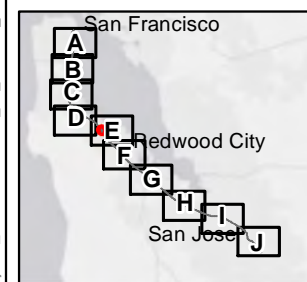
Page 132 of 359

Grid Index: E

San Mateo, 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.



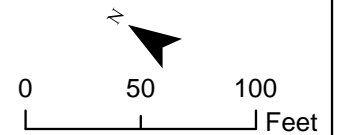
Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

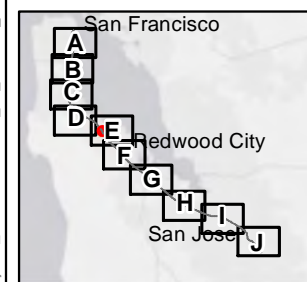
Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 133 of 359
 Grid Index: E
 San Mateo, 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

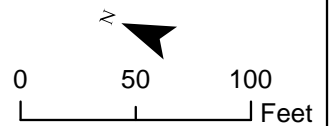


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

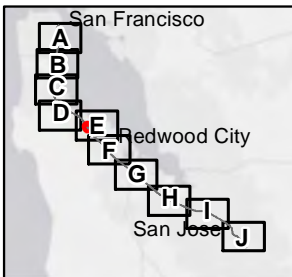
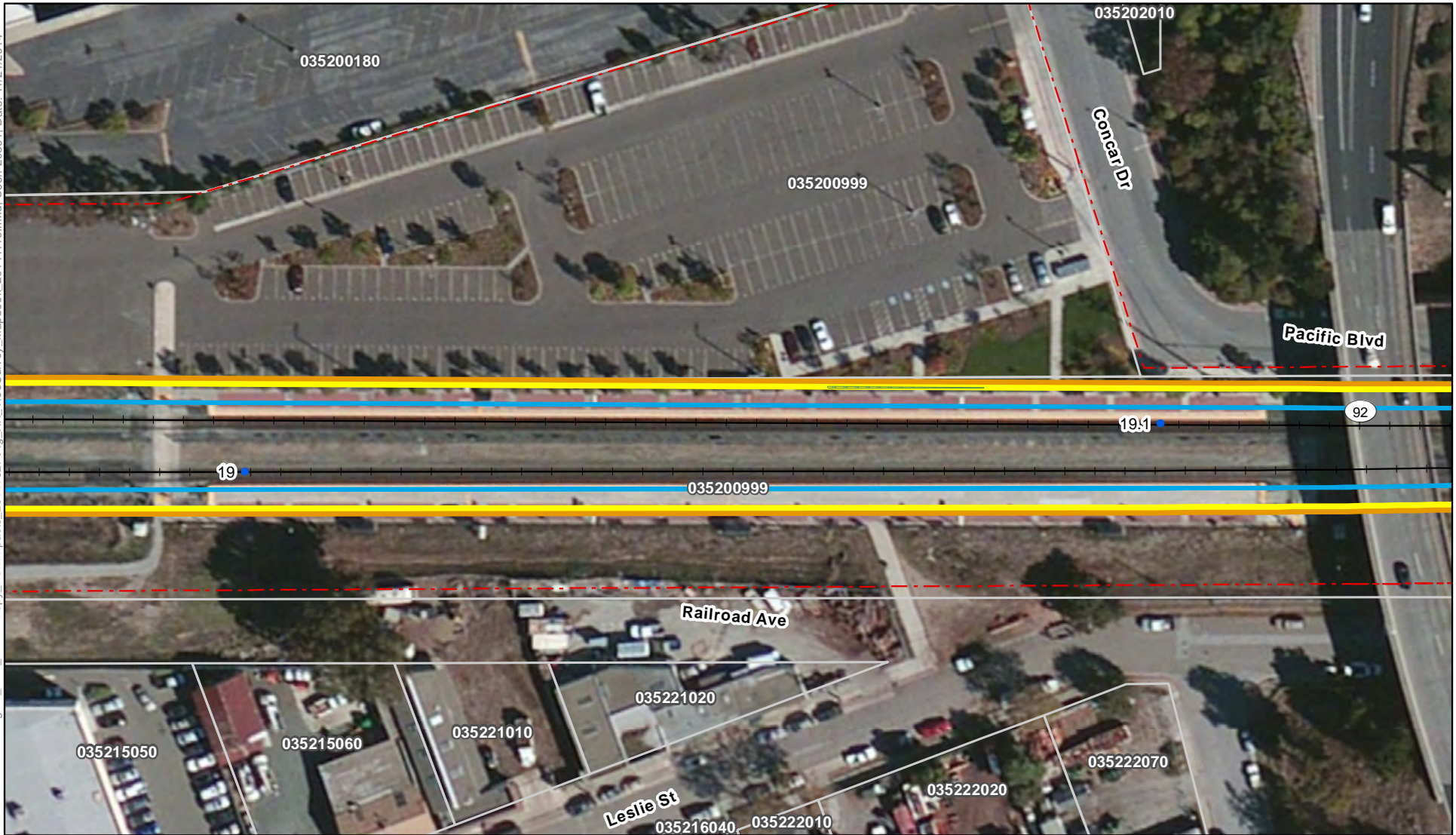
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

- 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.

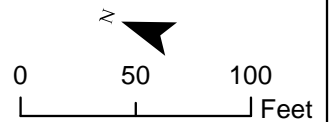


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

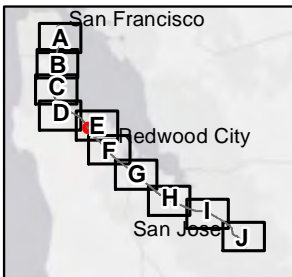
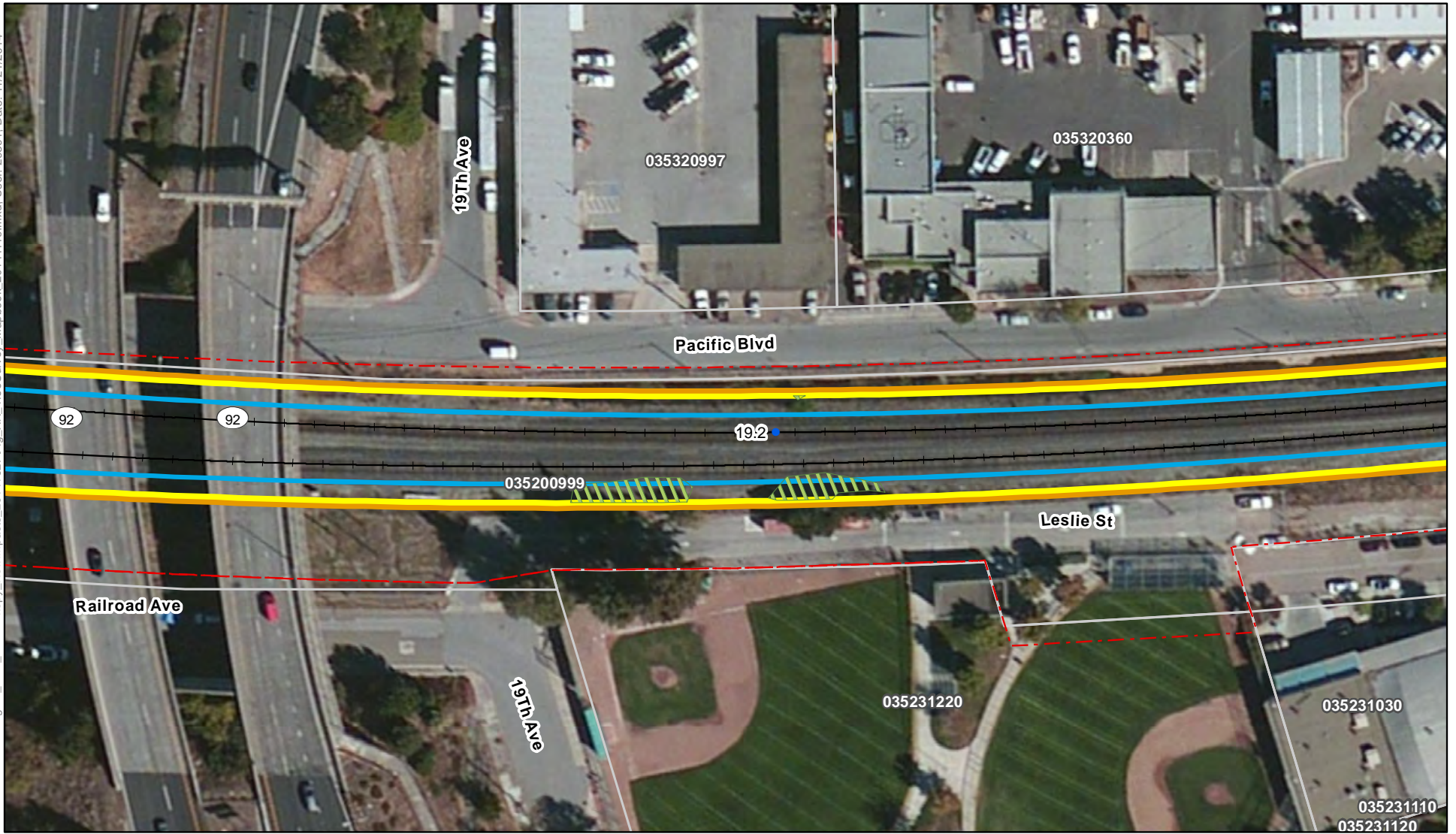
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

- 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.

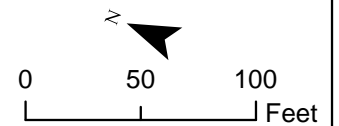


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

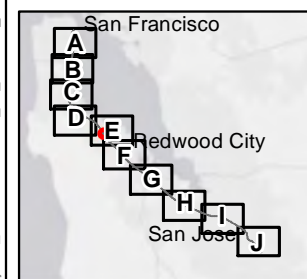
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 136 of 359
 Grid Index: E
 San Mateo, 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.
 ** 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*

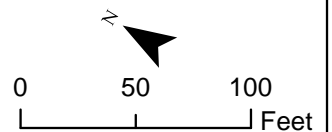
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

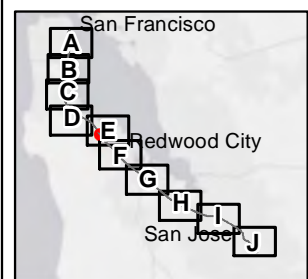
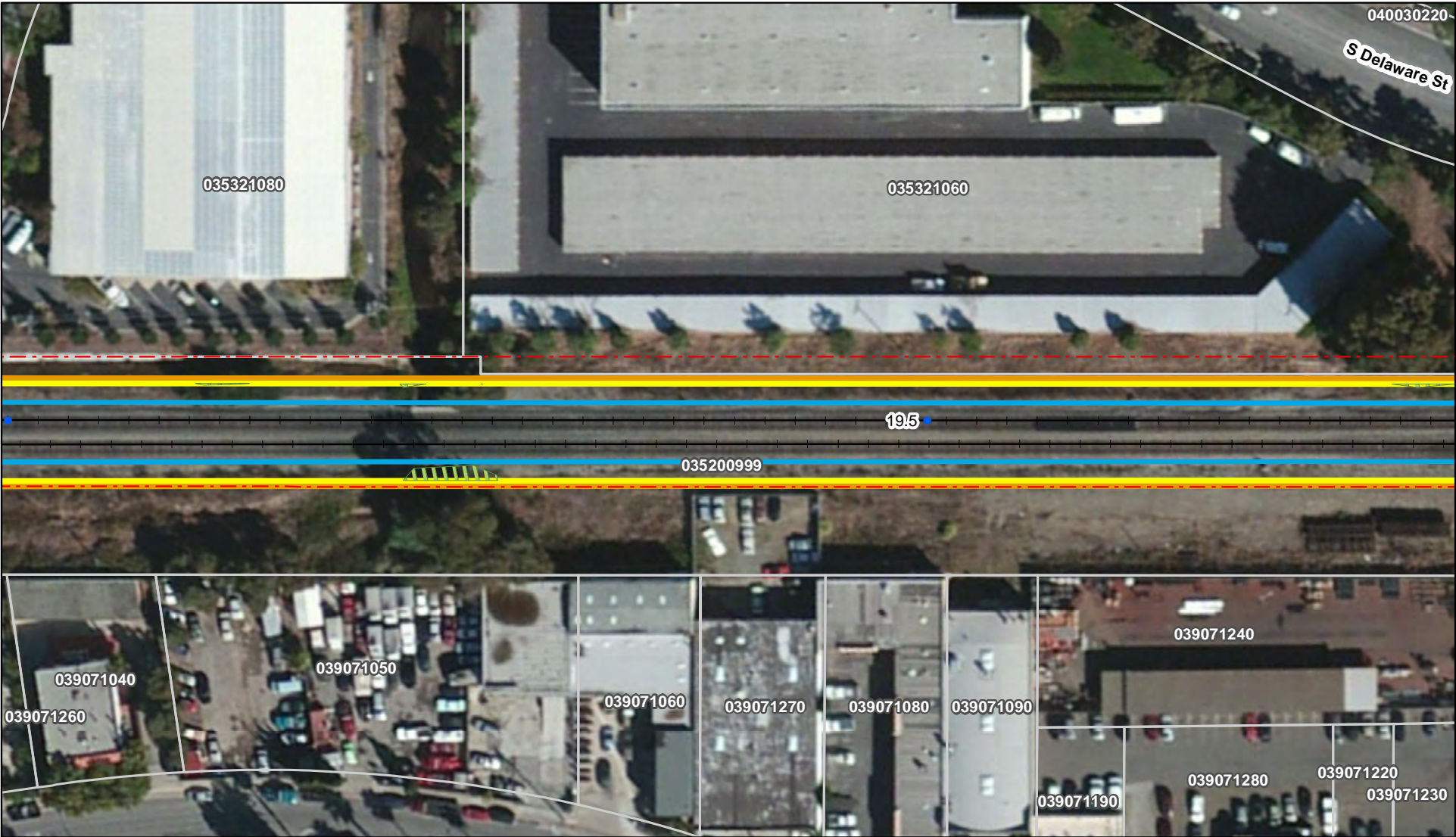
Page 137 of 359

Grid Index: E

San Mateo, San Mateo County



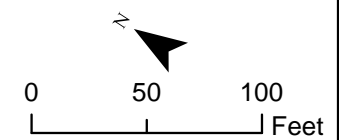
Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design 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.

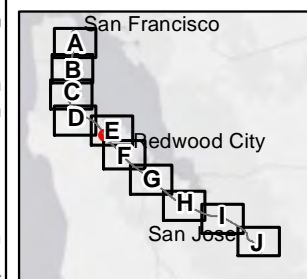
- Track Mile Post
 - - - JPB Right of Way
 - + Tracks
 - Parcel
 - OCS (outer pole alignment)
 - ESZ - 21'/18' offset
 - ESZ - 24' offset
 - ▨ Tree Canopy within ESZ*
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 138 of 359
 Grid Index: E
 San Mateo, 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.
 ** 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*

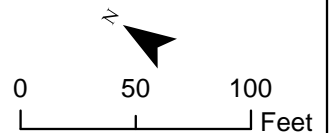
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 139 of 359

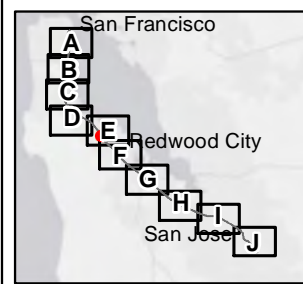
Grid Index: E

San Mateo, 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_3\Caltrain_00606_12_Caltrain_Modernization\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*

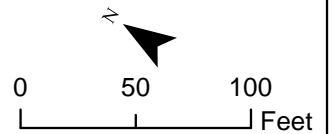
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 140 of 359

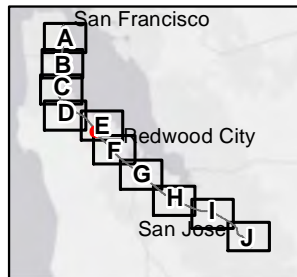
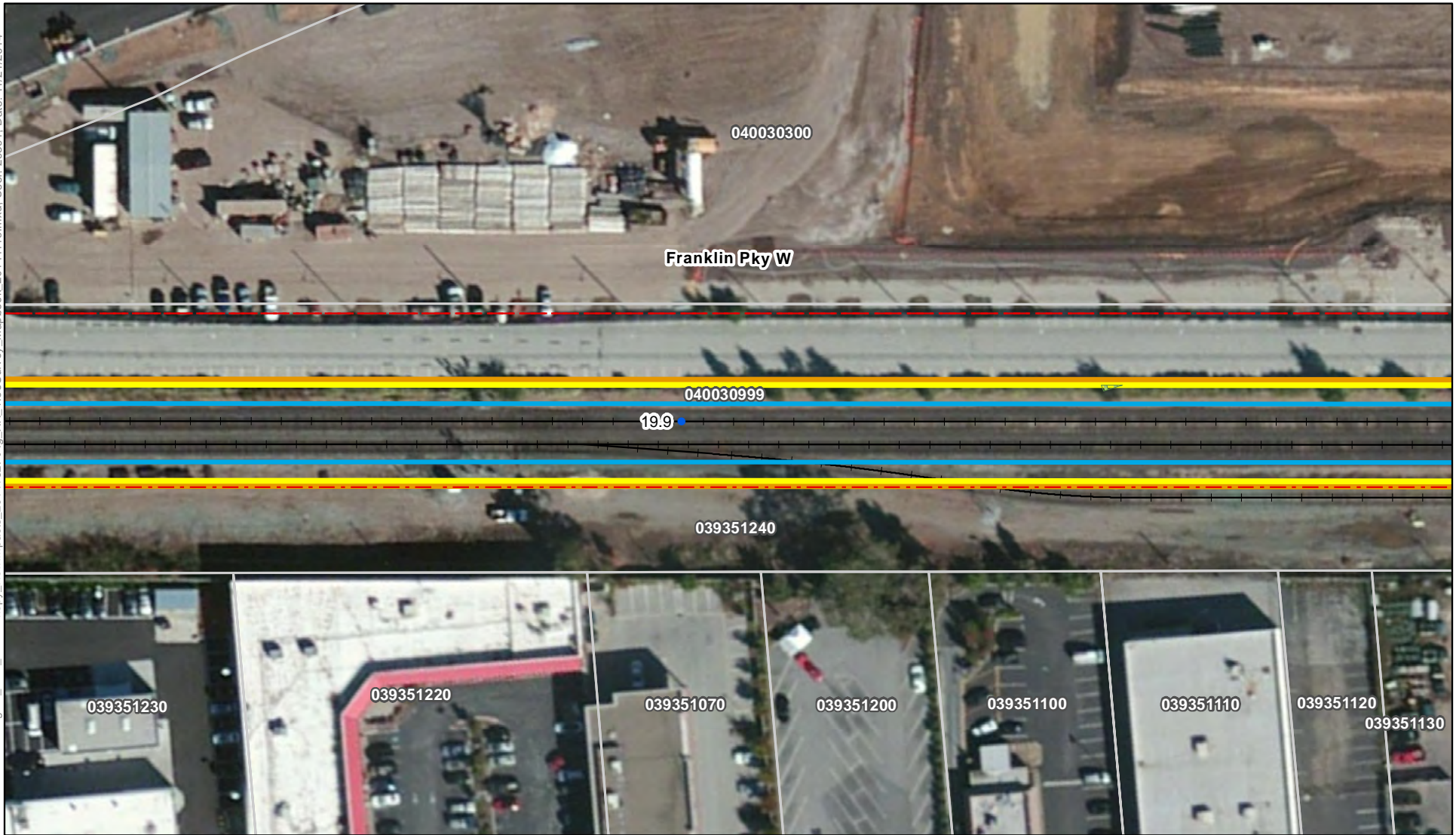
Grid Index: E

San Mateo, 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_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*

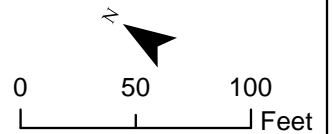
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

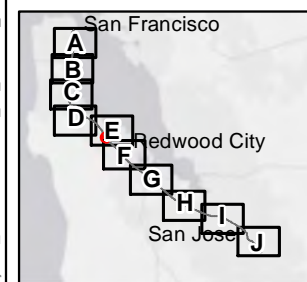
Page 141 of 359

Grid Index: E

San Mateo, 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.

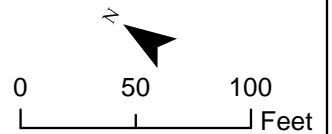


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

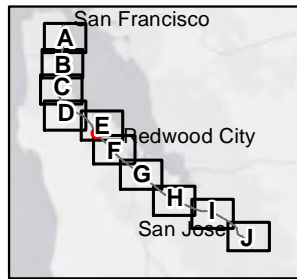
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

- 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.

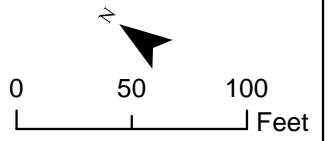


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

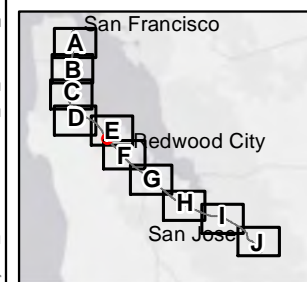
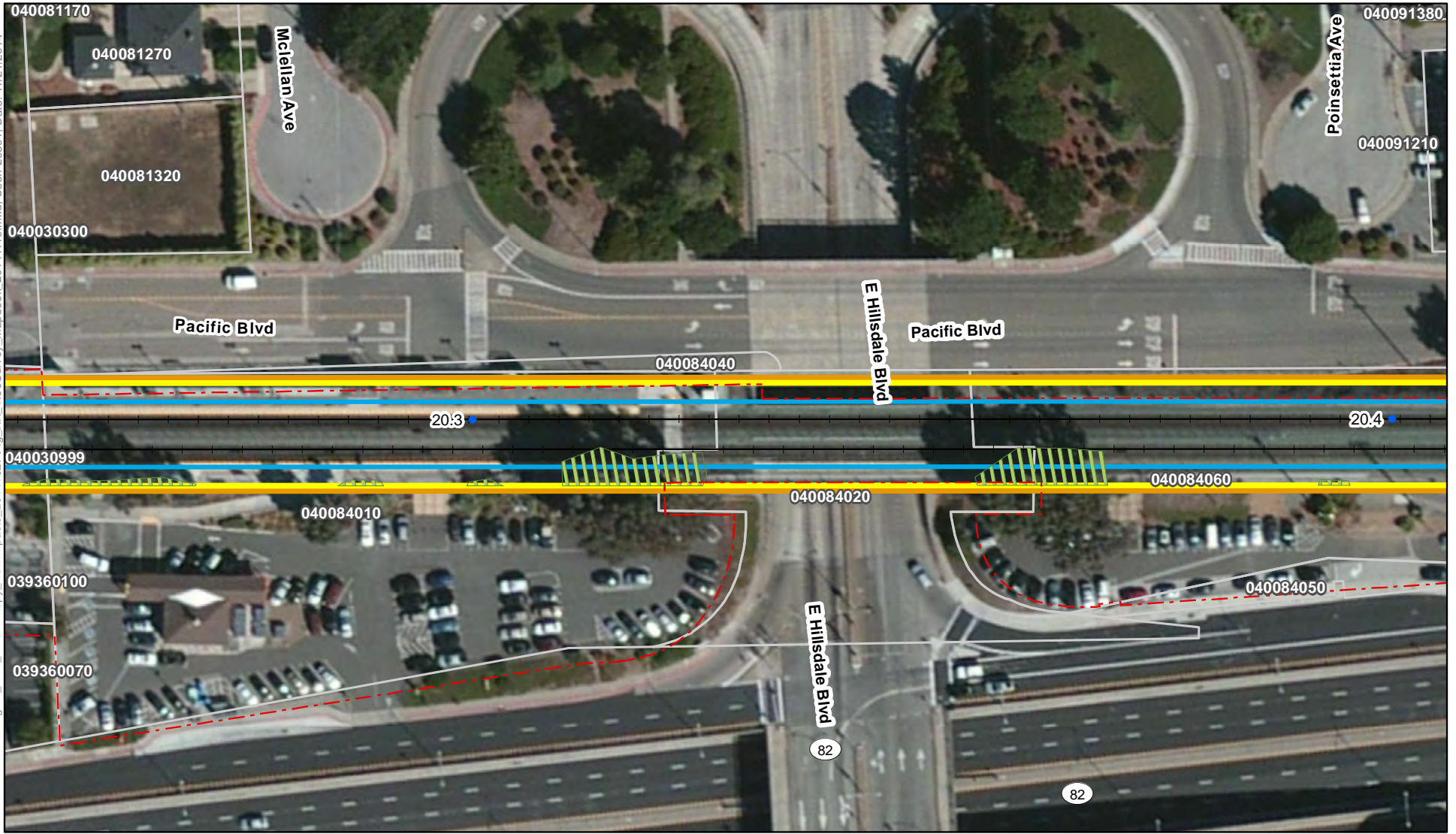
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 143 of 359
 Grid Index: E
 San Mateo, 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_Modernization\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*

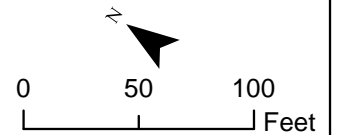
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

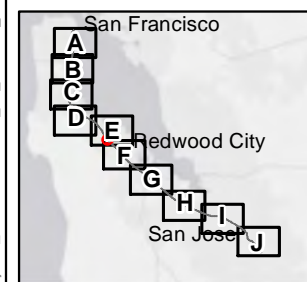
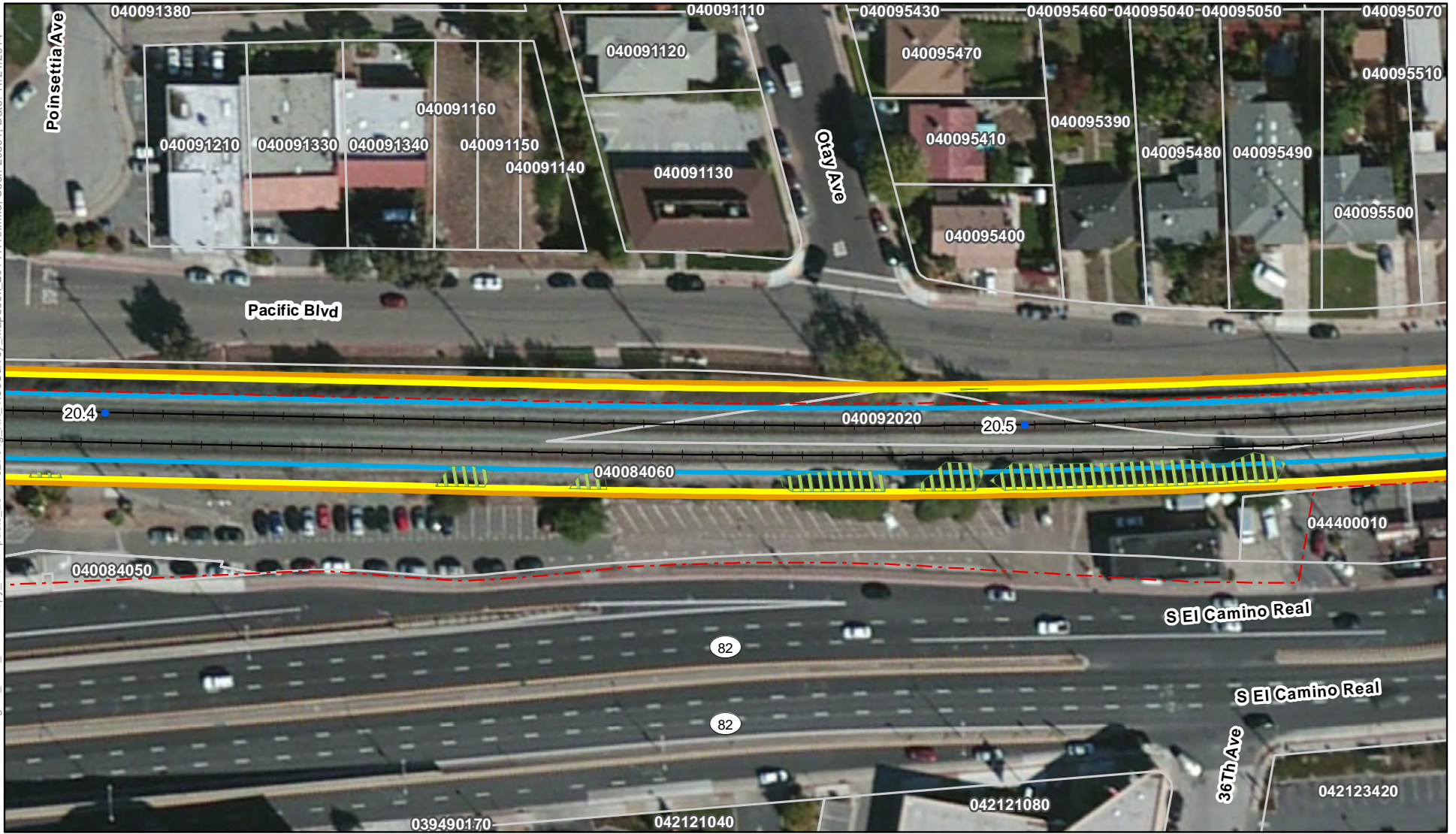
Page 144 of 359

Grid Index: E

San Mateo, 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.

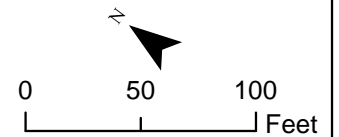


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

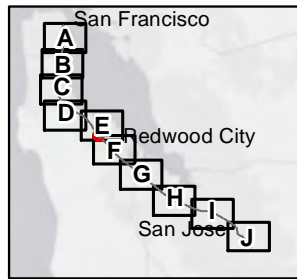
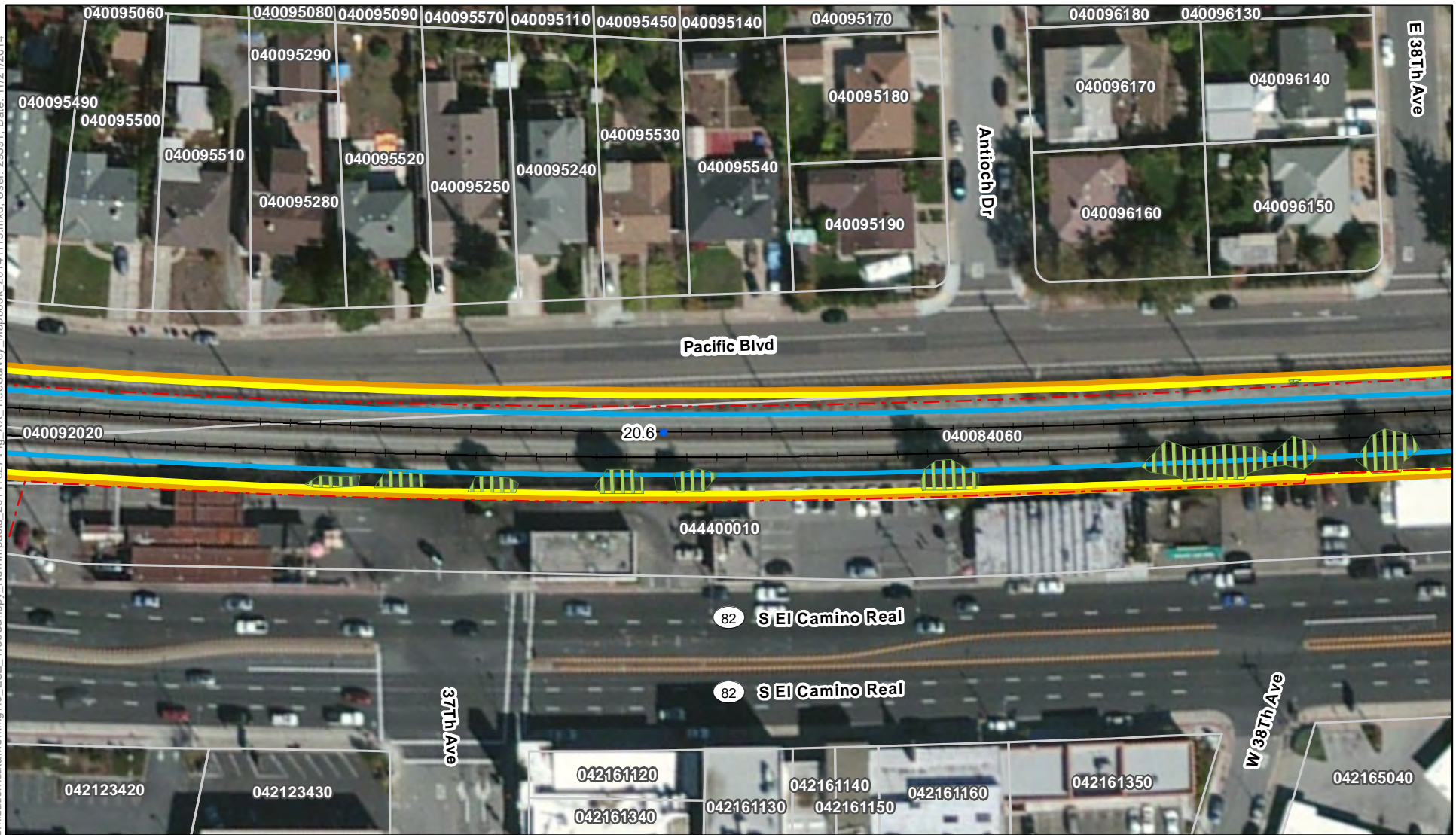
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 145 of 359
 Grid Index: E and F
 San Mateo, San Mateo County



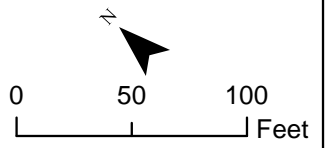
Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design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



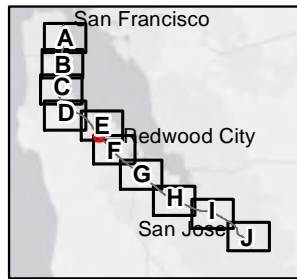
Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section 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*
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 146 of 359
 Grid Index: E and F
 San Mateo, 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.

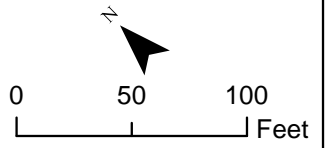


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

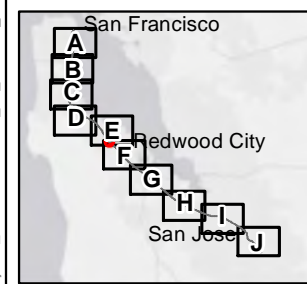
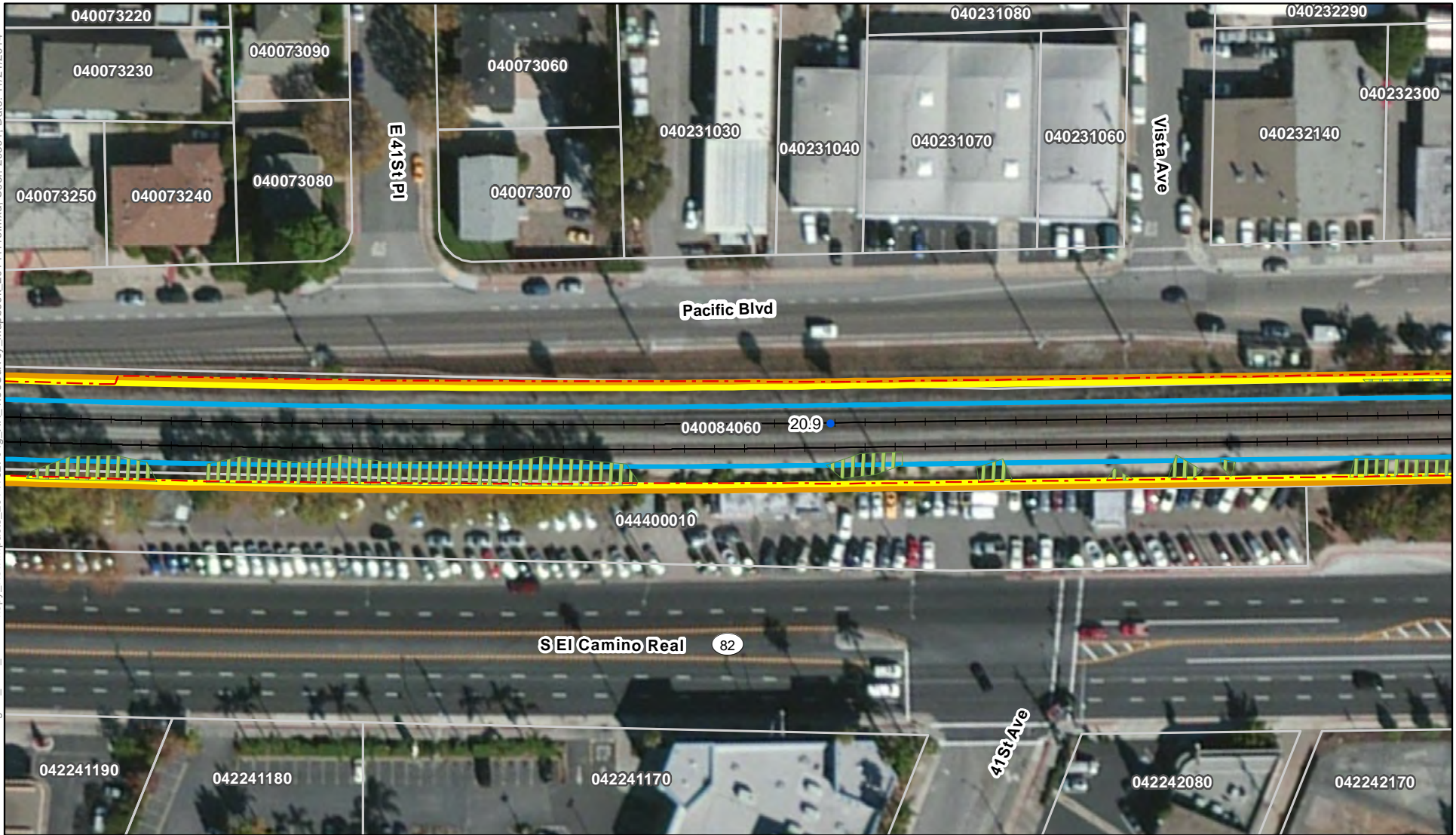
- Track Mile Post
- JPB Right of Way
- Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 147 of 359
 Grid Index: E and F
 San Mateo, 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.



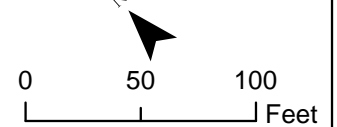
Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

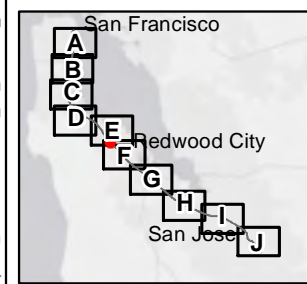
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps

Page 148 of 359
 Grid Index: E and F
 San Mateo, San Mateo County
 Belmont, 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.

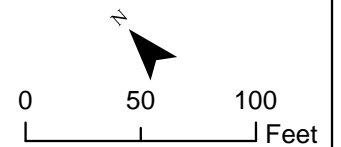


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

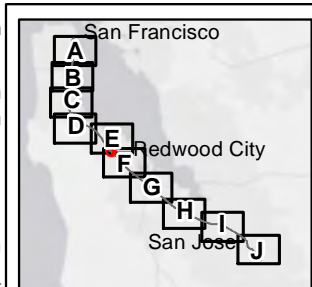
- Track Mile Post
- JPB Right of Way
- Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 149 of 359
 Grid Index: E and F
 Belmont, San Mateo County



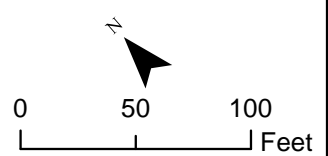
Maps show the ESZ based on preliminary offsets of 21 feet and 18 feet from the outer electrified track centerline in two-track areas and multi-track areas, respectively. The tree impact color coding is based on these default offsets. In some areas, due to curves, other infrastructure, or other design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



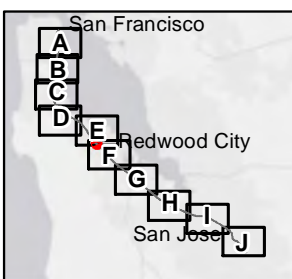
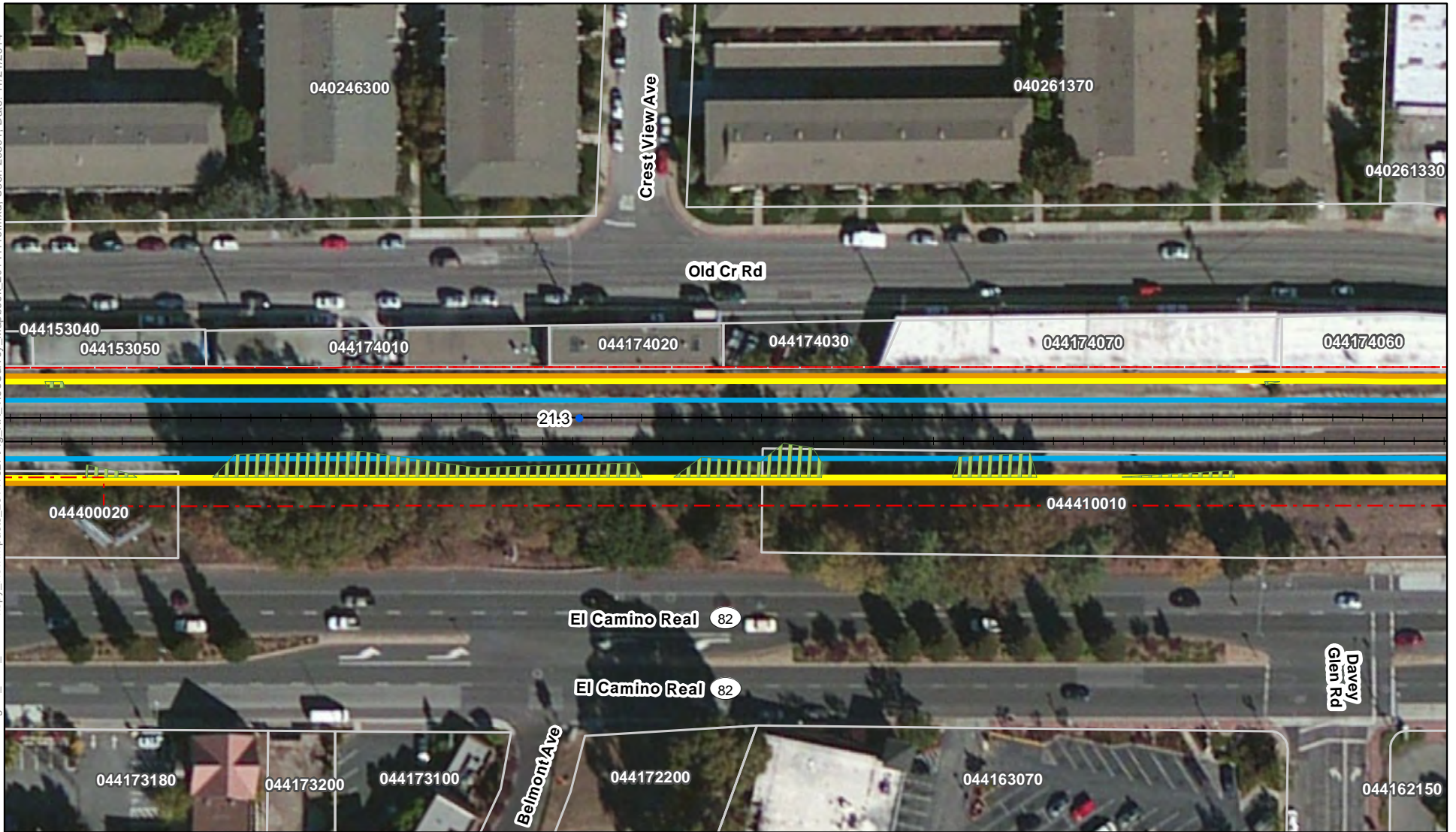
Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section 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
 Page 150 of 359
 Grid Index: E and F
 Belmont, 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.

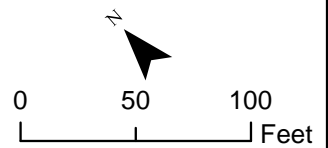


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

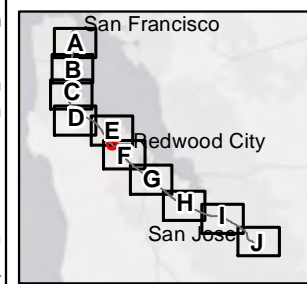
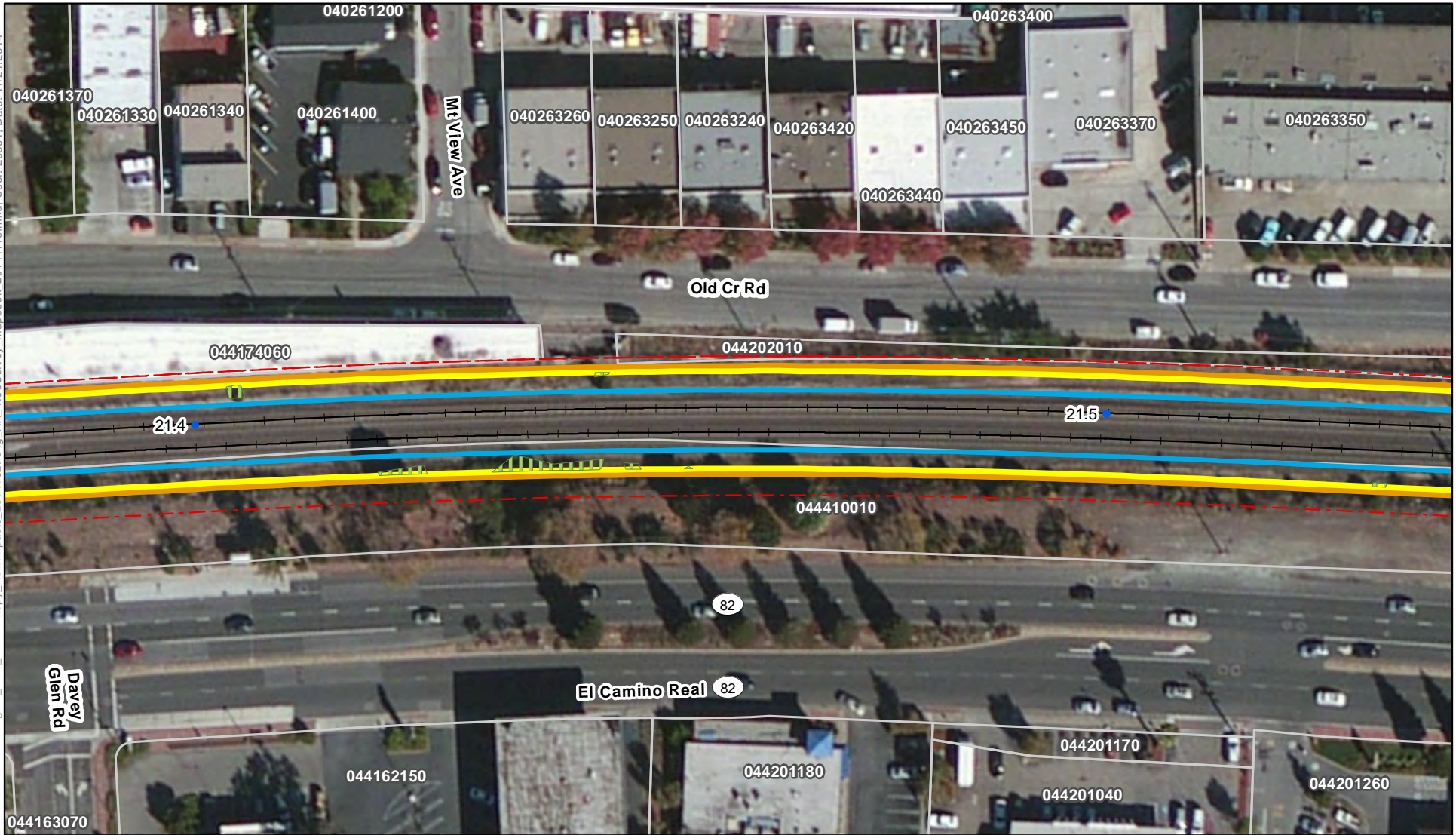
- Tree Impact ****
- No Impact
 - 50% Prune
 - Prune
 - 25% Remove
 - 50% Remove
 - Remove

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 151 of 359
 Grid Index: E and F
 Belmont, 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

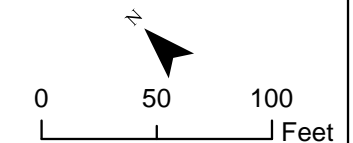


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section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

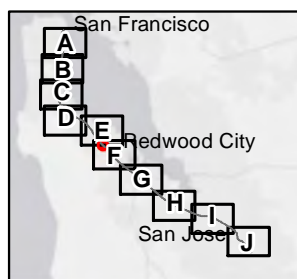
- Track Mile Post
- - - JPB Right of Way
- + Tracks
- Parcel
- OCS (outer pole alignment)
- ESZ - 21'/18' offset
- ESZ - 24' offset
- ▨ Tree Canopy within ESZ*

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

Preliminary PCEP OCS/ESZ/Tree Impact Maps
 Page 152 of 359
 Grid Index: E and F
 Belmont, 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.

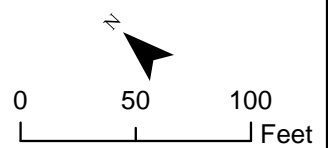


Notes:
 * Tree canopy was determined from NAIP 2009 data.
 ** Trees with a chance of removal would be trimmed if they are not removed. Images show shadows of existing trees and structures which are not meant to be mistaken for tree canopy.
 For restrictions on use of parcel data see the Notes section 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
 Page 153 of 359
 Grid Index: E and F
 Belmont, 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.

