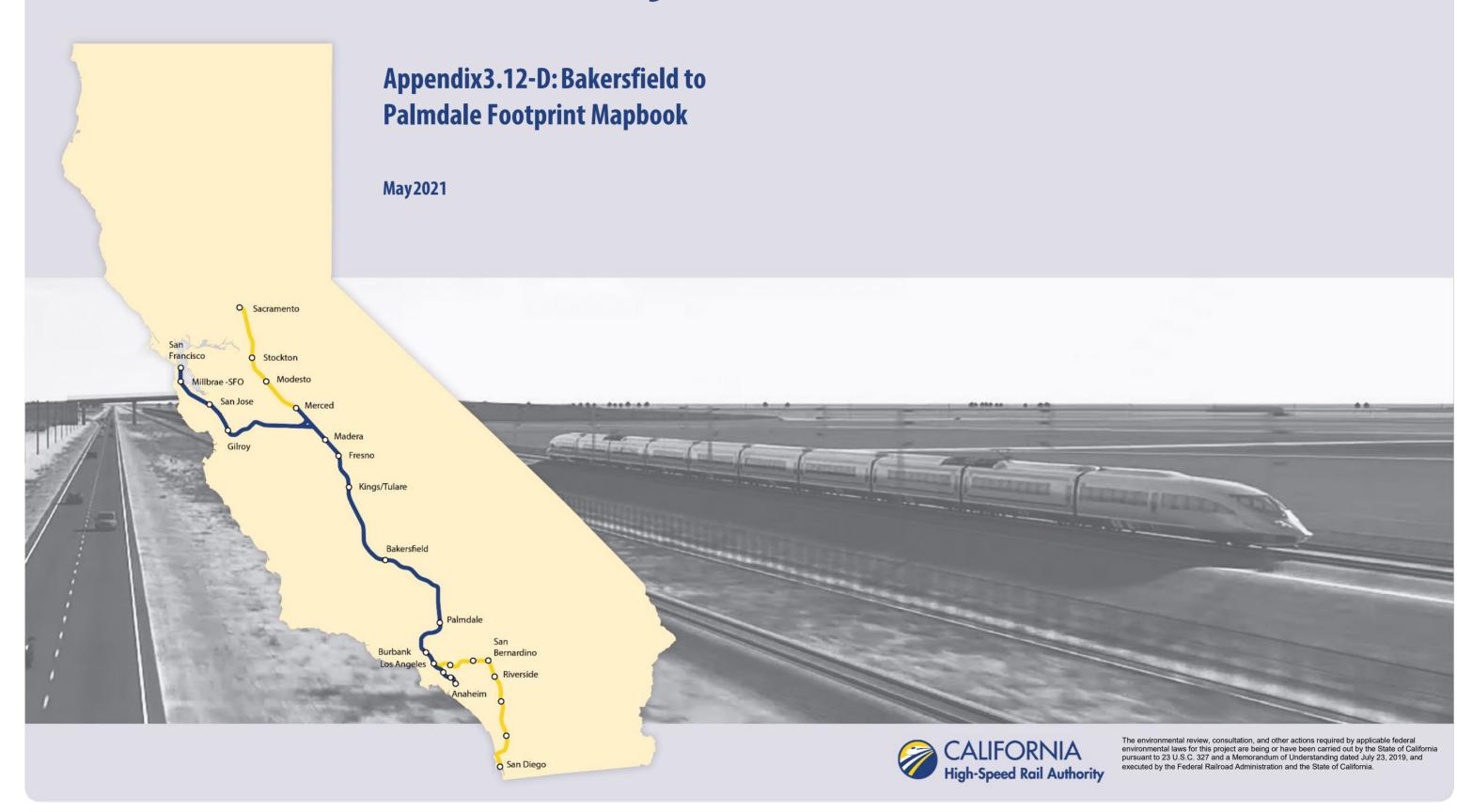
California High-Speed Rail Authority

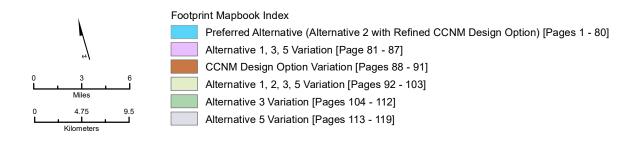
Bakersfield to Palmdale Project Section







SOURCE: National Geographic (2015); CHSRA (4/2016, 6/2016, 2/2017, 10/2019, 7/2020)



Bakersfield to Palmdale Parcel Acquisitions

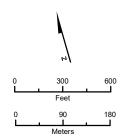
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California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)





Proposed Utility
Proposed Electrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer
Proposed Storm Drain
Proposed Water
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Parcel Acquisition

Full Acquisition
Partial Acquisition
TCE
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Wind Farm Substation

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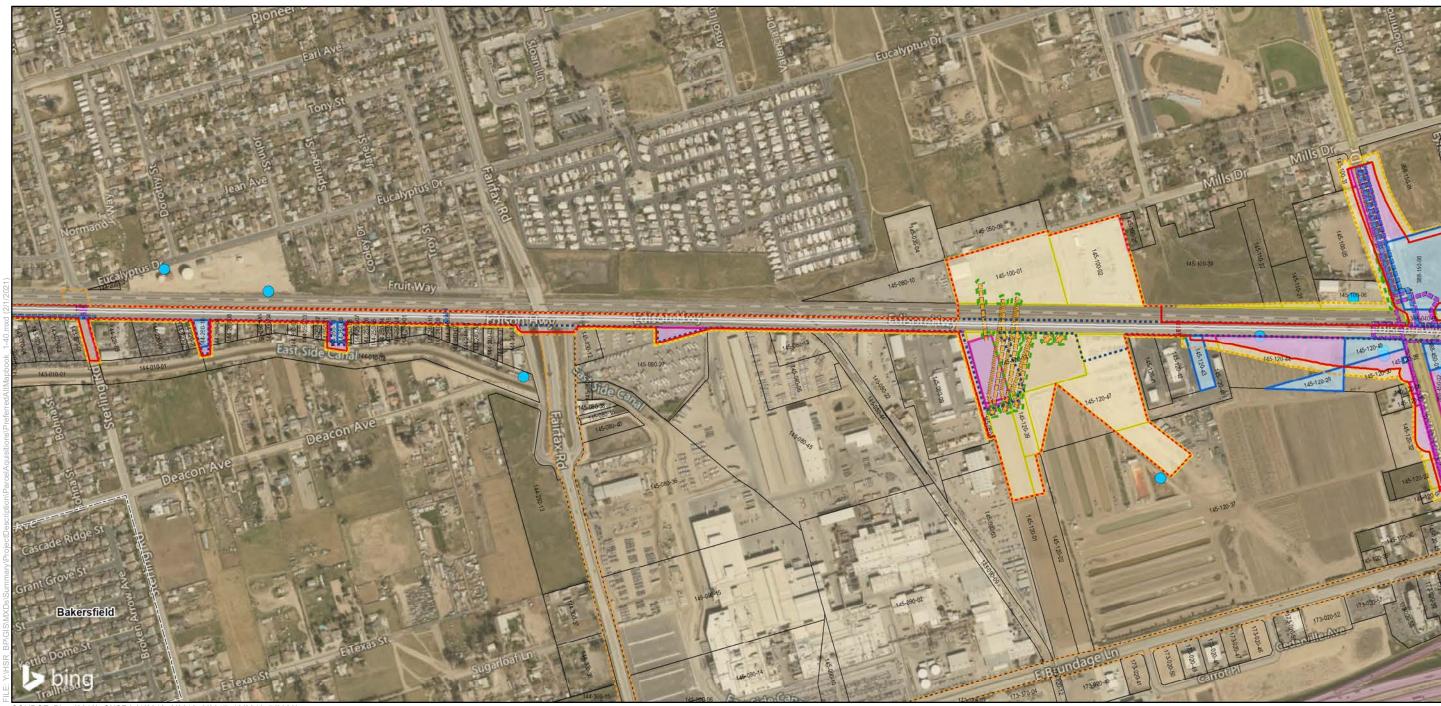
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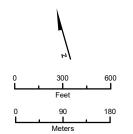
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Design Features
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Temporary Impact Limit
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Proposed Electrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer

Proposed Sewer
Proposed Storm Drain
Proposed Water
Utility Easement Area

Parcel Acquisition

Parcels

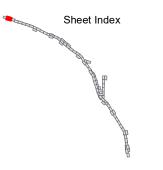
Full Acquisition
Partial Acquisition
TCE

Renewable Energy and Well

Oil WellWater Well

Windmill
Solar Farm

// Wind Farm Substation



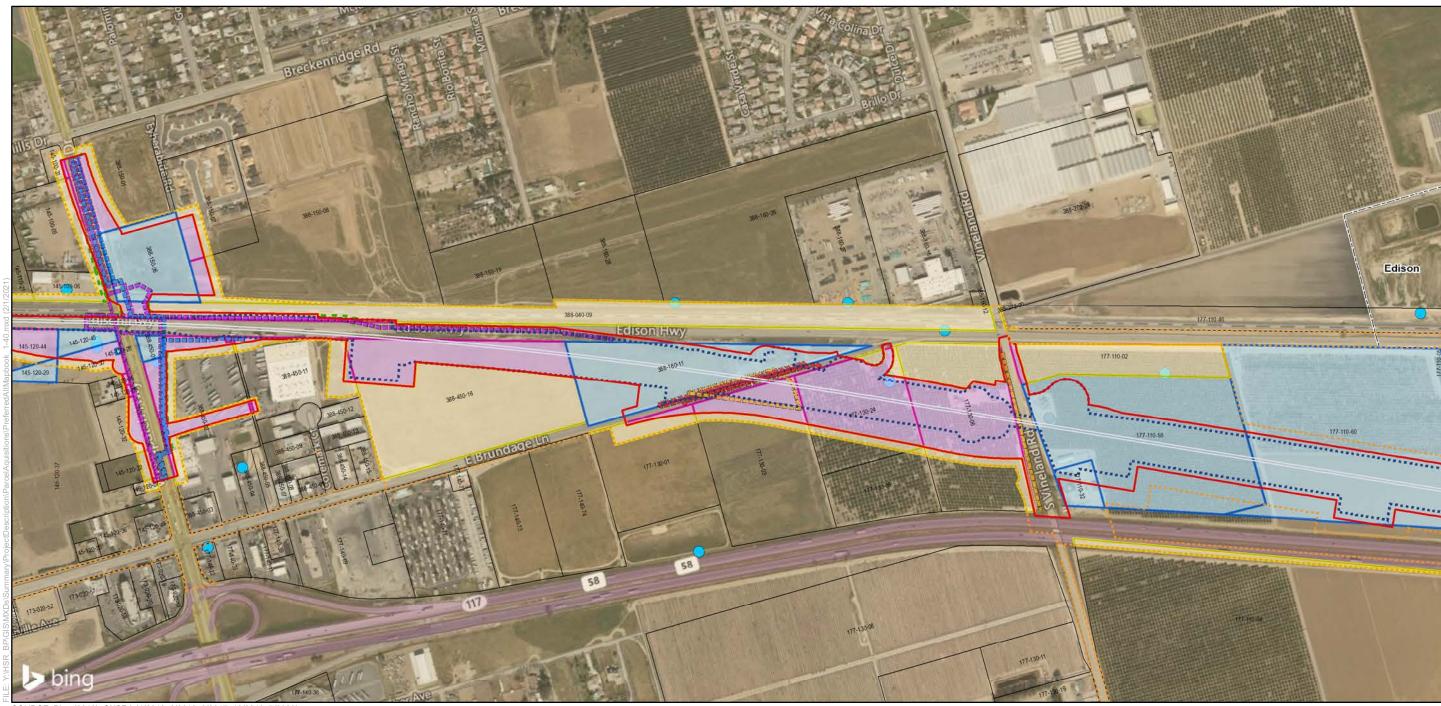
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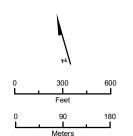
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Design Features
Permanent Impact Limit
Temporary Impact Limit
Proposed Right of Way
Track Alignment

Proposed Utility
Proposed Electrical

Proposed Natural Gas
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Proposed Sewer
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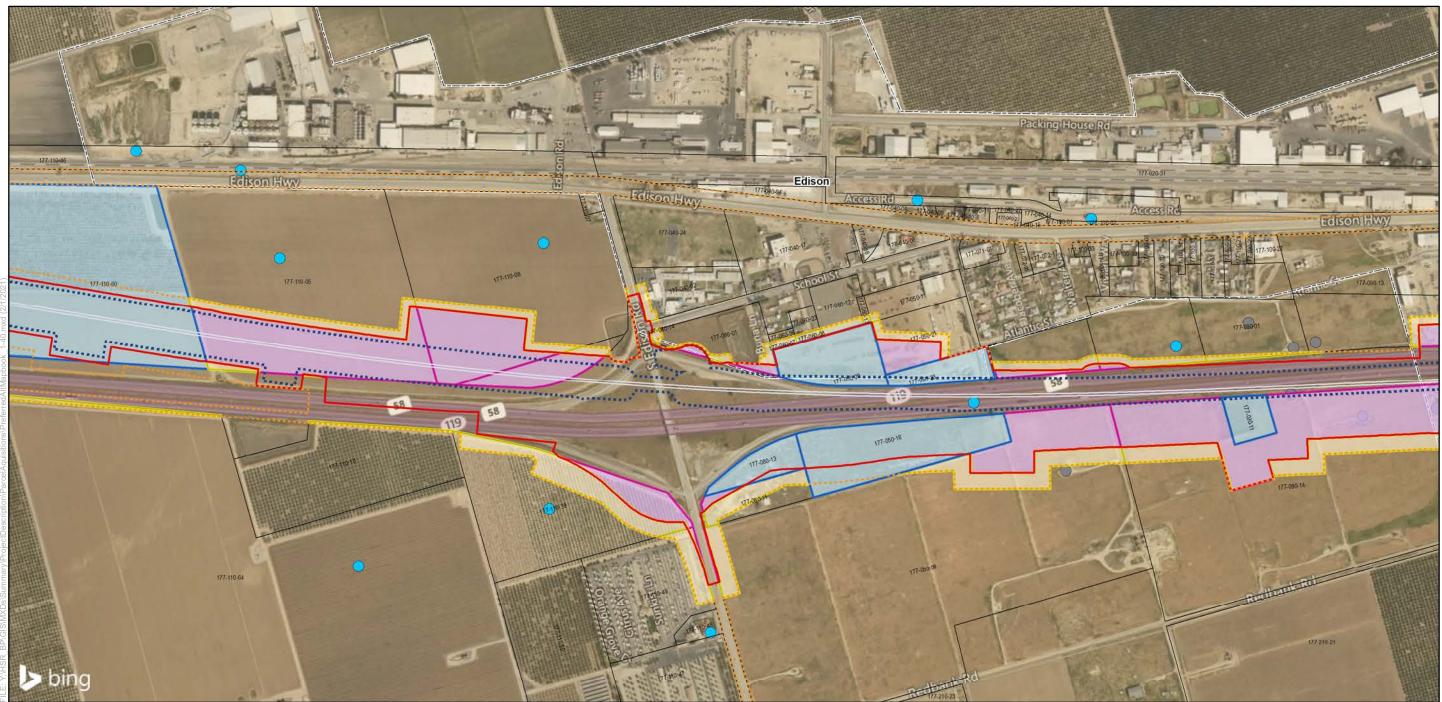
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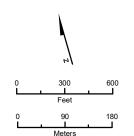
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)





Proposed Utility
Proposed Electrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer
Proposed Storm Drain

Proposed Water
Utility Easement Area

Parcel Acquisition
Full Acquisition

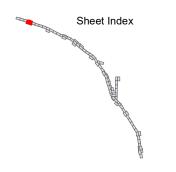
Full Acquisition
Partial Acquisition
TCE
Parcels

Renewable Energy and Well

Oil WellWater WellWindmill

Solar Farm

// Wind Farm Substation



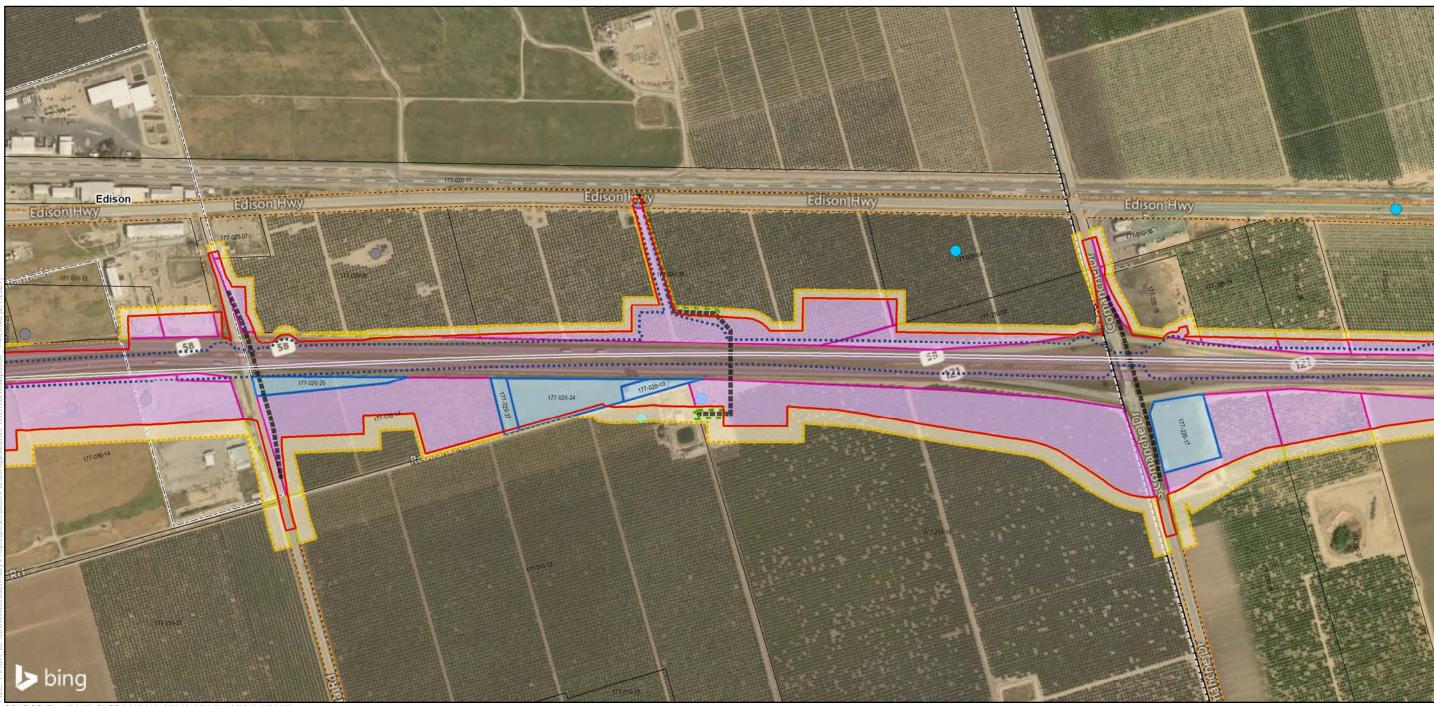
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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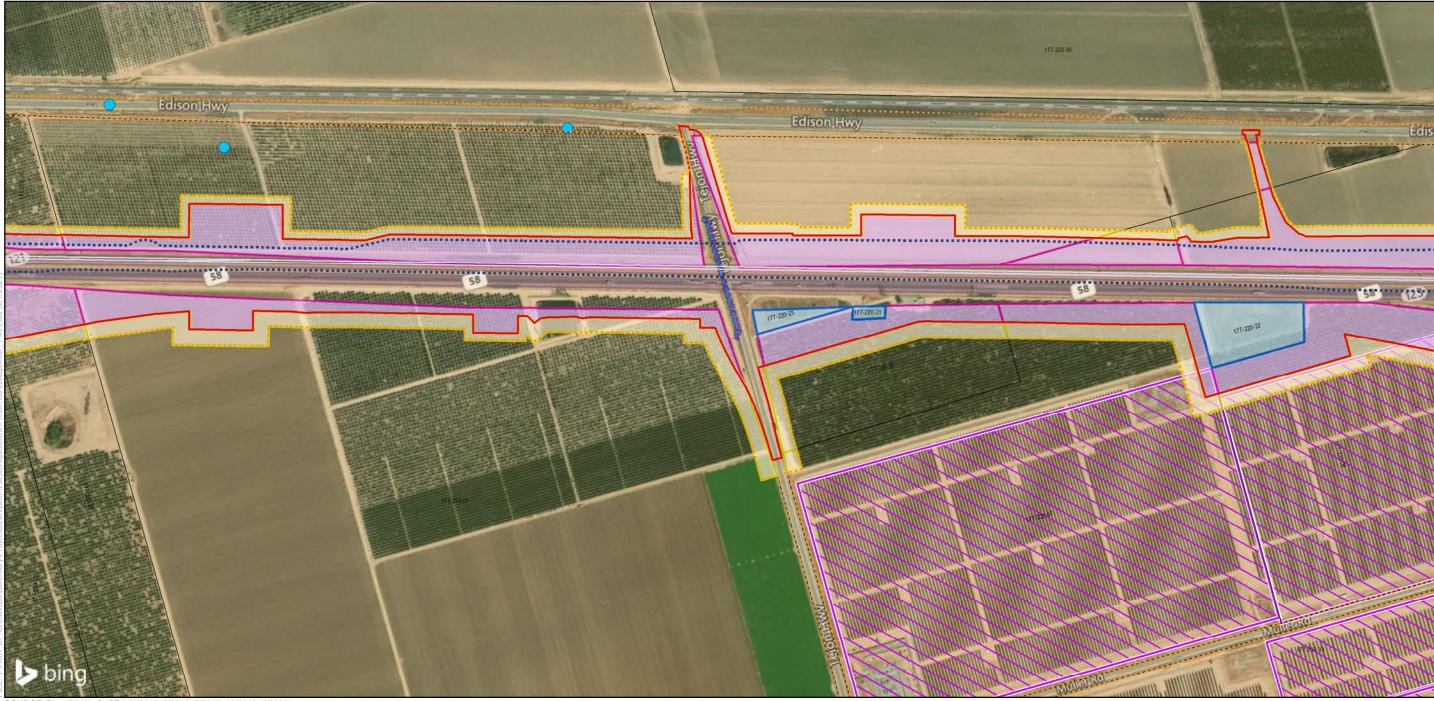
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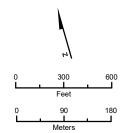
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Design Features
Permanent Impact Limit
Temporary Impact Limit
Proposed Right of Way
Track Alignment

Proposed Utility
Proposed Electrical
Proposed Natural Gas
Proposed Oil

Proposed Oil
Proposed Sewer
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Parcel Acquisition

Parcels

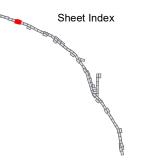
Full Acquisition
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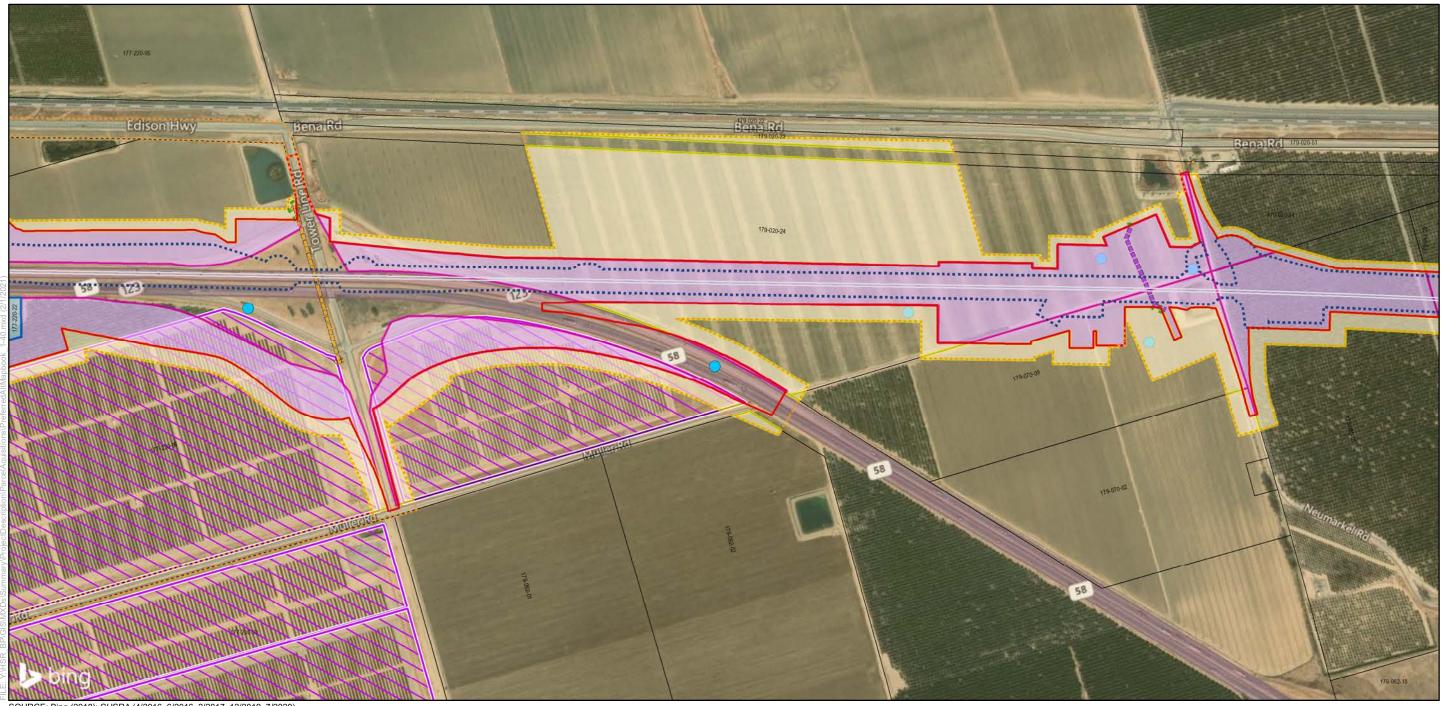
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



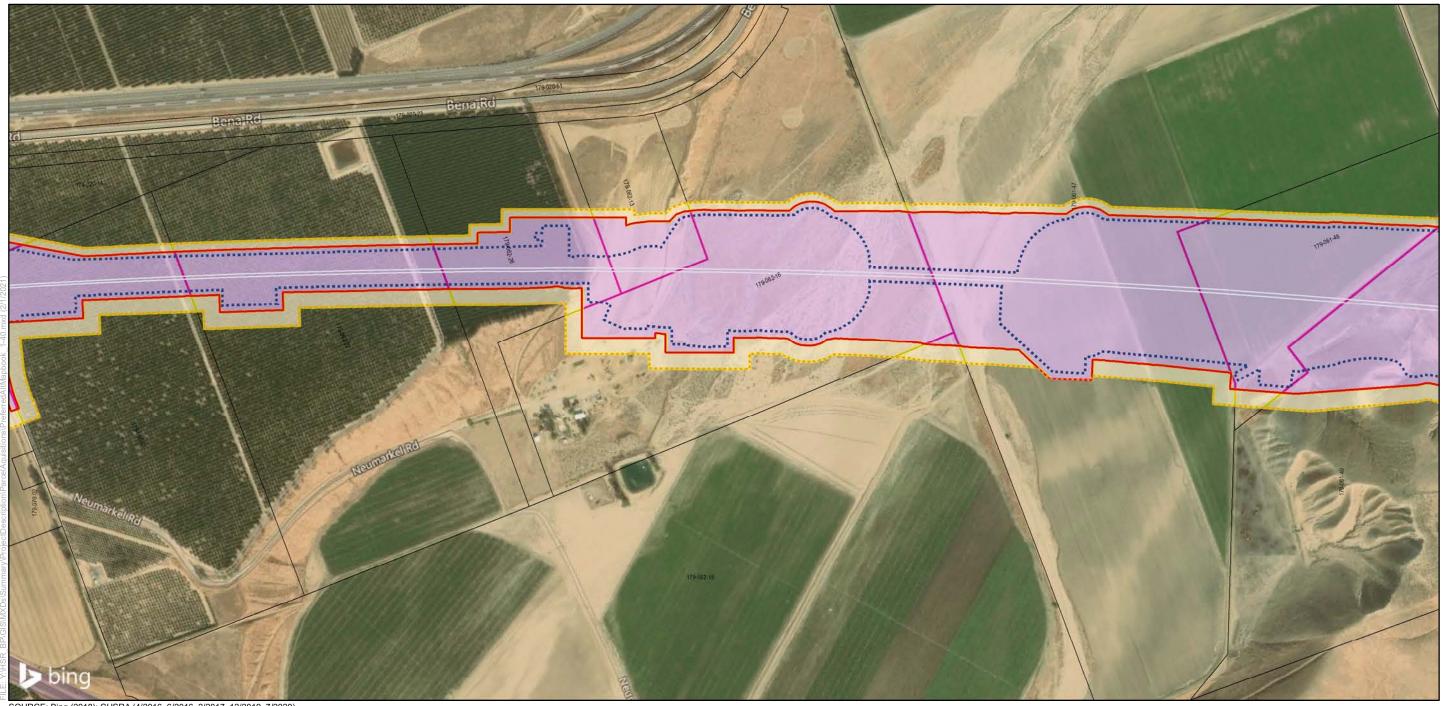
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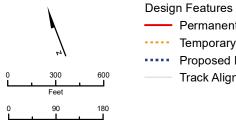
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Preferred Alternative Permanent Impact Limit

Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility

Proposed Water Utility Easement Area

Proposed Electrical Proposed Natural Gas Proposed Oil Proposed Sewer Proposed Storm Drain

Parcel Acquisition

Full Acquisition Partial Acquisition TCE

Parcels

Oil Well

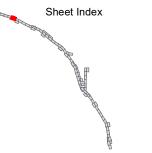
Windmill

Renewable Energy and Well

Water Well

Solar Farm

Wind Farm Substation



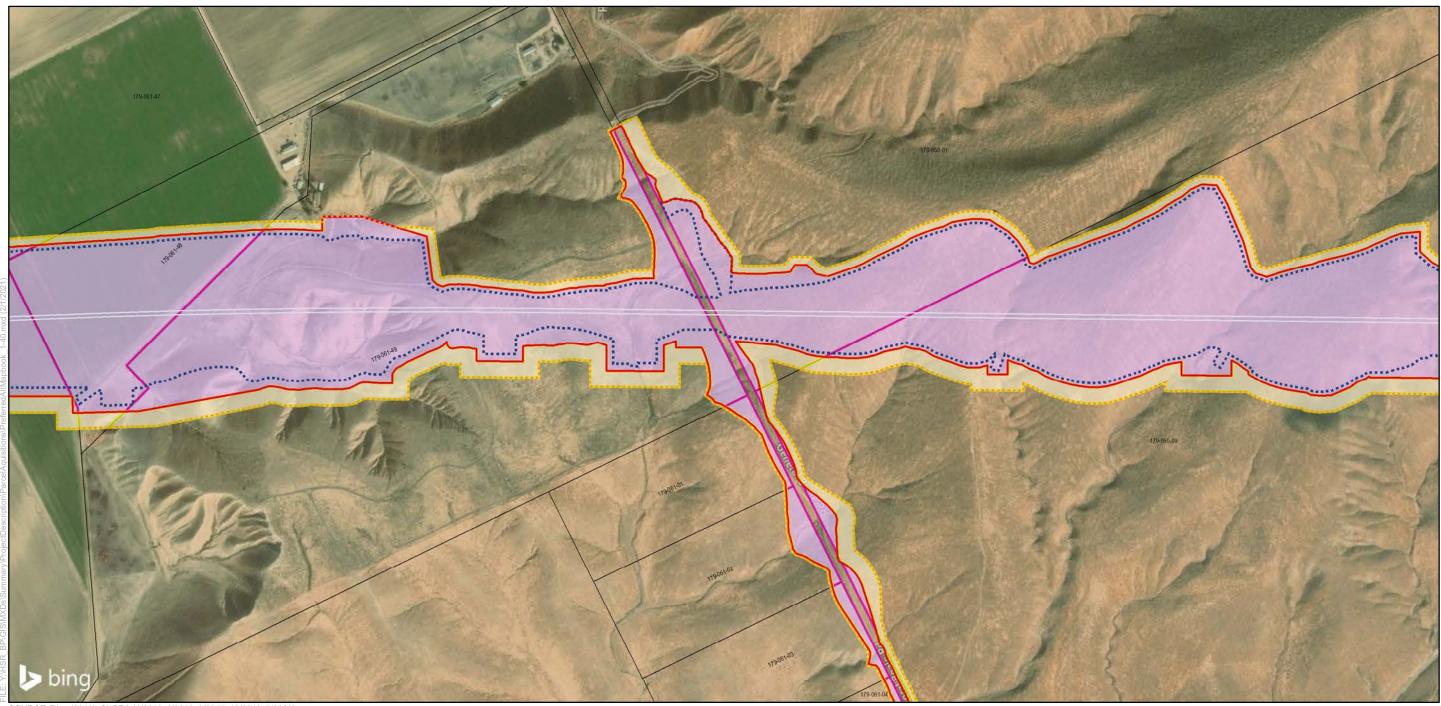
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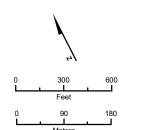
Potential Property Acquisition and Easements Preferred Alternative

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)





Proposed Utility Proposed Electrical Proposed Natural Gas Proposed Oil Proposed Sewer Proposed Storm Drain

Proposed Water Utility Easement Area Parcel Acquisition Full Acquisition

Partial Acquisition TCE Parcels

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



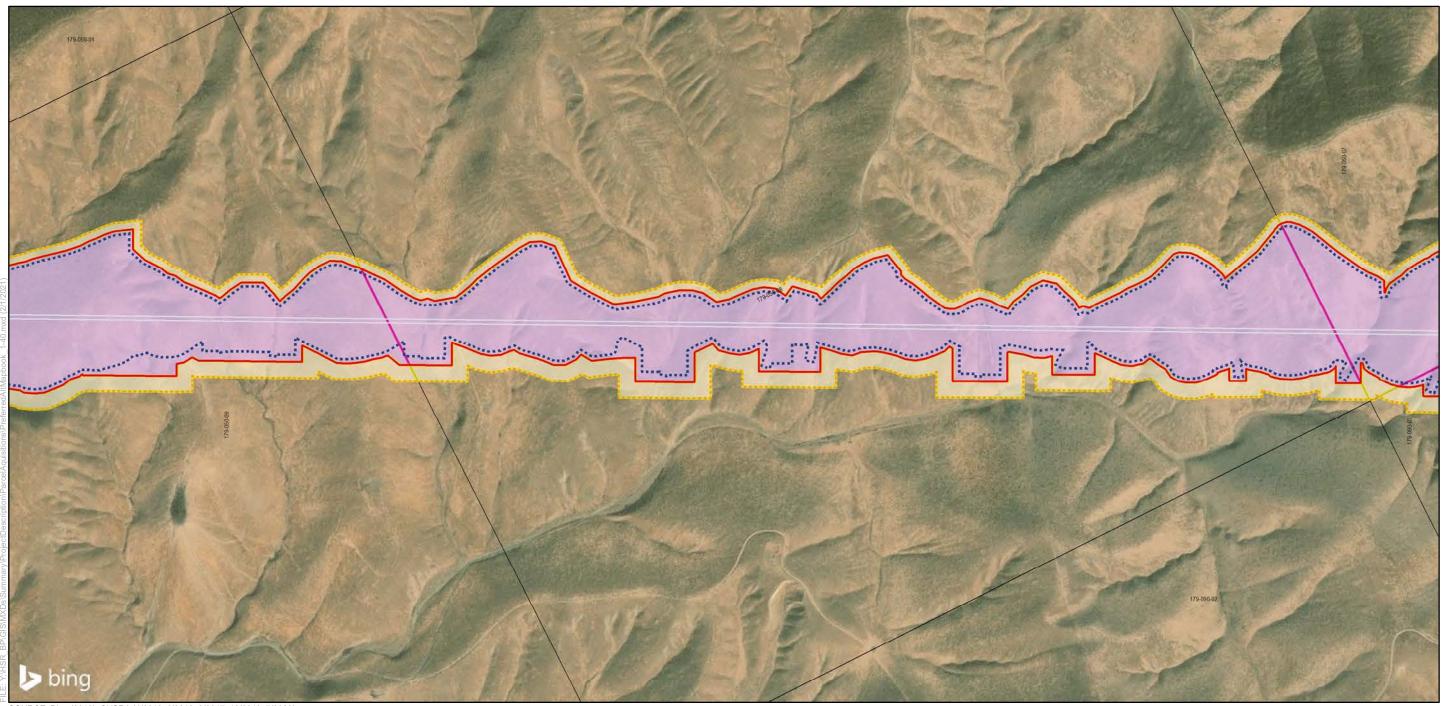
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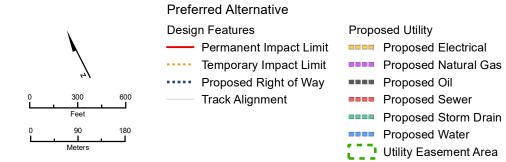
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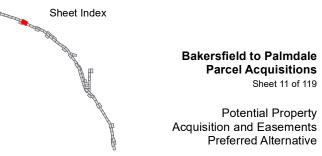




SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)





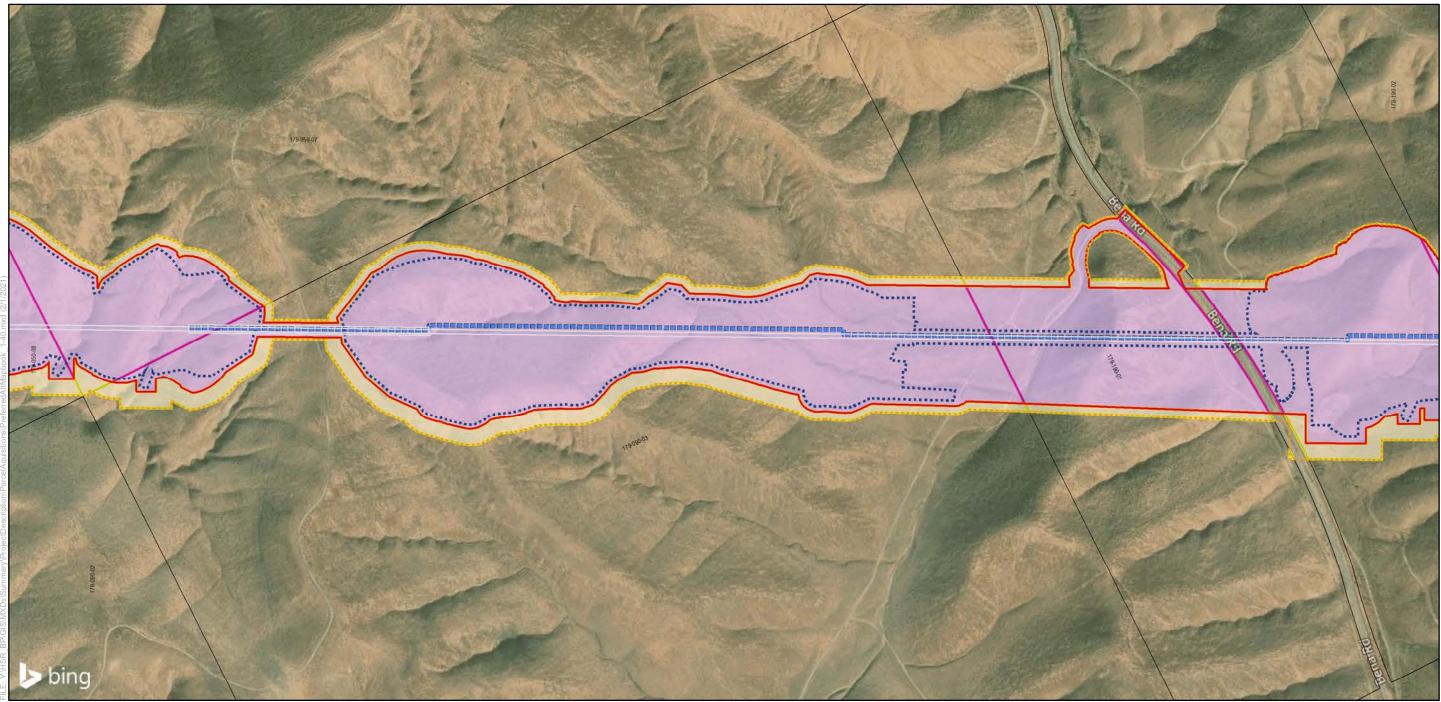


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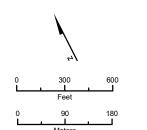
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Design Features
Permanent Impact Limit
Temporary Impact Limit
Proposed Right of Way
Track Alignment

Proposed Utility
Proposed Electrical
Proposed Natural Gas

Proposed Natural Gas
Proposed Oil
Proposed Sewer
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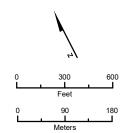
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Design Features
Permanent Impact Limit
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Track Alignment

Proposed Utility
Proposed Electrical

Proposed Natural Gas
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Renewable Energy and Well

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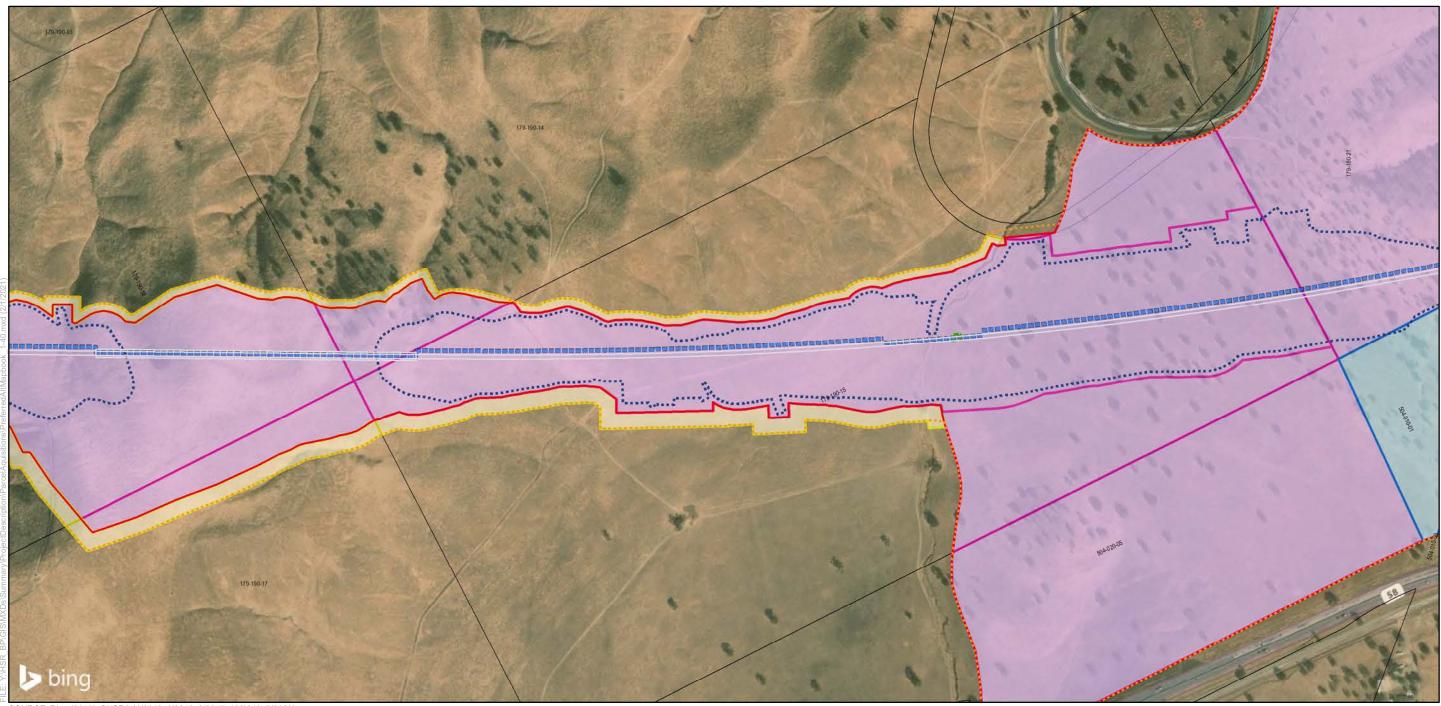
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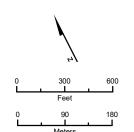
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Design Features Permanent Impact Limit Temporary Impact Limit

Preferred Alternative

Temporary Impact Limit
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Proposed Utility

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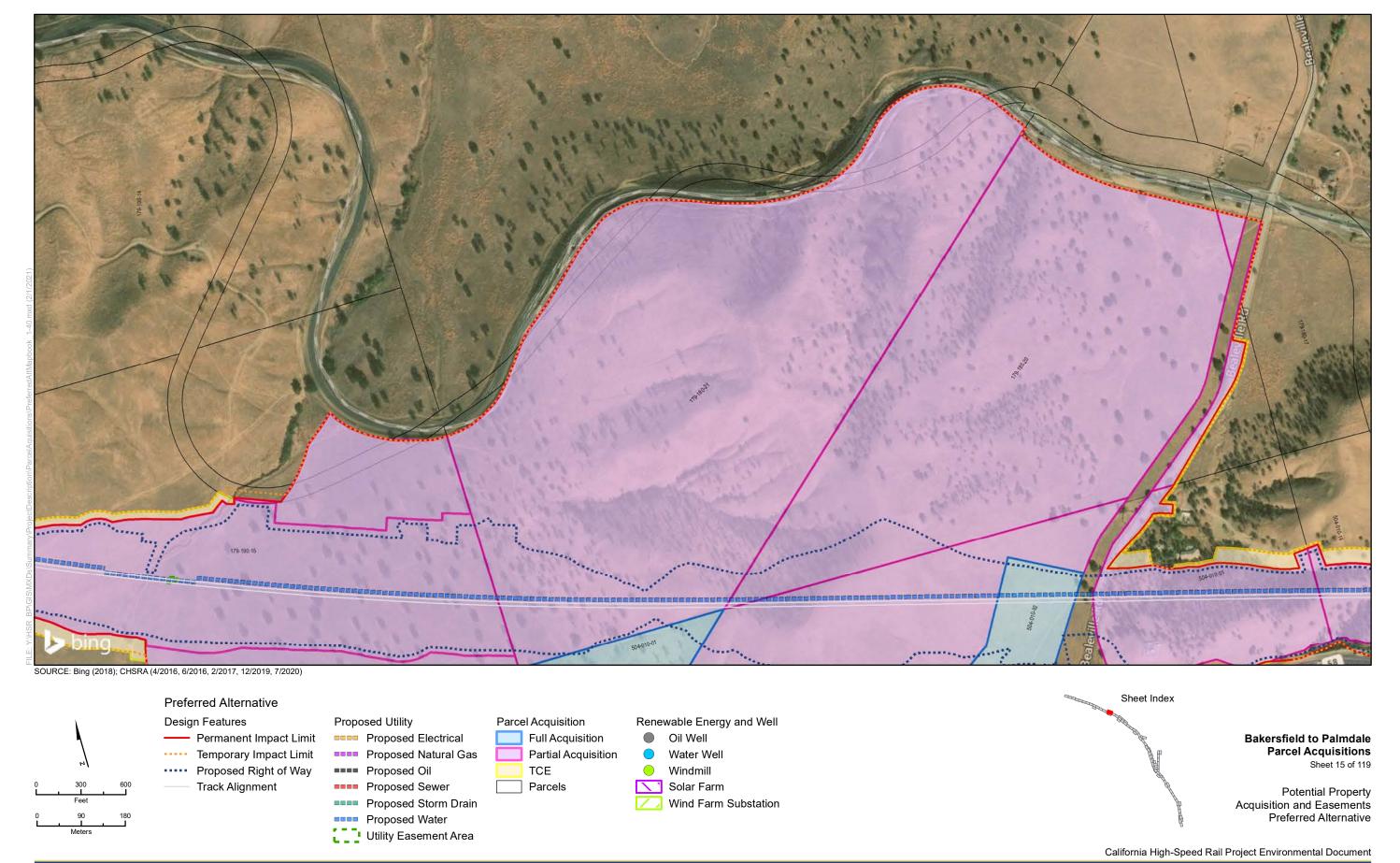
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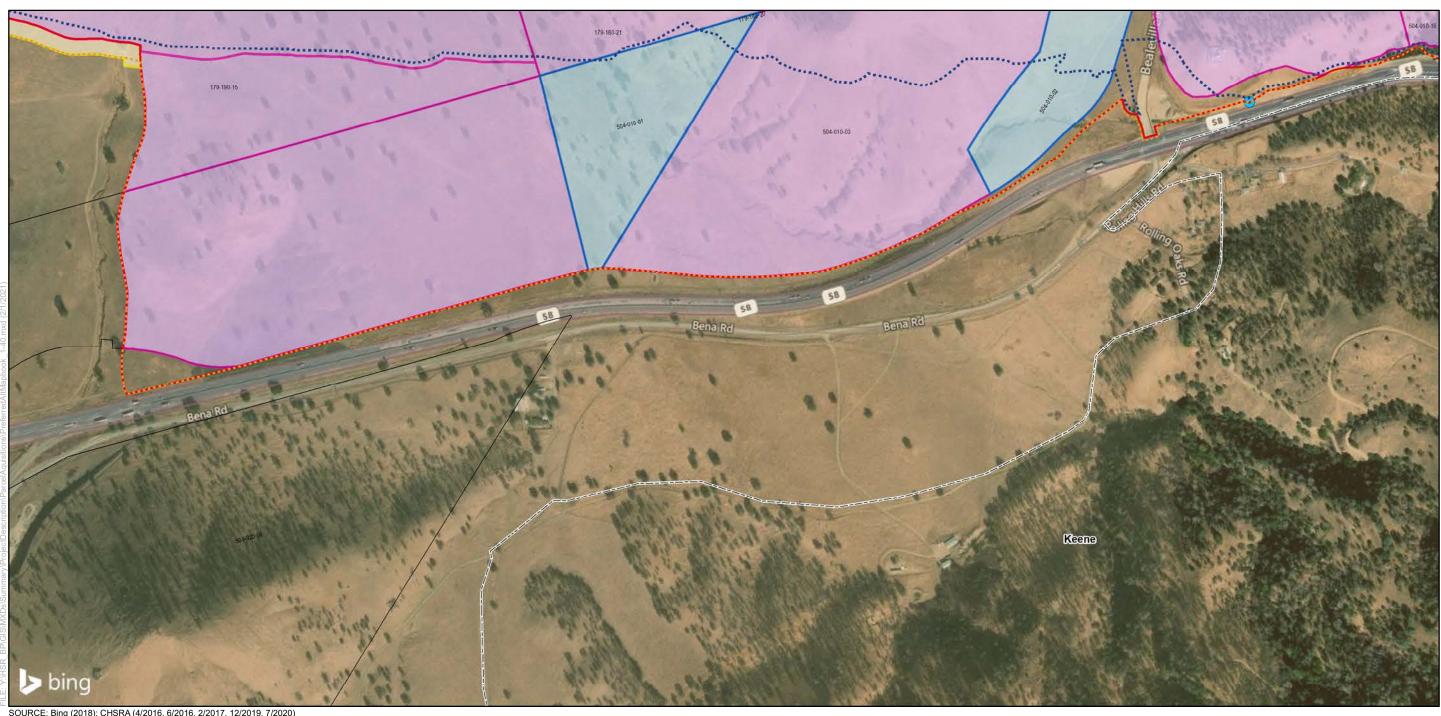




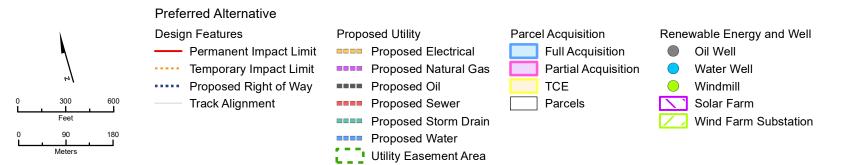
May 2021

Bakersfield to Palmdale Project Section





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



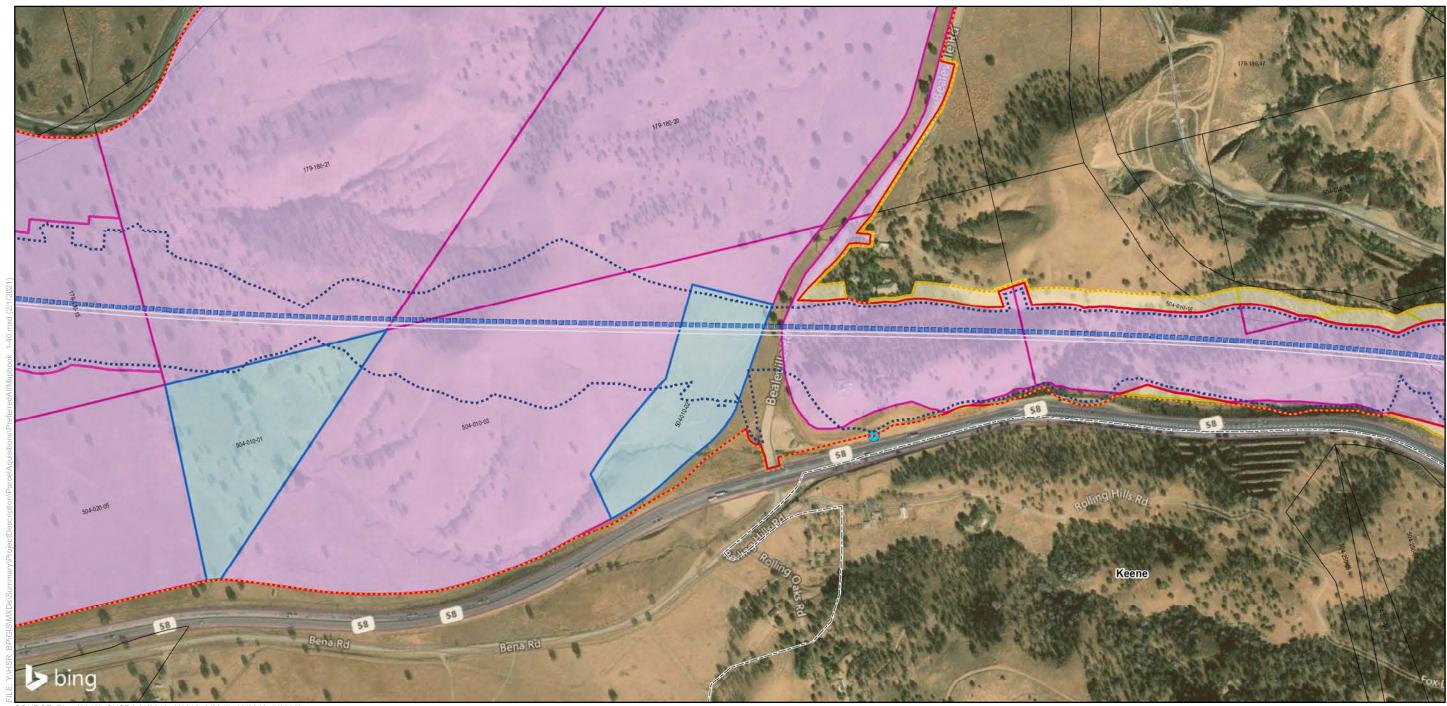
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



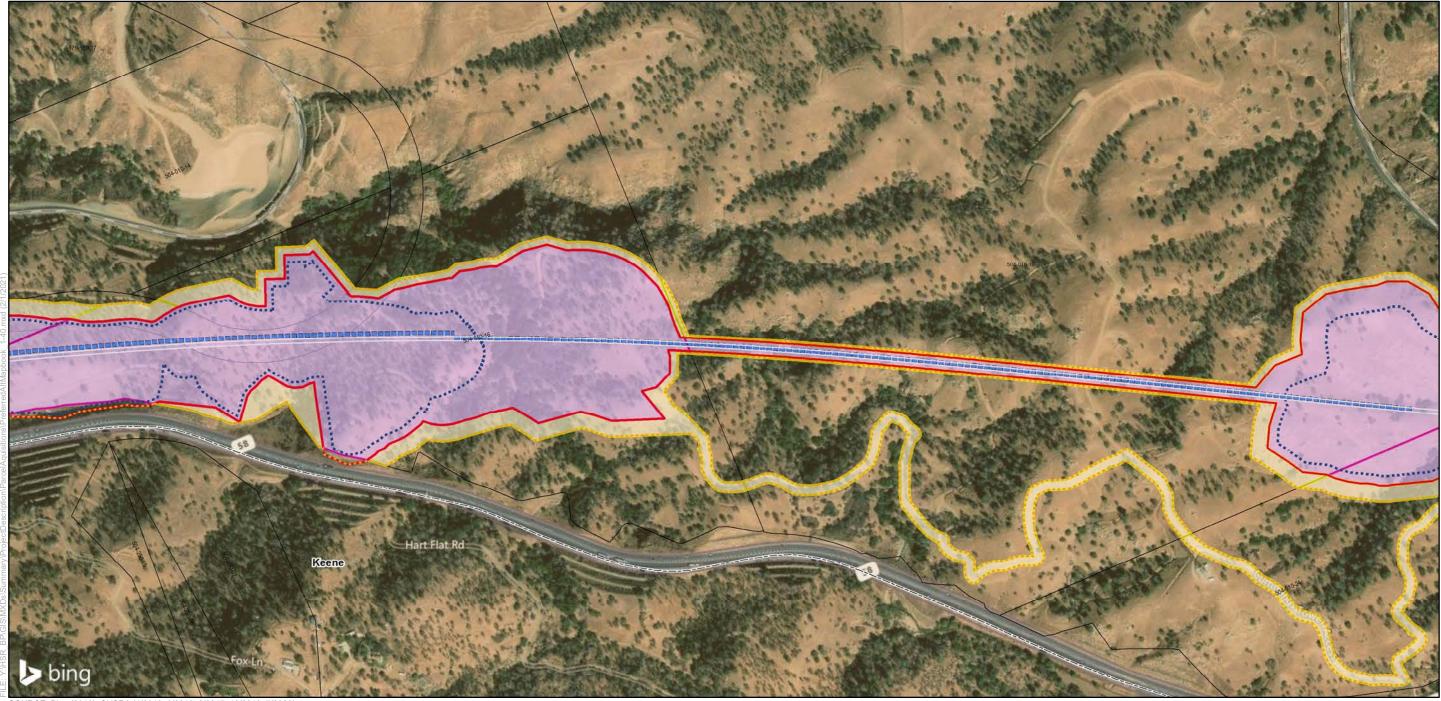
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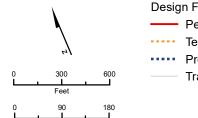
Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)





Proposed Utility
Proposed Electrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer
Proposed Storm Drain
Proposed Water

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



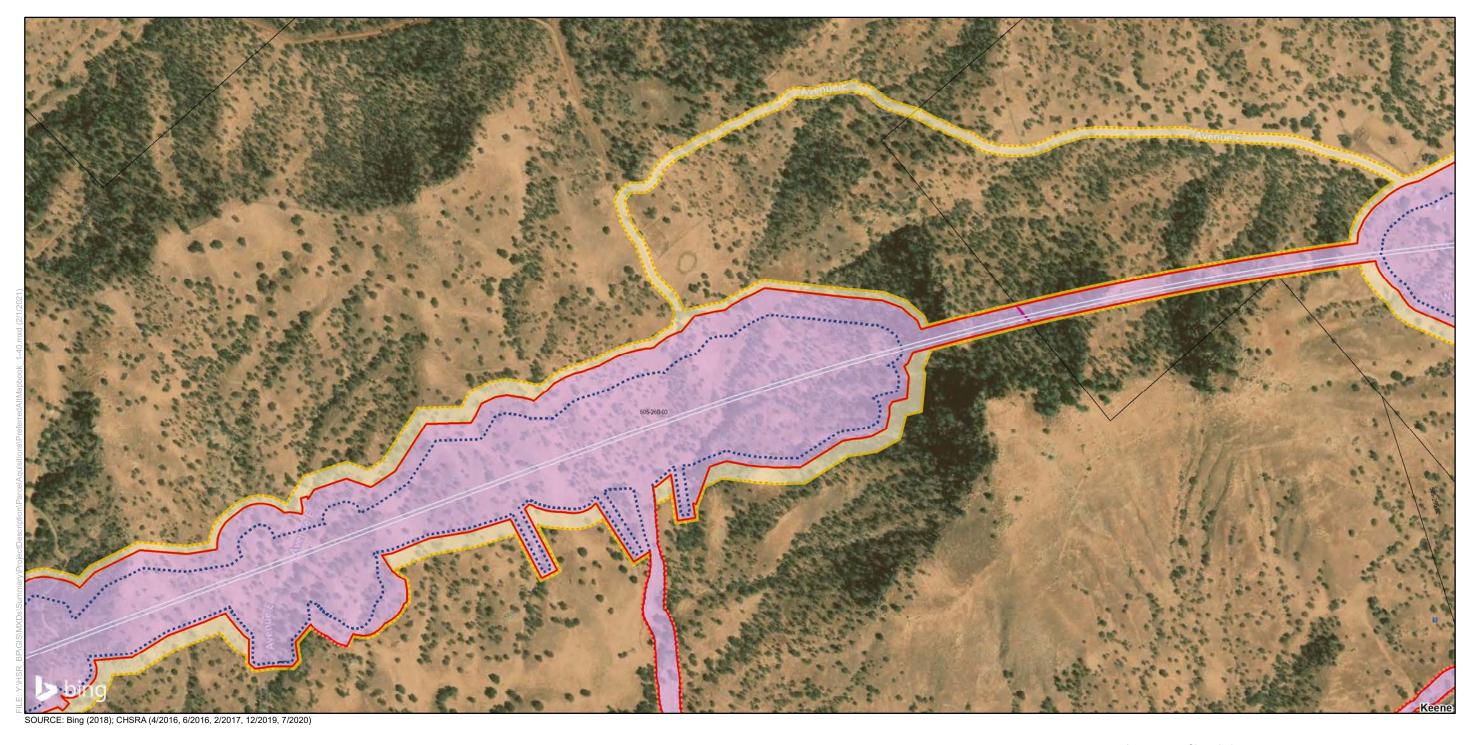
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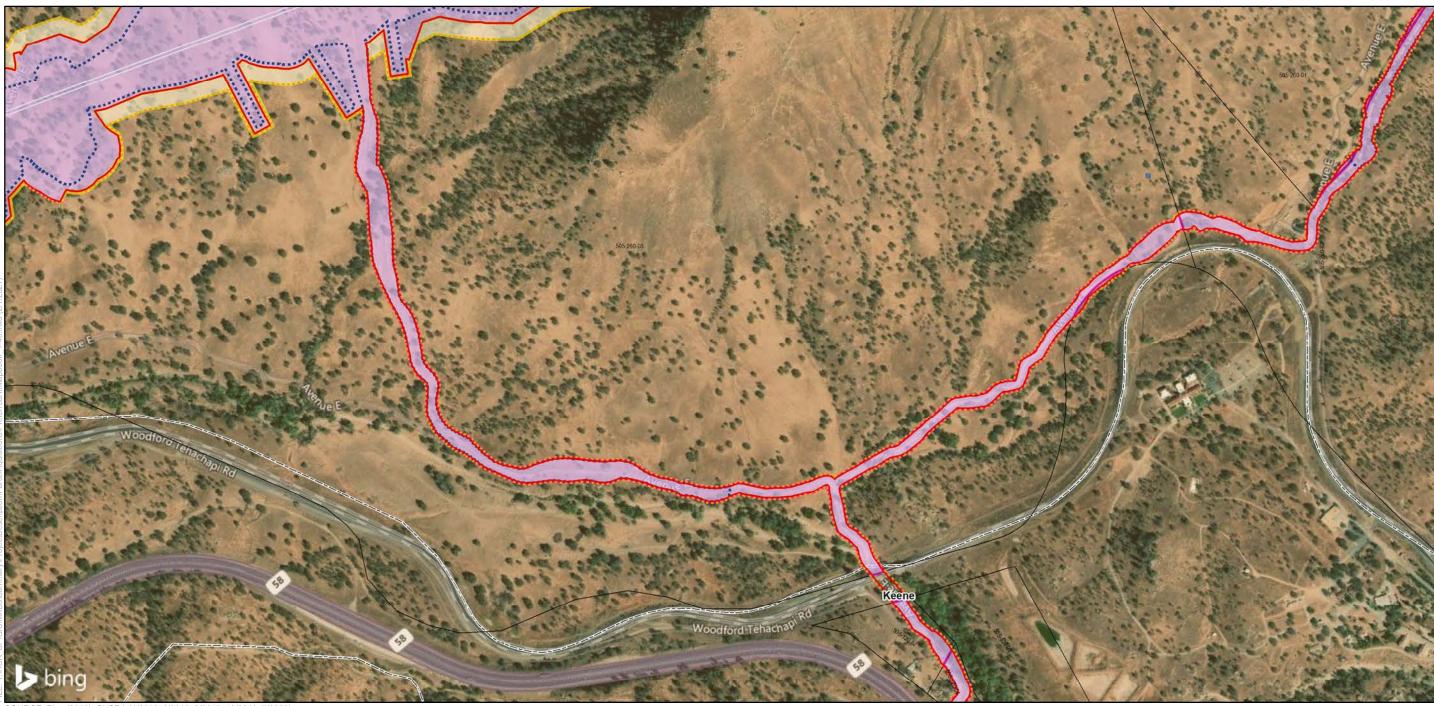
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



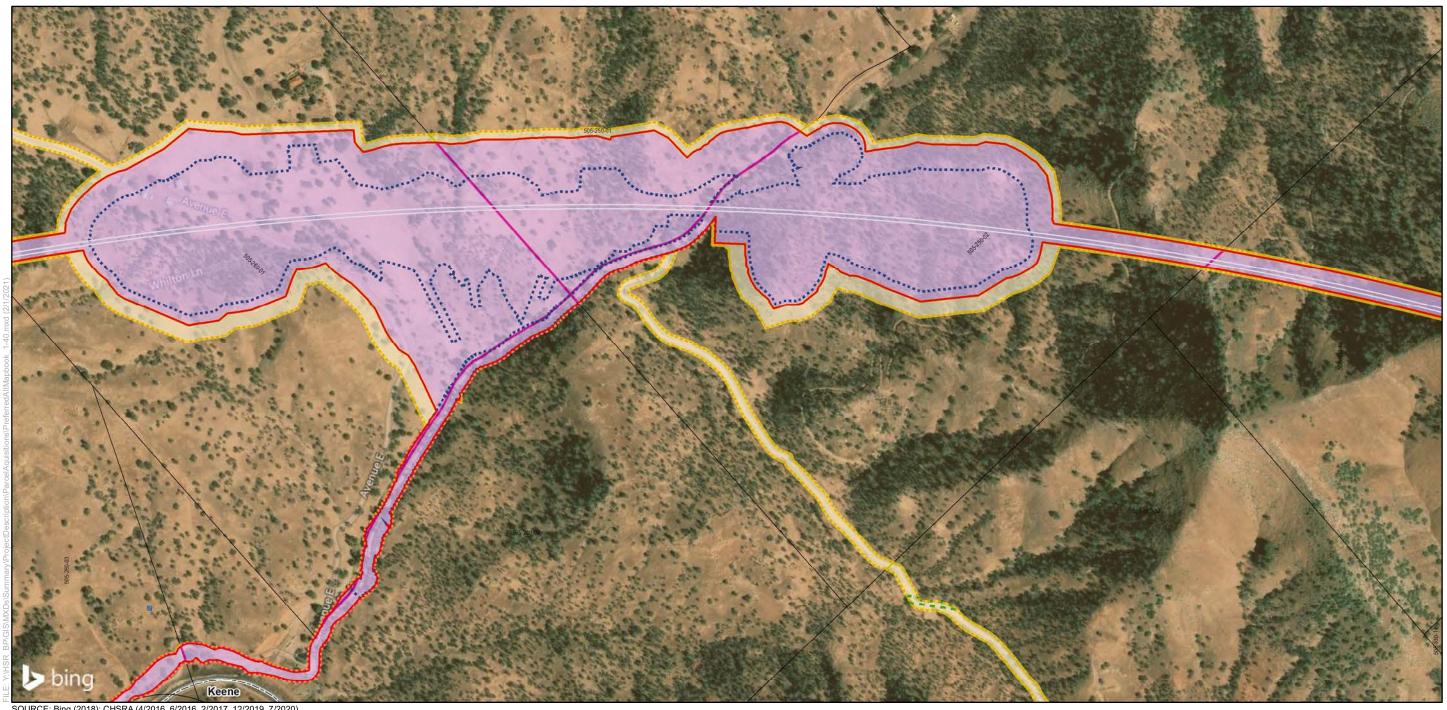
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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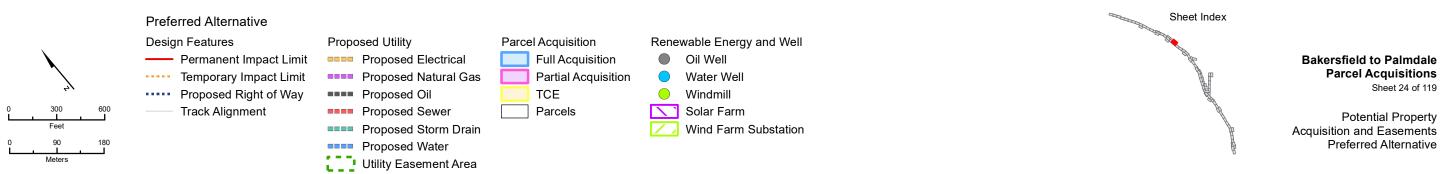
Potential Property Acquisition and Easements Preferred Alternative

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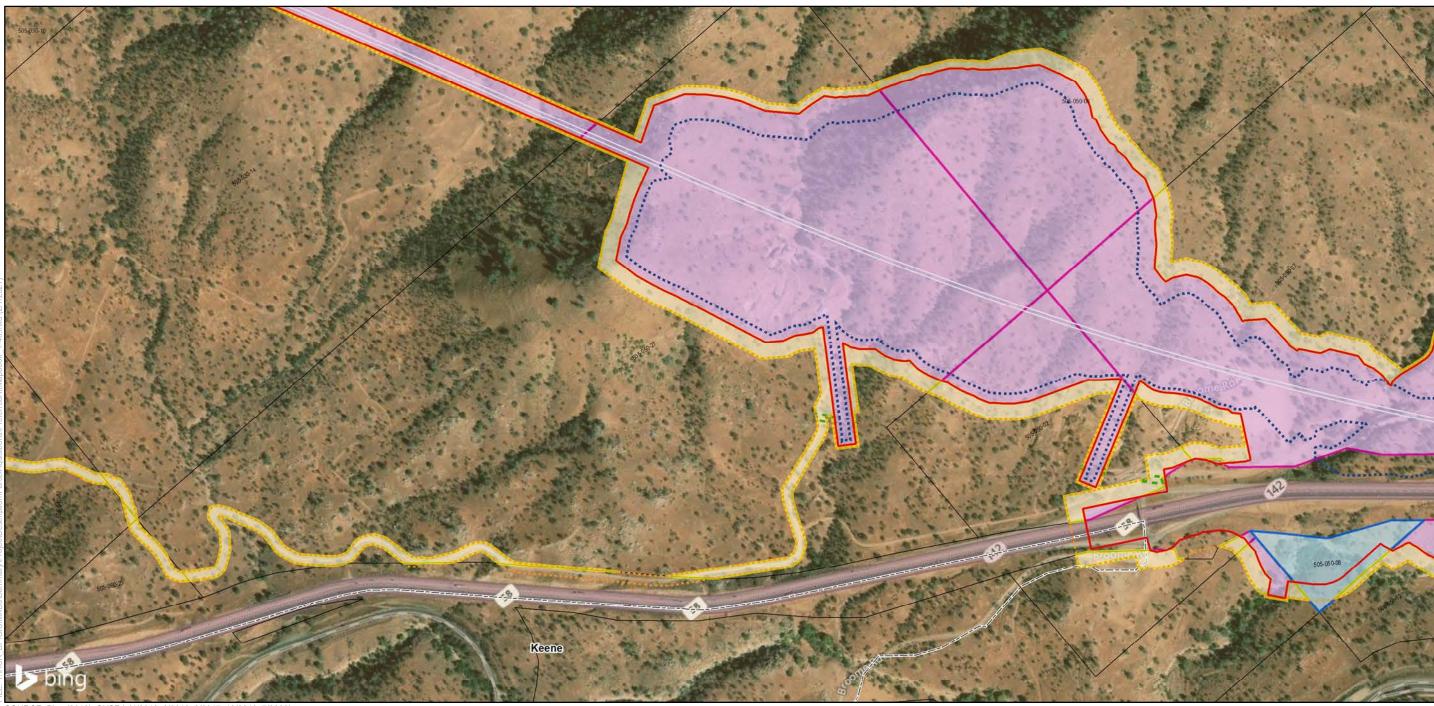


SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

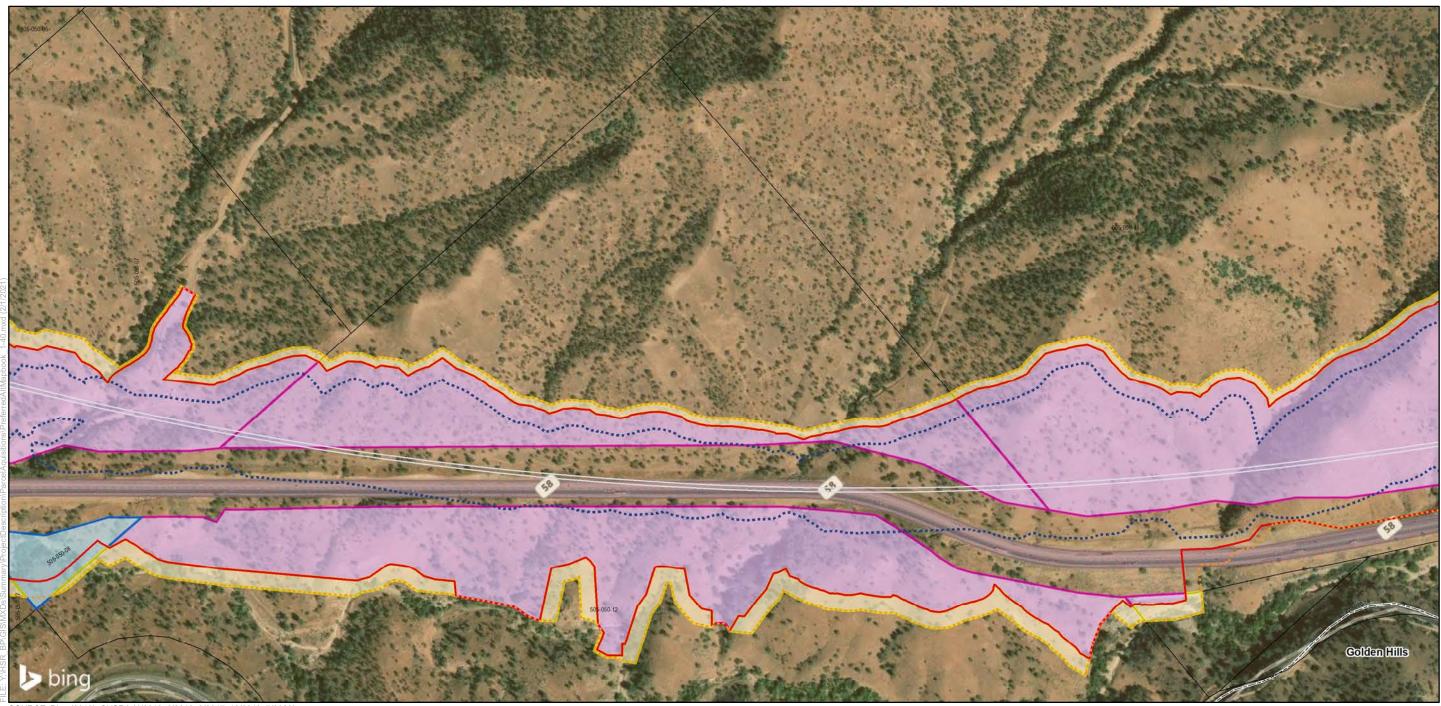


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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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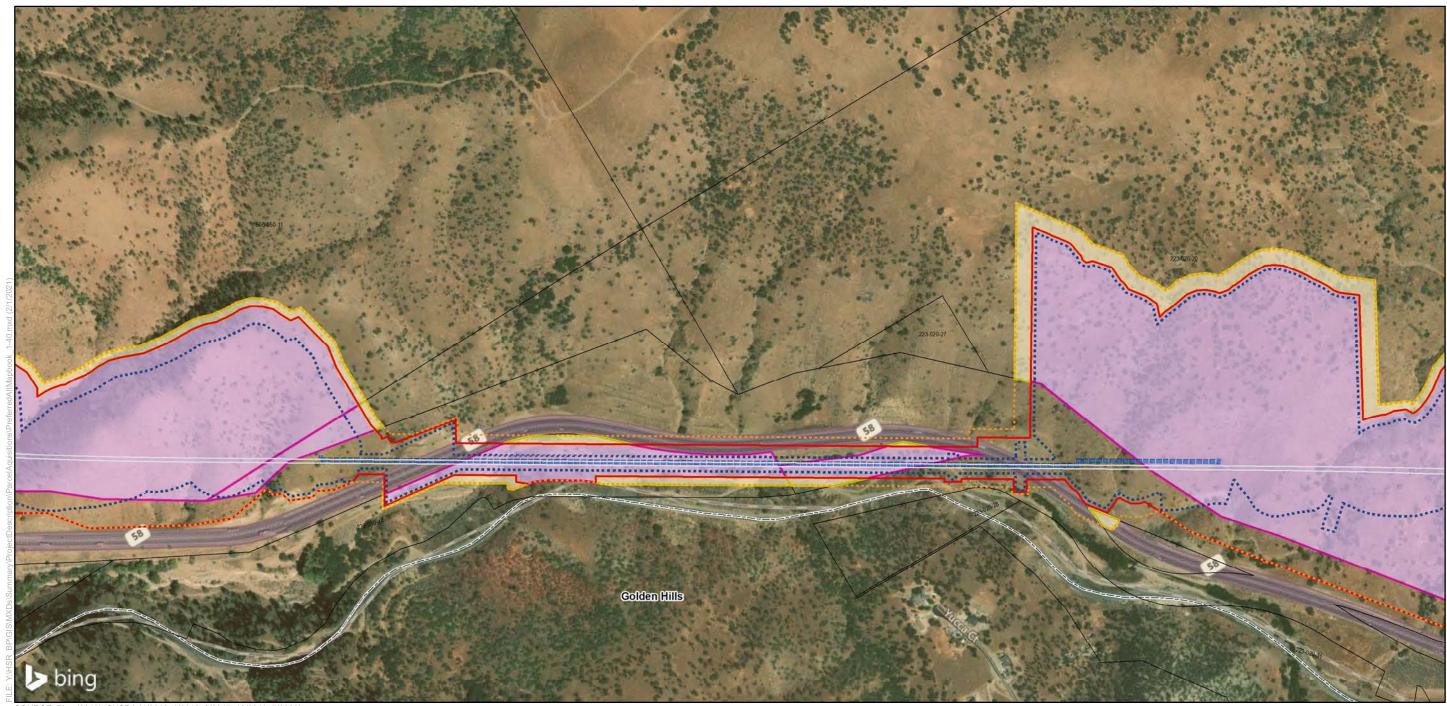
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



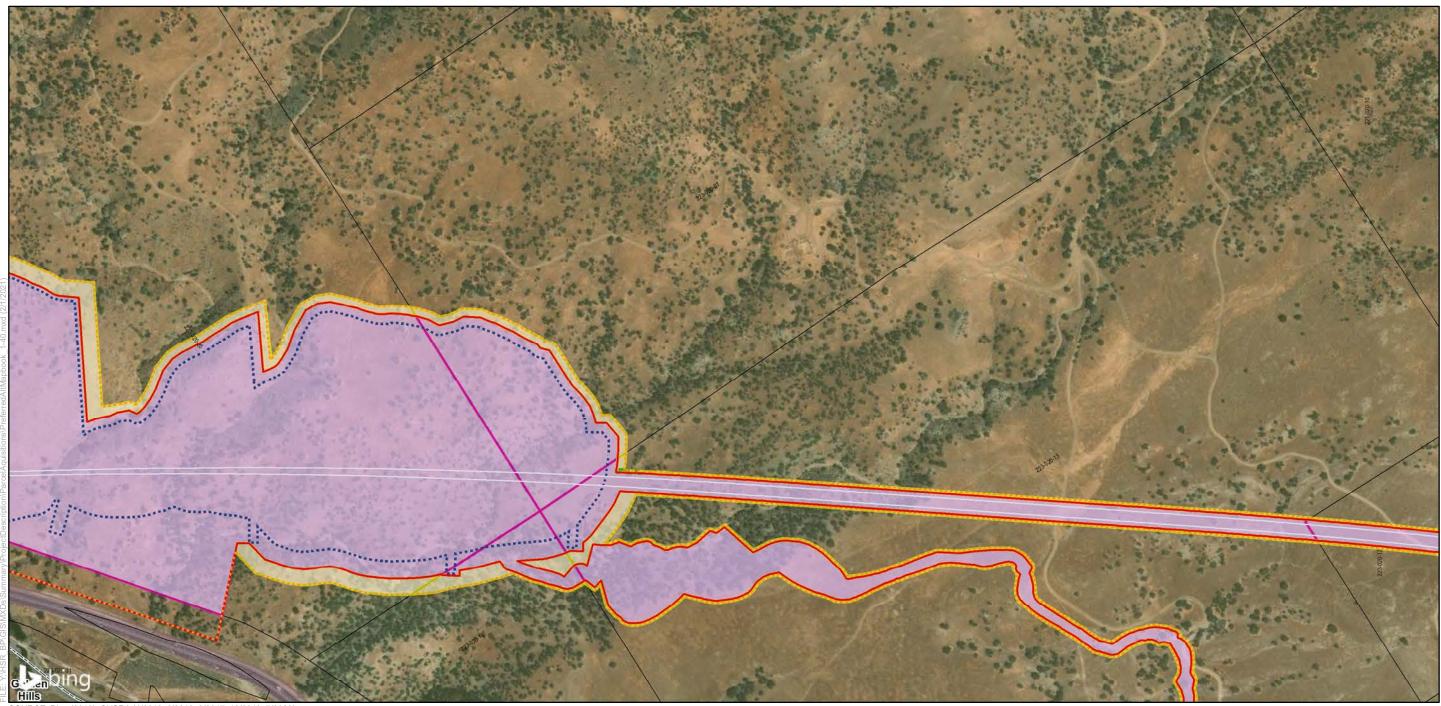
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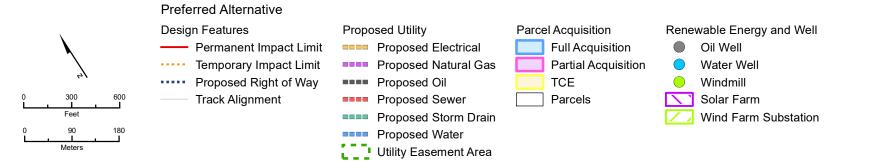
Potential Property
Acquisition and Easements
Preferred Alternative

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



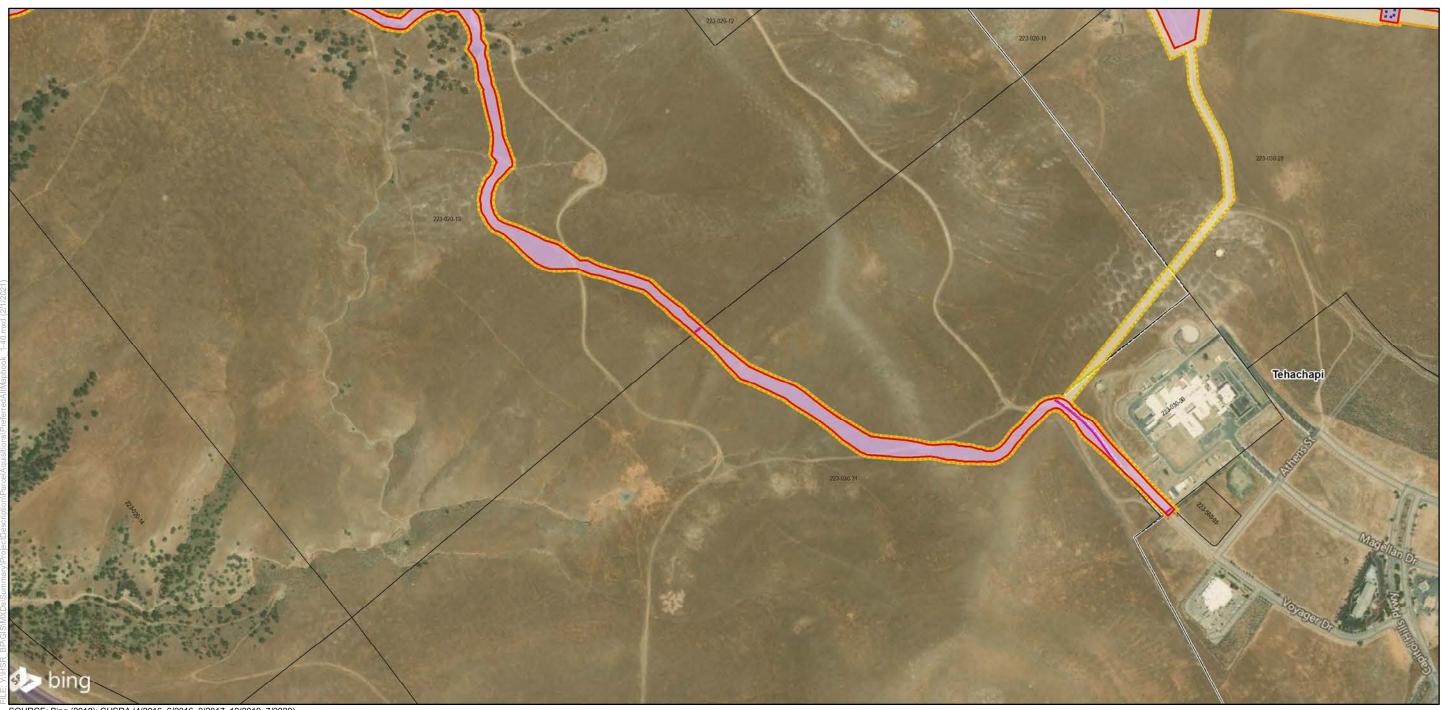
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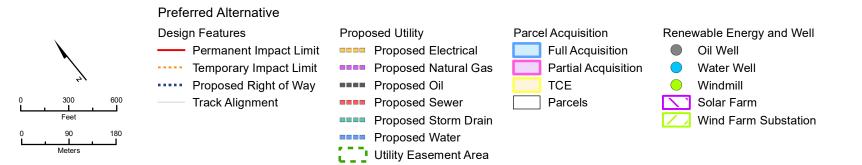
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



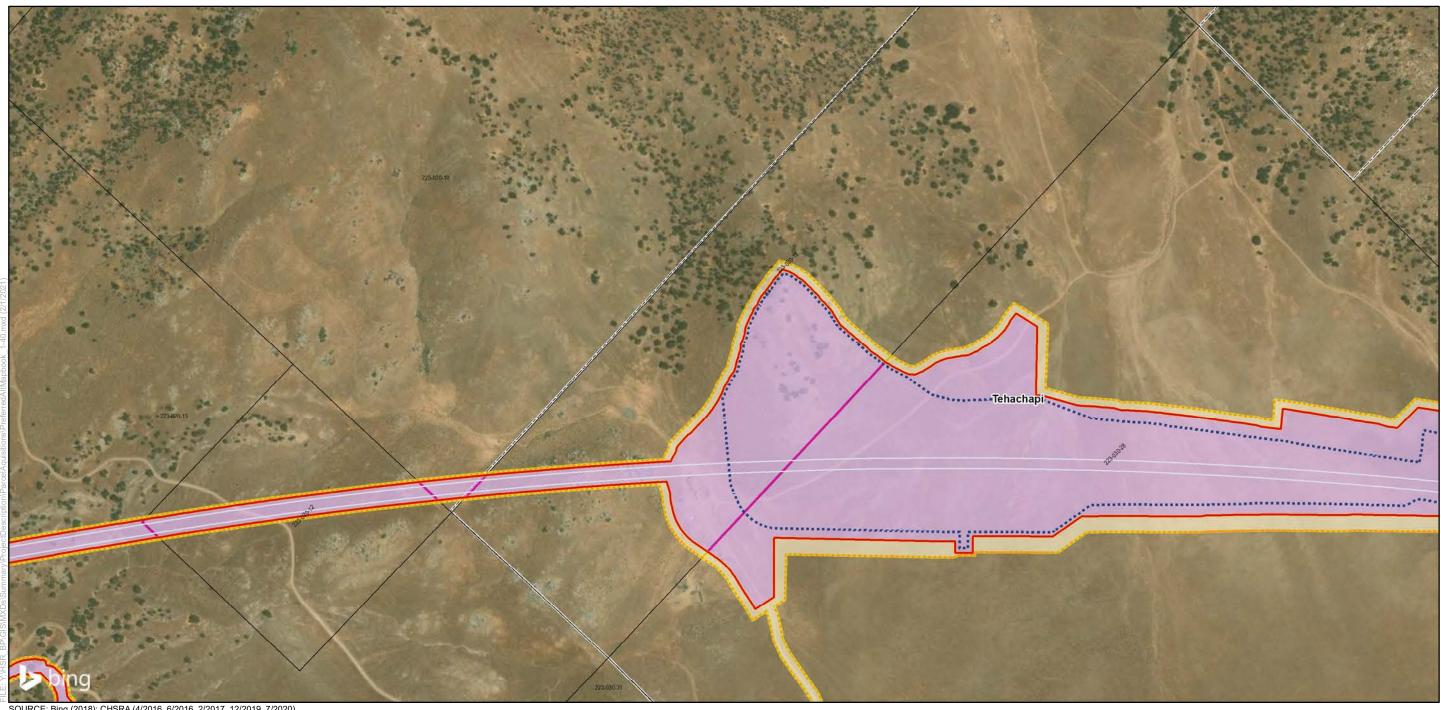
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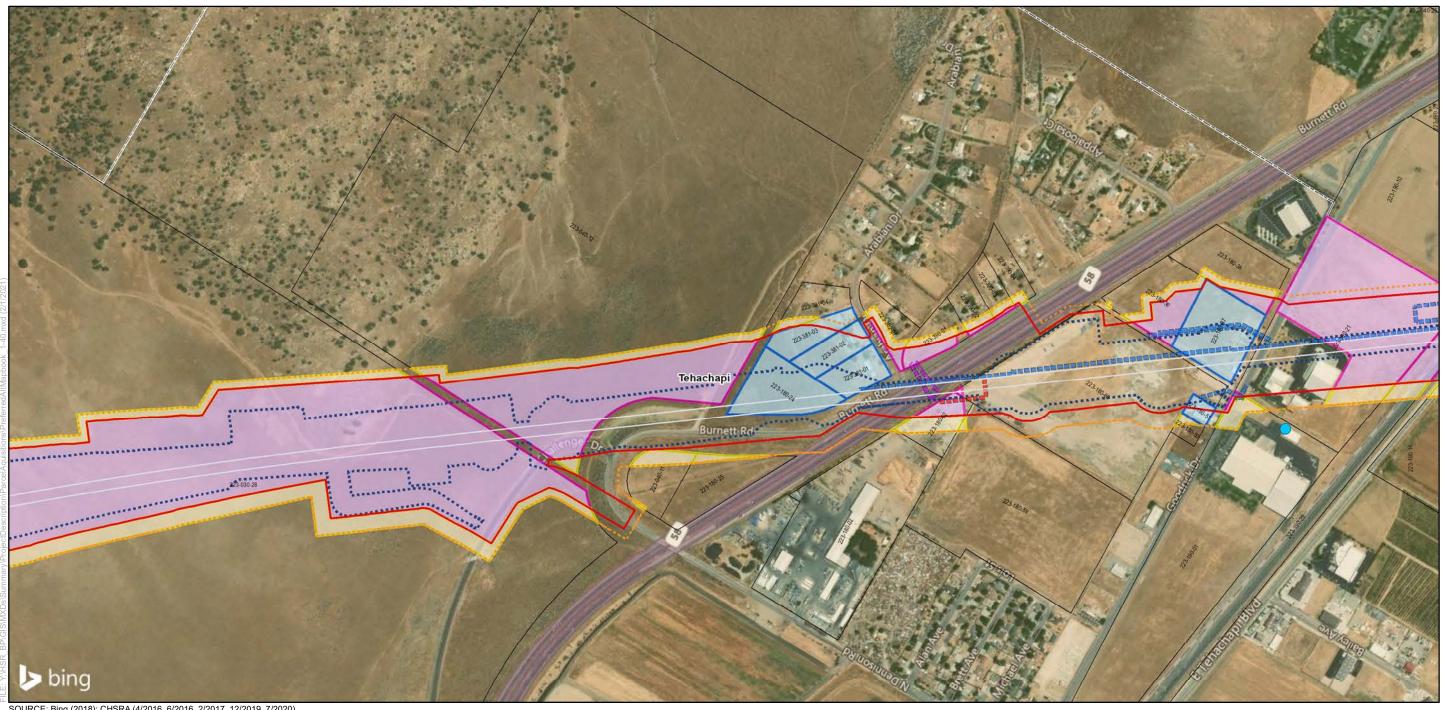
SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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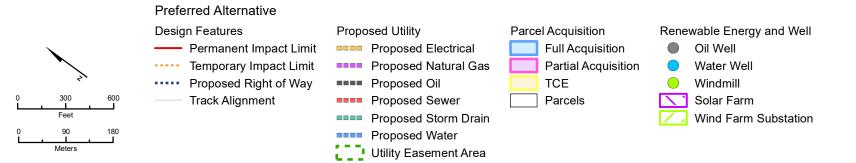
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



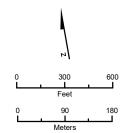
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Design Features Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility Proposed Electrical

Proposed Natural Gas Proposed Oil Proposed Sewer Proposed Storm Drain Proposed Water

Utility Easement Area

Parcel Acquisition

Full Acquisition Partial Acquisition TCE

Parcels

Oil Well

Solar Farm

Renewable Energy and Well

Water Well Windmill

✓ Wind Farm Substation

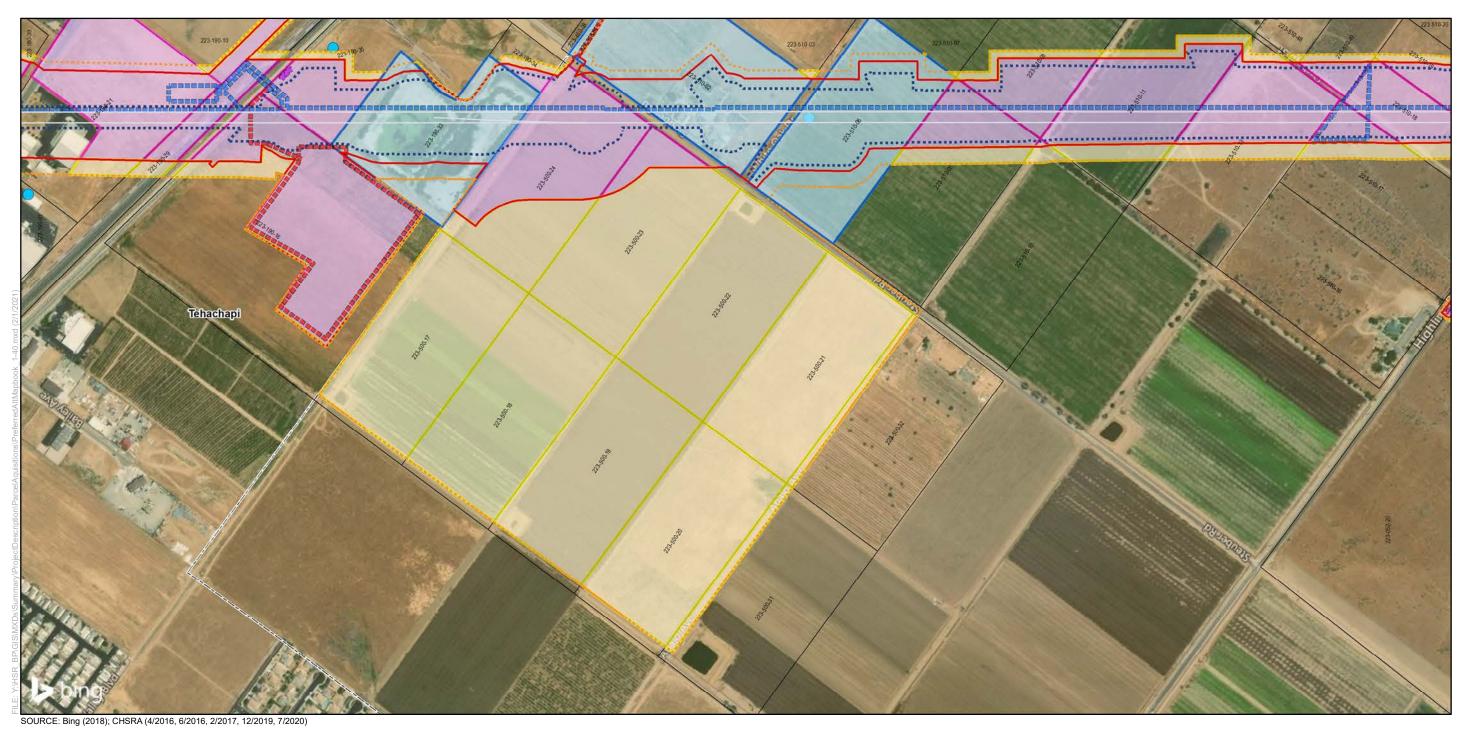
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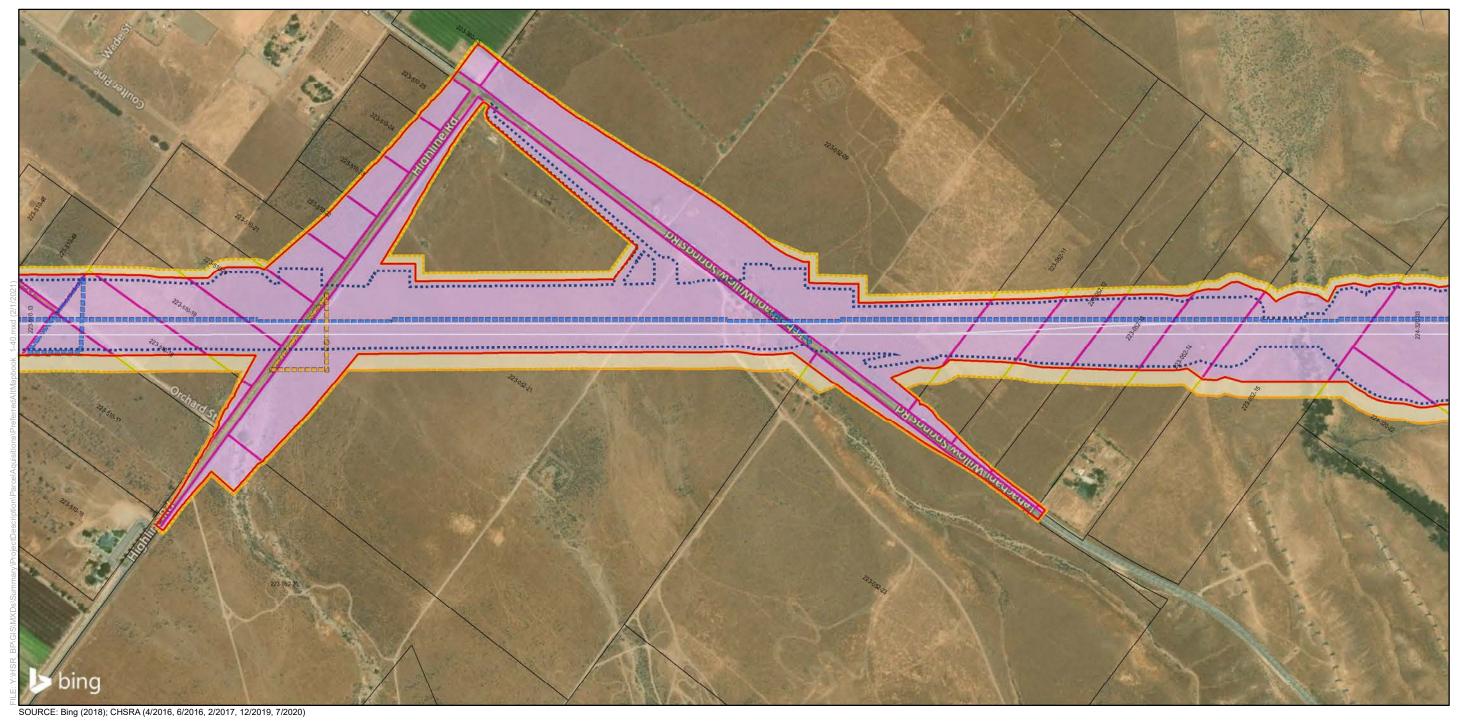
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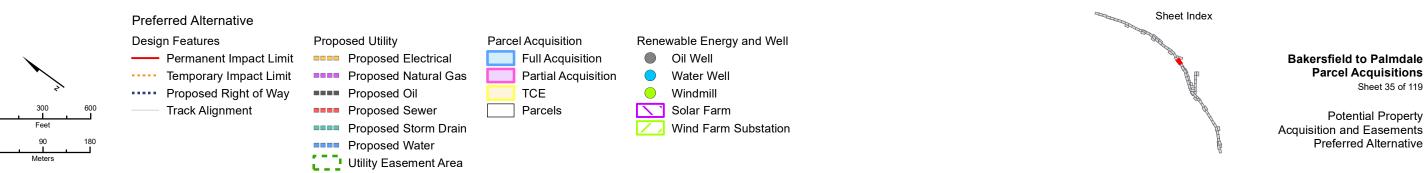
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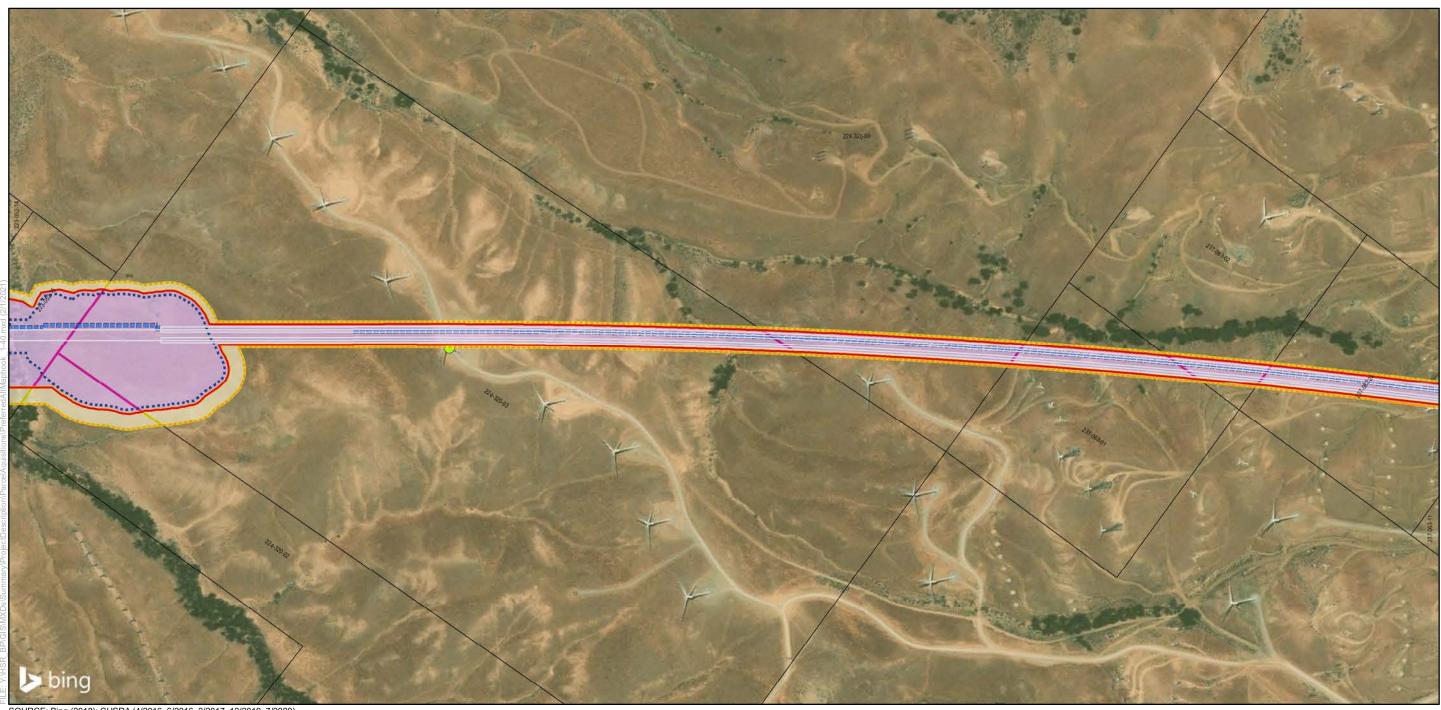


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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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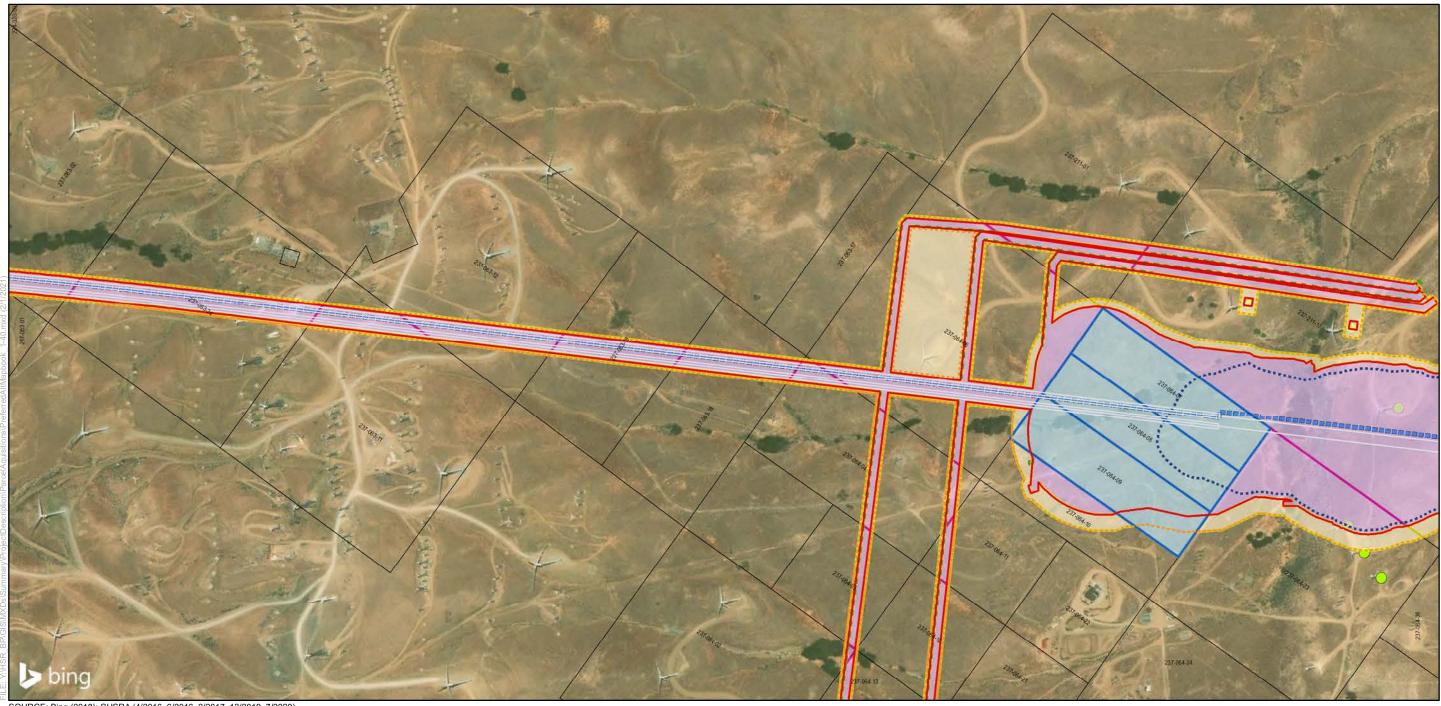
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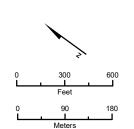
Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Preferred Alternative



Proposed Utility
Proposed Electrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer
Proposed Storm Drain
Proposed Water

Utility Easement Area

Parcel Acquisition
Full Acquisition
Partial Acquisition

Partial Acquisition
TCE
Parcels

Renewable Energy and Well

✓ Wind Farm Substation

Oil WellWater WellWindmillSolar Farm

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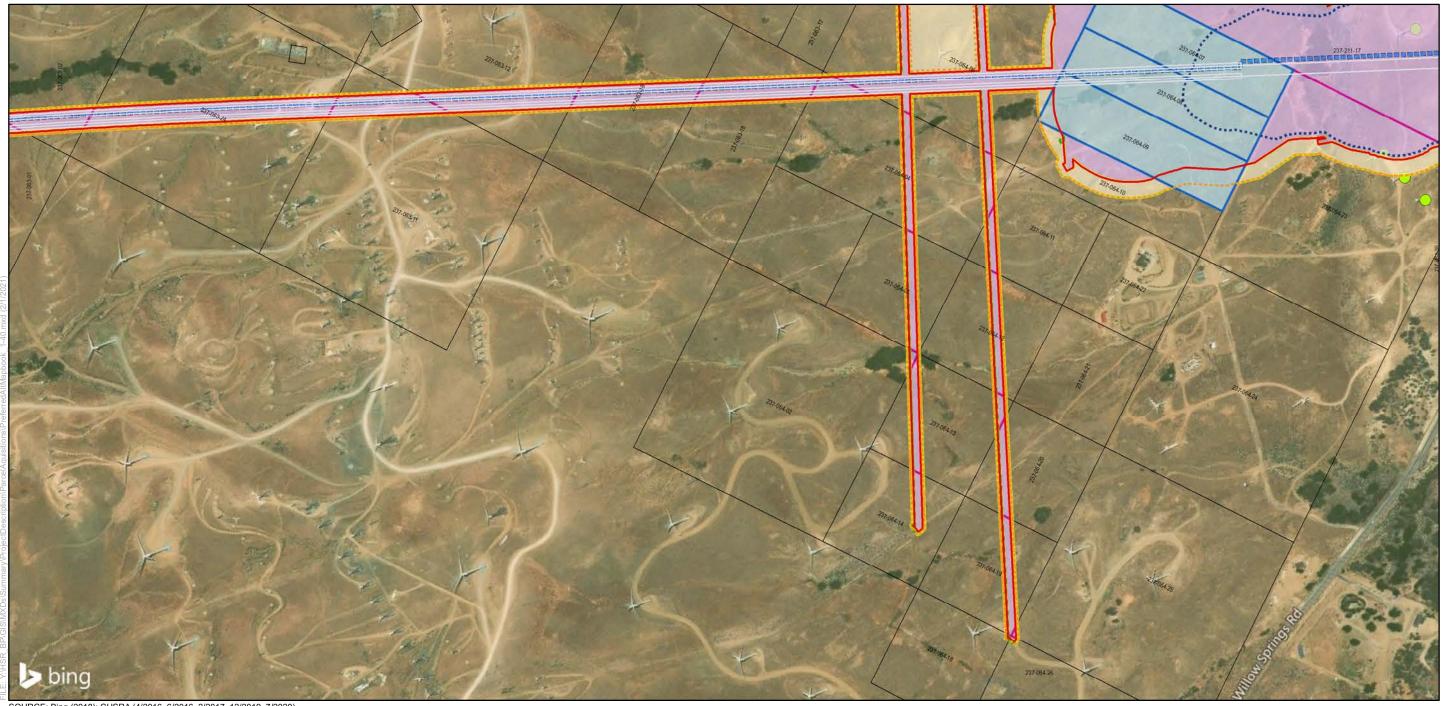
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Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



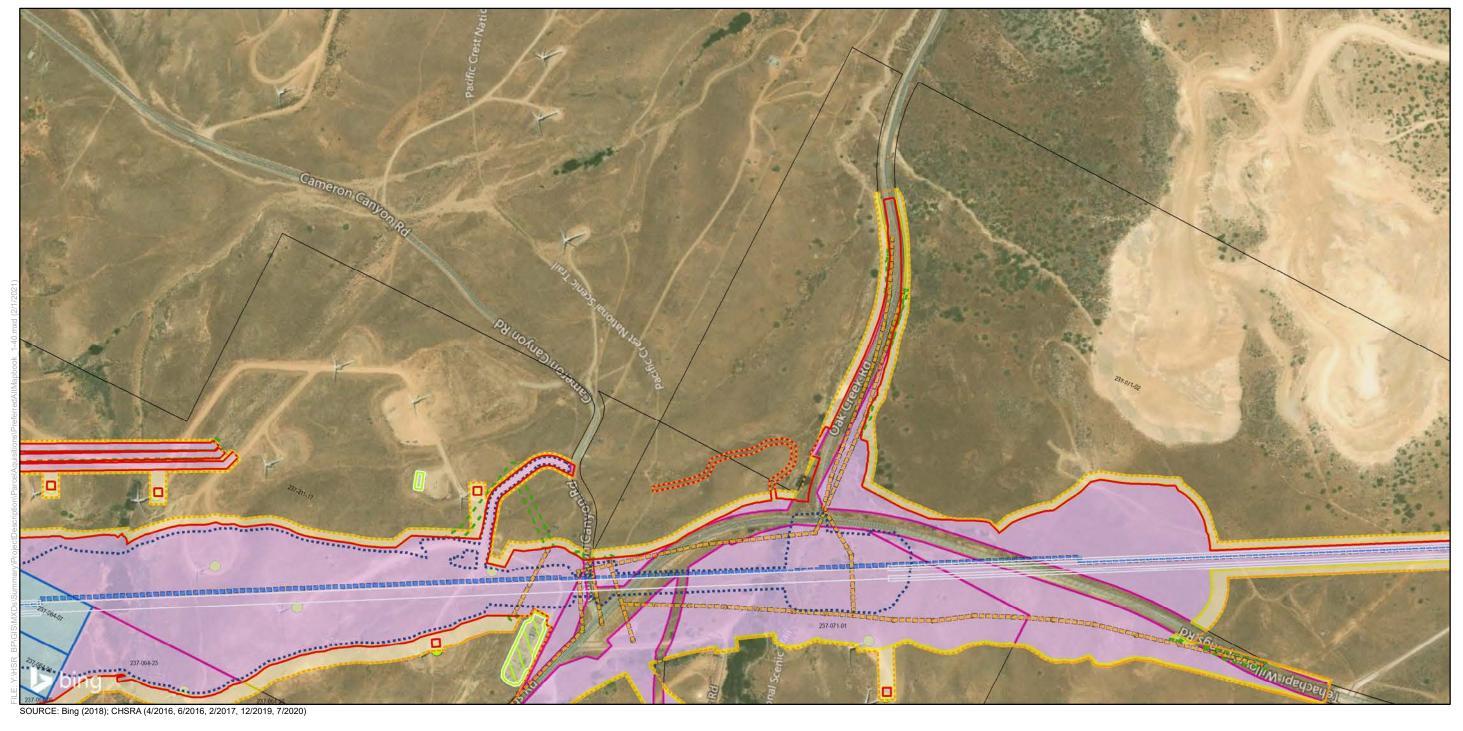
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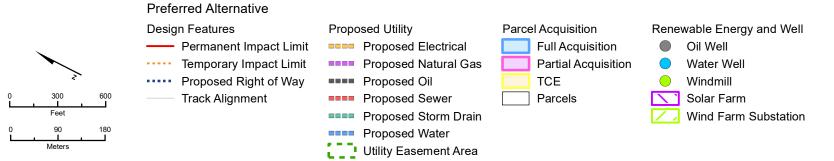
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Potential Property
Acquisition and Easements
Preferred Alternative

California High-Speed Rail Project Environmental Document







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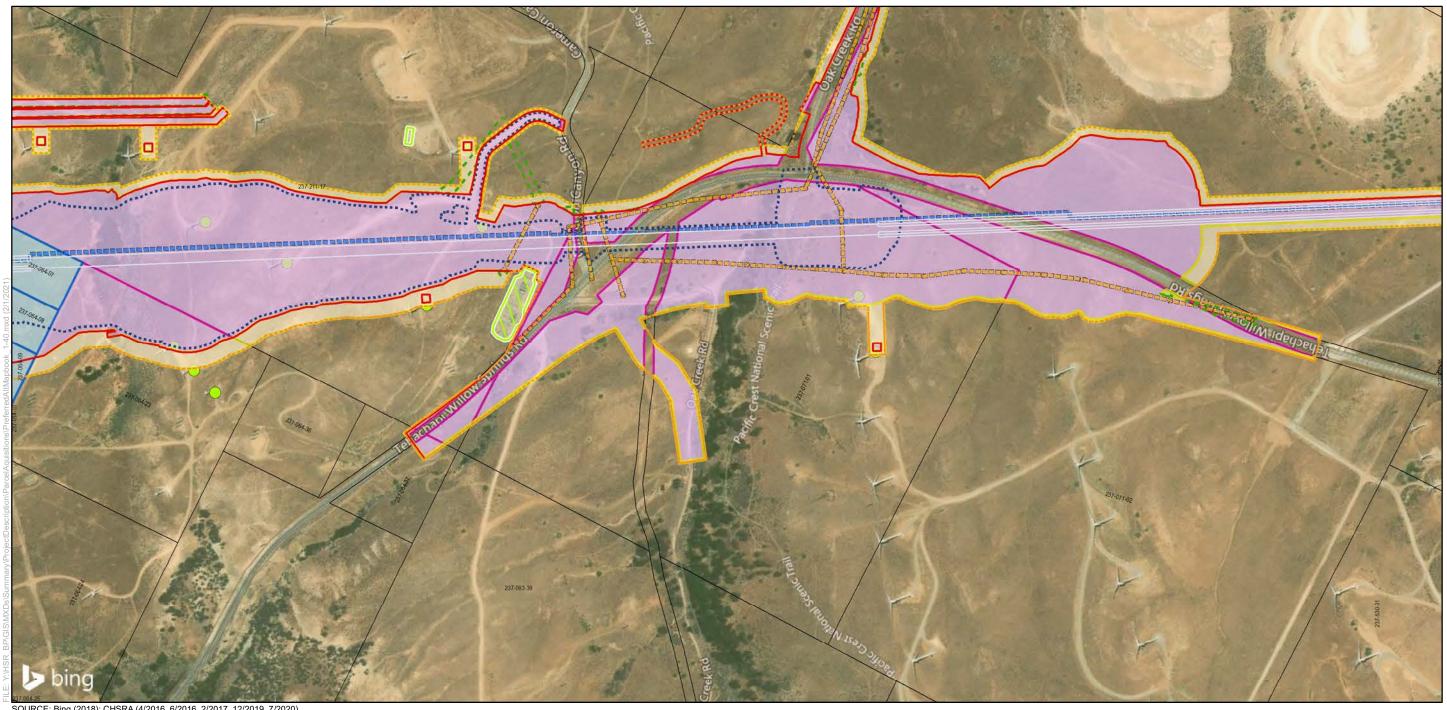
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California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Design Features Renewable Energy and Well Proposed Utility Parcel Acquisition Proposed Electrical --- Permanent Impact Limit Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Parcels Solar Farm Proposed Sewer Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water

Utility Easement Area

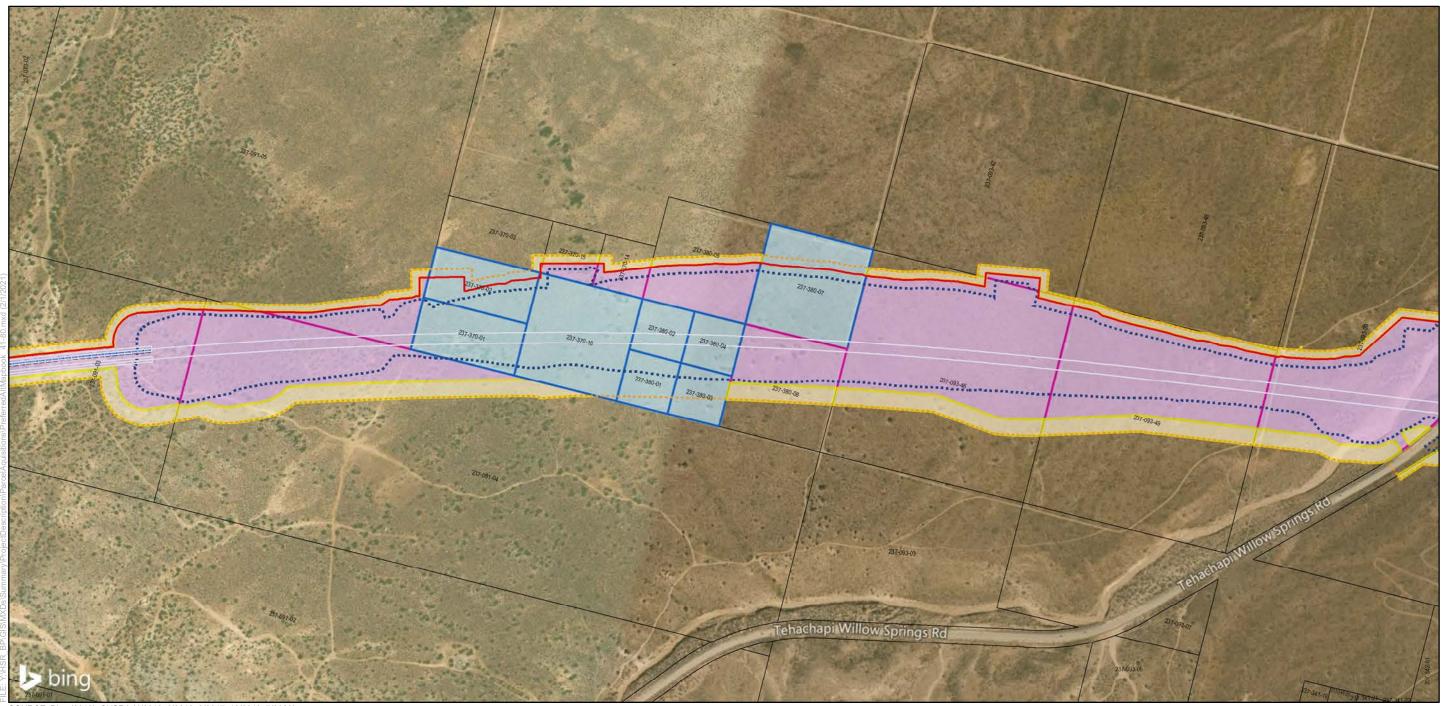
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Potential Property Acquisition and Easements Preferred Alternative

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



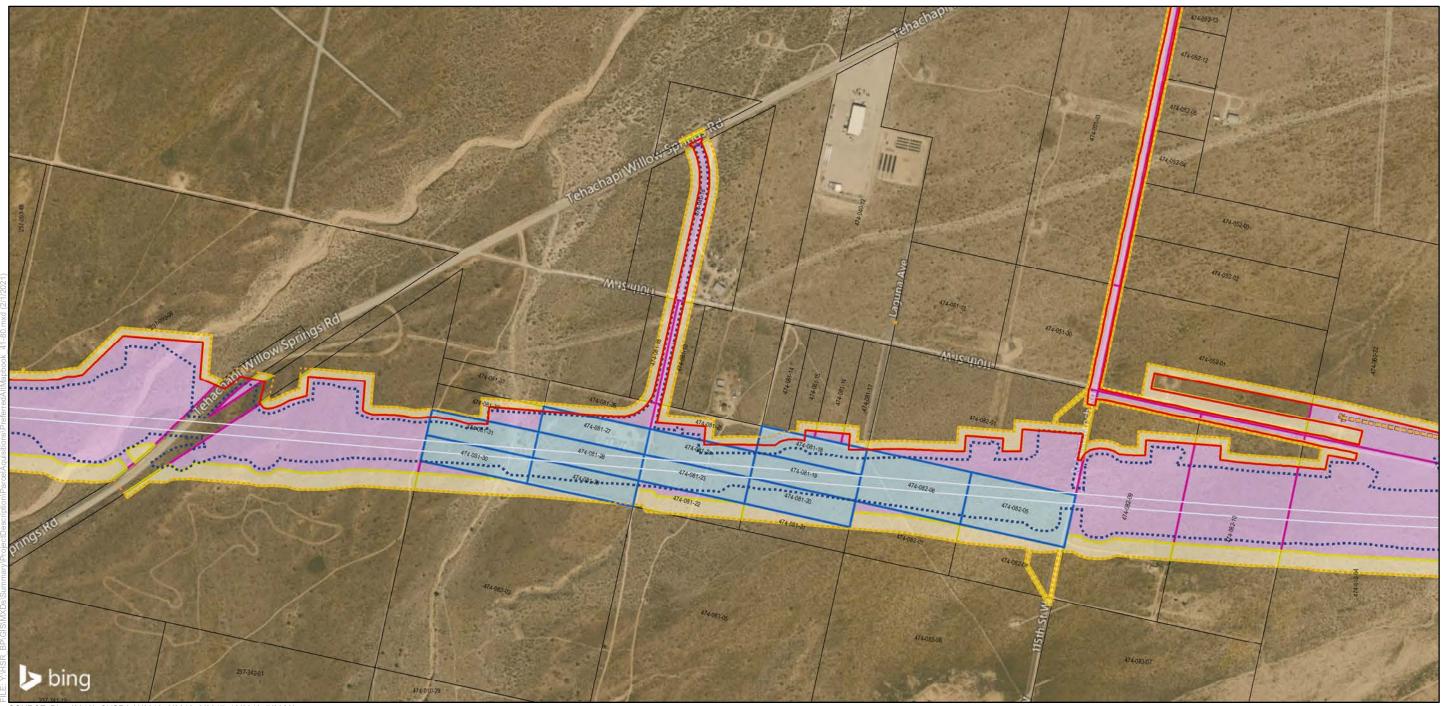
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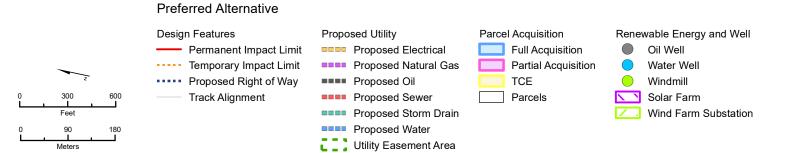
Potential Property
Acquisition and Easements
Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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Bakersfield to Palmdale Parcel Acquisitions Sheet 43 of 119

Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Design Features Renewable Energy and Well Proposed Utility Parcel Acquisition --- Permanent Impact Limit Proposed Electrical Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Solar Farm Proposed Sewer Parcels Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water

Utility Easement Area

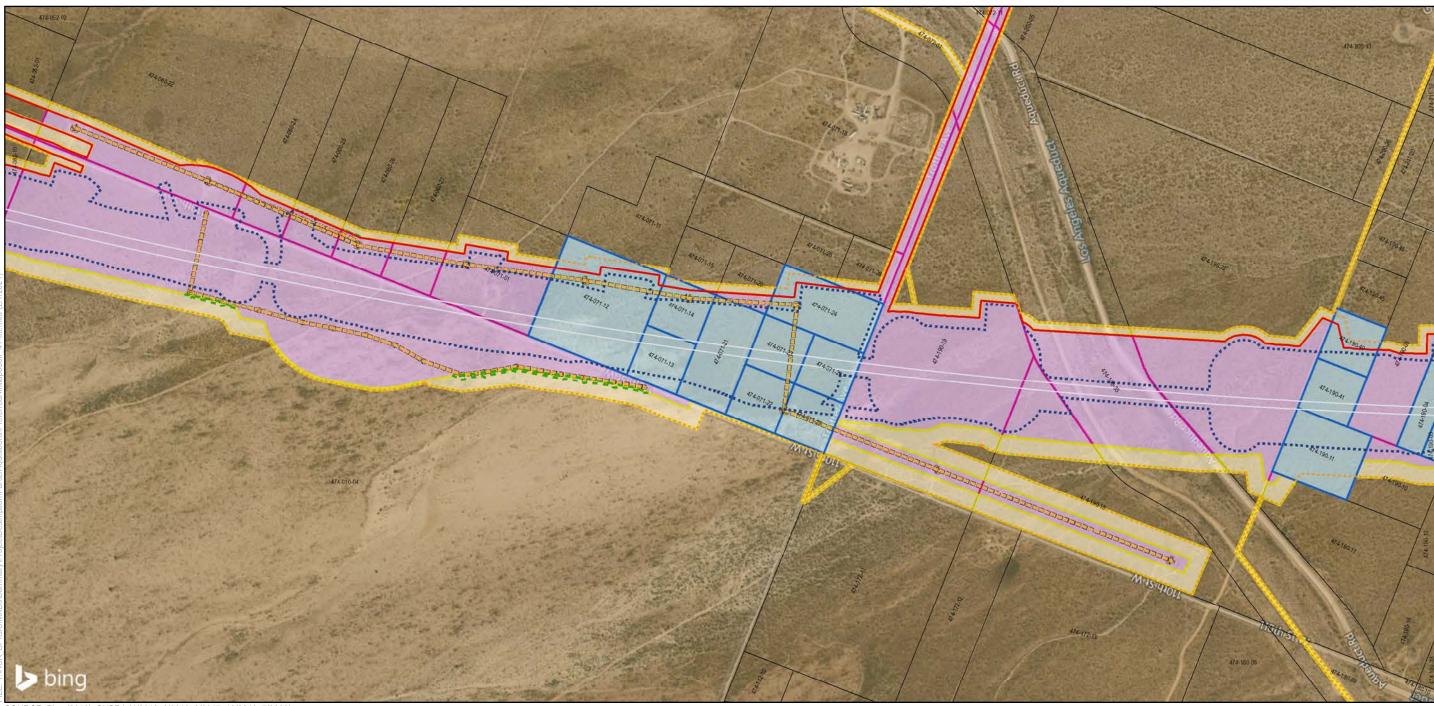
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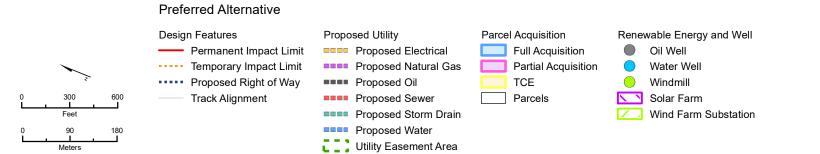
Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



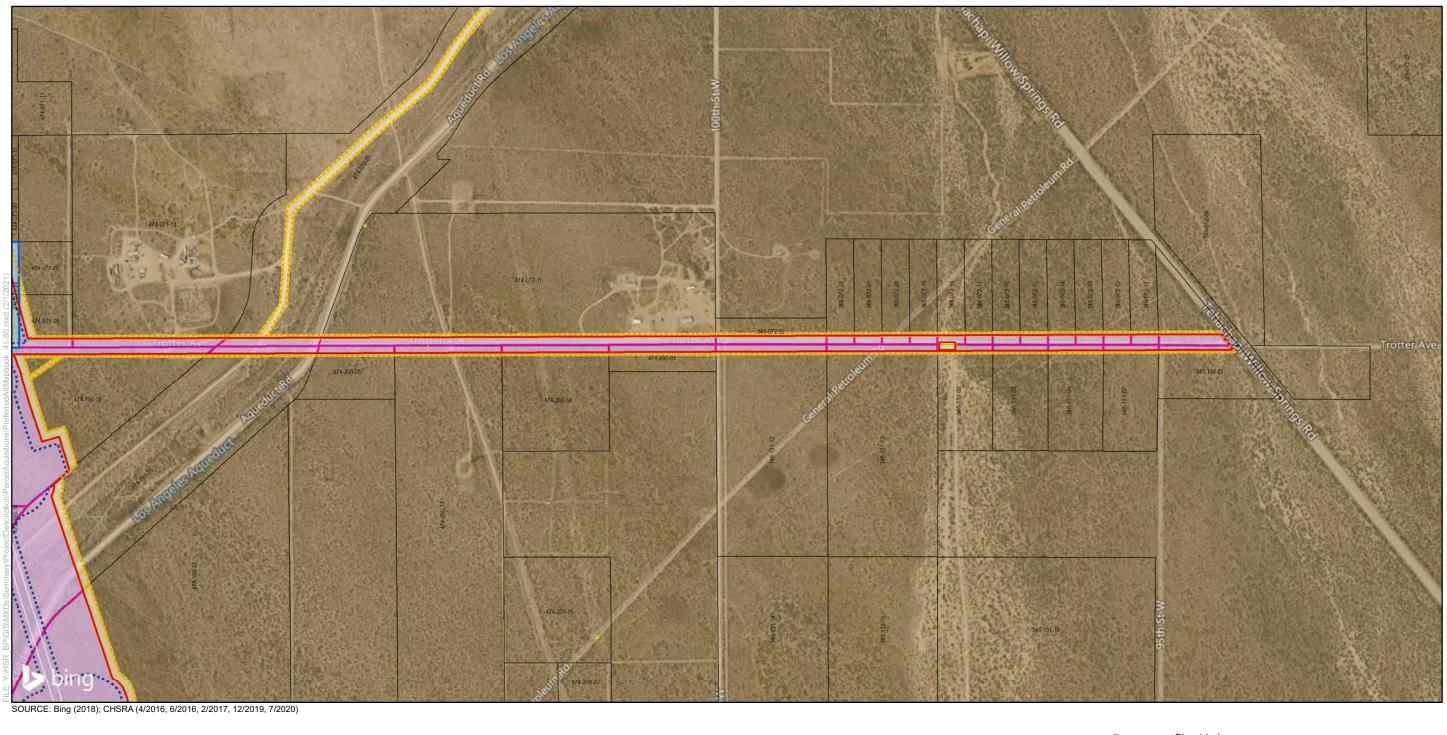
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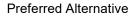
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Parcel Acquisitions
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Potential Property
Acquisition and Easements
Preferred Alternative

California High-Speed Rail Project Environmental Document









Proposed Utility

Proposed Electrical Proposed Natural Gas Proposed Oil Proposed Sewer Proposed Storm Drain

Parcel Acquisition

Full Acquisition Partial Acquisition TCE Parcels

Renewable Energy and Well

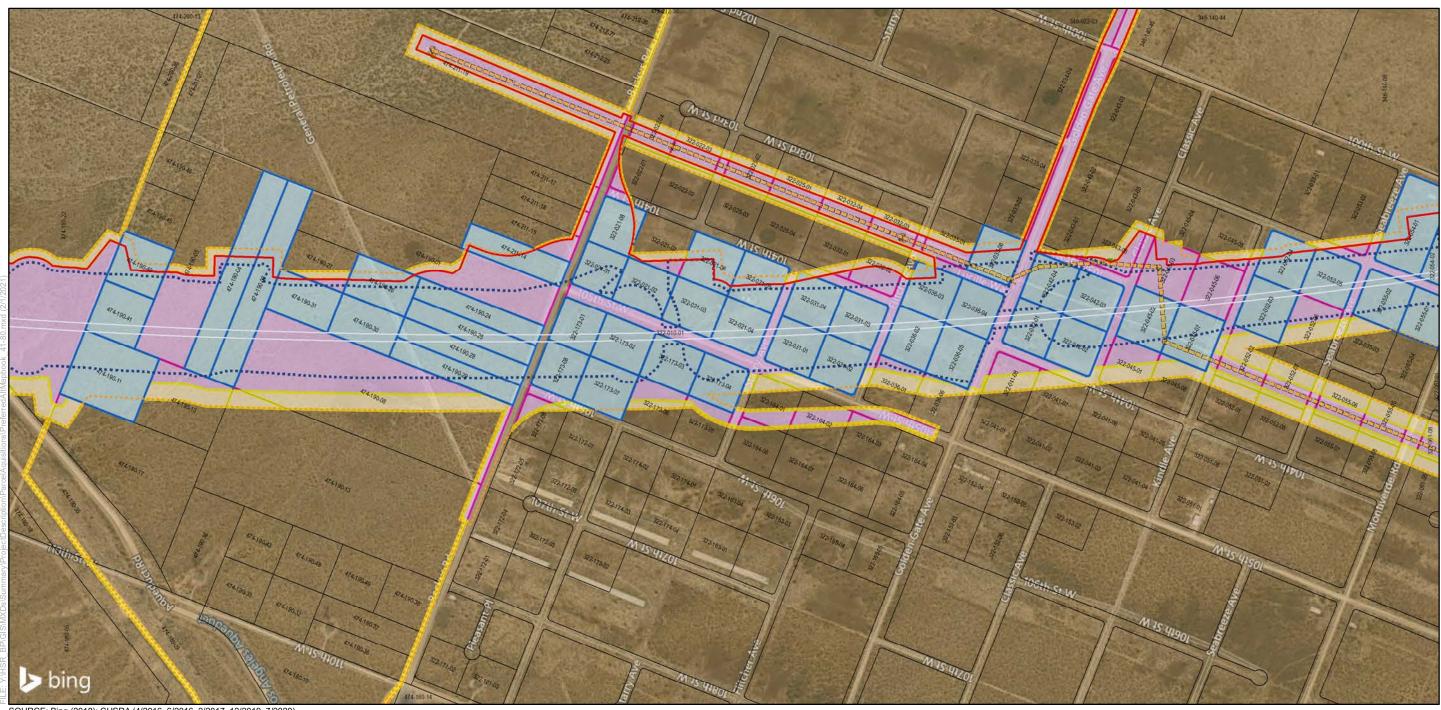
Oil Well Water Well Windmill Solar Farm ✓ ✓ Wind Farm Substation Sheet Index

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California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



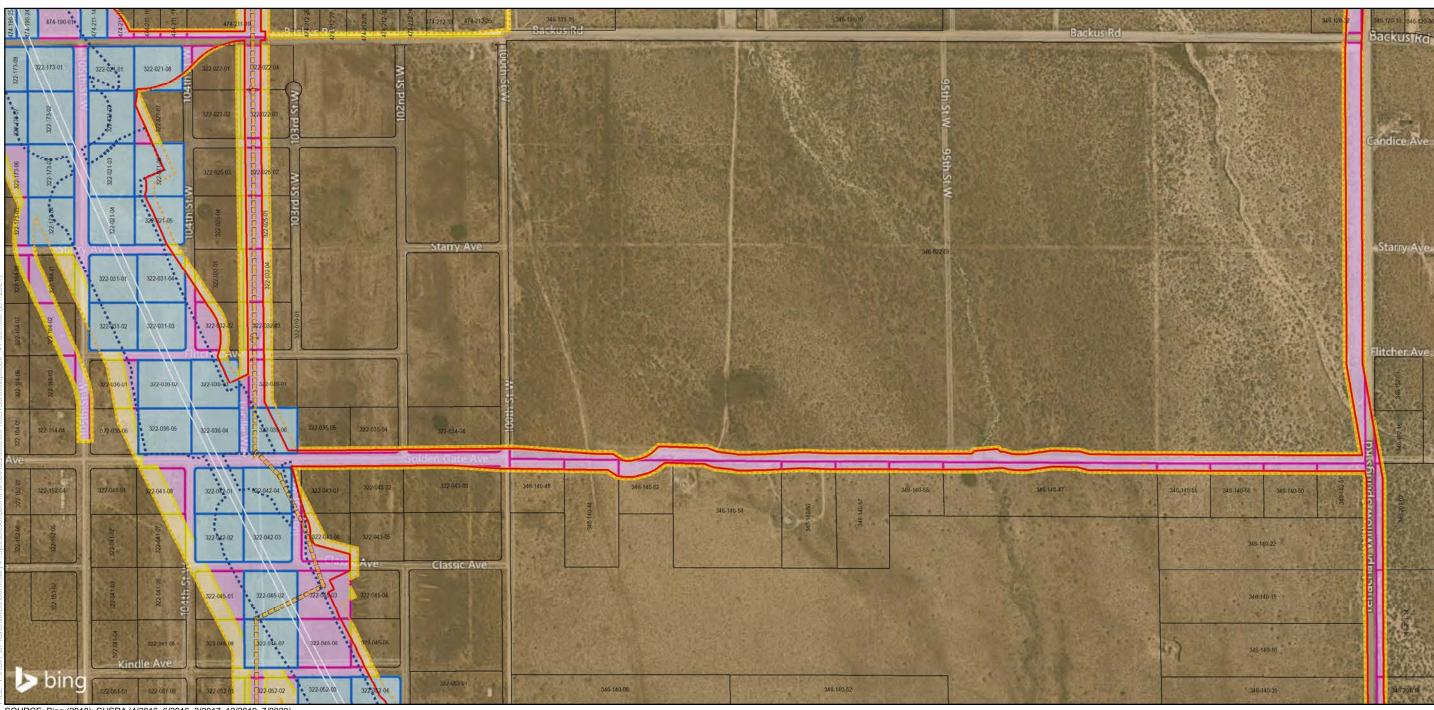
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Potential Property
Acquisition and Easements
Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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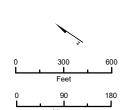
Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document









Design Features

--- Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility

Proposed Electrical Proposed Natural Gas Proposed Oil Proposed Sewer Proposed Storm Drain

Proposed Water

Utility Easement Area

Parcel Acquisition

Parcels

Full Acquisition Partial Acquisition TCE

Renewable Energy and Well Oil Well

Water Well Windmill Solar Farm

✓ ✓ Wind Farm Substation

Bakersfield to Palmdale **Parcel Acquisitions** Sheet 49 of 119

Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

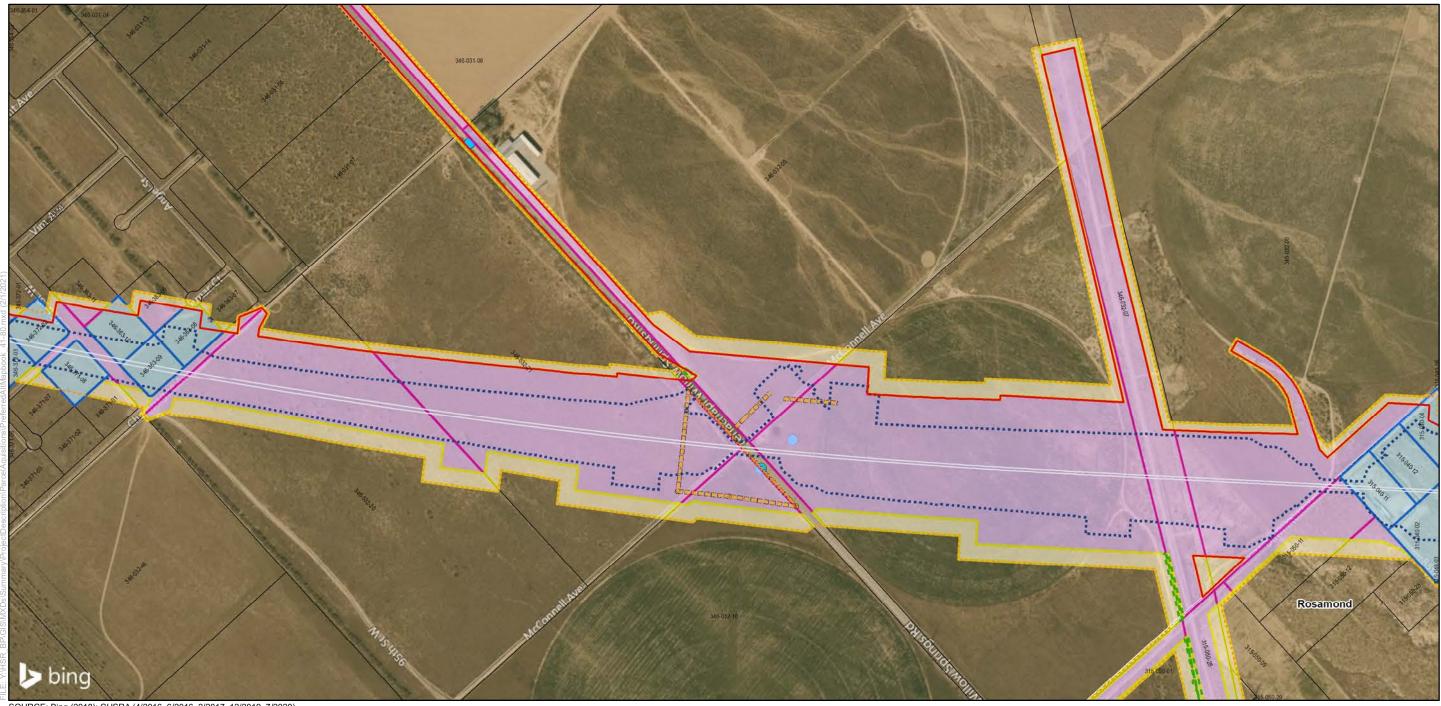
Preferred Alternative Design Features Renewable Energy and Well Proposed Utility Parcel Acquisition --- Permanent Impact Limit Proposed Electrical Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Solar Farm Proposed Sewer Parcels Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water Utility Easement Area

Bakersfield to Palmdale
Parcel Acquisitions
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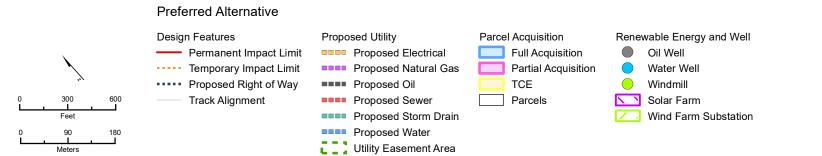
Potential Property
Acquisition and Easements
Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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Potential Property
Acquisition and Easements
Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

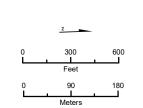
Preferred Alternative

Temporary Impact Limit

Proposed Right of Way

Track Alignment

Design Features



Proposed Utility --- Permanent Impact Limit

Proposed Oil

Proposed Sewer

Proposed Water

Proposed Storm Drain

Utility Easement Area

Proposed Electrical Proposed Natural Gas

Full Acquisition Partial Acquisition TCE Parcels

Parcel Acquisition

Renewable Energy and Well Oil Well Water Well Windmill

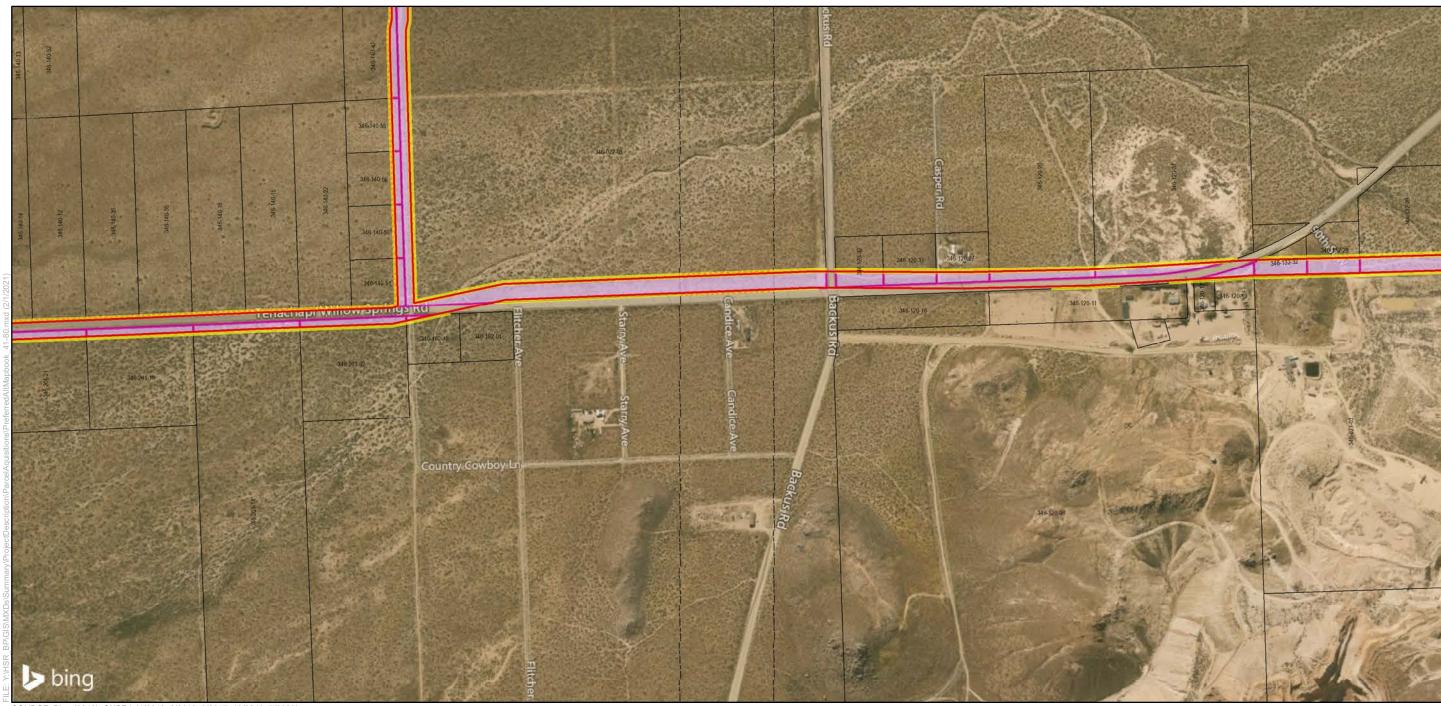
Solar Farm ✓ ✓ Wind Farm Substation Sheet Index

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Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Design Features Proposed Utility --- Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Proposed Oil Track Alignment

Preferred Alternative

Proposed Electrical

Proposed Storm Drain

Utility Easement Area

Proposed Water

Full Acquisition Proposed Natural Gas Partial Acquisition TCE Proposed Sewer

Parcels

Parcel Acquisition

Renewable Energy and Well Oil Well Water Well Windmill

✓ ✓ Wind Farm Substation

Solar Farm

Sheet Index

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Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Design Features Renewable Energy and Well Proposed Utility Parcel Acquisition --- Permanent Impact Limit Proposed Electrical Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Parcels Solar Farm Proposed Sewer Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water

Utility Easement Area

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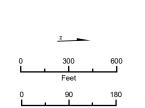
Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Preferred Alternative

Design Features Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility

Proposed Electrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer
Proposed Storm Drain

Proposed Water

Utility Easement Area

Parcel Acquisition

Full Acquisition
Partial Acquisition
TCE
Parcels

Renewable Energy and Well Oil Well

Water Well
Windmill
Solar Farm
Wind Farm Substation

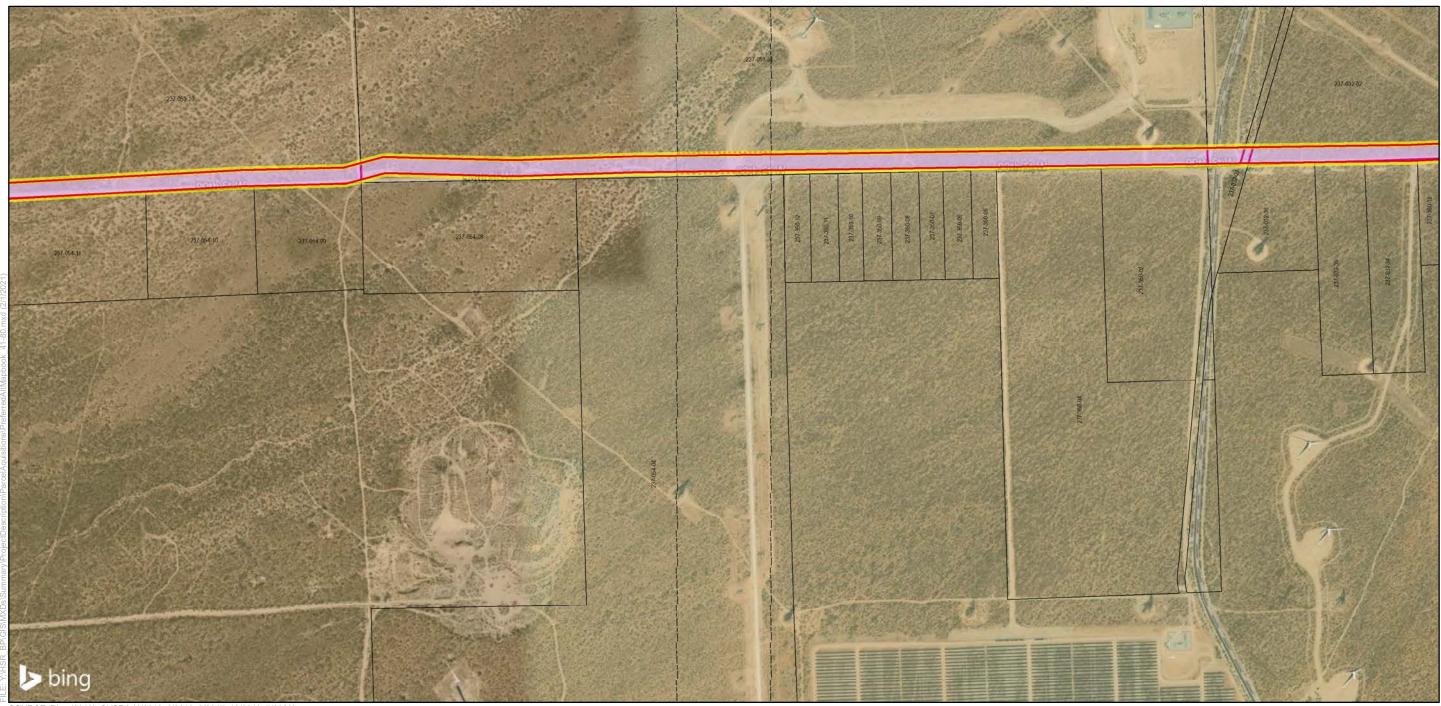


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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Design Features Renewable Energy and Well Proposed Utility Parcel Acquisition --- Permanent Impact Limit Proposed Electrical Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Solar Farm Proposed Sewer Parcels Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water

Utility Easement Area

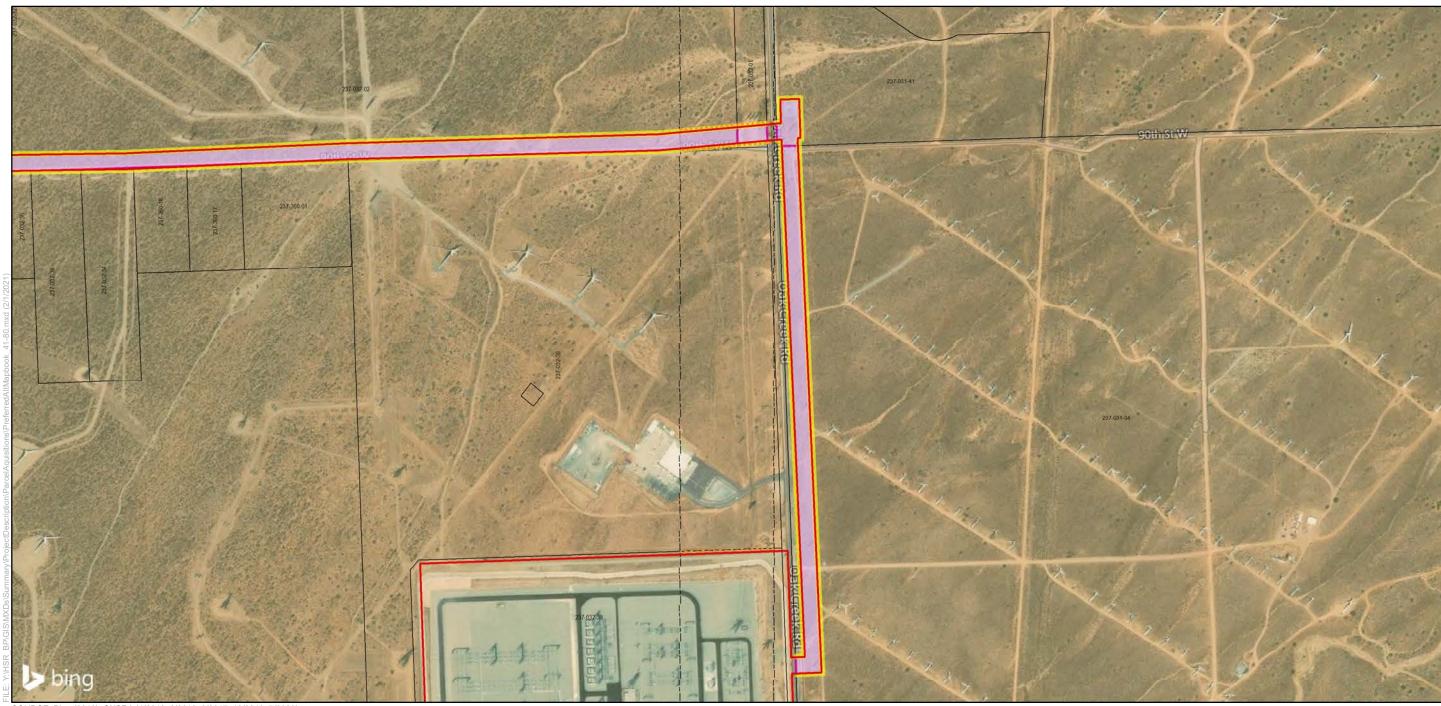
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Design Features Renewable Energy and Well Proposed Utility Parcel Acquisition --- Permanent Impact Limit Proposed Electrical Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Parcels Solar Farm Proposed Sewer Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water

Utility Easement Area

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Design Features Renewable Energy and Well Proposed Utility Parcel Acquisition --- Permanent Impact Limit Proposed Electrical Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Solar Farm Proposed Sewer Parcels Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water

Utility Easement Area

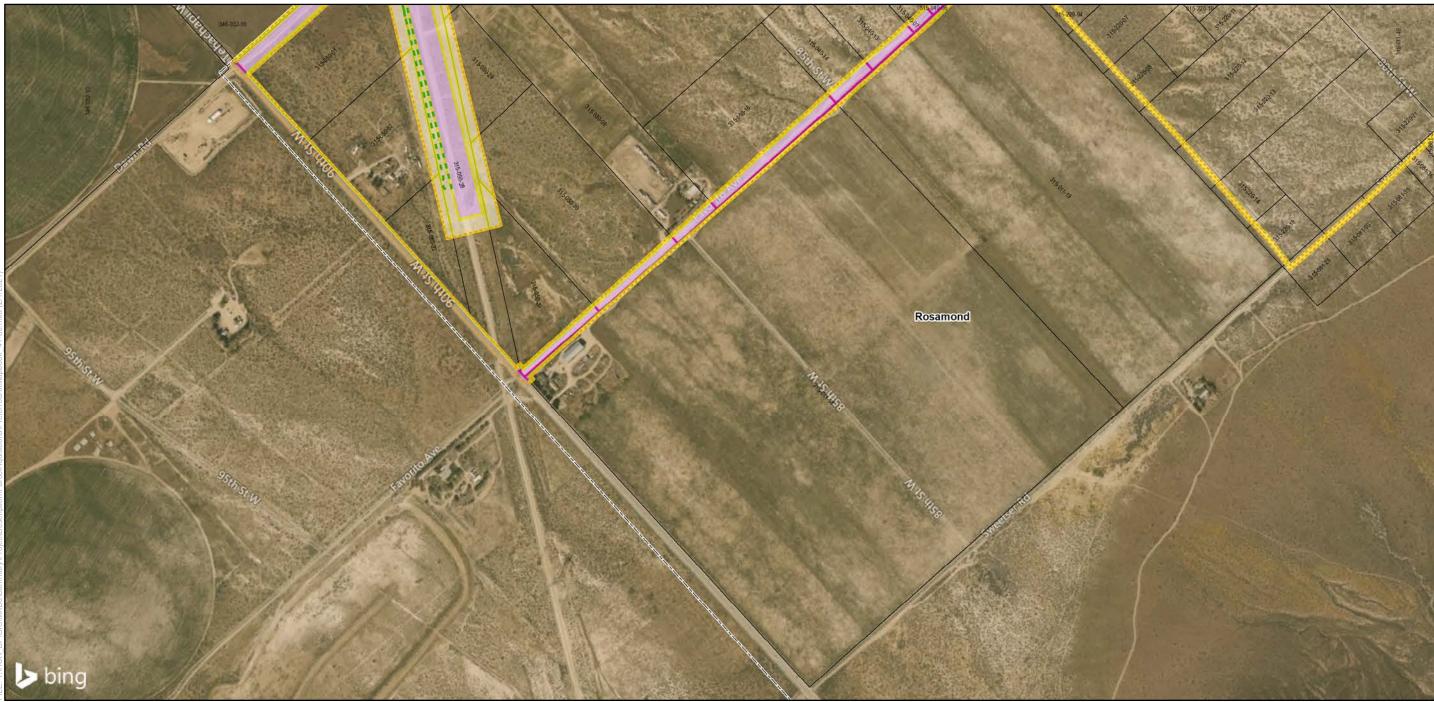
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Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

0 300 600 Feet 0 90 180

Preferred Alternative



Proposed Utility

Proposed Electrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer
Proposed Storm Drain

Proposed Water

Utility Easement Area

Parcel Acquisition Full Acquisition

Partial Acquisition
TCE
Parcels

Renewable Energy and Well

Oil Well
Water Well
Windmill
Solar Farm
Wind Farm Substation

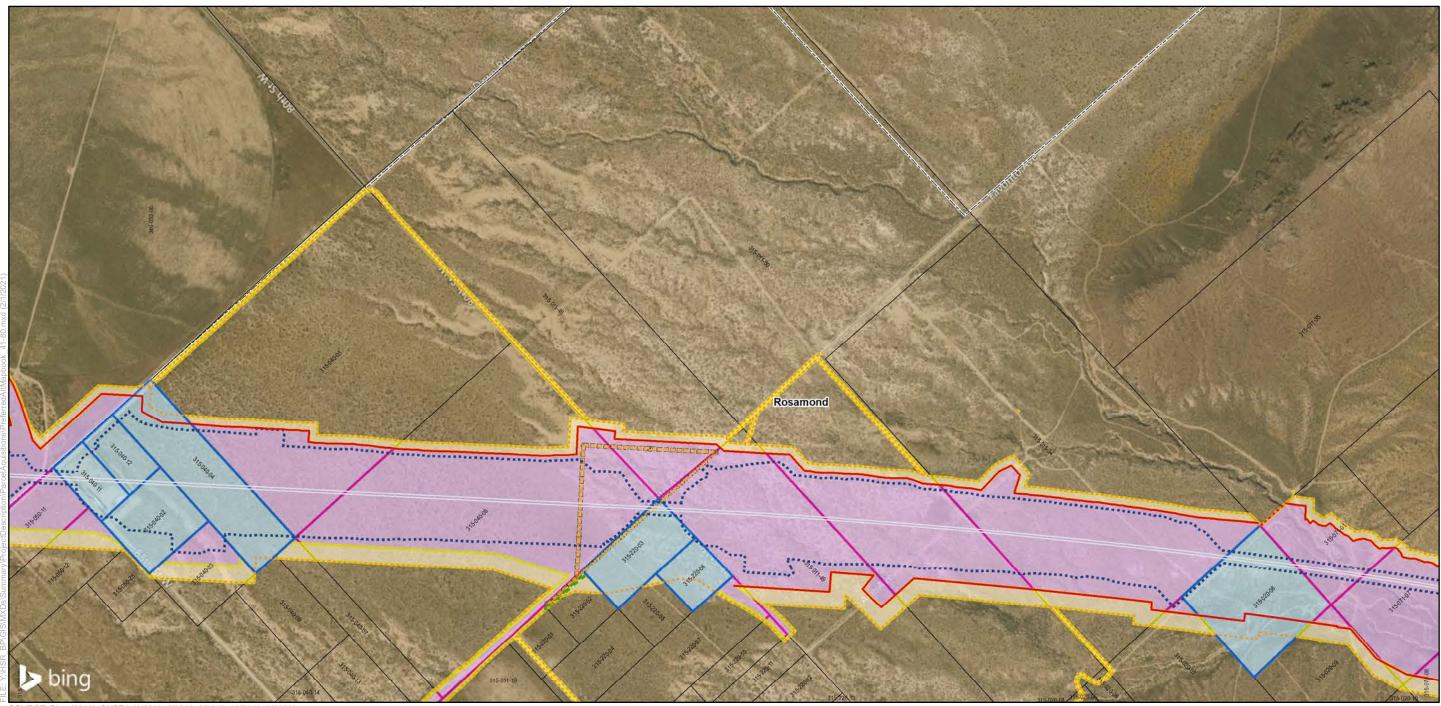
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Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document

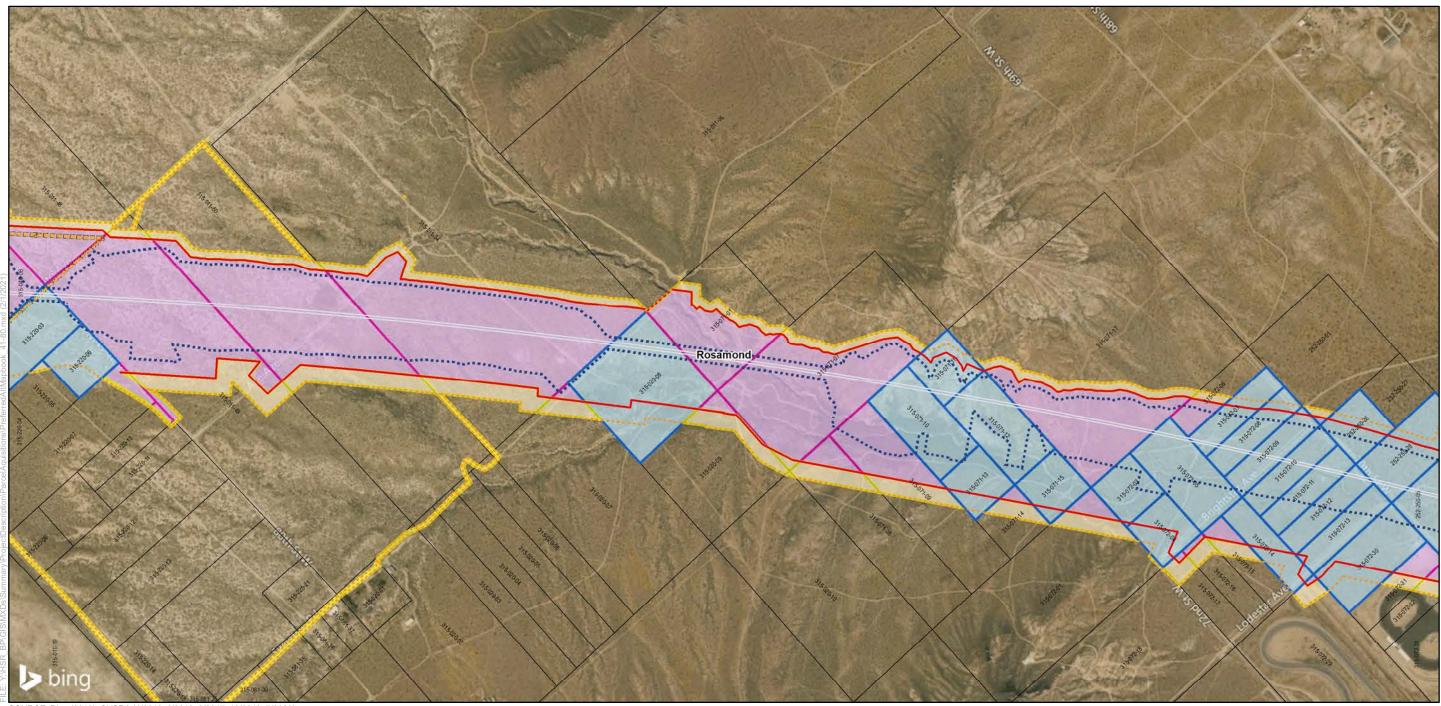




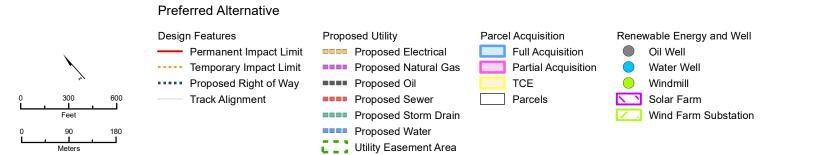
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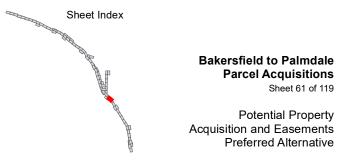




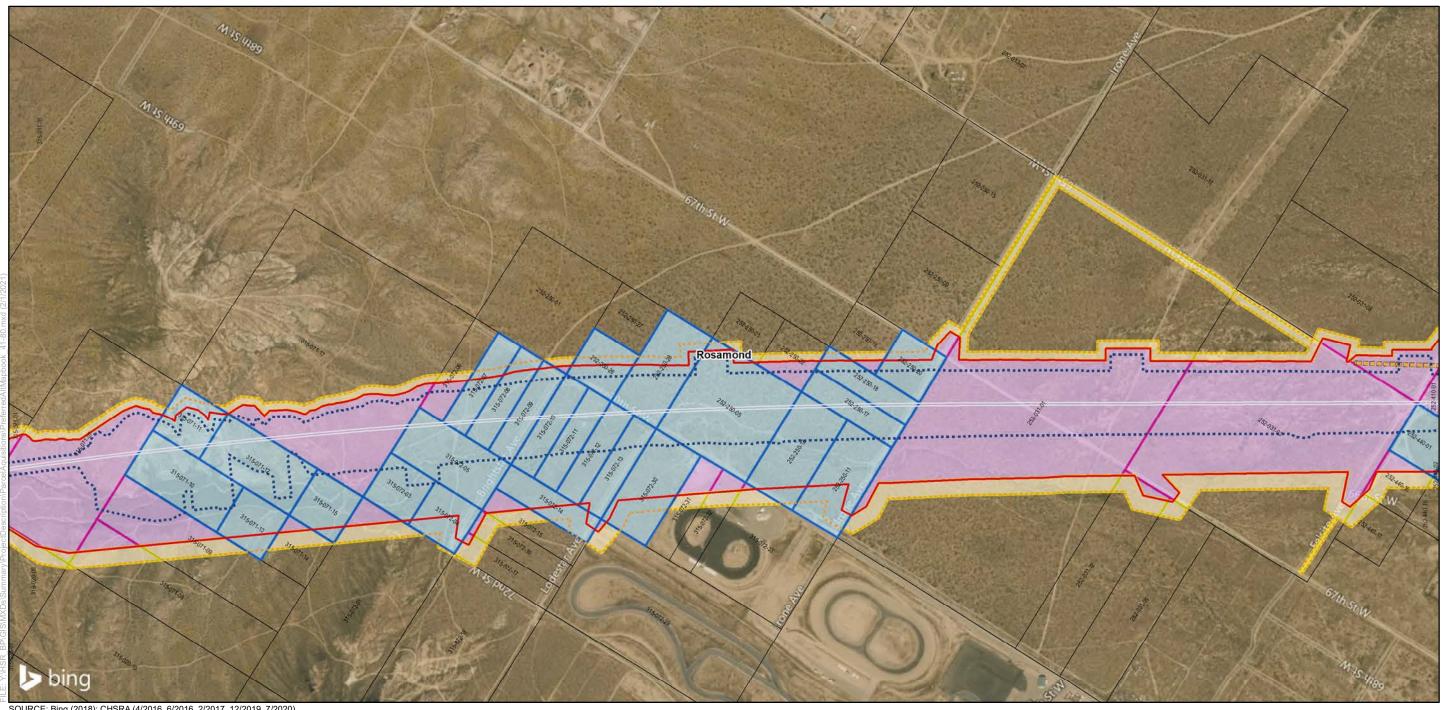


SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

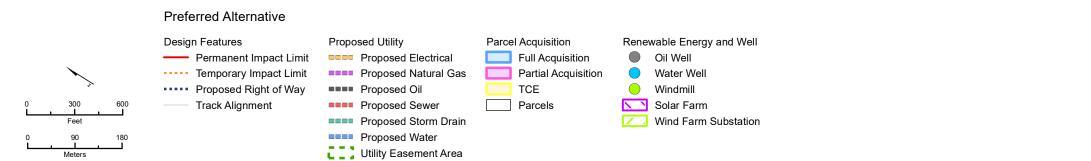








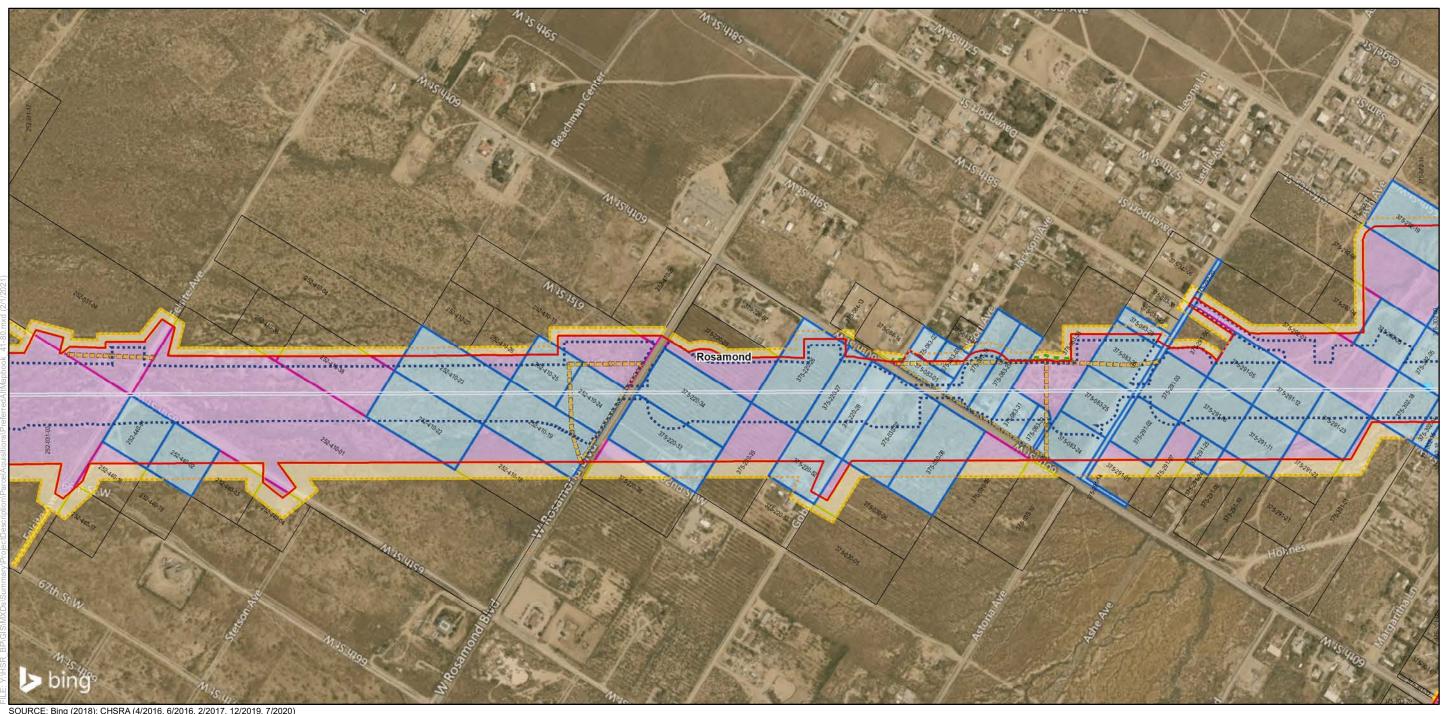
SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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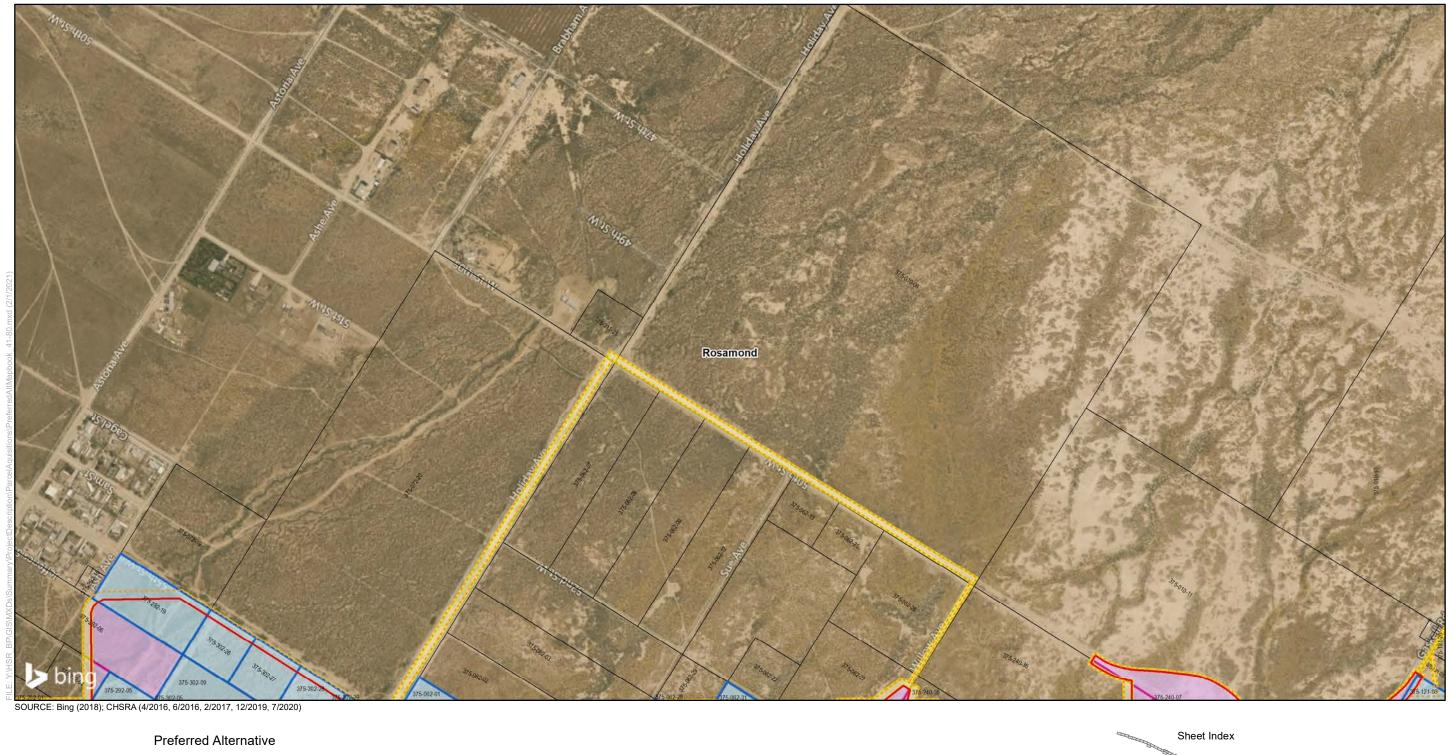
SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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Design Features Renewable Energy and Well Proposed Utility Parcel Acquisition --- Permanent Impact Limit Proposed Electrical Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Solar Farm Proposed Sewer Parcels Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water Utility Easement Area

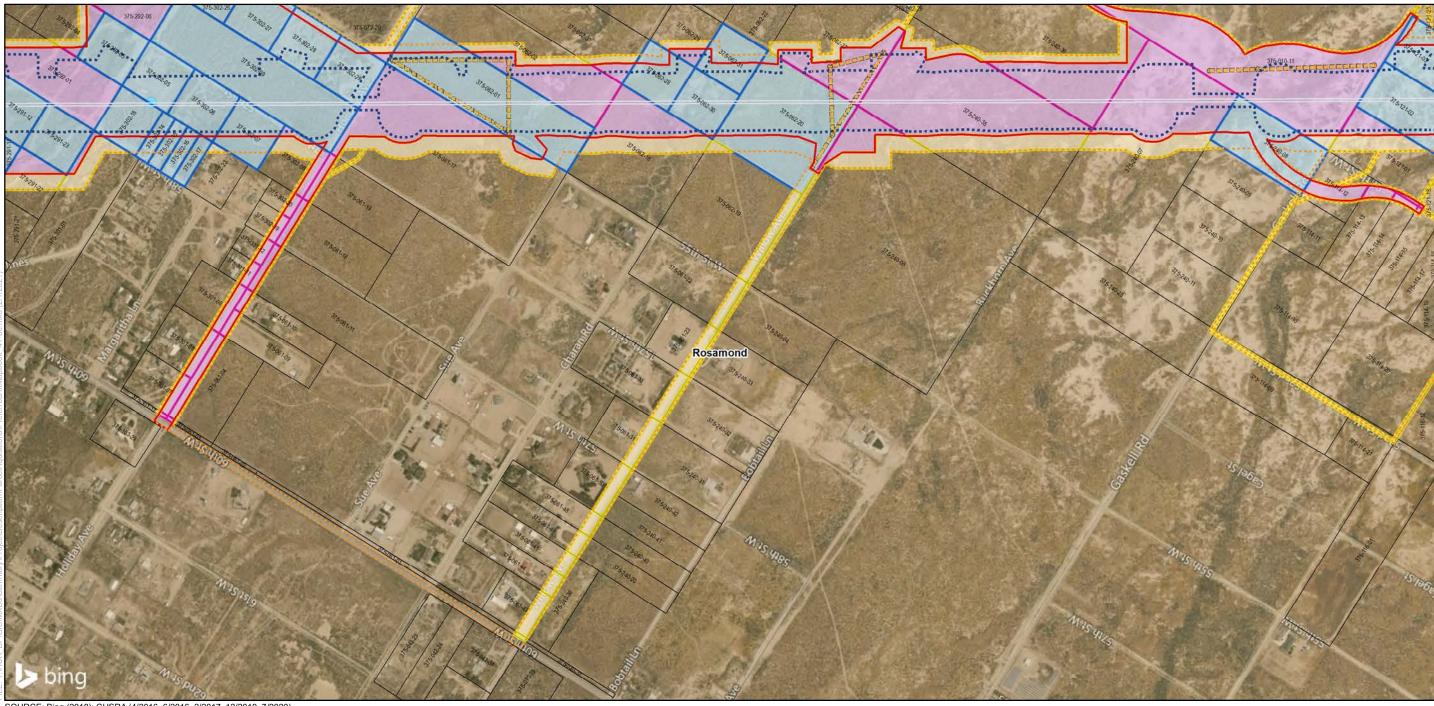
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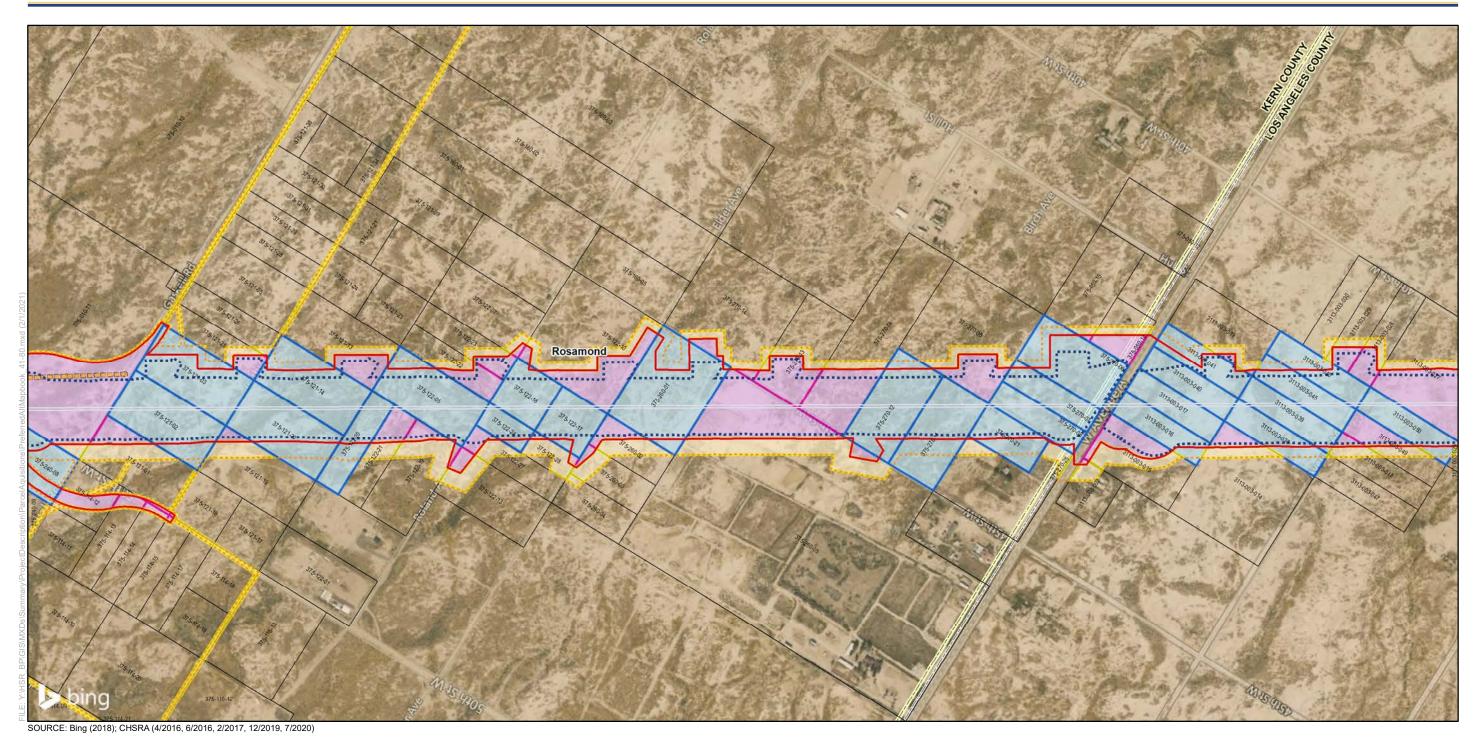




SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

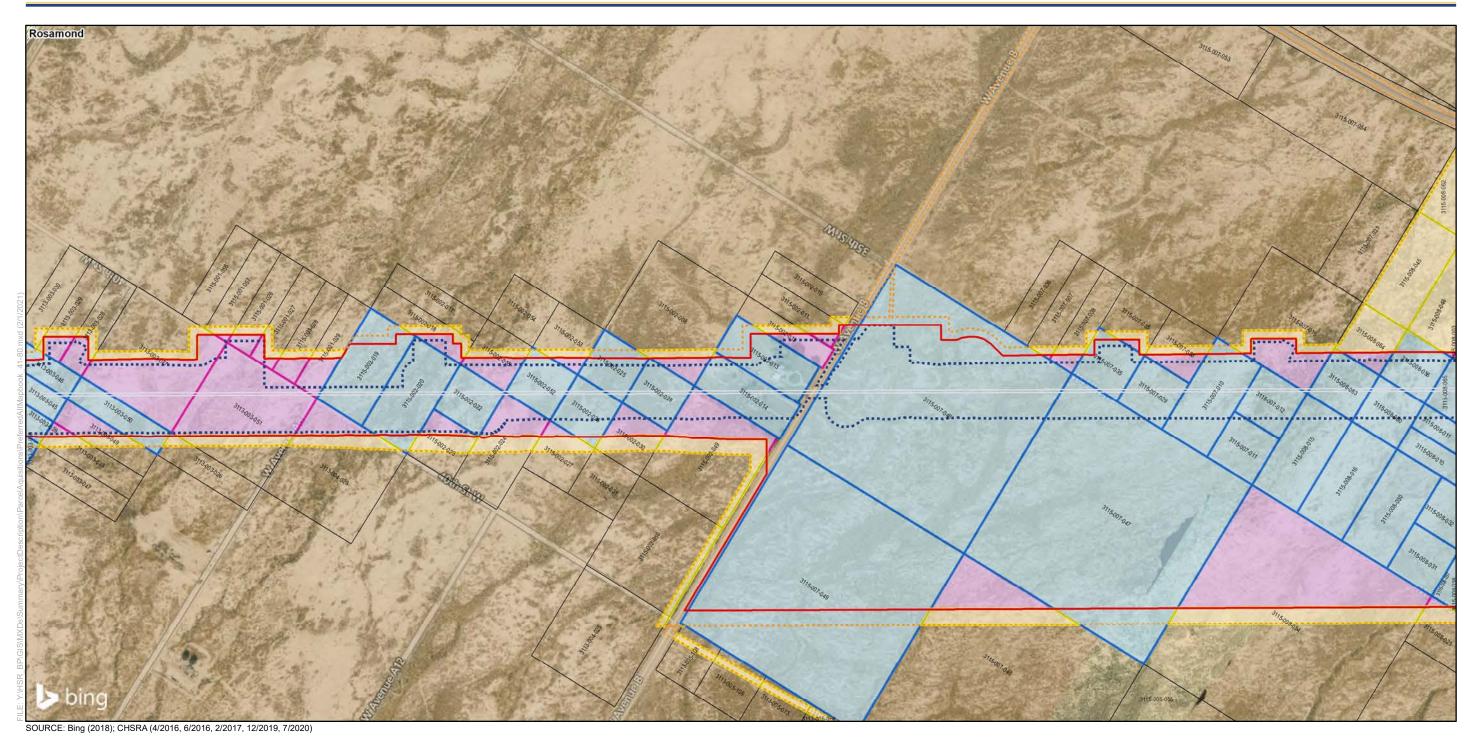










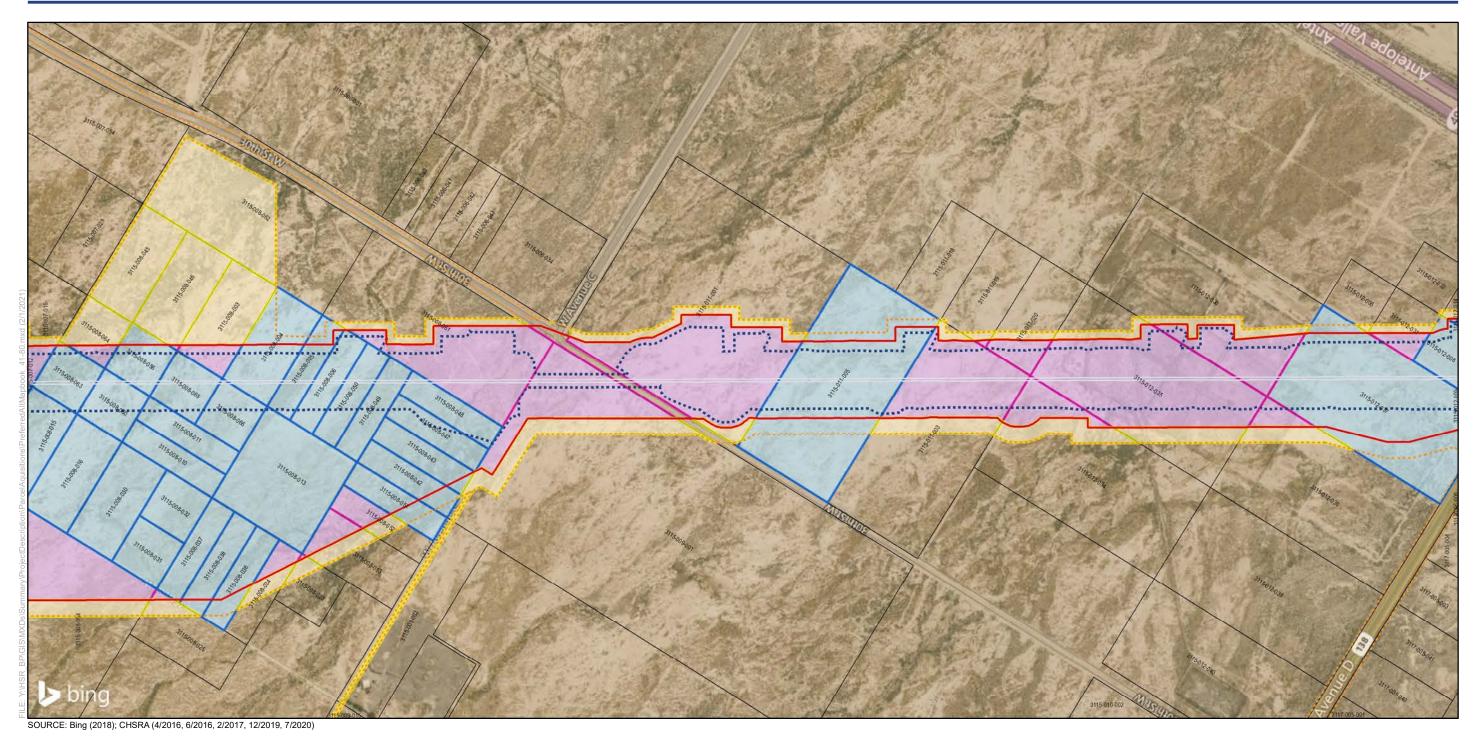




May 2021

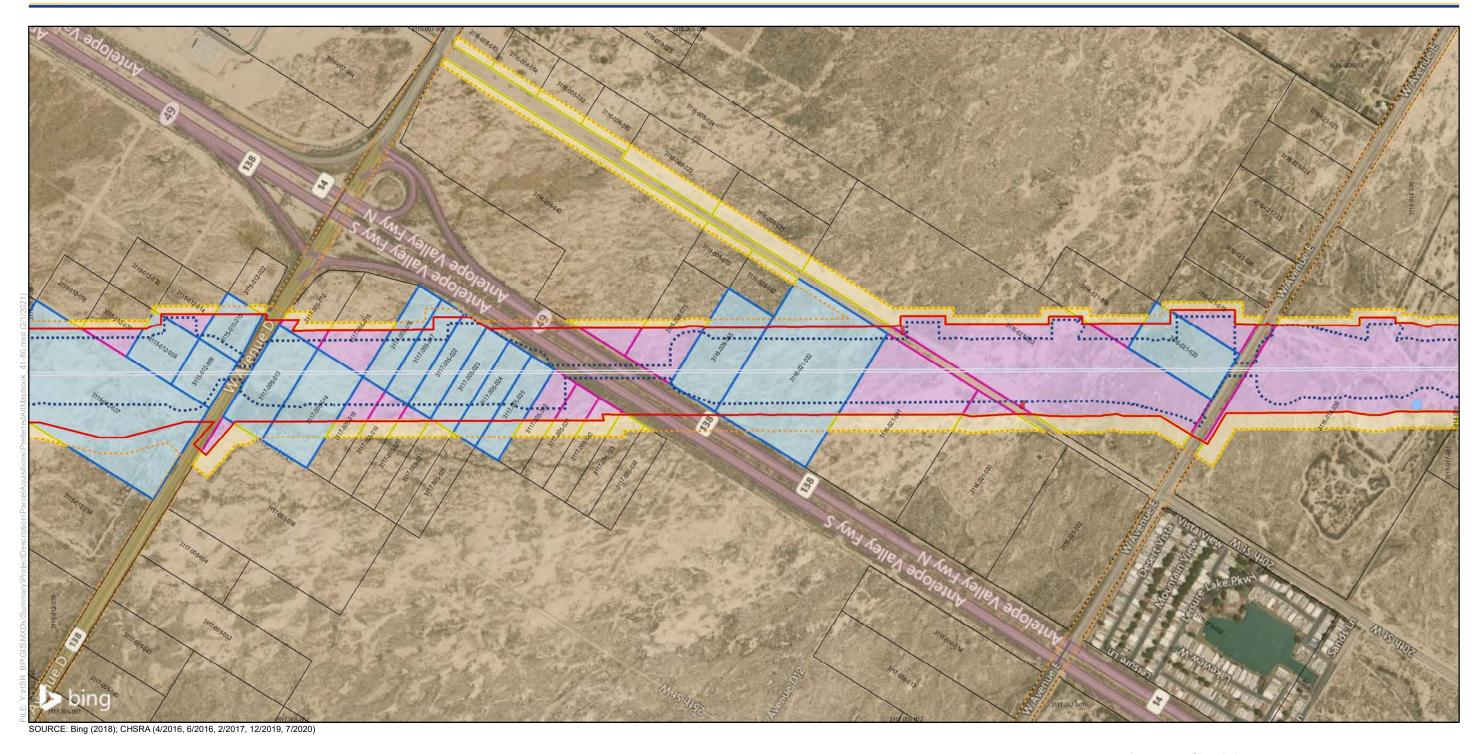
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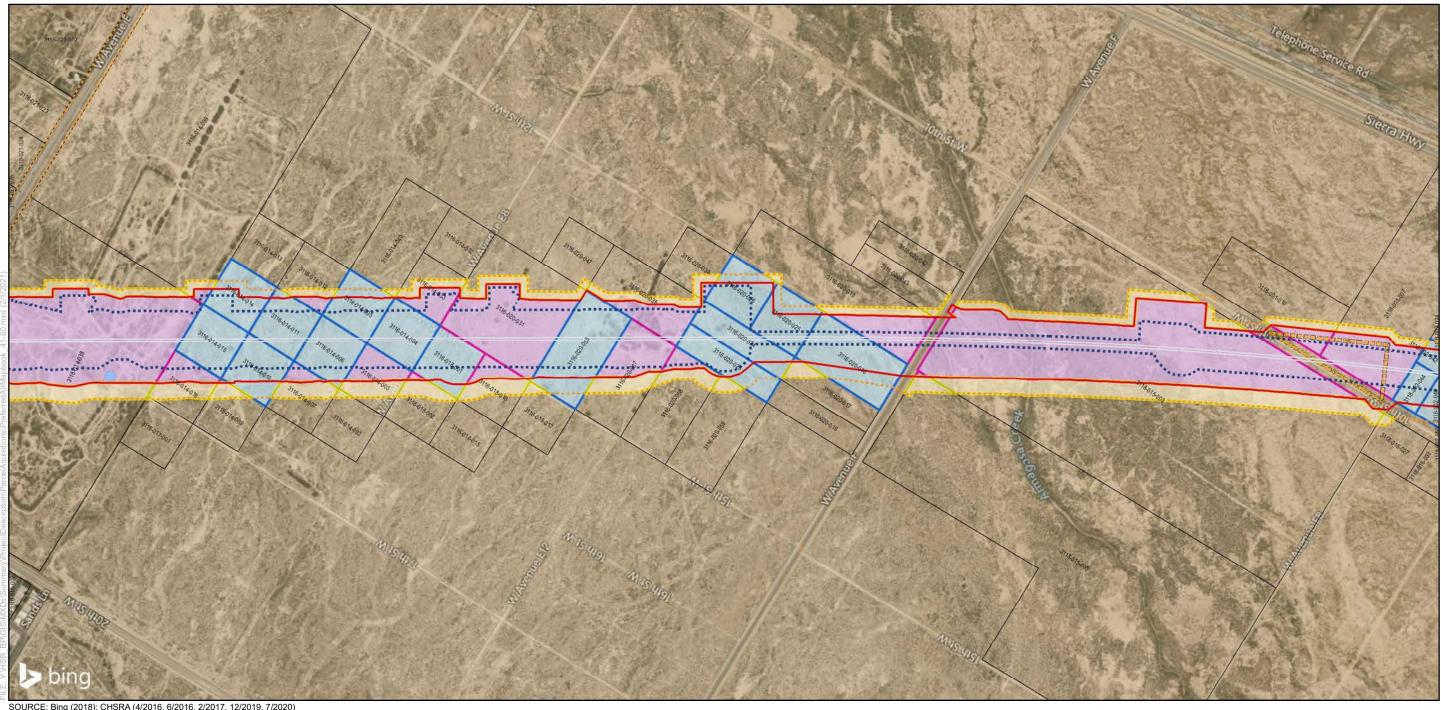




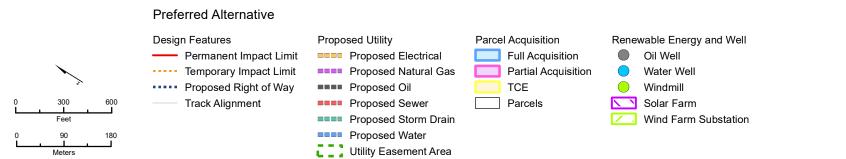








SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

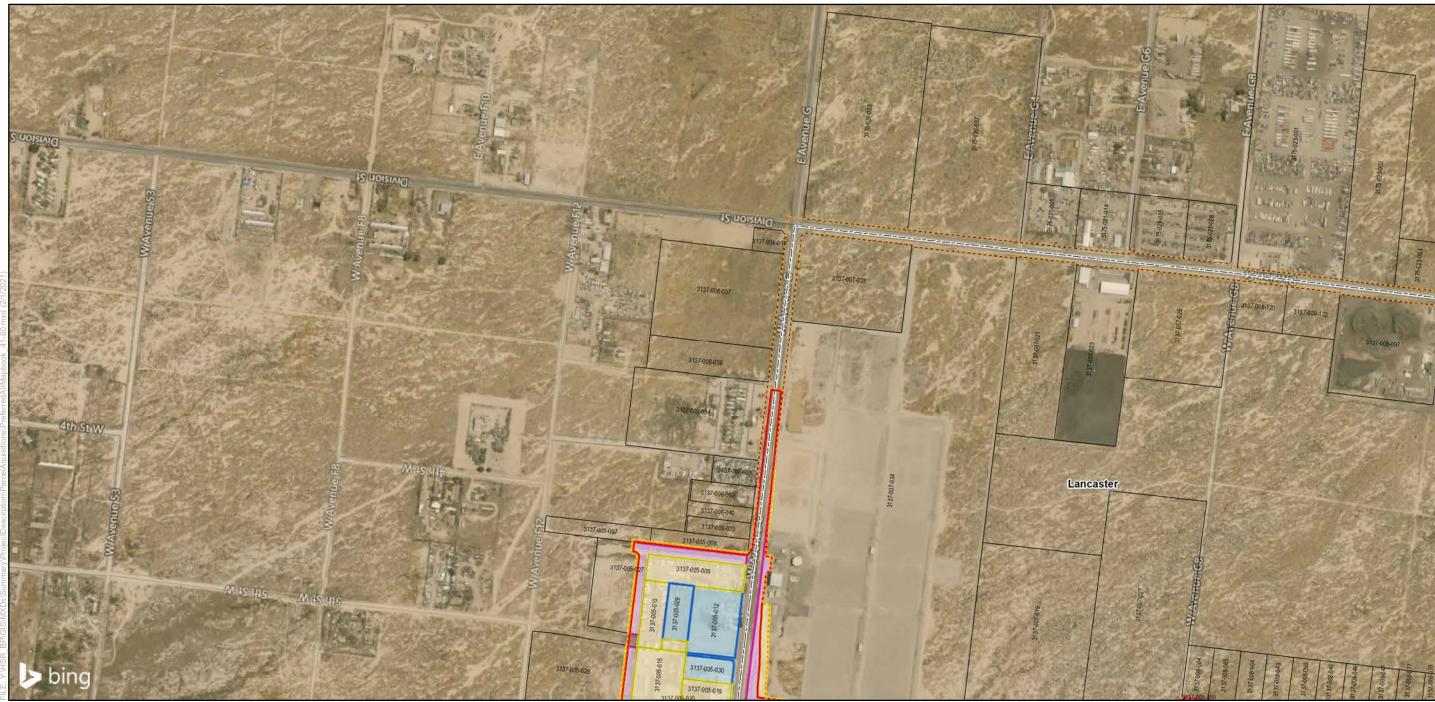


Bakersfield to Palmdale **Parcel Acquisitions** Sheet 70 of 119

Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Design Features --- Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Proposed Oil

Preferred Alternative

Track Alignment

Proposed Utility Proposed Electrical

Proposed Sewer

Proposed Water

Proposed Storm Drain

Utility Easement Area

Full Acquisition Proposed Natural Gas Partial Acquisition TCE

Parcels

Parcel Acquisition

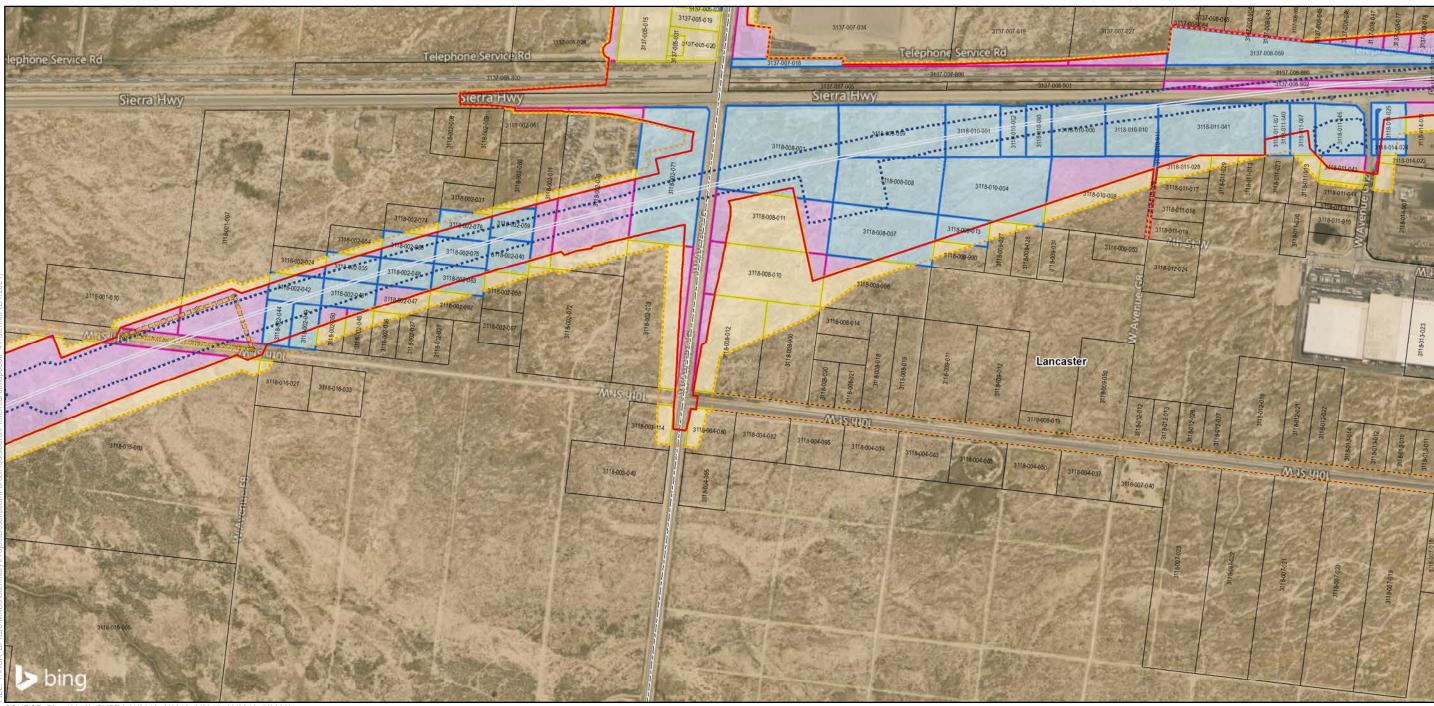
Renewable Energy and Well Oil Well Water Well Windmill Solar Farm ✓ ✓ Wind Farm Substation Sheet Index

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Potential Property Acquisition and Easements Preferred Alternative

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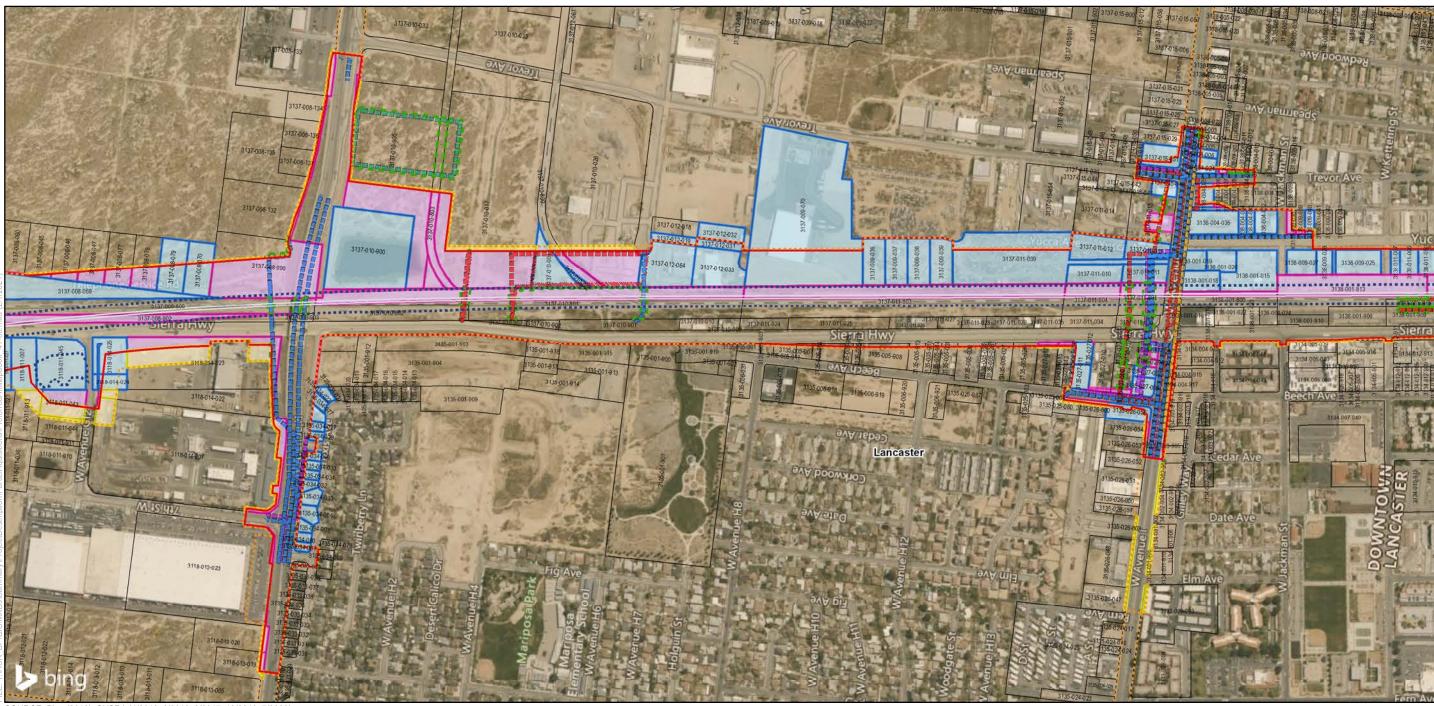
SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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Potential Property Acquisition and Easements Preferred Alternative





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Design Features Renewable Energy and Well Proposed Utility Parcel Acquisition Proposed Electrical --- Permanent Impact Limit Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Solar Farm Proposed Sewer Parcels Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water

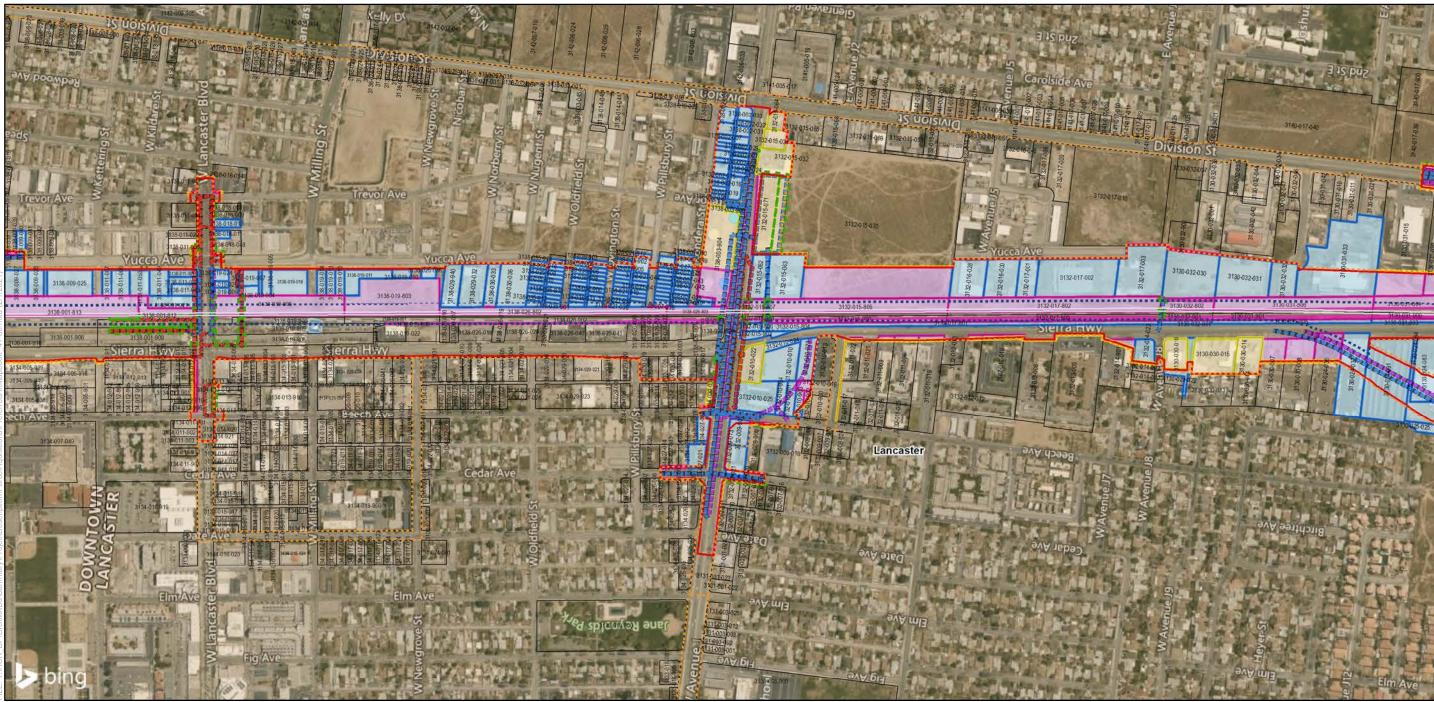
Utility Easement Area

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Potential Property Acquisition and Easements Preferred Alternative





Renewable Energy and Well

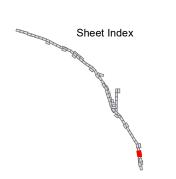
SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative

Design Features Proposed Utility Parcel Acquisition Permanent Impact Limit Temporary Impact Limit Proposed Natural Gas Proposed Natural Gas Proposed Natural Gas Proposed Oil TCE Track Alignment Proposed Sewer Proposed Sewer Proposed Sewer Parcels

Proposed Electrical
Proposed Natural Gas
Partial Acquisition
Proposed Oil
Proposed Sewer
Proposed Storm Drain
Proposed Water
Utility Easement Area

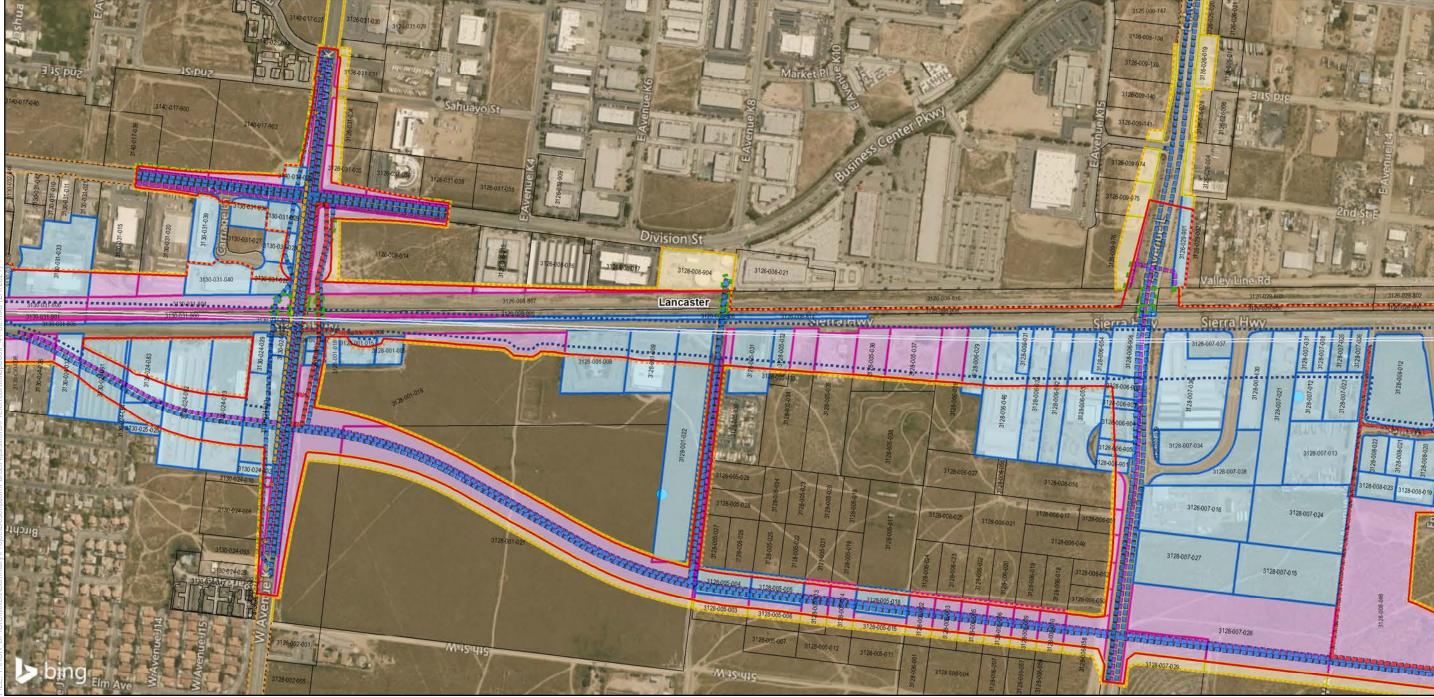
Full Acquisition
Water Well
Windmill
Solar Farm
Wind Farm Substation



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Potential Property Acquisition and Easements Preferred Alternative





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Renewable Energy and Well Design Features Proposed Utility Parcel Acquisition --- Permanent Impact Limit Proposed Electrical Full Acquisition Oil Well Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Solar Farm Proposed Sewer Parcels Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water

Utility Easement Area

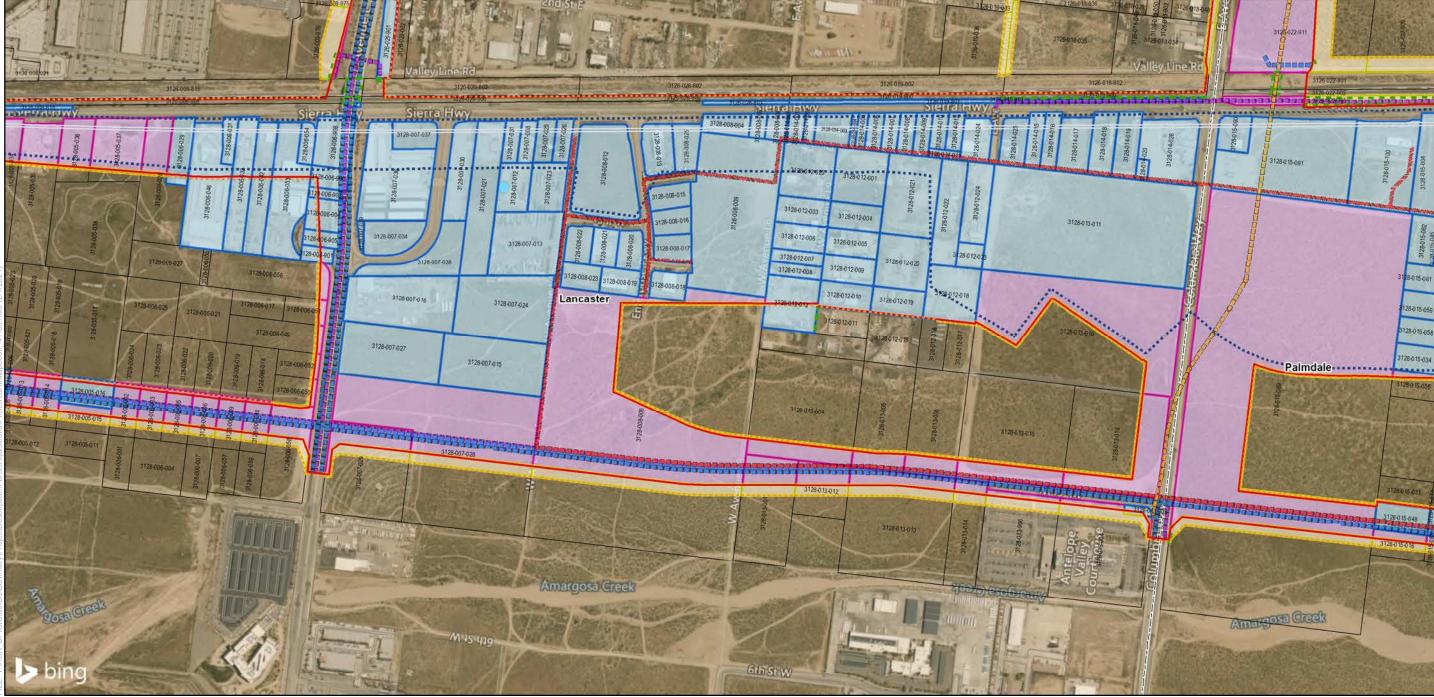
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Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Design Features Parcel Acquisition Renewable Energy and Well Proposed Utility --- Permanent Impact Limit Full Acquisition Oil Well Proposed Electrical Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Proposed Sewer Parcels Solar Farm Proposed Storm Drain ✓ ✓ Wind Farm Substation Proposed Water

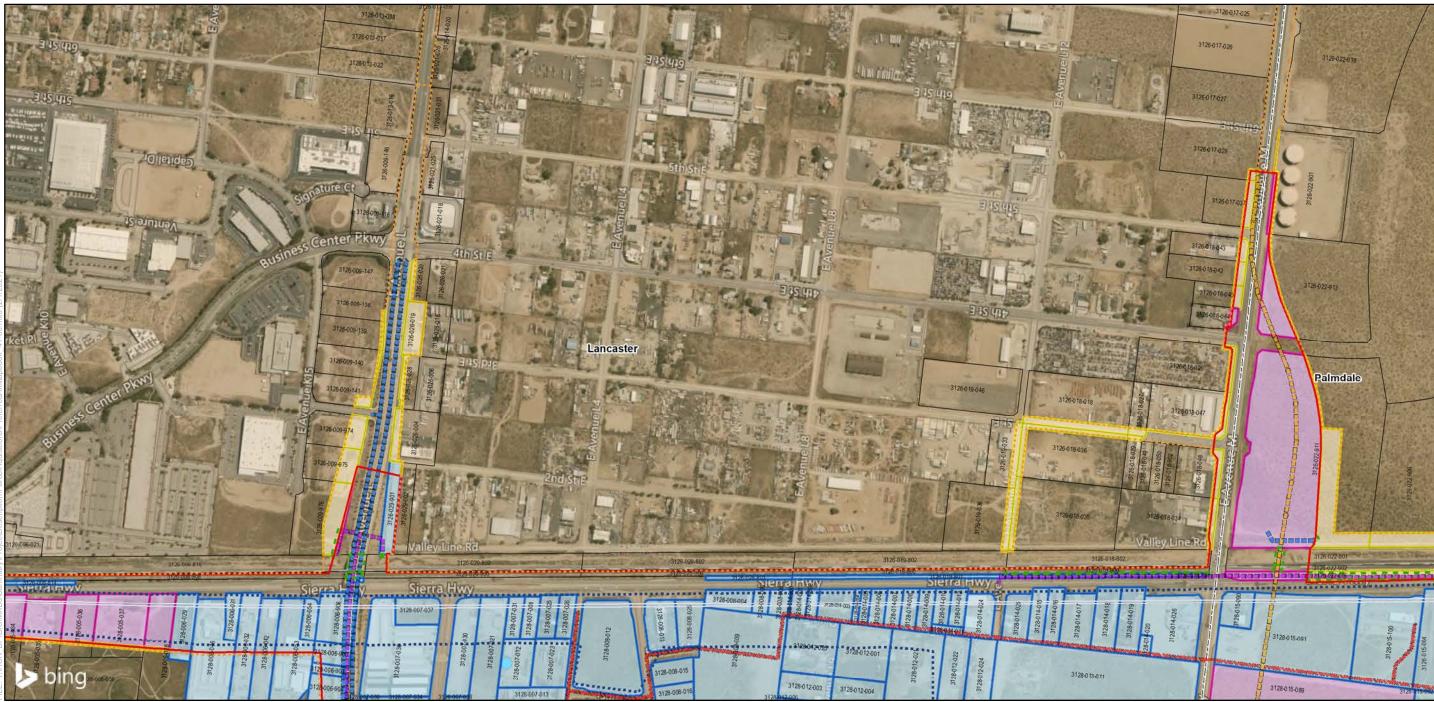
Utility Easement Area

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Potential Property Acquisition and Easements Preferred Alternative





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Renewable Energy and Well Design Features Proposed Utility Parcel Acquisition Proposed Electrical --- Permanent Impact Limit Full Acquisition Oil Well ---- Temporary Impact Limit Proposed Natural Gas Partial Acquisition Water Well Proposed Right of Way Proposed Oil TCE Windmill Proposed Sewer Solar Farm Track Alignment Parcels Proposed Storm Drain ✓ ✓ ✓ Wind Farm Substation Proposed Water

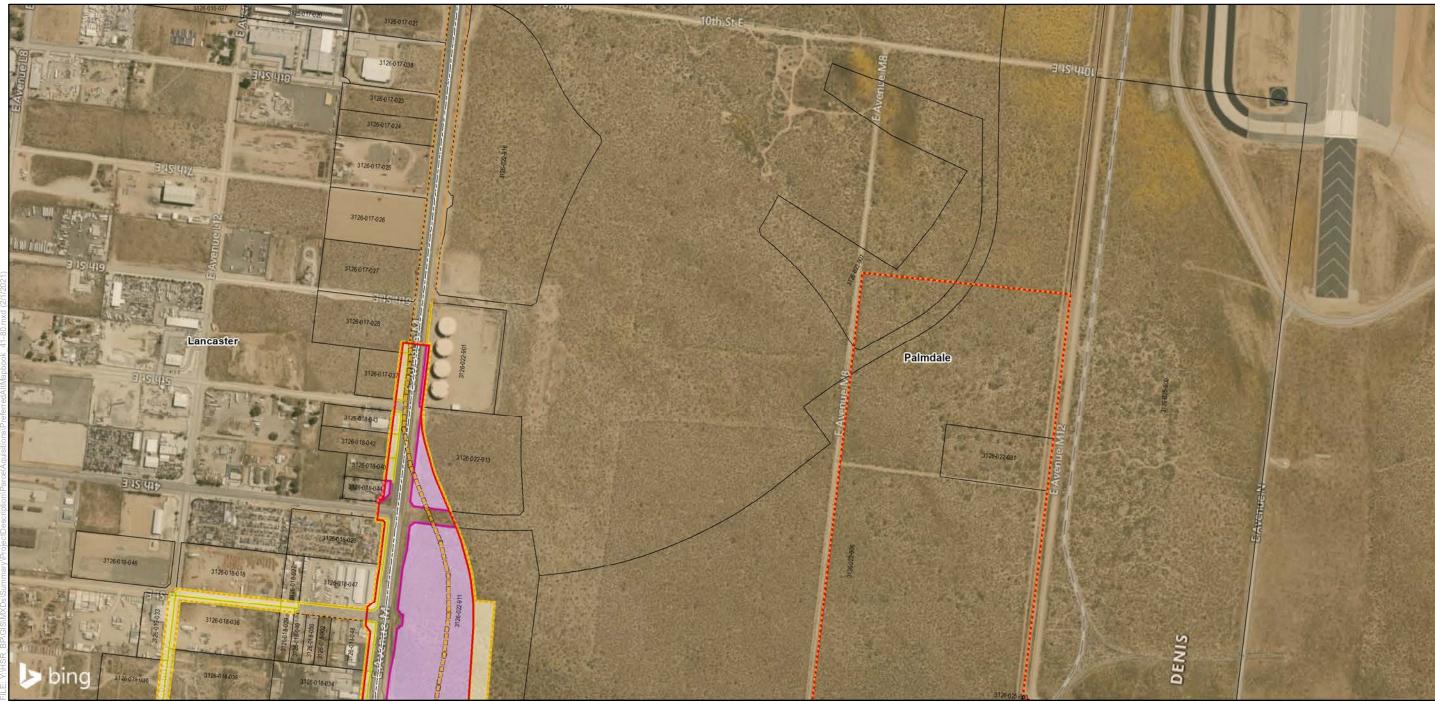
Utility Easement Area

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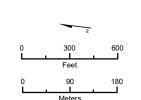
Potential Property Acquisition and Easements Preferred Alternative





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative



Design Features

Permanent Impact Limit
Temporary Impact Limit
Proposed Right of Way
Track Alignment

Proposed Utility

Proposed Electrical
Proposed Natural Gas
Proposed Oil

Proposed Sewer
Proposed Storm Drain
Proposed Water
Utility Easement Area

Parcel Acquisition

Full Acquisition
Partial Acquisition
TCF

TCE Parcels

Renewable Energy and Well Oil Well

Water Well
Windmill

Solar Farm
Wind Farm Substation

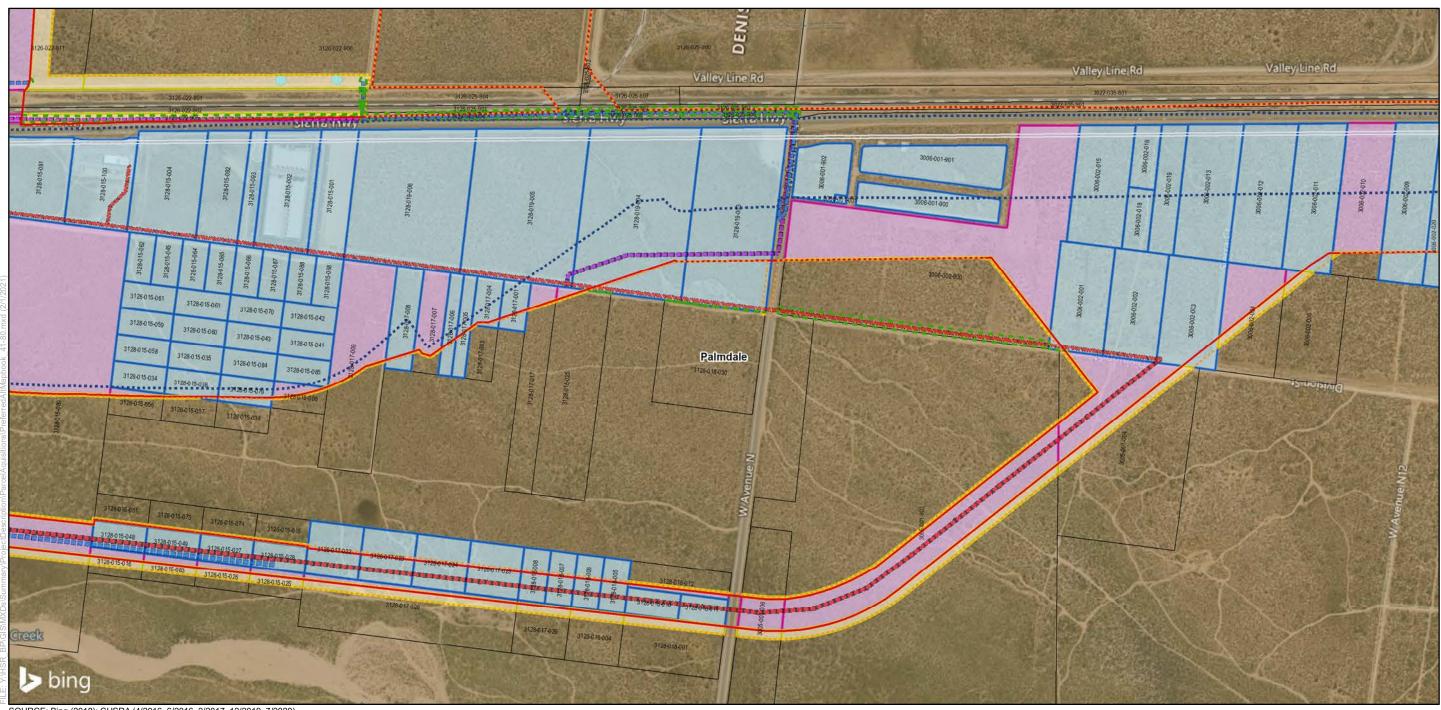
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Potential Property Acquisition and Easements Preferred Alternative

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

Preferred Alternative Parcel Acquisition Design Features Renewable Energy and Well Proposed Utility --- Permanent Impact Limit Full Acquisition Oil Well Proposed Electrical Temporary Impact Limit Water Well Proposed Natural Gas Partial Acquisition Proposed Right of Way Proposed Oil TCE Windmill Track Alignment Proposed Sewer Parcels Solar Farm Proposed Storm Drain ✓ ✓ ✓ Wind Farm Substation Proposed Water Utility Easement Area

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Potential Property Acquisition and Easements Preferred Alternative

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Preferred Alternative

Design Features Proposed Utility Parcel Acquisit — Permanent Impact Limit Proposed Right of Way Proposed Right of Way Proposed Sewer Feet Proposed Storm Drain 180 Design Features Proposed Utility Parcel Acquisit Proposed Electrical Full Acquisit Proposed Natural Gas Proposed Oil TCE Proposed Sewer Proposed Storm Drain Proposed Water

Utility Easement Area

Parcel Acquisition

Full Acquisition

Partial Acquisition

TCE

Parcels

Renewable Energy and Well

Water Well

Windmill

Solar Farm

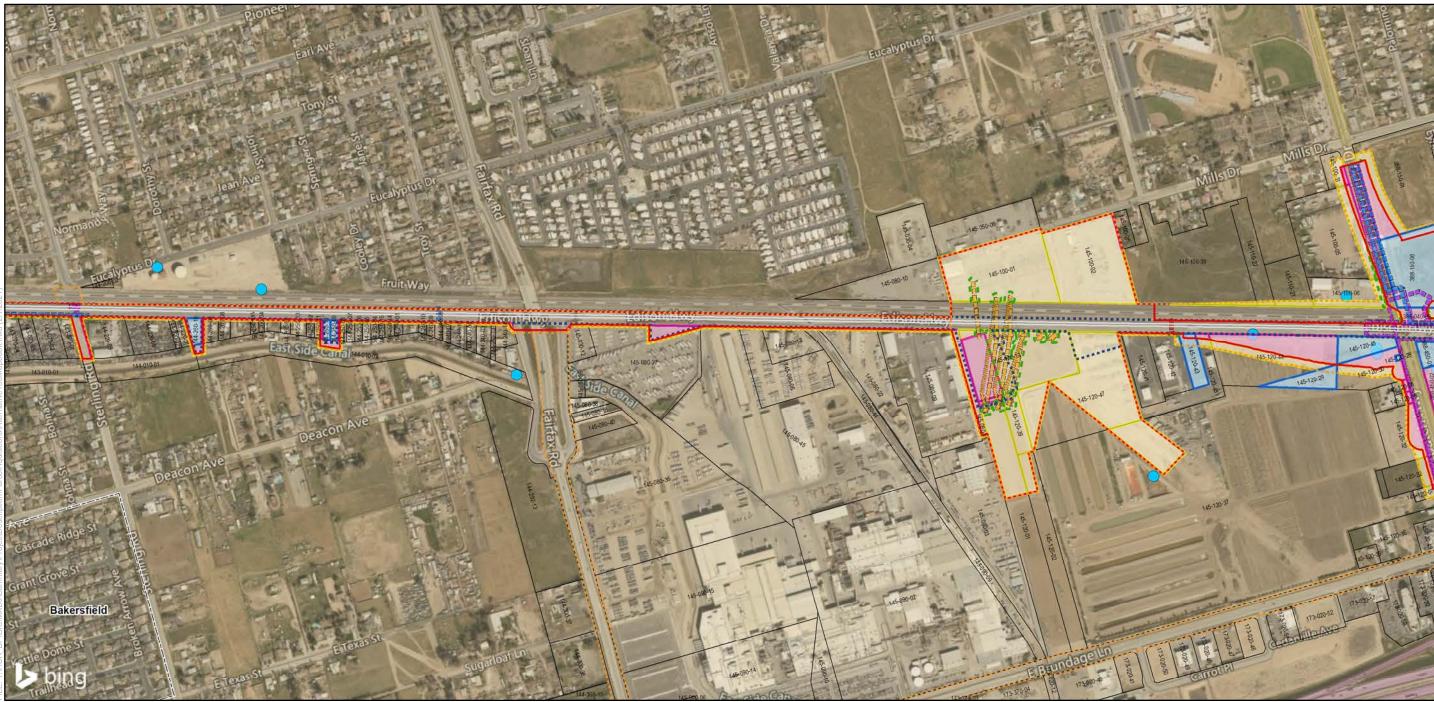
Wind Farm Substation

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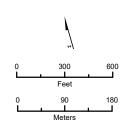
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Potential Property Acquisition and Easements Preferred Alternative





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Alternatives 1, 3, 5

Design Features Permanent Impact Limit Temporary Impact Limit Proposed Right of Way

Track Alignment

Limit Proposed Natural Gas
Way Proposed Oil
Proposed Sewer
Proposed Storm Drain
Proposed Water

Proposed Utility

Proposed Electrical

Utility Easement Area

Parcel Acquisition
Full Acquisition

Partial Acquisition
TCE

Parcels

Renewable Energy and Well
Oil Well
Water Well
Windmill
Solar Farm

Wind Farm Substation

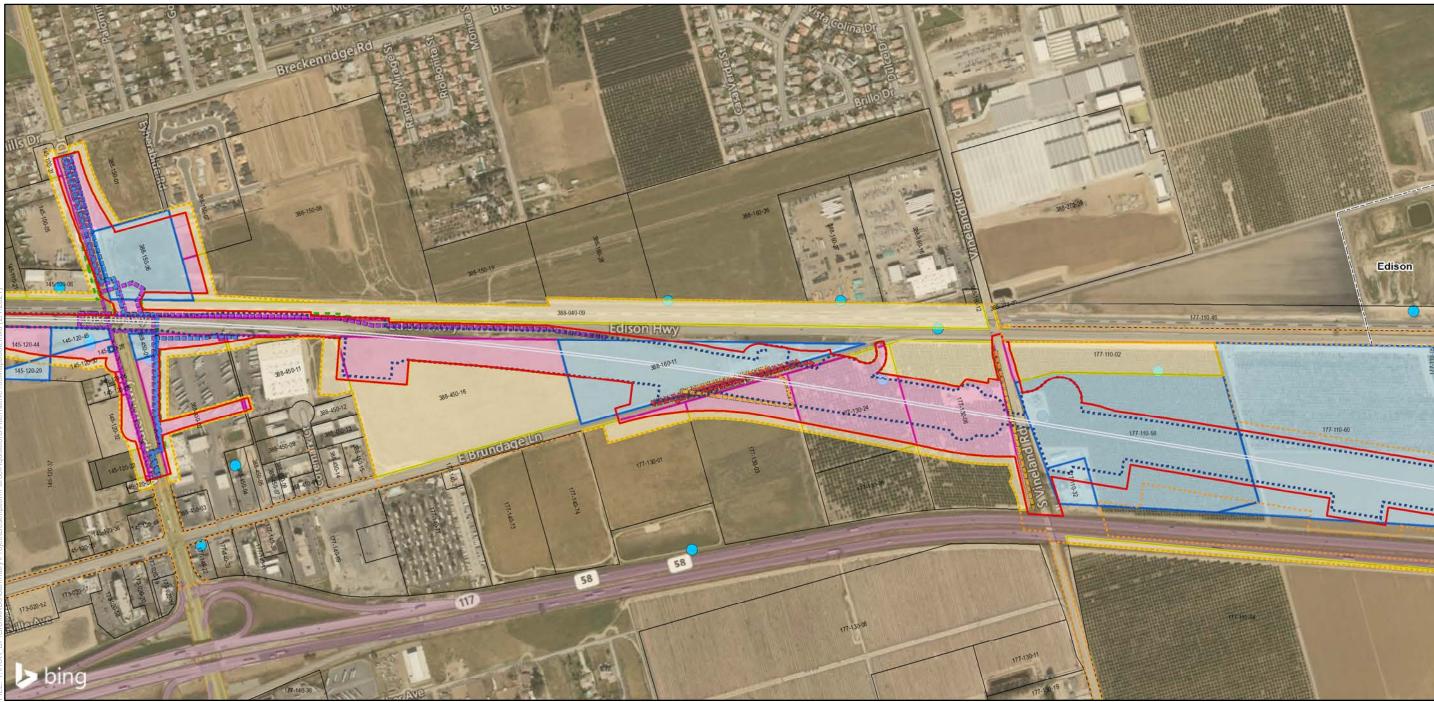
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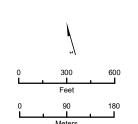
Potential Property Acquisition and Easements Alternatives 1, 3, 5

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Alternatives 1, 3, 5

Design Features Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility
Proposed Electrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer
Proposed Storm Drain

Proposed Water
Utility Easement Area

Parcel Acquisition

Full Acquisition

Partial Acquisition

TCE

Parcels

Renewable Energy and Well

Well

Water Well

Windmill

Solar Farm

Wind Farm Substation

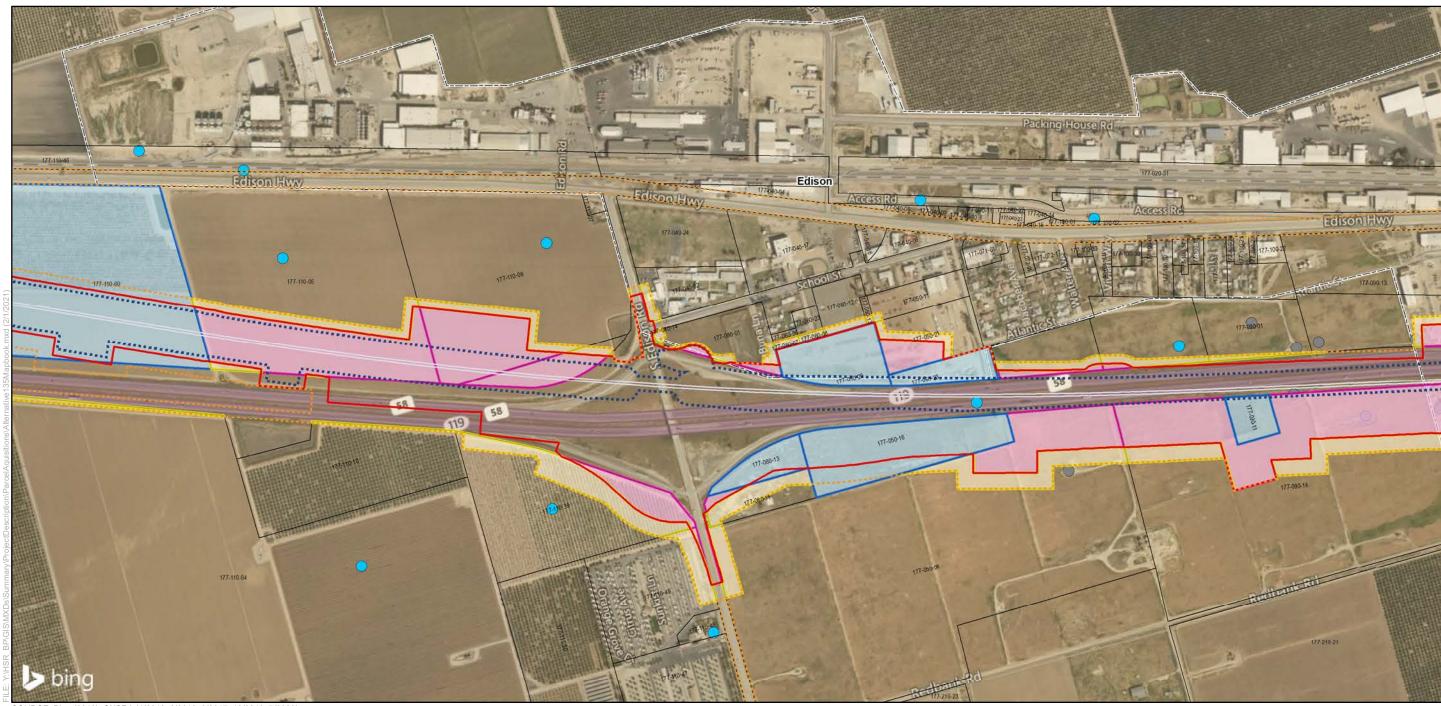
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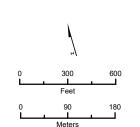
Potential Property Acquisition and Easements Alternatives 1, 3, 5

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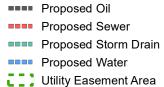
SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Alternatives 1, 3, 5

Design Features — Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility Proposed Electrical Proposed Natural Gas



Parcel Acquisition



Parcels

Renewable Energy and Well







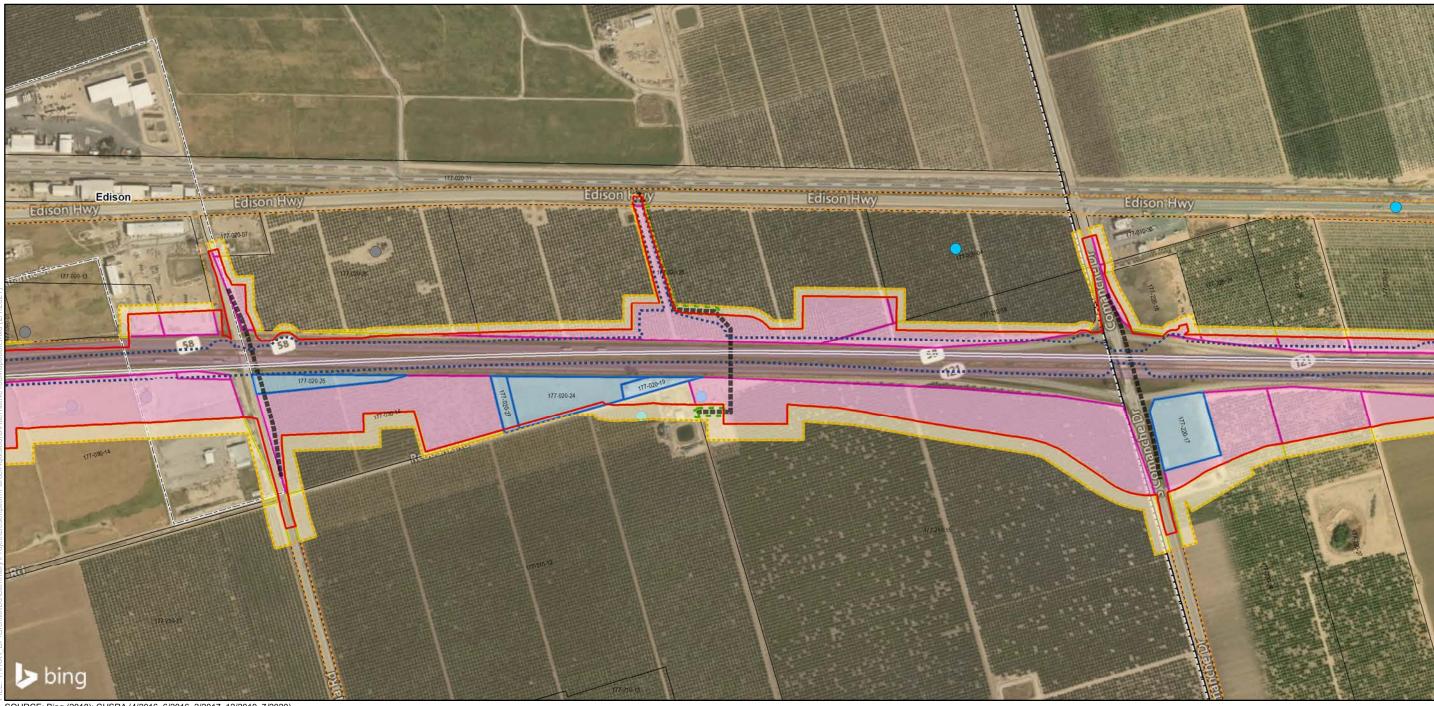
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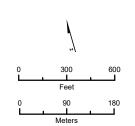
Potential Property Acquisition and Easements Alternatives 1, 3, 5

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Alternatives 1, 3, 5

Design Features Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility
Proposed Electrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer
Proposed Storm Drain
Proposed Water

Utility Easement Area

Parcel Acquisition
Full Acquisition
Partial Acquisition

TCE
Parcels

Renewable Energy and Well

Oil WellWater WellWindmill

Solar FarmWind Farm Substation

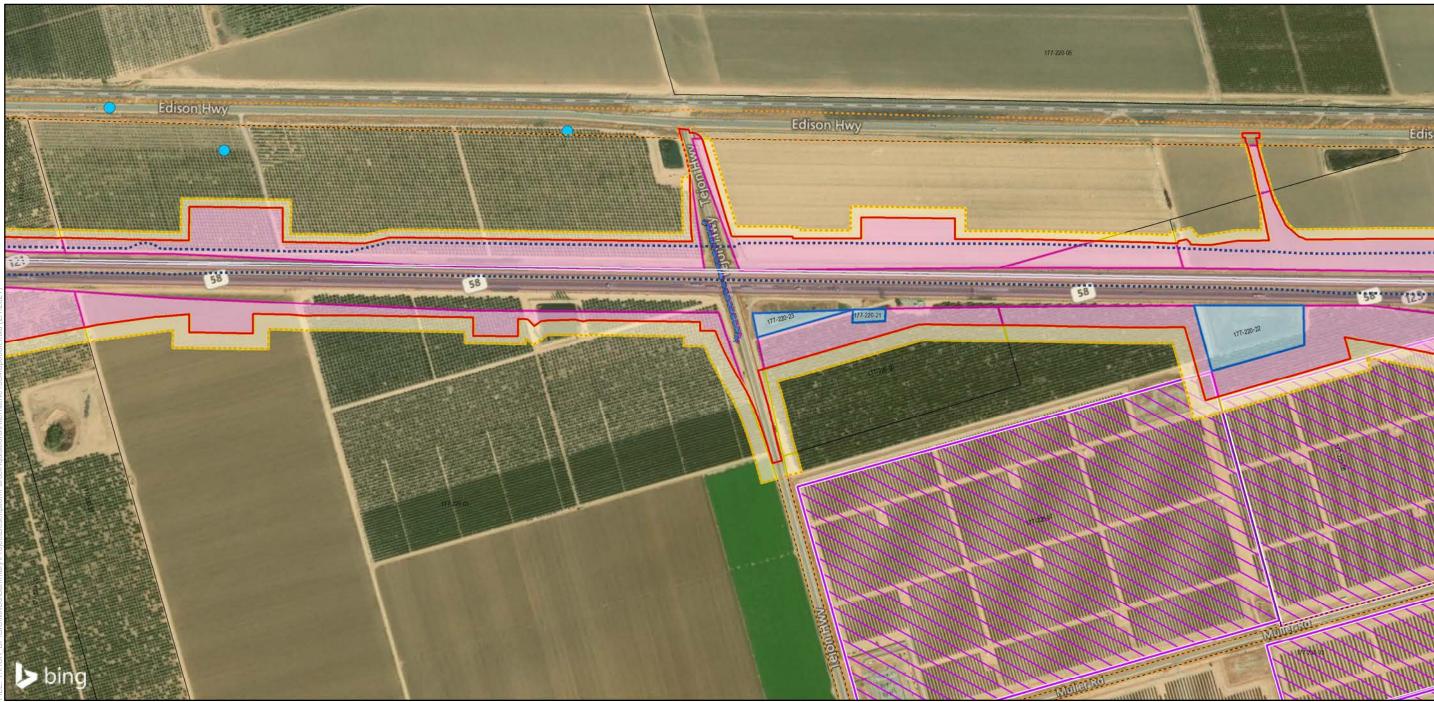
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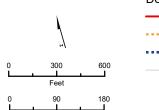
Potential Property Acquisition and Easements Alternatives 1, 3, 5

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



Alternatives 1, 3, 5 Design Features

Permanent Impact Limit
Temporary Impact Limit
Proposed Right of Way
Track Alignment

Proposed Utility Proposed Electrical

Proposed Natural Gas
Proposed Oil
Proposed Sewer
Proposed Storm Drain
Proposed Water
Utility Easement Area

Parcel Acquisition

Full Acquisition
Partial Acquisition
TCE

TCE Parcels

Renewable Energy and Well

Oil WellWater Well

WindmillSolar Farm

Wind Farm Substation

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Potential Property Acquisition and Easements Alternatives 1, 3, 5

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



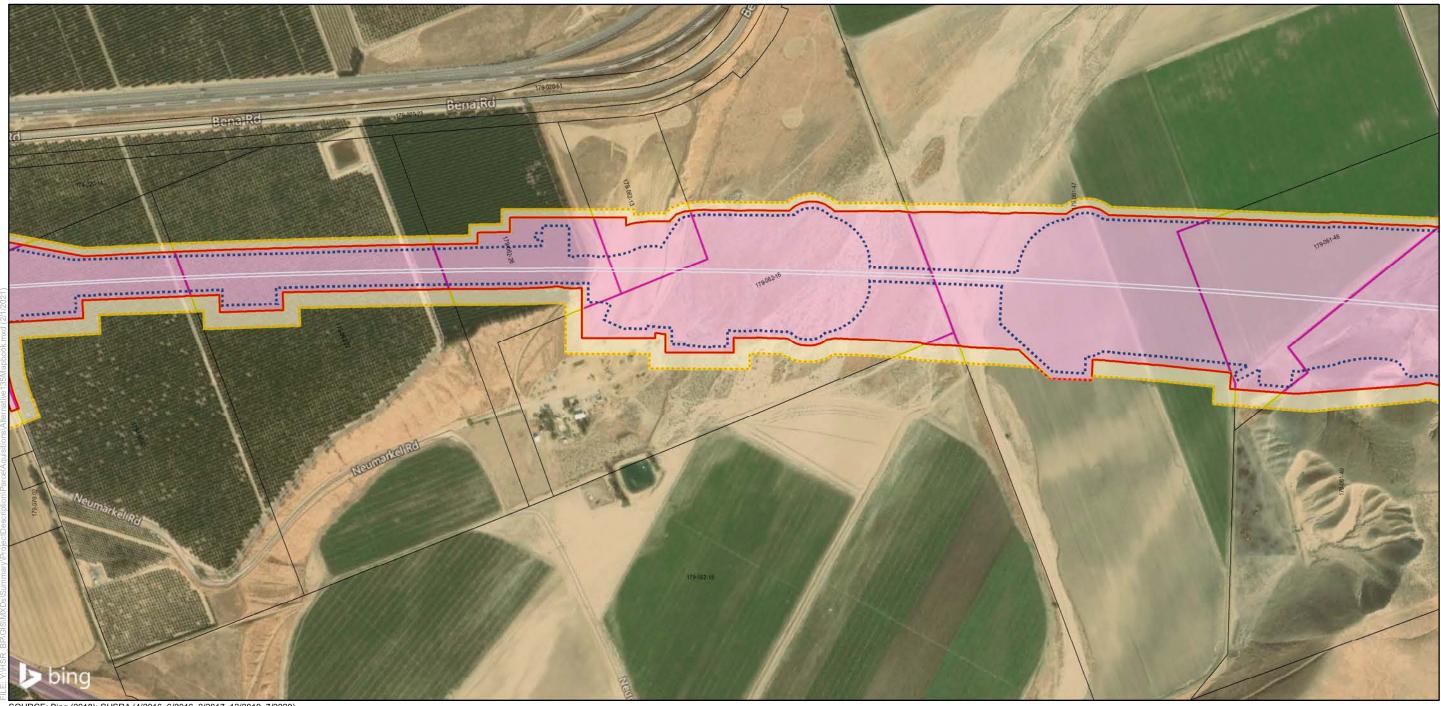
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Parcel Acquisitions
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Potential Property
Acquisition and Easements
Alternatives 1, 3, 5

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California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



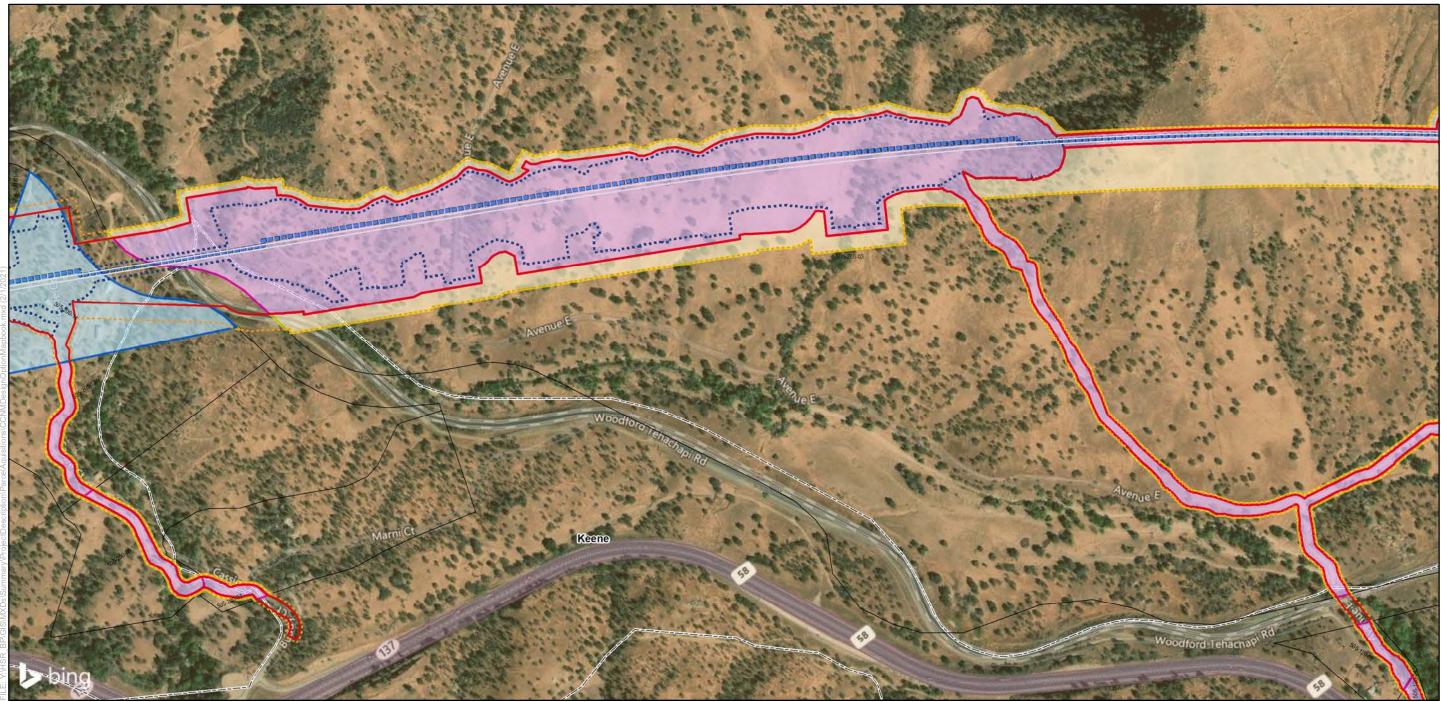
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Acquisition and Easements
Alternatives 1, 3, 5

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

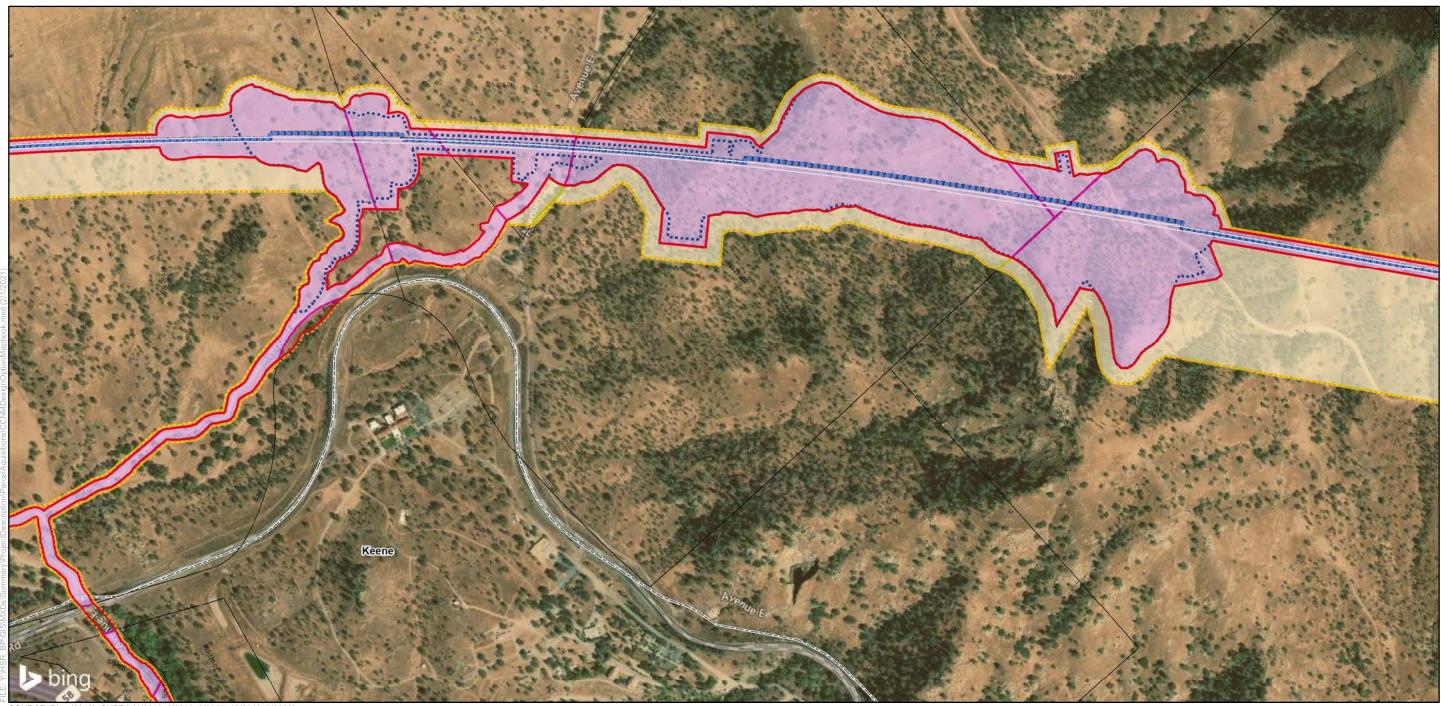


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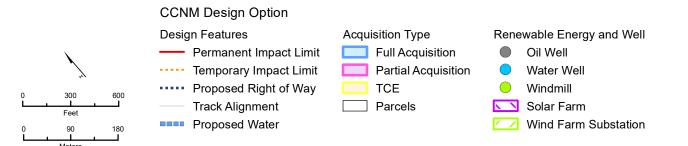
Potential Property Acquisition and Easements CCNM Design Option

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

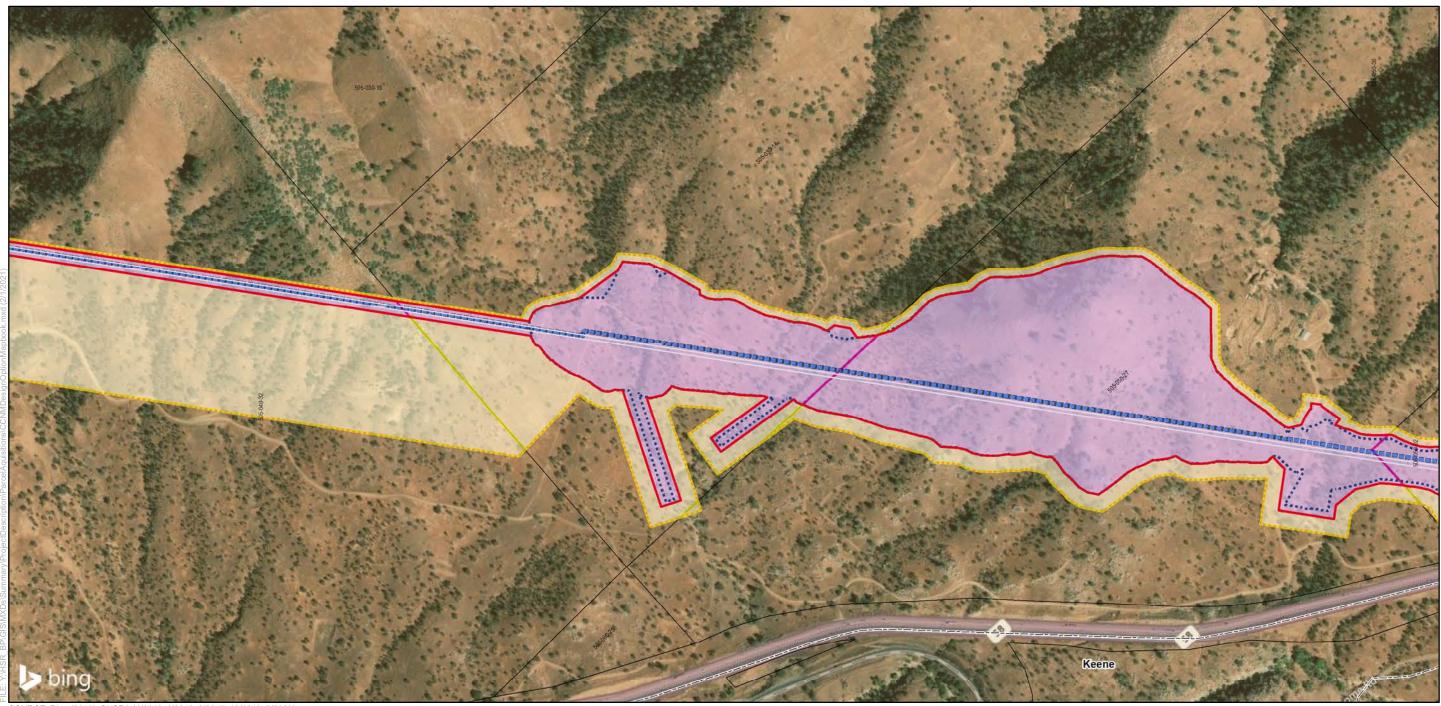


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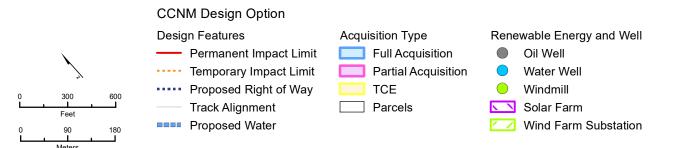
Potential Property Acquisition and Easements CCNM Design Option

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

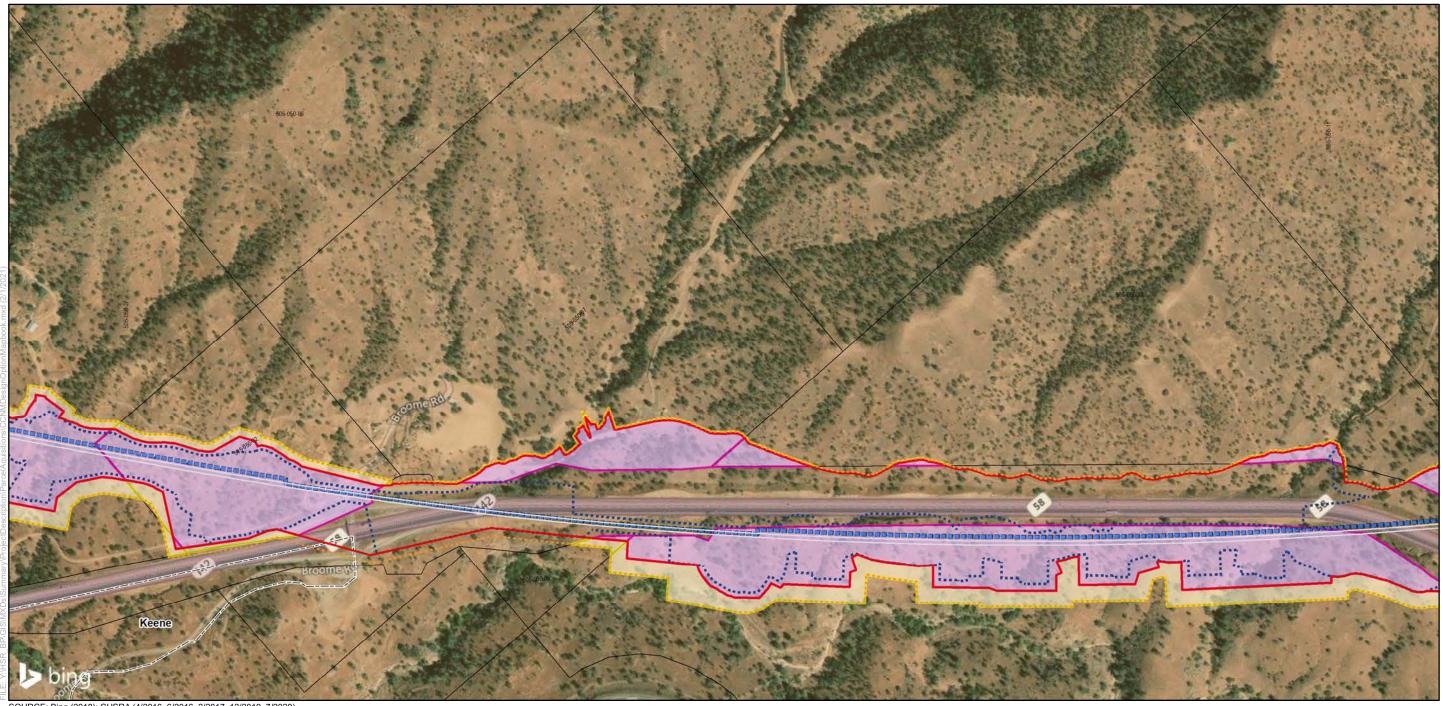


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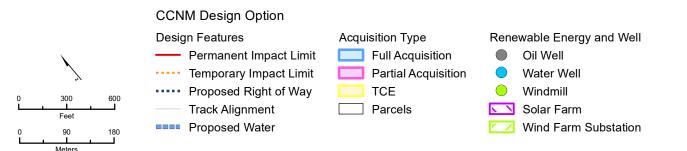
Potential Property Acquisition and Easements CCNM Design Option

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

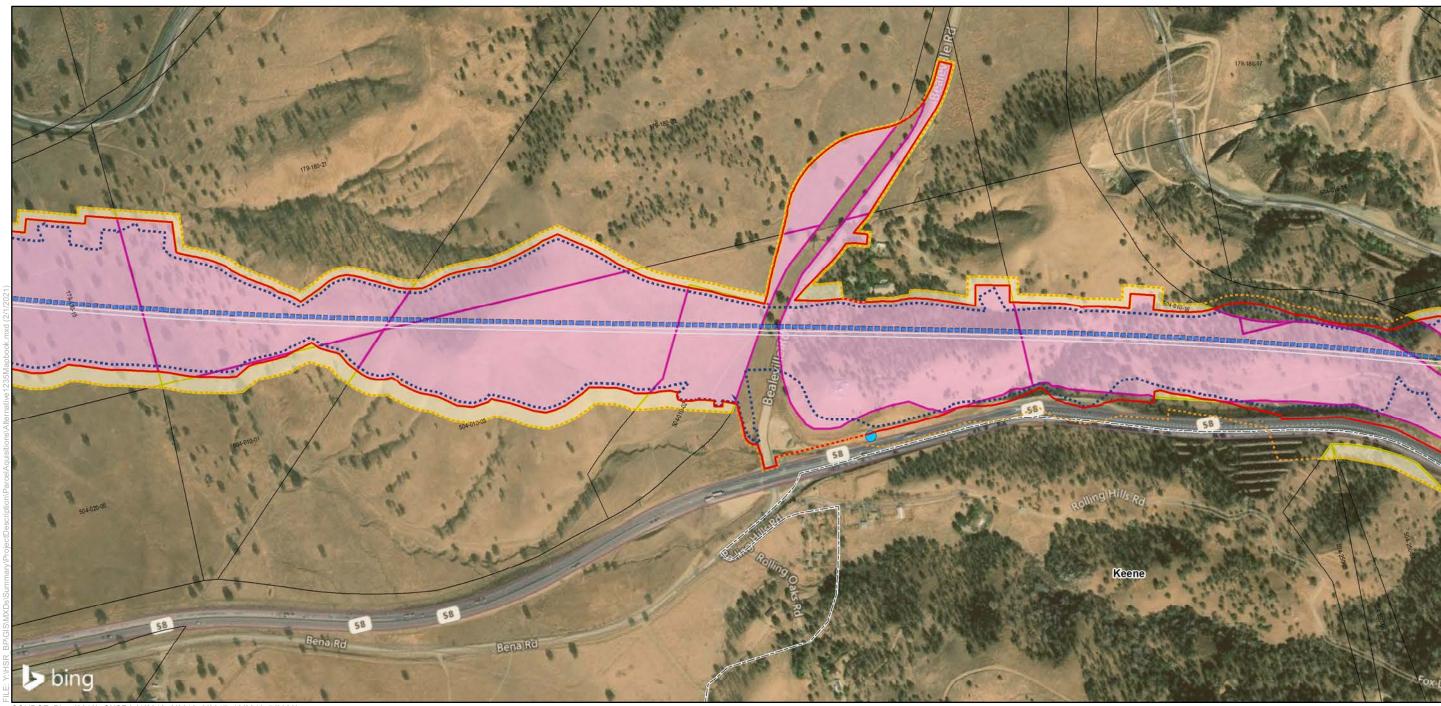


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Potential Property Acquisition and Easements CCNM Design Option

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

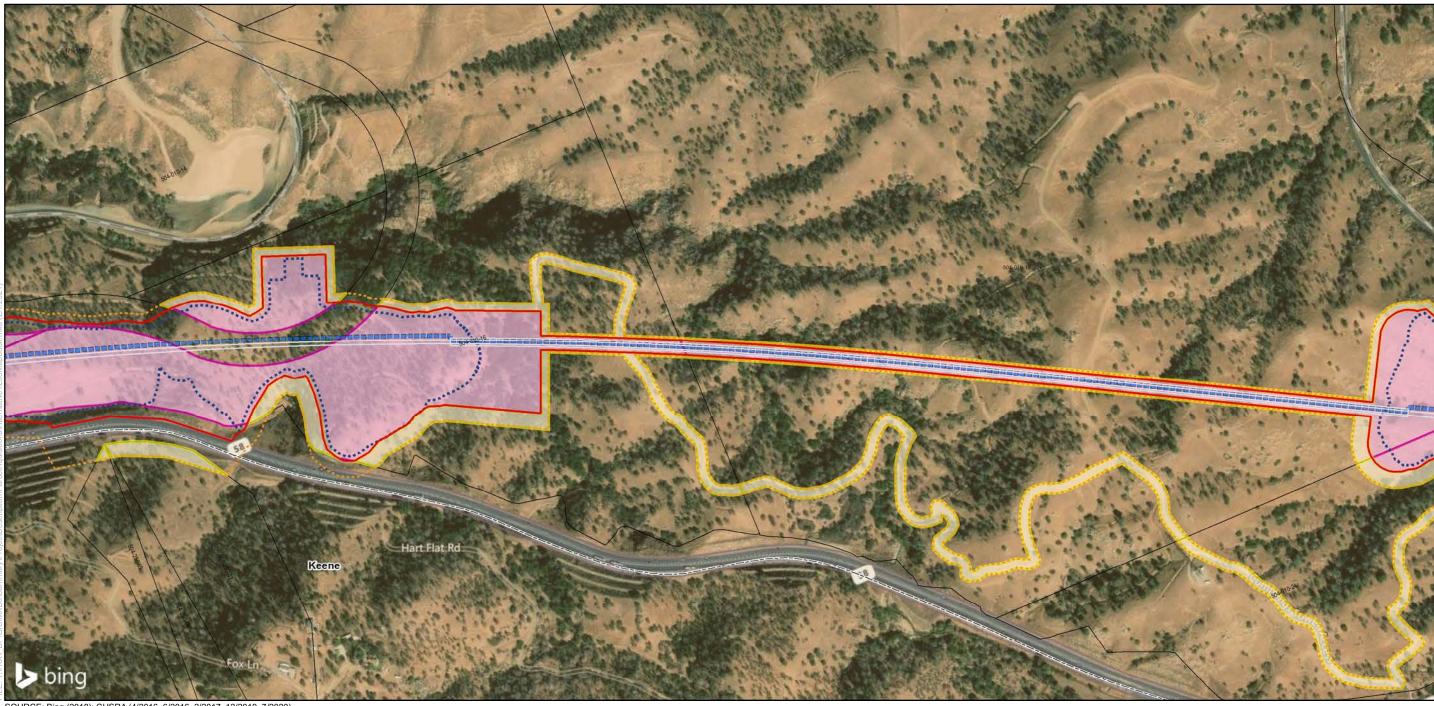


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Project Impacts Alternatives 1, 2, 3, 5

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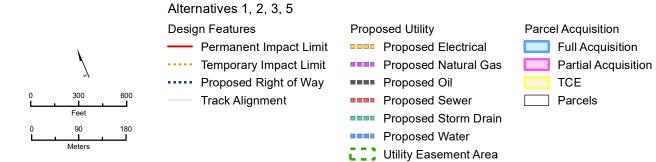
Oil Well

Water Well

Solar Farm

Windmill

SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)

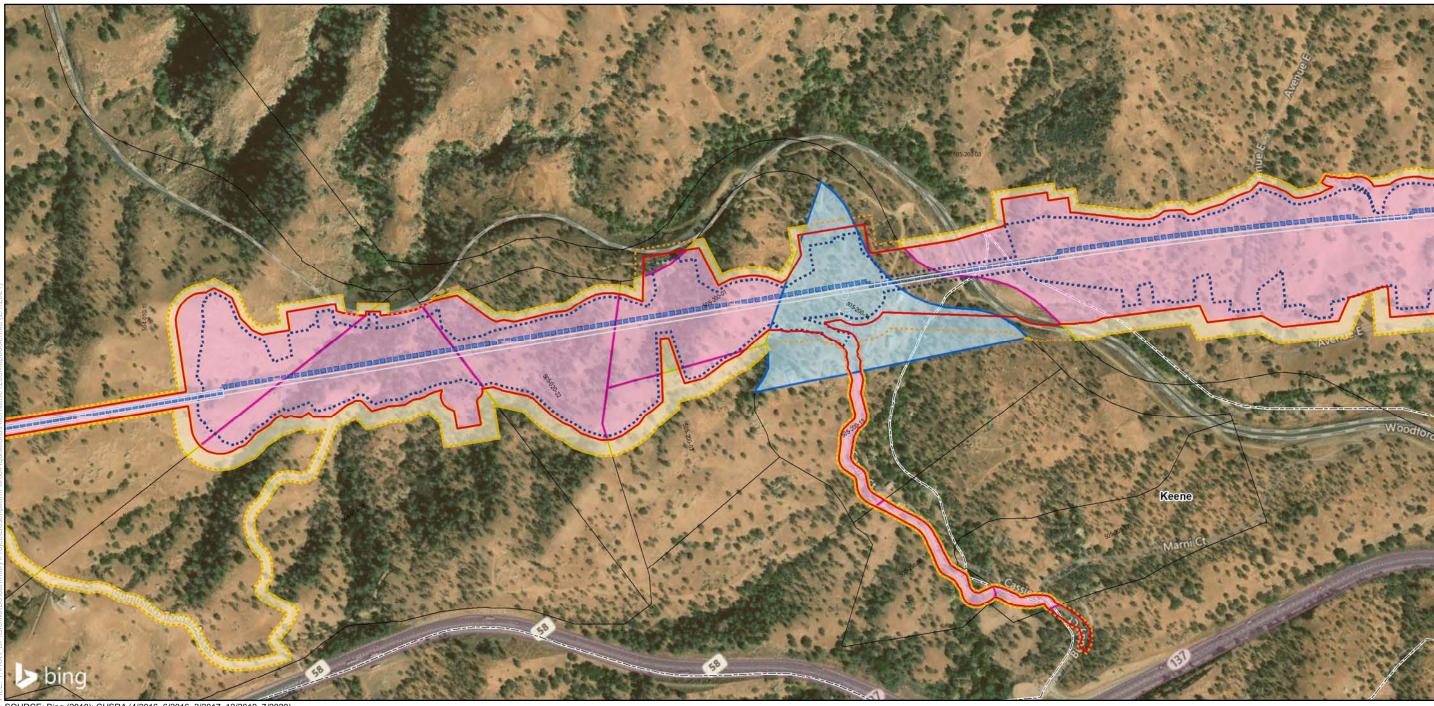




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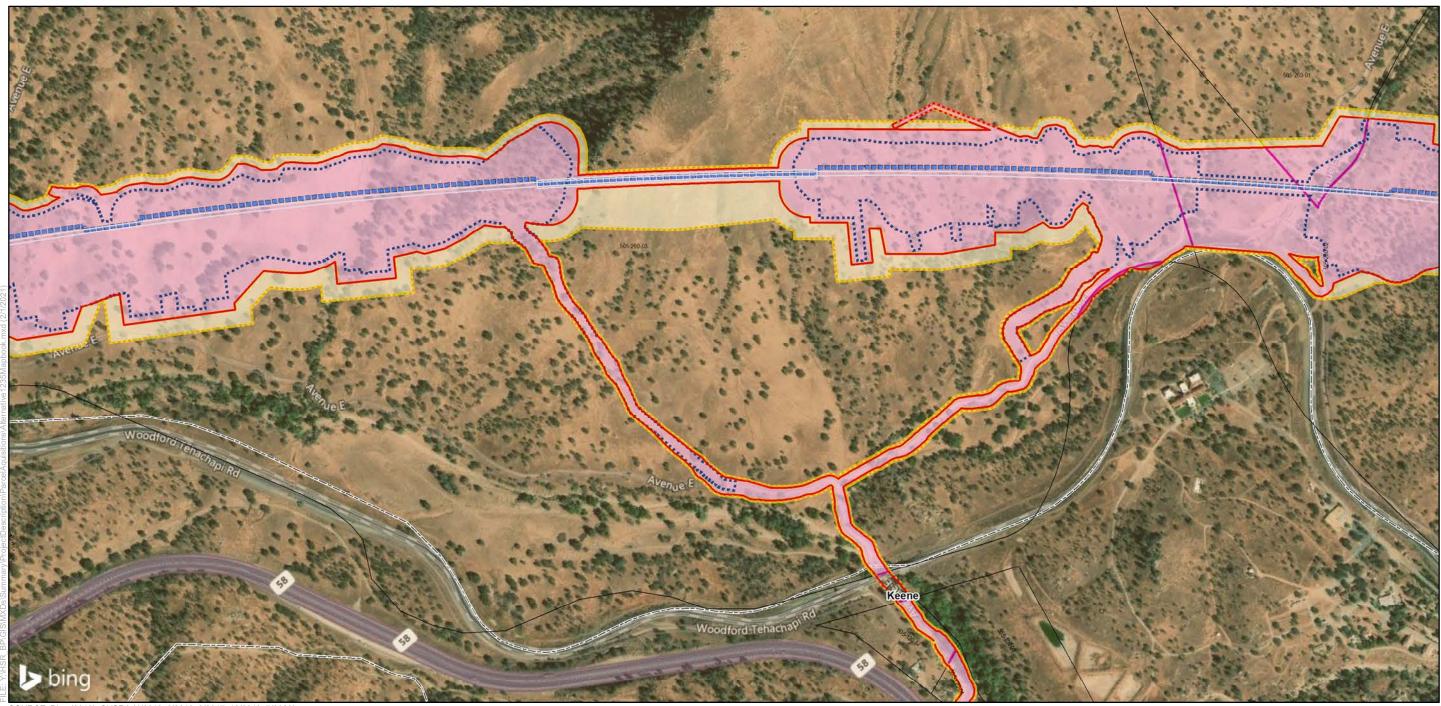


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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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Alternatives 1, 2, 3, 5

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



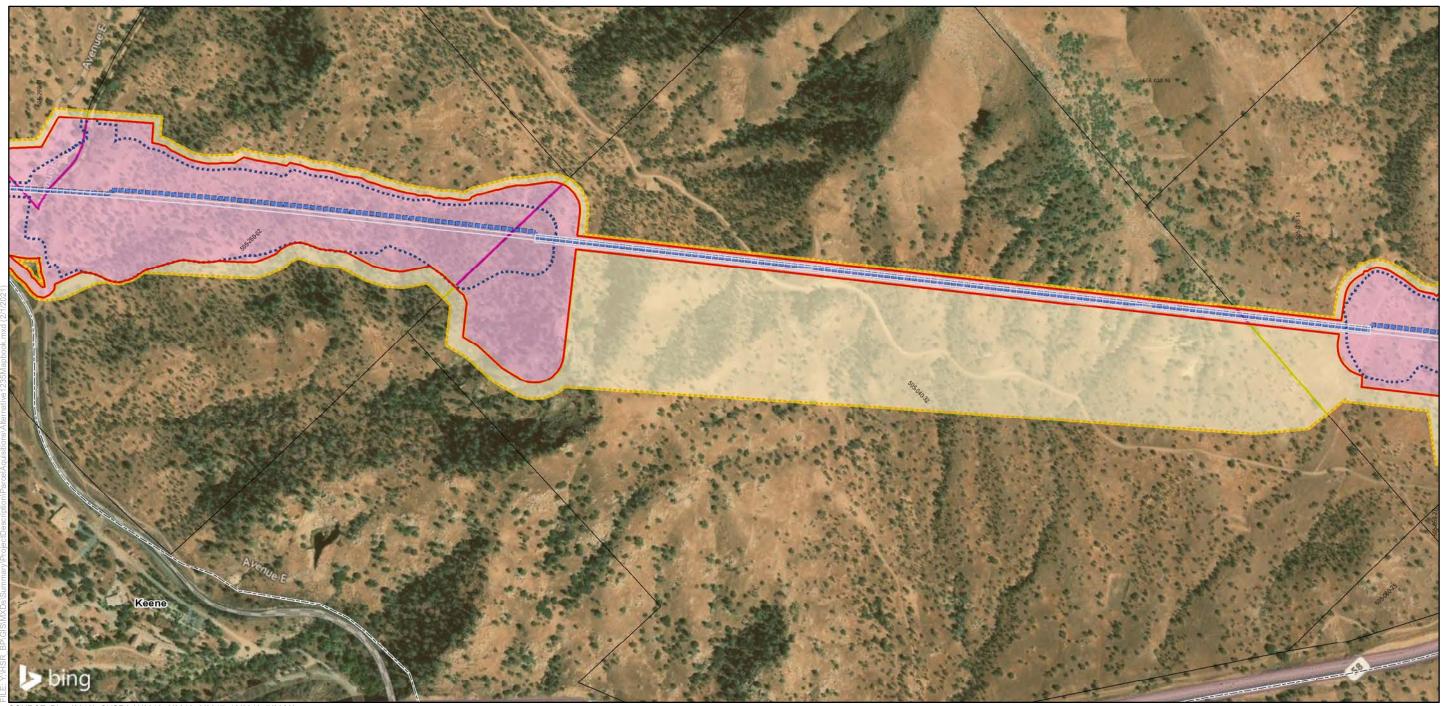
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Alternatives 1, 2, 3, 5

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



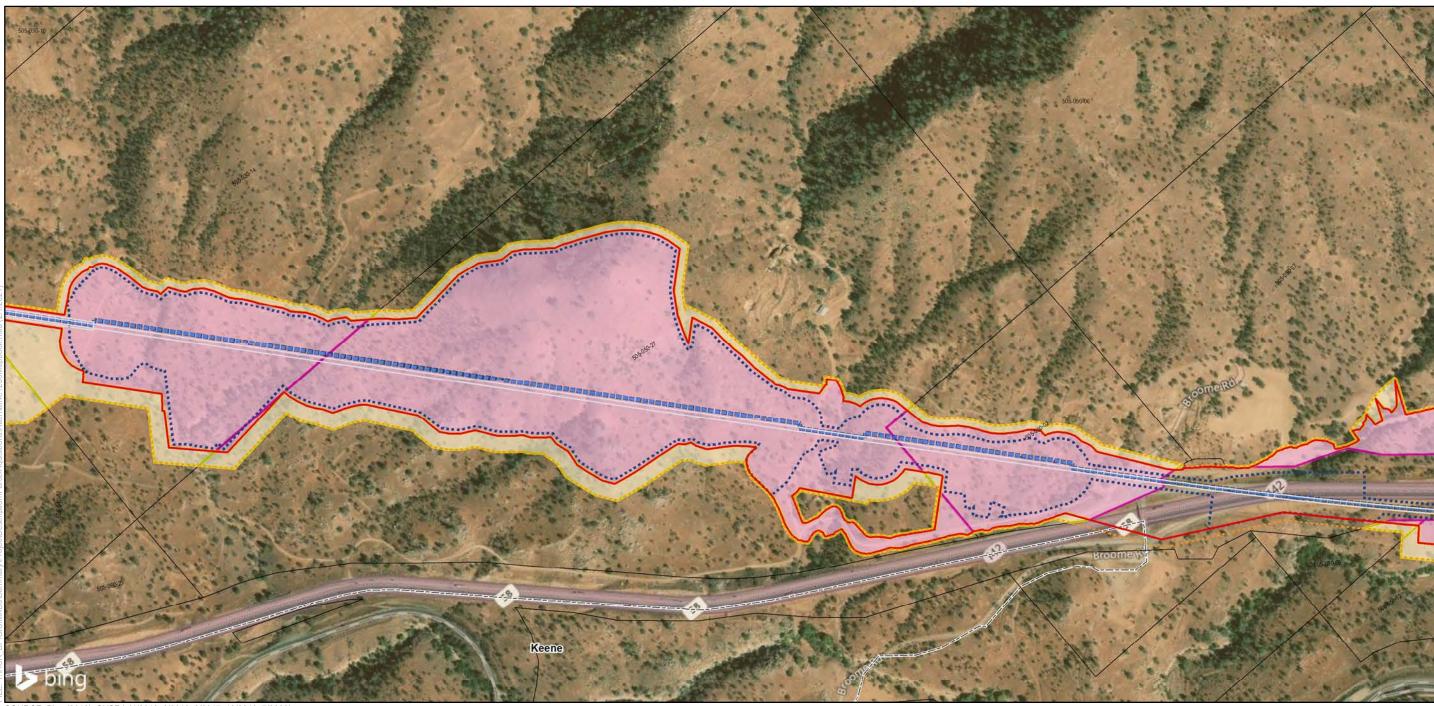
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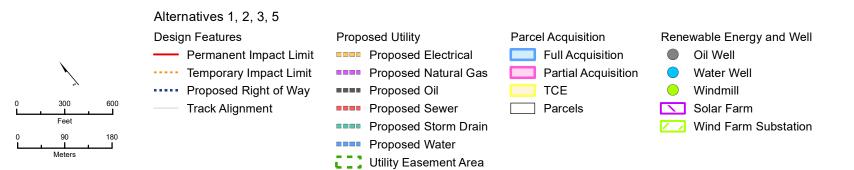
Project Impacts
Alternatives 1, 2, 3, 5

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



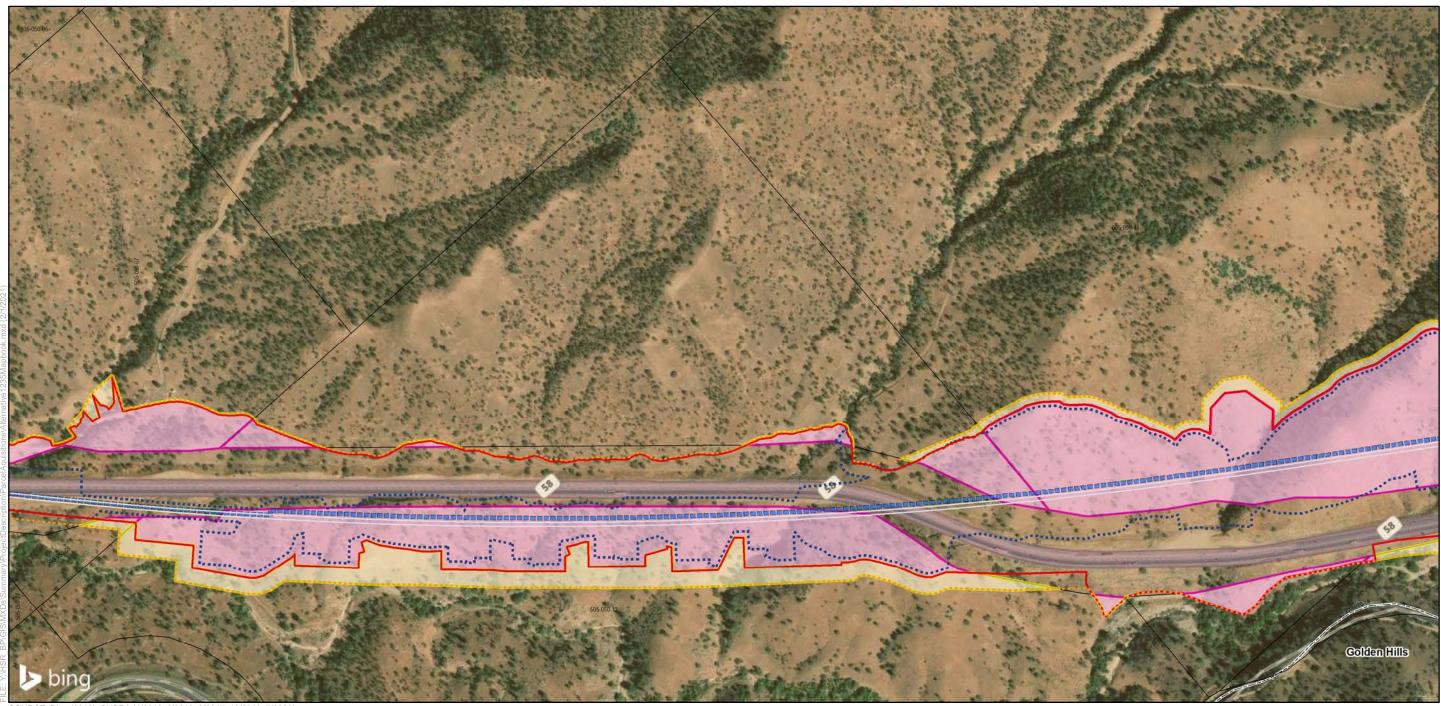
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Alternatives 1, 2, 3, 5

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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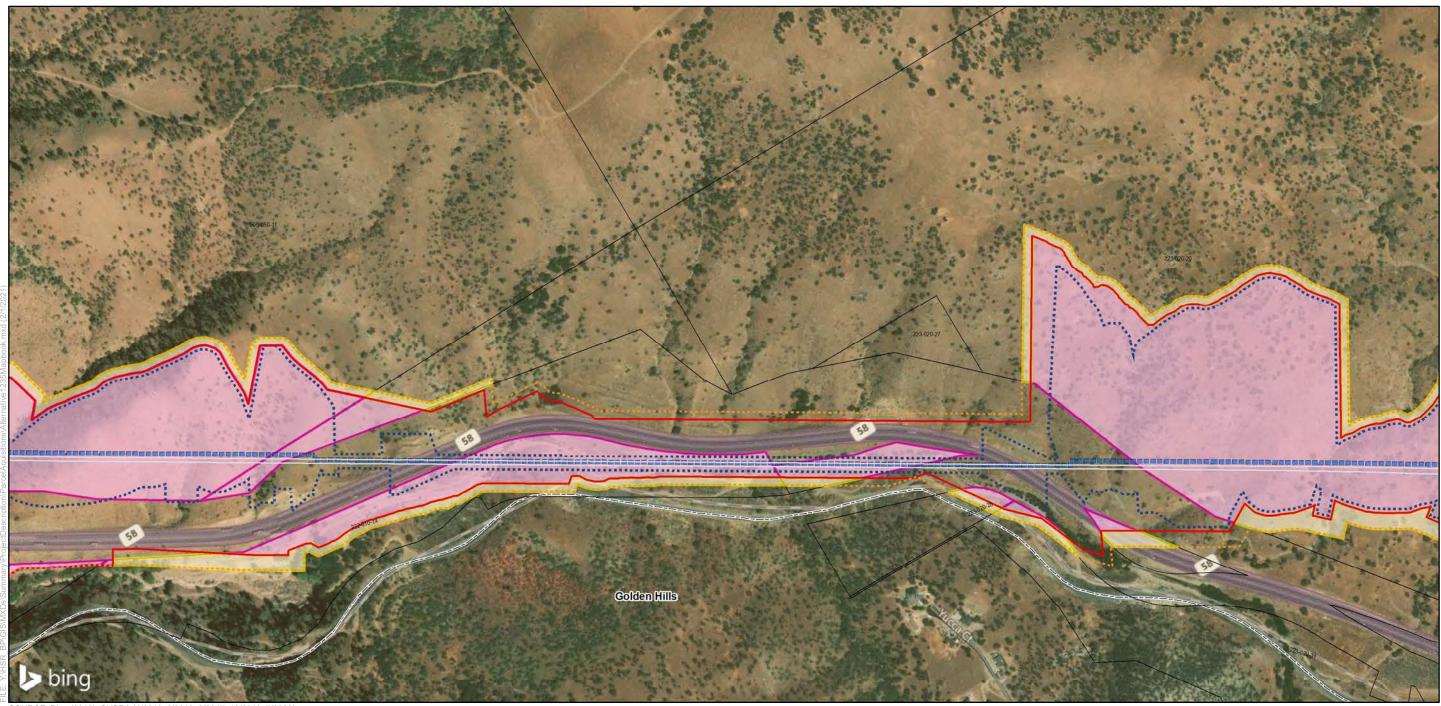
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Fo

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> Project Impacts Alternatives 1, 2, 3, 5

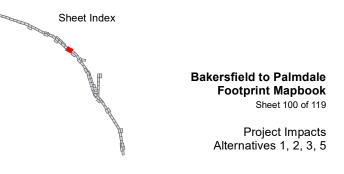
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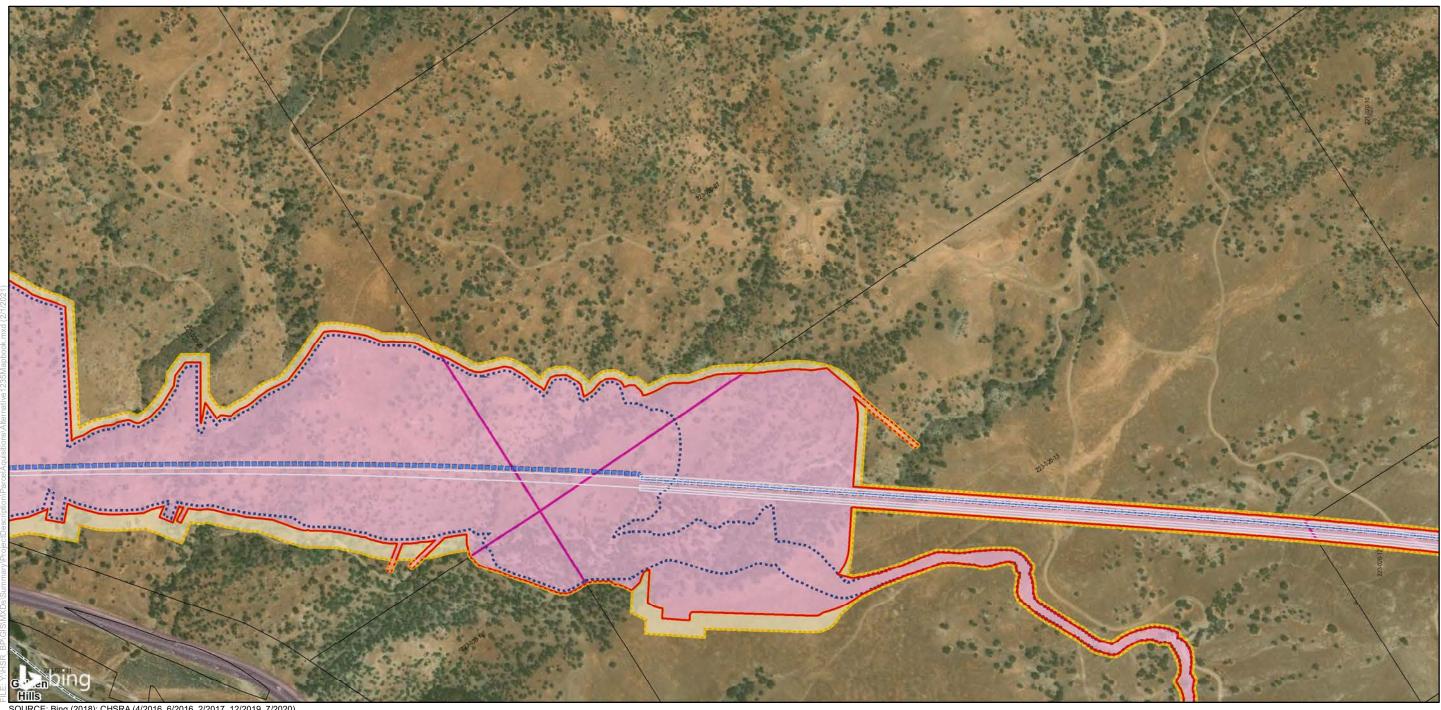
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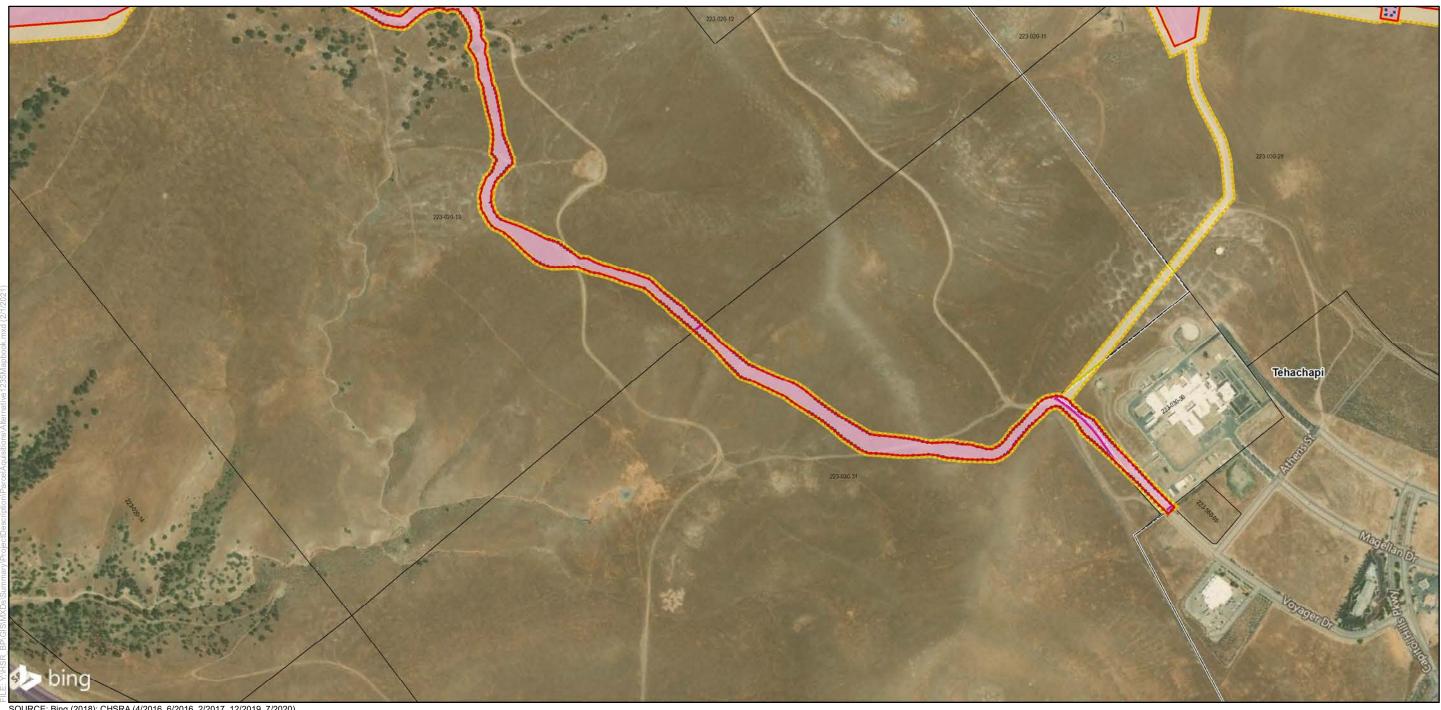
SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



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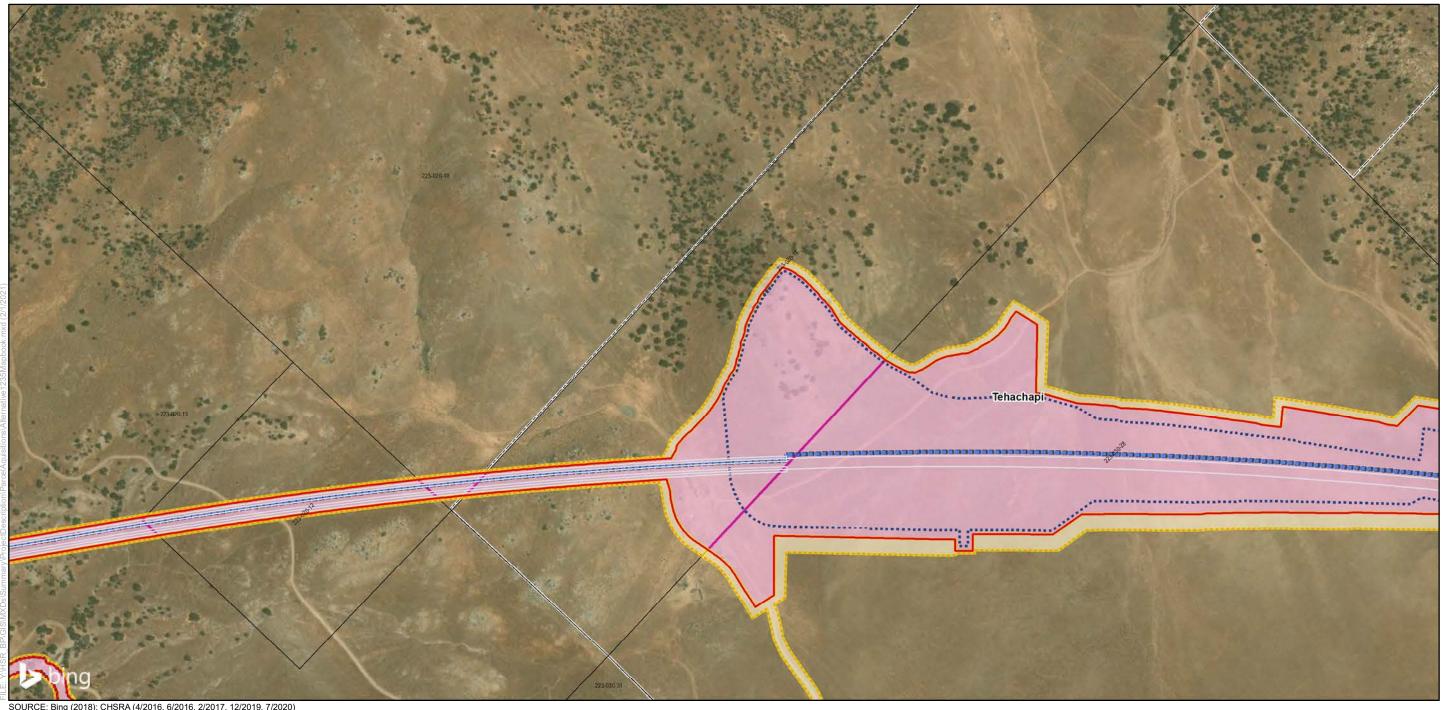
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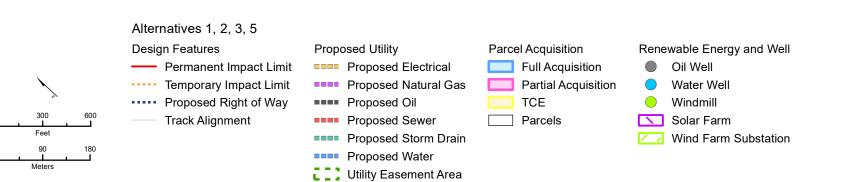
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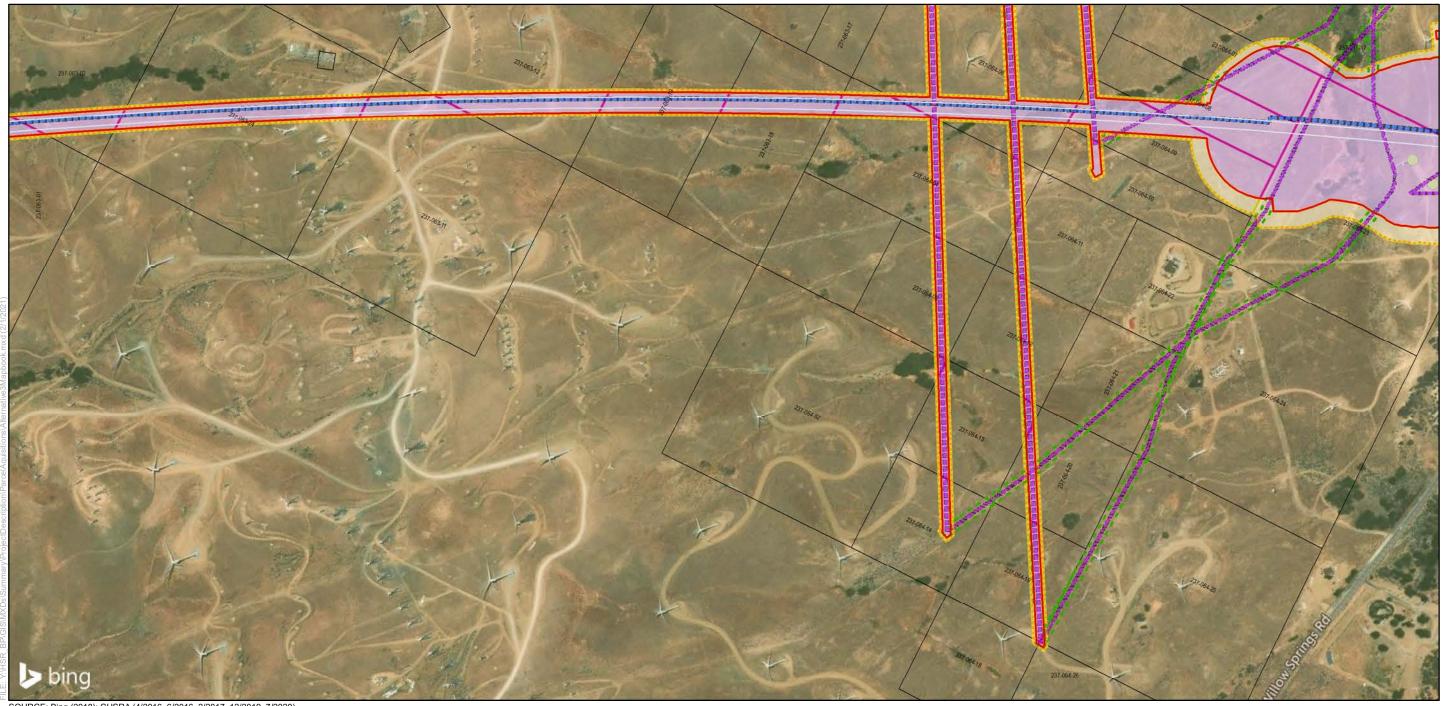
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2019, 7/2020)



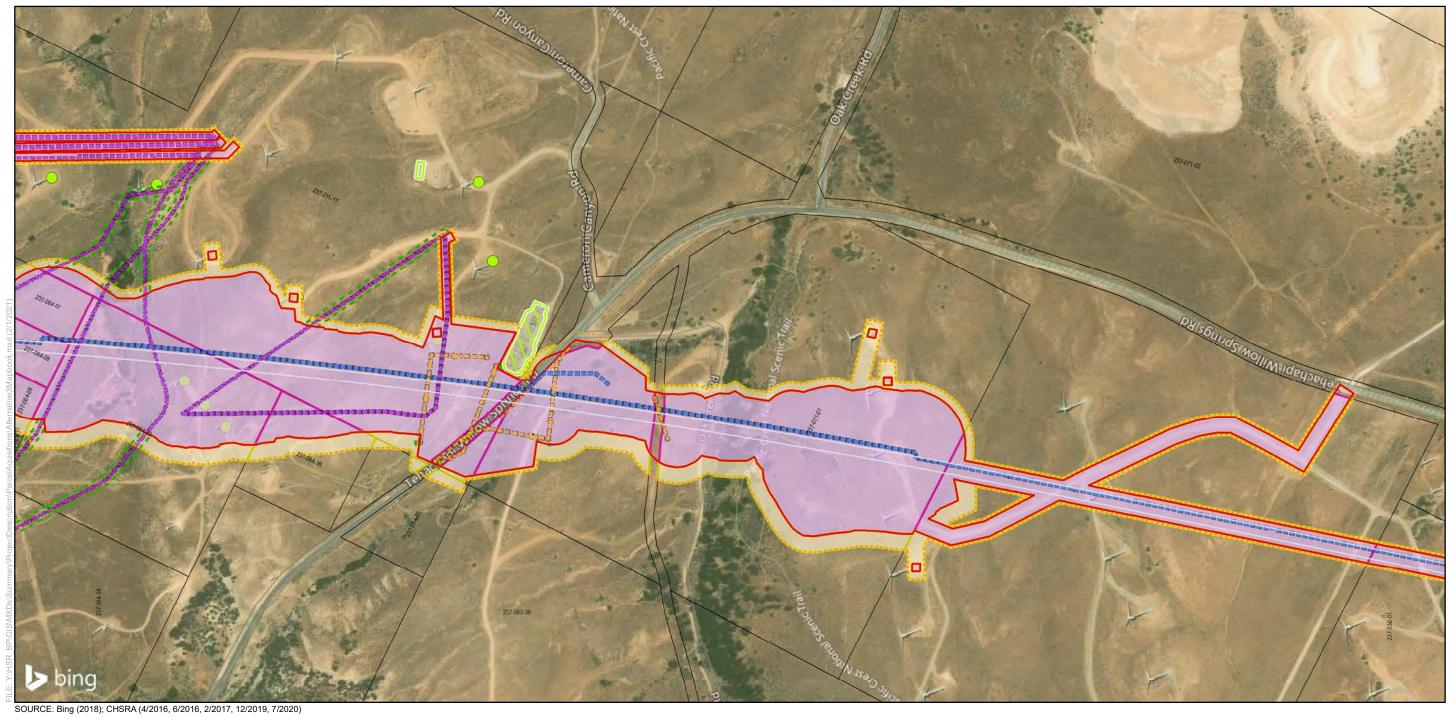
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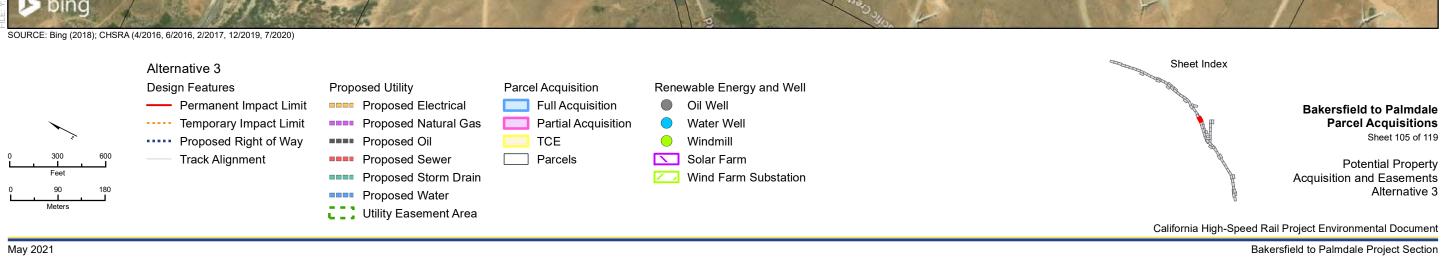
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Acquisition and Easements
Alternative 3

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Bakersfield to Palmdale Project Section





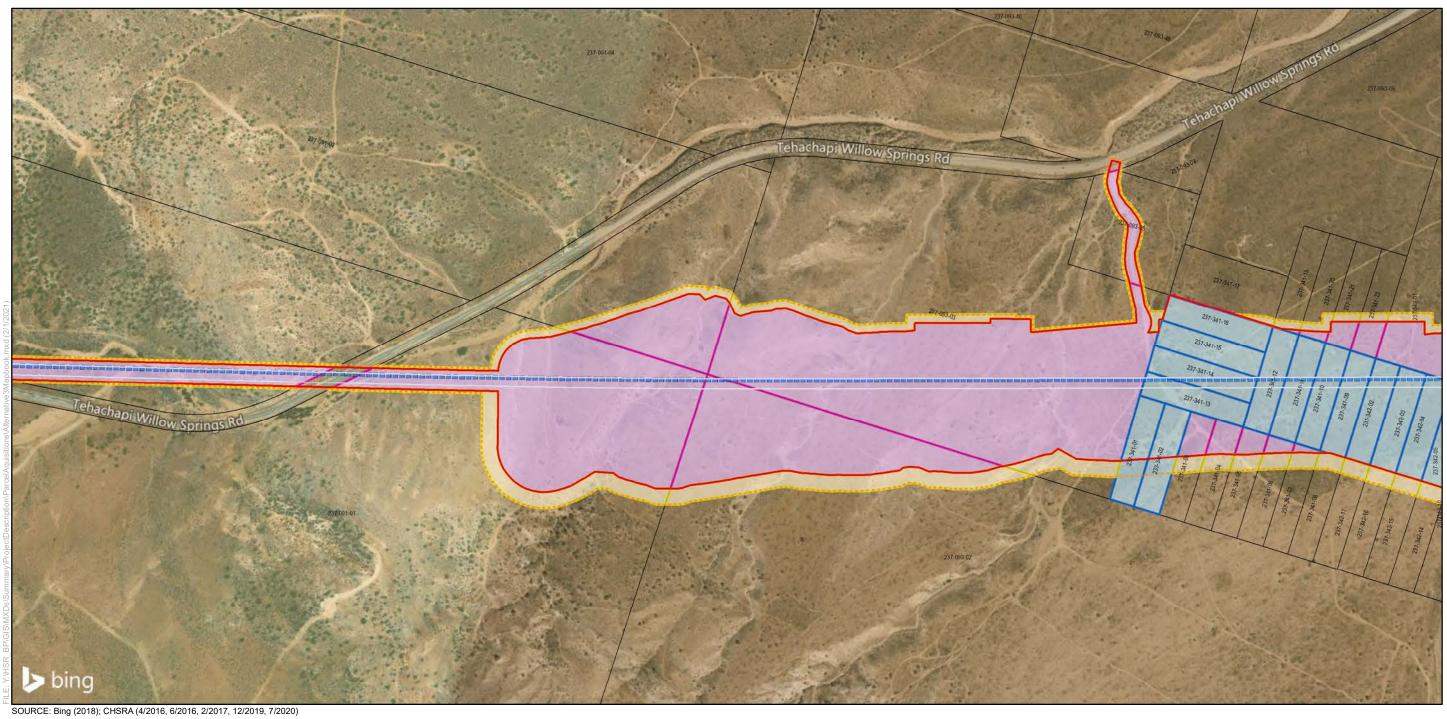


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Potential Property Acquisition and Easements Alternative 3

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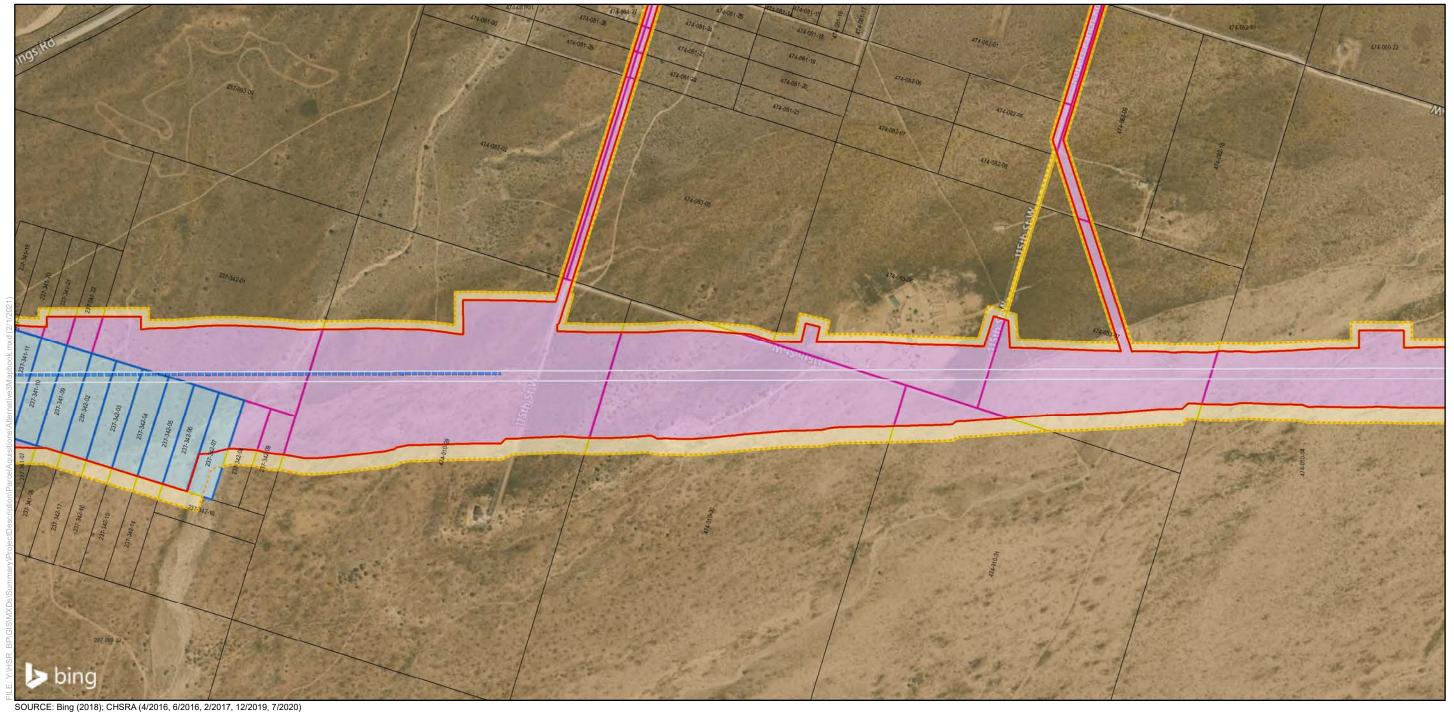


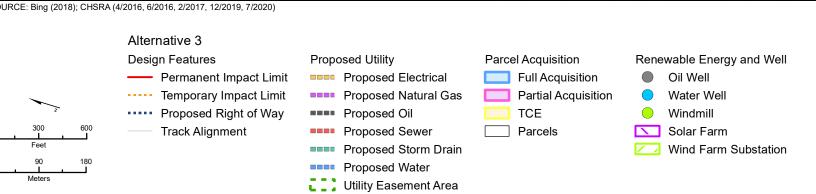
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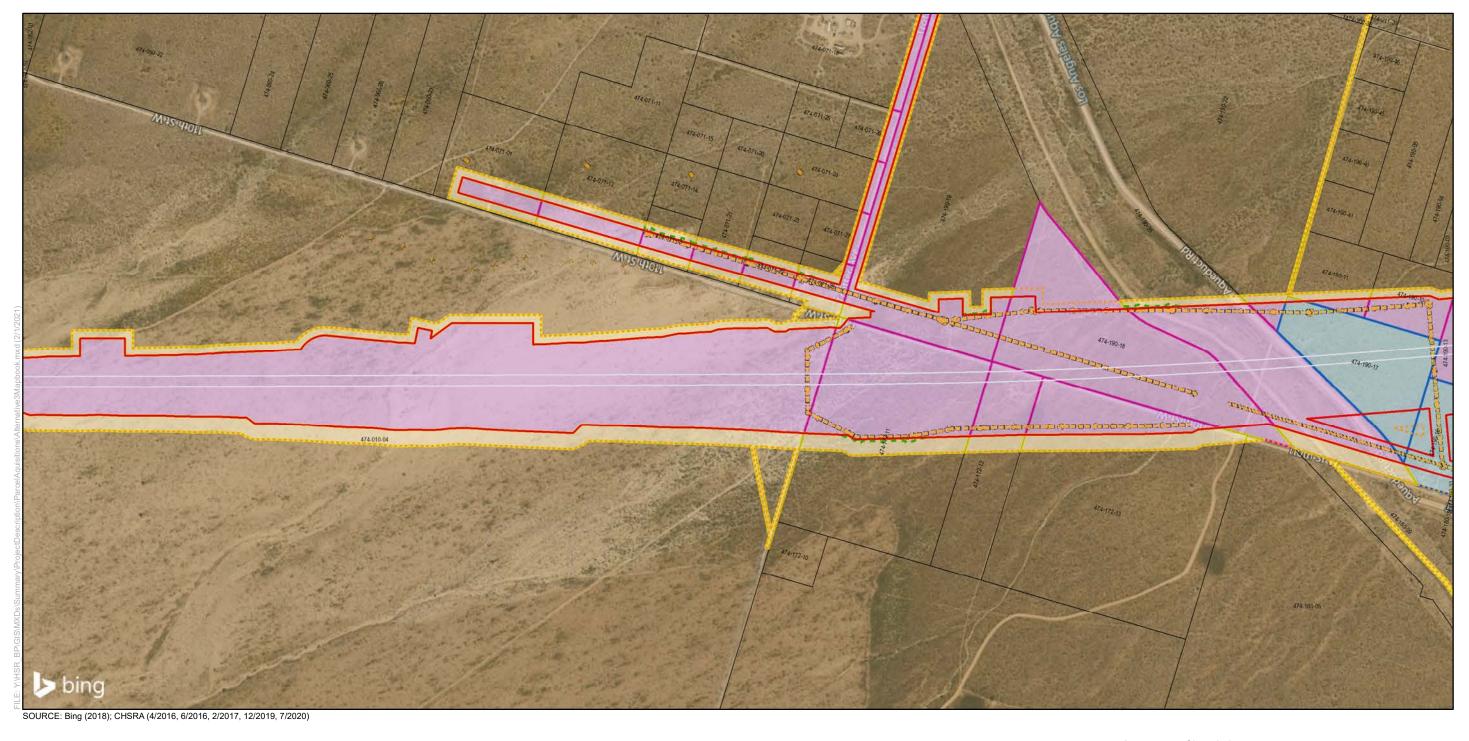
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Potential Property
Acquisition and Easements
Alternative 3

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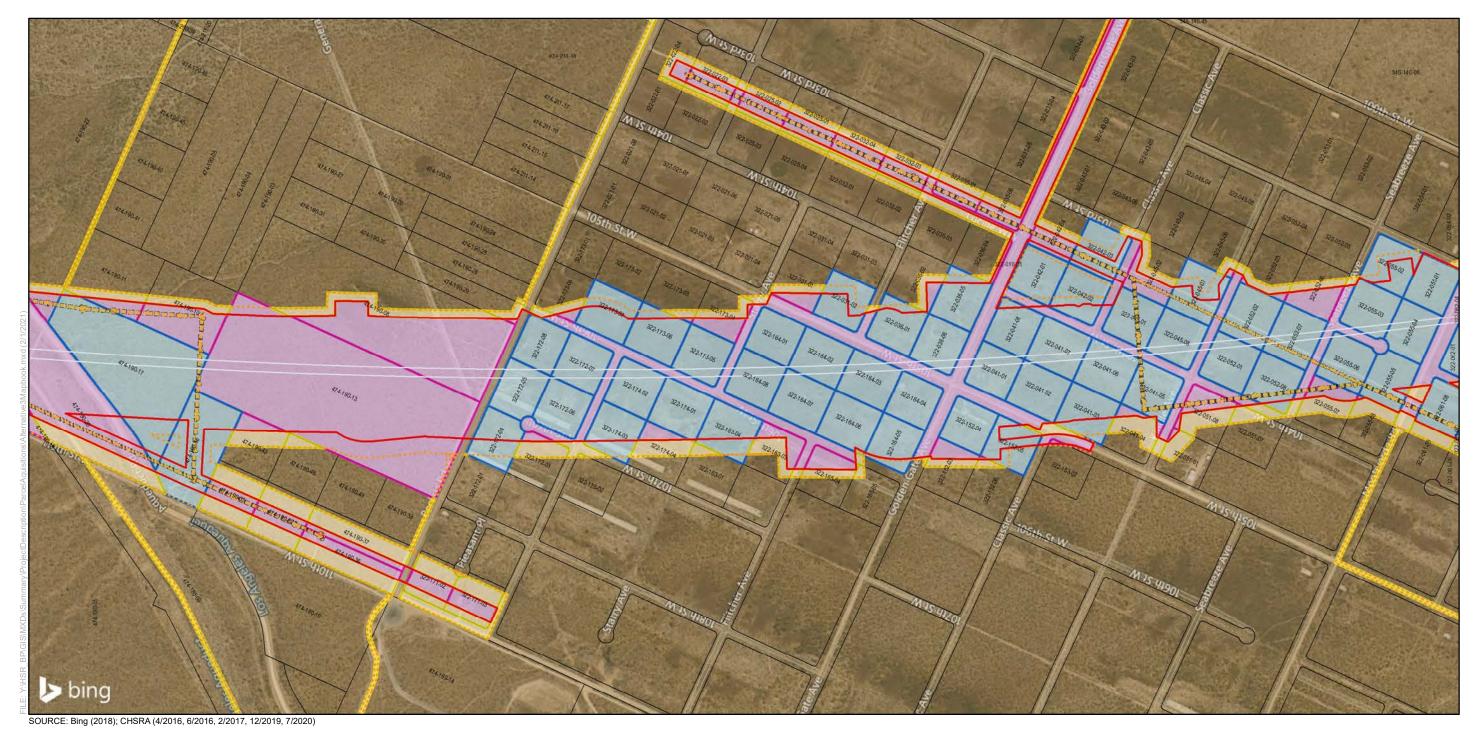
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Potential Property
Acquisition and Easements
Alternative 3

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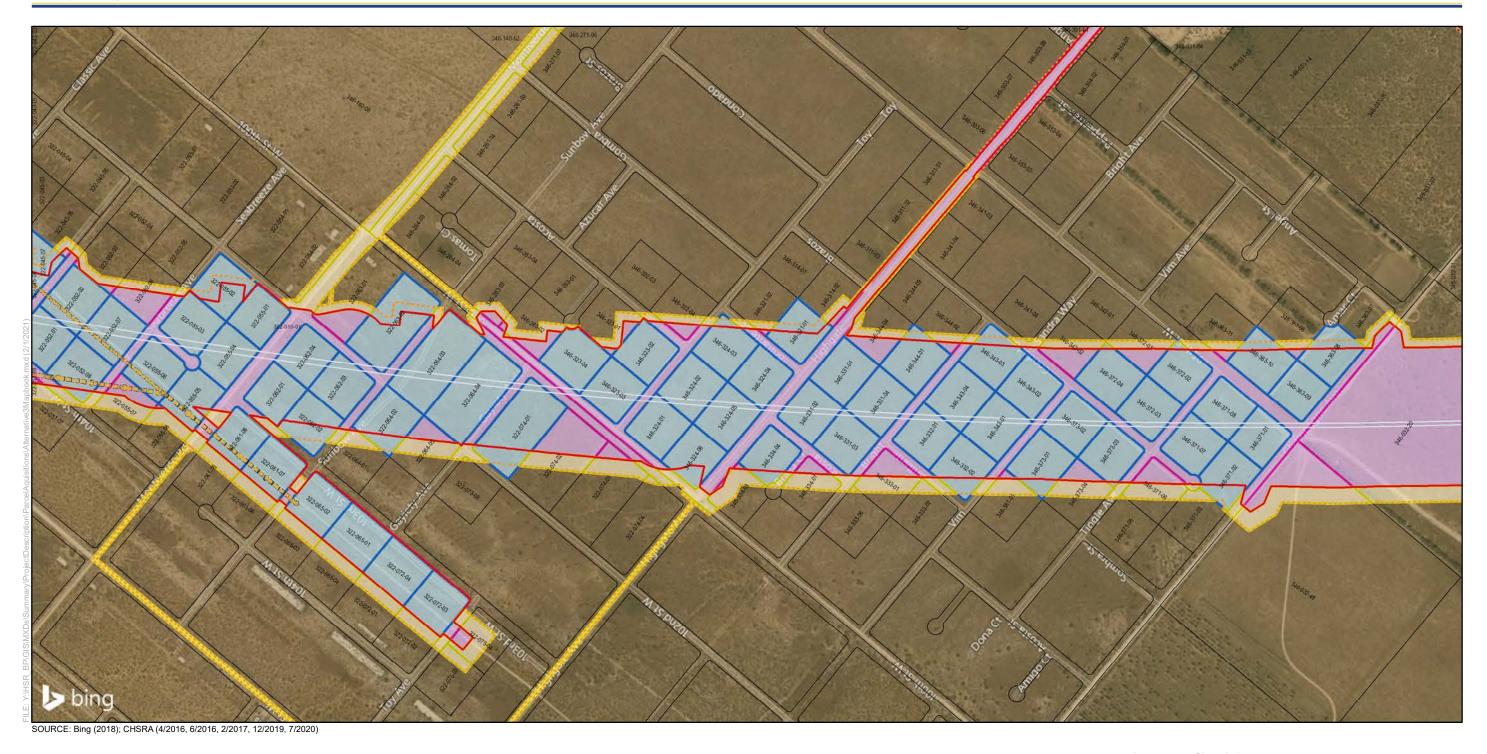
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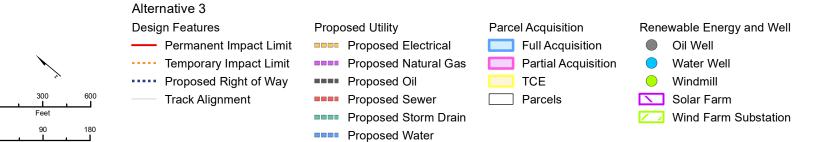
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Acquisition and Easements
Alternative 3

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Utility Easement Area

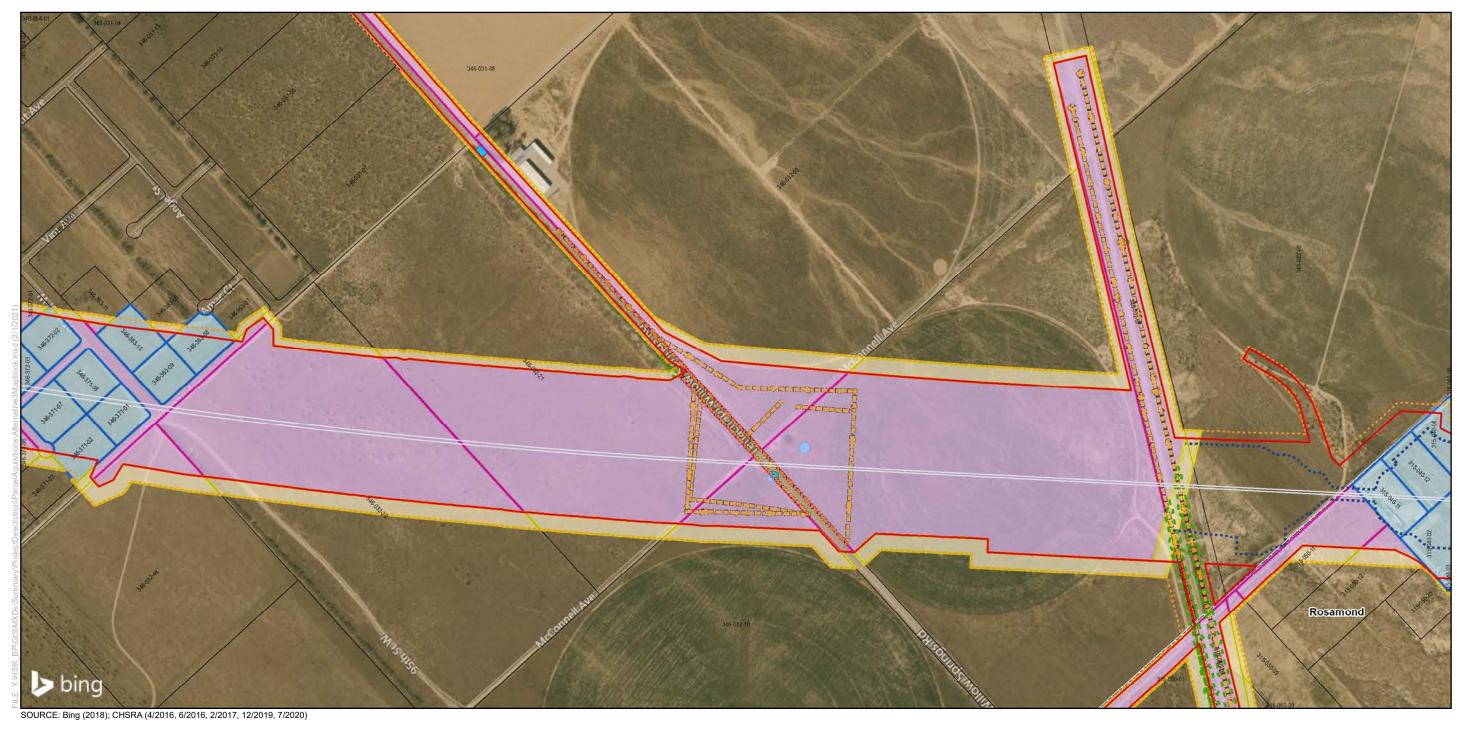
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Potential Property
Acquisition and Easements
Alternative 3

California High-Speed Rail Project Environmental Document







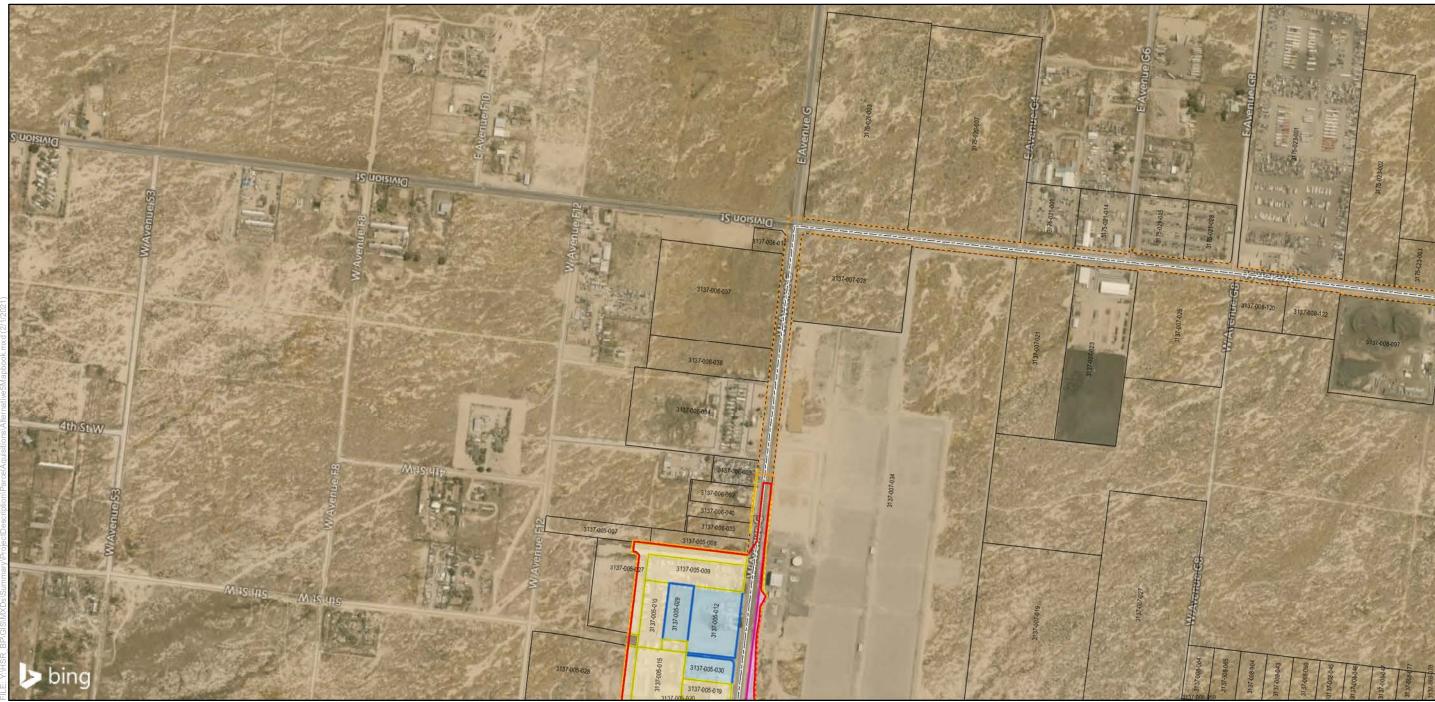
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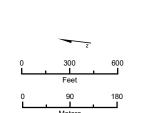
Potential Property
Acquisition and Easements
Alternative 3

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2020. 7/2020)



Design Features Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility
Proposed Electrical
Proposed Natural Gas

Proposed Oil
Proposed Sewer
Proposed Storm Drain
Proposed Water

Proposed Water
Utility Easement Area

Parcel Acquisition F

Full Acquisition
Partial Acquisition
TCE

Parcels

Renewable Energy and Well
Oil Well
Water Well

Solar Farm
Wind Farm Substation

Windmill

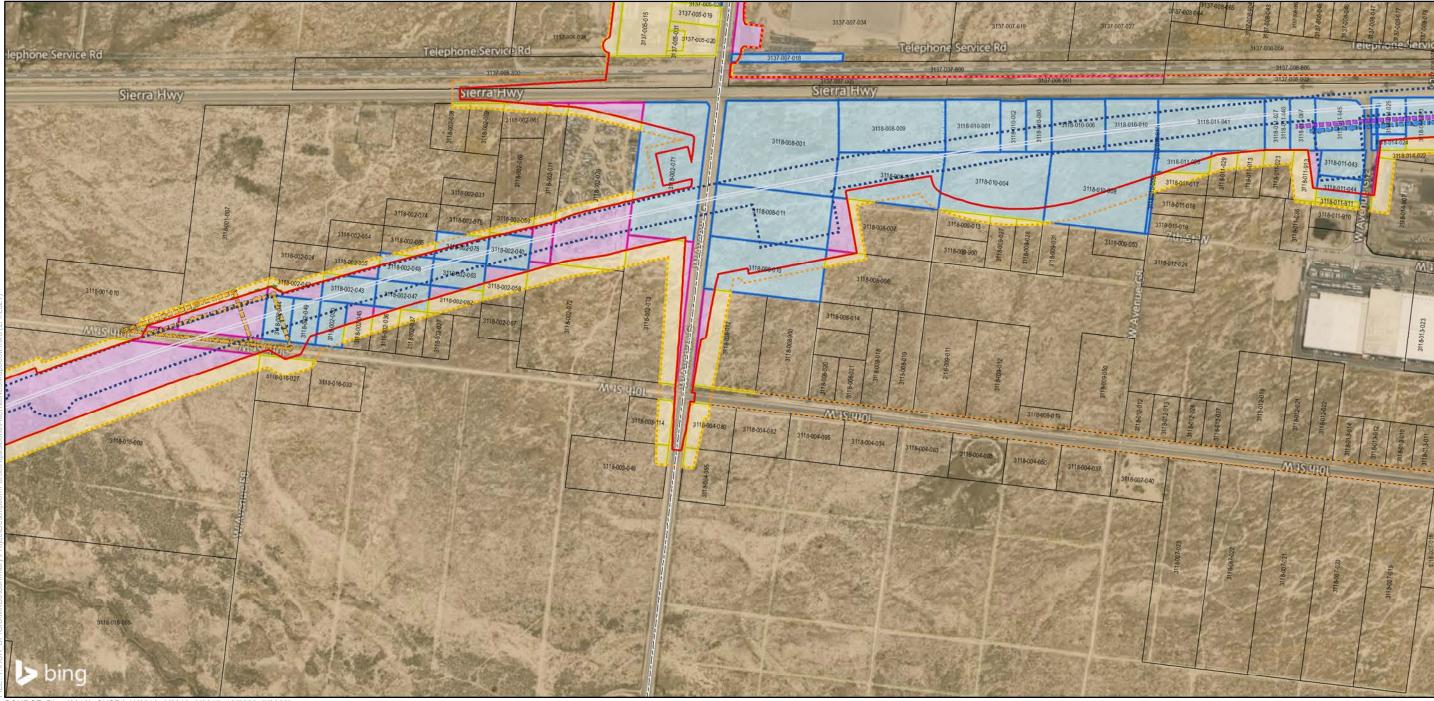
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Potential Property Acquisition and Easements Alternative 5

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2020. 7/2020)

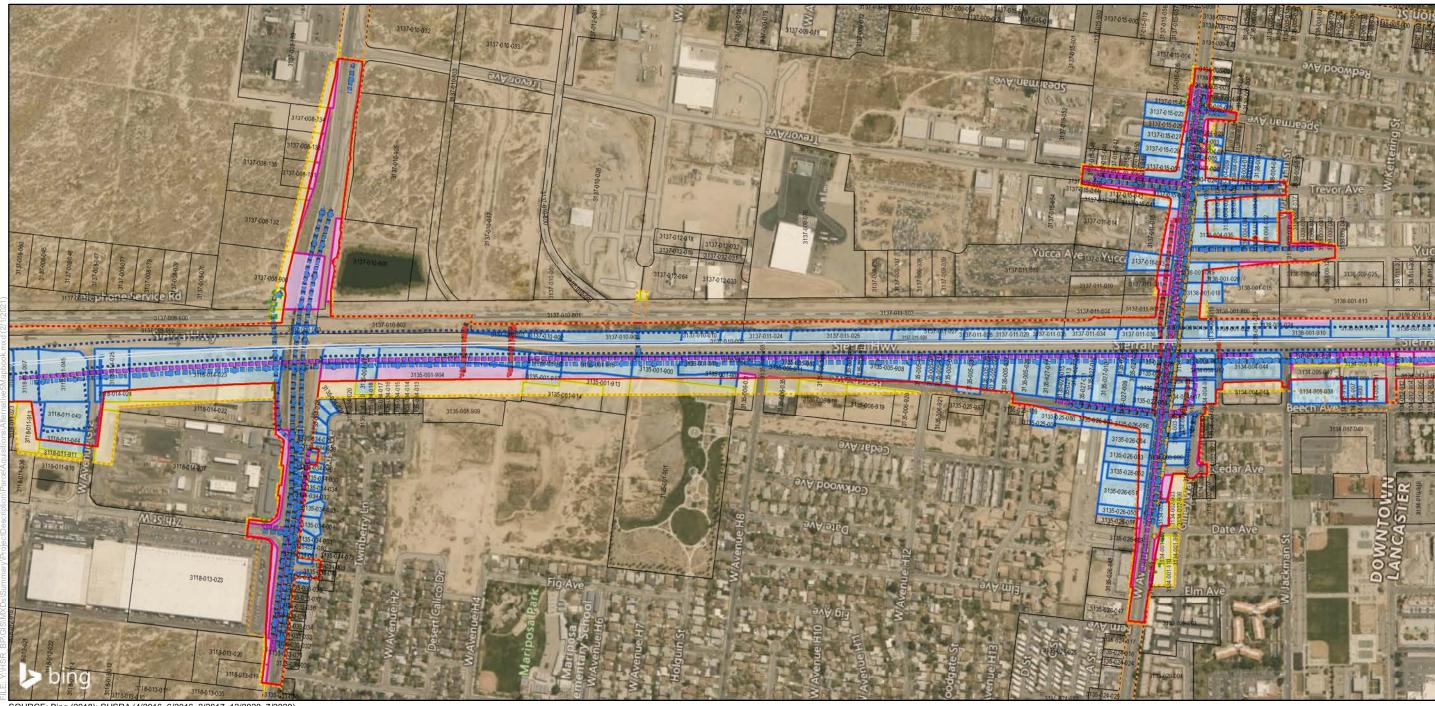


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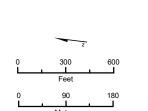
Potential Property Acquisition and Easements Alternative 5

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2020. 7/2020)



Design Features — Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility
Proposed Electrical

Utility Easement Area

Proposed Cilectrical
Proposed Natural Gas
Proposed Oil
Proposed Sewer

Proposed Sewer
Proposed Storm Drain
Proposed Water

Parcel Acquisition

Full Acquisition
Partial Acquisition
TCE

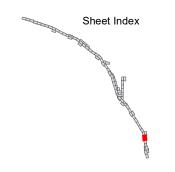
Parcels

Renewable Energy and Well

Oil WellWater Well

WindmillSolar Farm

Wind Farm Substation

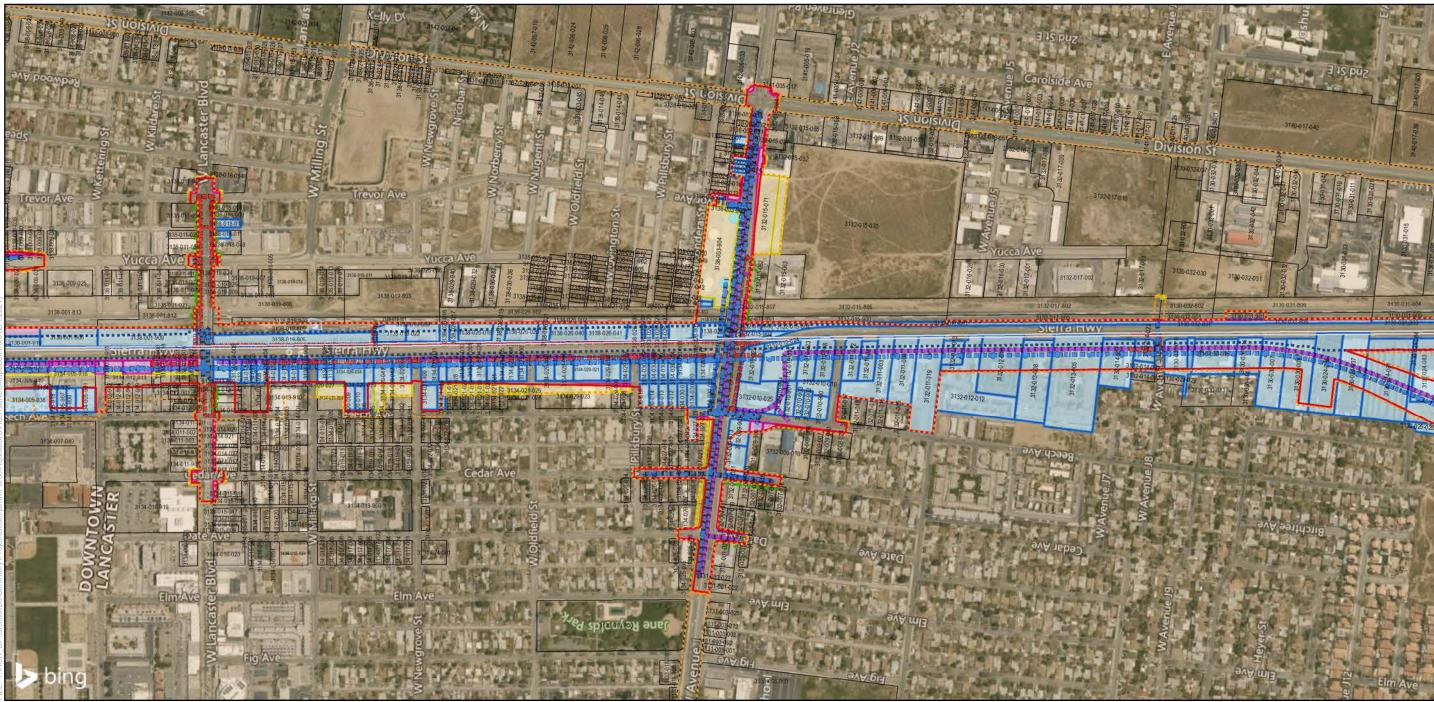


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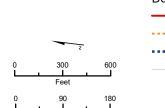
Potential Property Acquisition and Easements Alternative 5

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2020. 7/2020)



Design Features Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

Proposed Utility
Proposed Electrical
Proposed Natural Gas
Proposed Oil

Proposed Sewer
Proposed Storm Drain
Proposed Water
Utility Easement Area

Parcel Acquisition



Parcels

Renewable Energy and Well



Windmill
Solar Farm

Wind Farm Substation

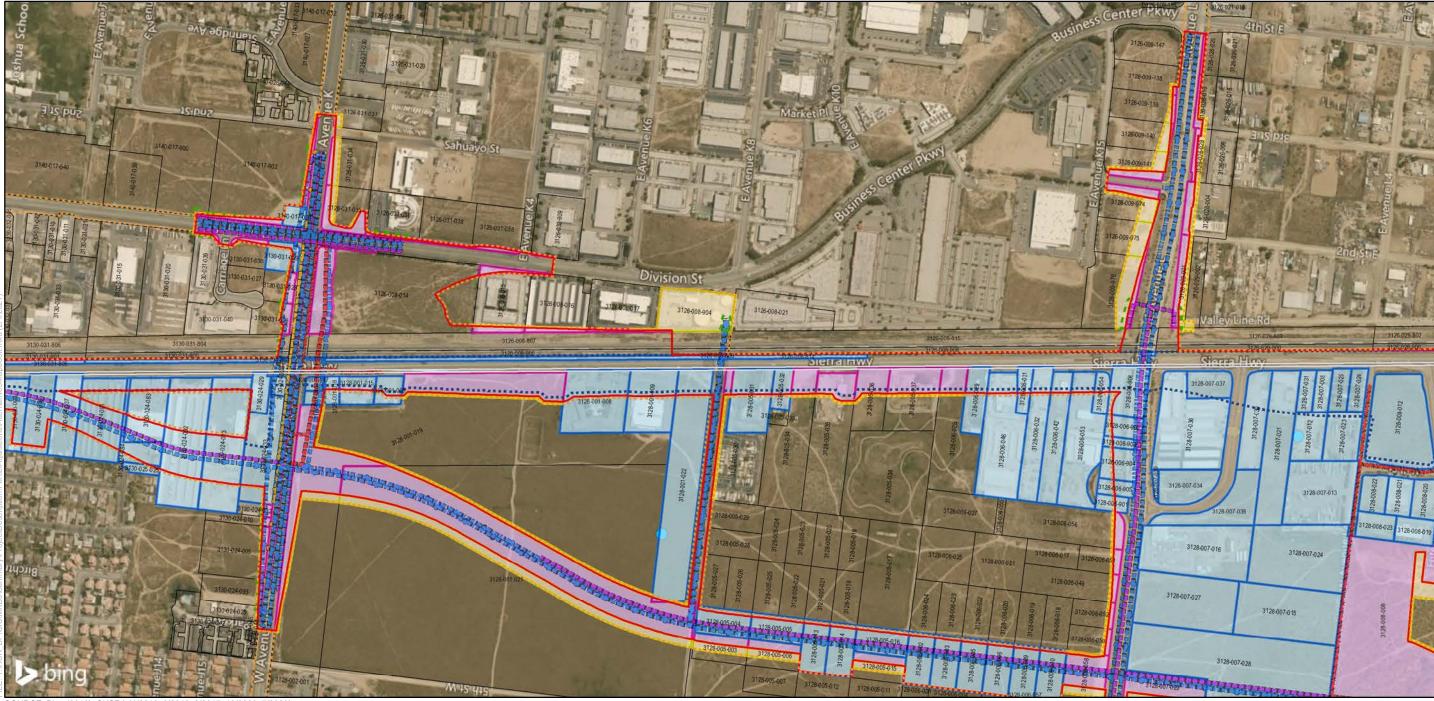


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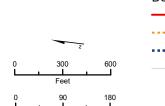
Potential Property Acquisition and Easements Alternative 5

California High-Speed Rail Project Environmental Document





SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2020. 7/2020)



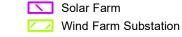
Design Features Proposed Utility Permanent Impact Limit Proposed Electrical Temporary Impact Limit Proposed Natural Gas Proposed Right of Way Proposed Oil

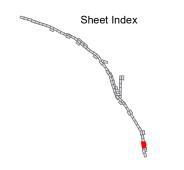


Parcel Acquisition Renewable Energy and Well



Parcels



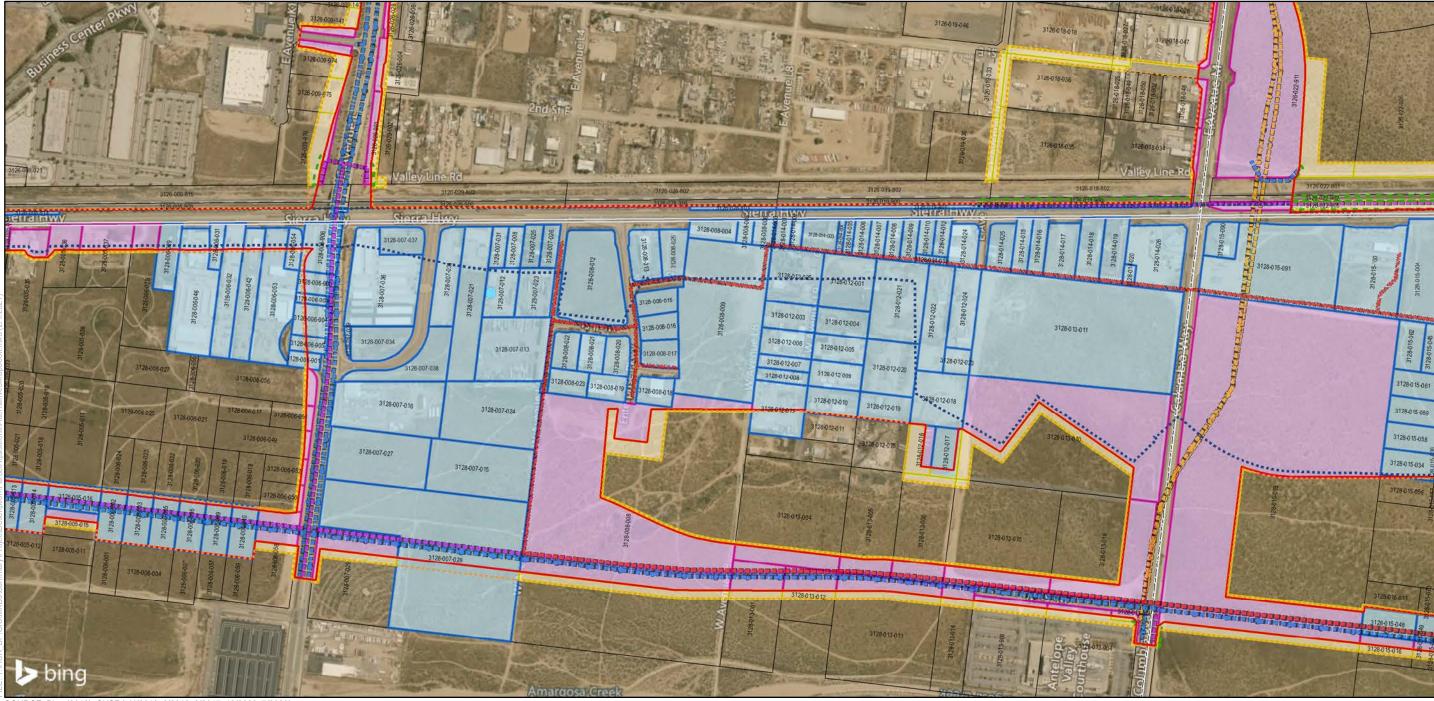


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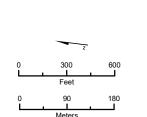
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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2020. 7/2020)



Design Features Permanent Impact Limit Temporary Impact Limit Proposed Right of Way Track Alignment

imit Proposed Electrical
imit Proposed Natural Gas
Vay Proposed Oil
Proposed Sewer
Proposed Storm Drain

Proposed Water
Utility Easement Area

Proposed Utility

Parcel Acquisition
Full Acquisition

Parcels

Partial Acquisition
TCE

Renewable Energy and Well
Oil Well
Water Well
Windmill
Solar Farm
Wind Farm Substation

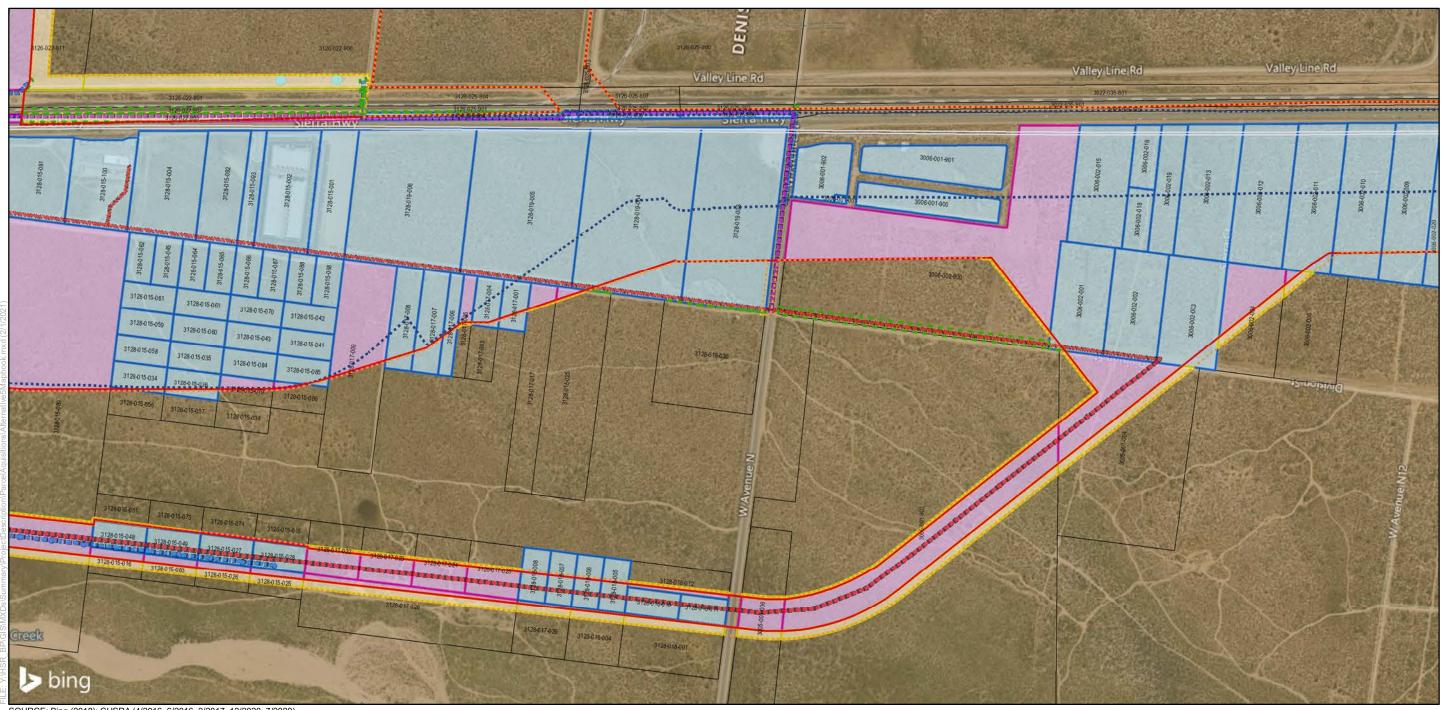
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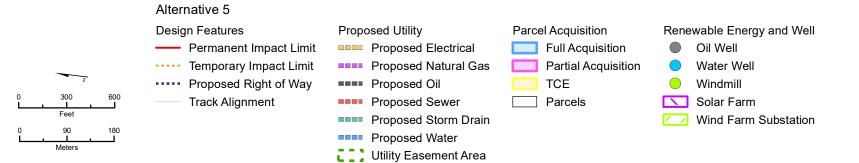
Potential Property Acquisition and Easements Alternative 5

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SOURCE: Bing (2018); CHSRA (4/2016, 6/2016, 2/2017, 12/2020. 7/2020)



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