9.8 Hazardous Materials Technical Memo







MEMORANDUM

To: Mark Ostoich

Gresham Savage Nolan & Tilden, PC

550 E. Hospitality Lane San Bernardino, CA 92408

Date: March 3, 2020

Subject: Burlington Northern Santa Fe Railway (BNSF) Ono Lead Track Extension Project-

Hazardous Materials Assessment

PROJECT UNDERSTANDING

Kimley-Horn and Associates, Inc. (Kimley-Horn) as requested by Burlington Northern Santa Fe Railway (BNSF) is contracted to provide an assessment of the potential for hazardous materials for the BNSF Ono Lead Track Extension Project in the City of San Bernardino, in Township 1 North, Range 4 West and Township 1 South Range 4 West, San Bernardino Baseline and Meridian (see Exhibit 1).

The Project site is comprised of two dis-contiguous segments (i.e., southern and northern). The southern segment (southern track segment) comprises most of the Project site, is separated from the northern track segment by approximately 1.2 linear miles. The proposed fourth lead track would be constructed within/along approximately 4.3 miles of existing BNSF corridor generally from the BNSF overpass at State Street/University Parkway on the north to the existing SBD Intermodal A Yard at West 5th Street on the south. The existing approximately 0.18-mile A Yard lead track, which runs parallel to three existing mainline tracks, would be extended by approximately 4.3 miles. Inclusive of the proposed extension, the lead track would total approximately 5.6 miles.

The Project proposes to install a fourth lead track extending the existing BNSF San Bernardino Intermodal Facility (SBD Intermodal) A Yard (A Yard) lead track to two existing Ono Storage Sidings. A continuous lead track would be created, closing the existing gap between the Ono Storage Sidings and improving the flow of trains in and out of the A Yard. The Project does not propose to increase rail line operations; instead it would improve the A Yard's operational efficiency by: improving the A Yard's ability to assemble and hold outbound trains, as well as move around railroad cars without obstructing mainline movements; reducing train congestion along the existing lead tracks; and reducing train idling, as they wait to enter and exit the A Yard. With the proposed improvements, the A Yard would have capacity to assemble and hold outbound trains and switch out the yard without fouling the mainline. Various improvements/modifications (i.e., stormwater drainage/water quality, circulation/roadway, signal, sound walls, and utility) that are ancillary and related to the lead track extension are also proposed.

To accommodate the proposed improvements partial and full property acquisitions would be required outside the BNSF corridor, and City right-of-way (ROW) within the BNSF corridor would be vacated and conveyed to the track owner. Project construction is proposed to occur in one phase and is anticipated to begin in 2020 and be completed in 2023.



PURPOSE

The purpose of this letter is to provide an initial assessment of the likelihood of the presence of hazardous substances or petroleum products on the Site under conditions indicative of an existing release, past release, or a material threat of a release that could affect the Site, based on a review of regulatory agency databases and a site visit. This assessment is **not consistent** with the American Society for Testing and Materials (ASTM) Standard Method E 1527-13 and should be used for planning purposes only. For the purposes of this assessment, the Site is limited to the BNSF ROW and parcels that would be acquired (either partially or fully) by BNSF to accommodate the Project's improvements.

SCOPE OF SERVICES

The scope of services for this assessment consisted of 1) an environmental database search and 2) a site visit.

ENVIRONMENTAL DATABASE SEARCH

Kimley-Horn performed a regulatory database search of the Department of Toxic Substances Control EnviroStor website (http://www.envirostor.dtsc.ca.gov/public/) and the State Water Resources Control Board's (SWRCB) GeoTracker website (http://geotracker.waterboards.ca.gov/) to identify hazardous material regulated facilities within or proximate to the Site.

SITE RECONNAISSANCE

Reconnaissance Information	
Kimley-Horn Field Personnel	Karina Fidler AICP, CPESC
Site Reconnaissance Date	March 22, 2018
Weather Conditions	Cloudy with intermittent rain
Escort	Ms. Fidler was not escorted during her site visit
Limitations	Properties were viewed from the perimeter of the Site. The
	interior of properties were not accessible.

SUBJECT PROPERTY OBSERVATIONS

The BNSF ROW consists of an existing three and four track railroad system with associated signal poles, electrical poles, and cabinets. The Project area consists of older residential and commercial uses. The Project rail line is part of BNSF's east-west California freight rail network. The railroad tracks consists of steel rails, fasteners, railroad ties, ballast (the gravel trackbed on which the track and ties are laid), and underlying subgrade. Signals and signal bridges are situated along the BNSF ROW.

The properties adjacent to the BNSF corridor where ground disturbances or property acquisitions are required include industrial, commercial, and single-family residential land uses, as well as City ROW. There are also some vacant/disturbed lots interspersed between throughout. Various underground and overhead utility lines, as well as stormwater drainage improvements, are present within the BNSF ROW and adjacent properties. Ground photographs are included in **Attachment A.**

ANALYSIS AND CONCLUSIONS

Kimley-Horn's review of the referenced databases also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites



identified in the regulatory database search present an environmental risk to the subject property, Kimley-Horn considered the following criteria:

- The topographic position of the property relative to the subject property;
- The direction and distance of the identified facility from the subject property;
- Local soil conditions in the subject property area;
- The known and/or inferred groundwater flow direction and depth in the subject property area.
- The status of the respective regulatory agency-required investigations and/or cleanup associated with the identified facility; and
- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property and/or warrant additional clarification are further evaluated. Using the referenced criteria, and based upon a review of readily available information contained within the regulatory database search and our site visit, Kimley-Horn identified the following sites that have the potential to be acquired (partial or full take) as part of the proposed Project that were judged to present a potential environmental risk to the subject property. Here is a brief summary of those records:

- Breland Tours and Transportation (APN 0144-061-20 2181 Cajon Blvd.) This property is listed as a potential partial take to accommodate proposed drainage improvements. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the SWRCB GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). From the perimeter, this facility appears to be a bus storage yard and possibly a bus or auto maintenance facility. Google Earth imagery (accessed January 9, 2019) shows bus and auto storage with several debris (trash and auto parts) piles scattered throughout the property. Given this facility's current use and associated hazardous material storage, this facility is considered an environmental concern for the subject Site.
- Benson Construction (APN 144-061-22 2175 Cajon Blvd.) This parcel is listed as a potential partial take to accommodate proposed drainage improvements. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). From the perimeter, this facility's current use is unclear. Google Earth imagery (accessed January 9, 2019) shows some auto storage with a large vacant area void of vegetation at the back of the property. Given this facility's current use is unknown, but aerial imagery shows that there could be current or past use of hazardous materials, this facility is considered an environmental concern for the subject Site.
- Daniel Brown's Lawnmower Repair and Sales (APN 0144-061-32 and 0144-061-33 2059 Turrill Ave.) –These properties would be acquired to accommodate the proposed Project. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). From the perimeter, this facility appears to have several piles of auto parts, scrap metal, tires and office equipment. Google Earth imagery (accessed January 9, 2019) shows auto storage with several debris (auto parts) piles scattered throughout the property.



Given this facility's current use and the potential for associated hazardous material storage, this facility is considered an environmental concern for the subject Site.

- Unknown (APNs 0144-061-31 and 0144-061-15) These properties would be acquired to accommodate the proposed Project. These sites are not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). These sites appear to be associated with Daniel Brown's Lawnmower Repair and Sales. The perimeter of these lots was not accessible. Google Earth imagery (accessed January 9, 2019) shows several debris (trash and landscape materials) piles scattered throughout the property. Given these facilities' potential association with Daniel Brown's Lawnmower Repair and Sales and the potential for hazardous material storage, these sites are considered environmental concerns for the subject Site.
- Vacant lots (APNs 0144-061-14, 0144-061-35, 0144-061-07) APNs 0144-061-14 and 0144-061-07 are listed as potential partial takes. APN 0144-061-35 is listed as a required full take. These sites are not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/accessed on January 9, 2019). These sites appear to be vacant; however, trash and debris piles (household trash and abandoned vehicles) were scattered throughout the properties. Given the potential for hazardous waste to have been discarded on these properties in the past, these properties are considered an environmental concern for the subject Site.
- Vacant lots (APNs 0144-061-36 and 0144-061-37) APN 0144-061-36 is listed as a required full take. A portion of APN 0144-061-37 is also listed as a required full take. These sites are not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). These sites appear to be vacant; however, trash and debris piles (household trash, tires, mattresses) were scattered throughout the properties. There was also what appeared to be a homeless encampment underneath the Massachusetts Avenue overpass located on these sites. Given the potential for hazardous waste to have been dumped on these lots in the past, these lots are considered an environmental concern for the subject Site.
- Nationwide RV & Self Storage (APNs 0144-091-10 and 0144-091-01). These parcels are listed as potential full takes to accommodate proposed drainage improvements. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). From the perimeter, this facility appears to be a self-storage and auto storage facility. Google Earth imagery (accessed January 9, 2019) shows bus and auto storage with a large dirt pile at the back of the building and storage of mechanical equipment. Given this facility's current use and the potential for associated hazardous material storage, this facility is considered an environmental concern for the subject Site.
- Southern California Edison (APNs 0144-131-10 and 0144-131-45). No acquisition of these parcels is anticipated at this time. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). An electrical substation and



several large transformer boxes and cabinets are on this property. The substation was not accessible; however, viewed from the fence, there appeared to be no staining in association with the transformer or cabinets. However, given the potential for PCBs and this facility's location adjacent to the Site, this facility is considered an environmental concern for the subject Site.

- Unknown (APN 0144-222-54) This parcel is listed as a required partial take. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). From the perimeter, the site appears to store large roll off dumpsters. Google Earth imagery (accessed January 9, 2019) also shows dumpster storage and potential storage of large shipping containers. Given this facility's current use and the potential for associated hazardous material storage, this facility is considered an environmental concern for the subject Site.
- Brickley Environmental (the sign on the side of one of the buildings is Rayne Water Conditioning) (APNs 0144-232-30, 0144-222-54, 0144-232-25 and 0144-232-26) Acquisition of these parcels would be required to accommodate the Project. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). According to Brickley Environmental's website (brickleyenv.com), they are a mold remediation, demolition, hazardous waste removal and asbestos abatement servicing company. From the perimeter, the site appears to store large trailers and dumpsters. Google Earth imagery (accessed January 9, 2019) also shows dumpster and trailer storage. Given this facility's current use and the potential for associated hazardous material storage, this facility is considered an environmental concern for the subject Site.
- Bumper Tech (APN 0139-092-10 1111/1131/1155 Harris Street) This parcel is listed as a required full take. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). From the perimeter, the site appears to be auto and parts storage. Google Earth imagery (accessed January 9, 2019) also shows auto and parts storage. Given this facility's current use and the potential for associated hazardous material storage, this facility is considered an environmental concern for the subject Site.
- Salvation Army (APN 0139-202-01 925 West 10th Street) This parcel is listed as a potential full or partial property take. This facility is listed on the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019) as a leaking underground storage tank (LUST) case. The potential contaminant of concern is gasoline, and the potential media affected is soil. There is limited information regarding this facility; however, it is listed as case closed on January 14, 1988. Given its case closure status, this facility is not considered an environmental concern for the subject Site.
- Unknown (APN 0139-262-17)-This parcel is listed as a potential full take. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or the GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9,



2019). From the perimeter, this facility appears to be auto and trailer storage. Google Earth imagery (accessed January 9, 2019) shows auto and trailer storage with several piles of auto parts, scrap metal and dirt piles scattered throughout the property. Given this facility's current use and the potential for associated hazardous material storage, this facility is considered an environmental concern for the subject Site.

Sierra's Truck Auto Dismantler (APNs 0139-262-07 and 0139-262-08) – These parcels would be acquired to accommodate the proposed Project. This facility is not listed on the EnviroStor website (https://www.envirostor.dtsc.ca.gov/ accessed on January 9, 2019) or GeoTracker website (http://geotracker.swrcb.ca.gov/ accessed on January 9, 2019). From the perimeter, this facility appears to be auto dismantling and wrecking yard. Google Earth imagery (accessed January 9, 2019) shows several piles of auto, auto parts, and scrap metal throughout the property. Given this facility's current use and the potential for associated hazardous material storage, this facility is considered an environmental concern for the subject Site.

Kimley-Horn was retained to perform a hazardous materials assessment and performed only those tasks described in this letter. This assessment identified 12 facilities or vacant lots as environmental concerns for the Site. It is Kimley-Horn's understanding that BNSF will acquire (partially or fully) these parcels described above. Therefore, Kimley-Horn recommends that a Phase I Environmental Site Assessment be conducted for this Site in compliance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13 (ASTM Standard Practice E 1527-13) within 180 days of the planned acquisition. It is also likely that the Phase I ESA will recommend soil and groundwater sampling on the Site to determine the potential for localized impacts.

This report is based on our knowledge as of January 9, 2019. New issues may arise during development because of changes in governmental rules and policy, changed circumstances, or unforeseen conditions.

Kimley-Horn and Associates, Inc. appreciates the opportunity to provide you with these services. Should you have any questions or comments regarding this information please contact Karina Fidler at (619) 744-0138.

Sincerely,

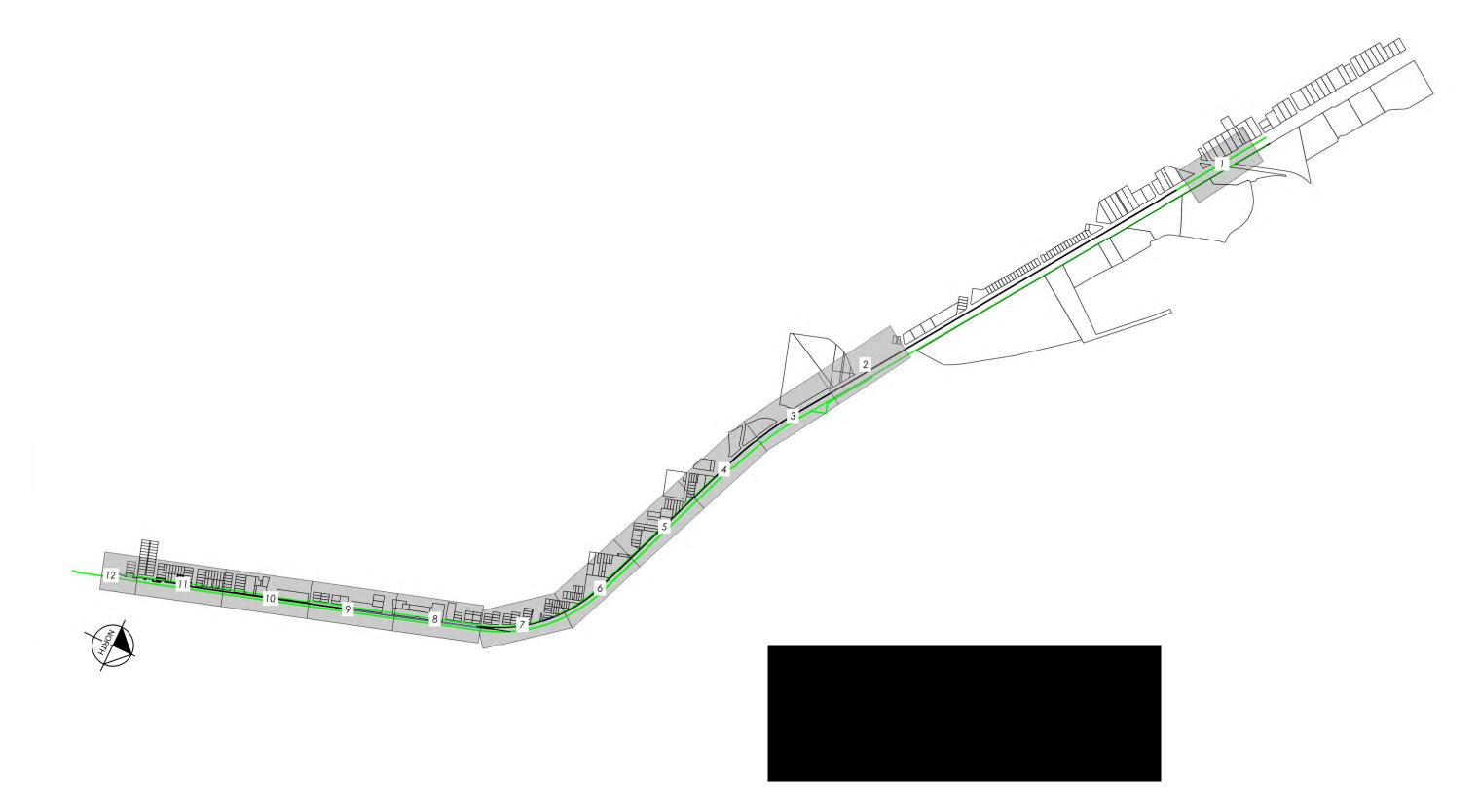
Karina Fidler, AICP, CPESC Environmental Professional

Attachments:

Exhibit 1 – Conceptual Layout Attachment A – Site Photographs

EXHIBIT 1

CONCEPTUAL LAYOUT







LEGEND - PR CITY ROW - - EX CITY ROW PR CURB LINE PR BNSF ONO LEAD TRACK - PR BNSF DITCH - | | ---- PR CONSTRUCTION LIMIT PR SOUND WALL - PR LOT BOUNDARY FRANCHISE AGREEMENT ORDNANCE NO. 336 (WITH UNDERLYING CITY ROW ESMT) PRIVATE PROPERTY-FULL TAKE PRIVATE PROPERTY-PARTIAL TAKE BNSF PROPERTY/EASEMENT CITY OF SAN BERNARDINO ROW ESMT-FULL TAKE CITY OF SAN BERNARDINO ROW FEE OWNERSHIP-FULL TAKE

PRIVATE PROPERTY-POTENTIAL FULL TAKE
(SAME OWNER AS ADJACENT FULL TAKE)

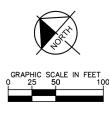
PRIVATE PROPERTY—POTENTIAL FULL TAKE

PROPERTY IDENTIFIER. SEE PROPERTY MATRIX PREPARED FOR BNSF-ONO LEAD EXTENSION

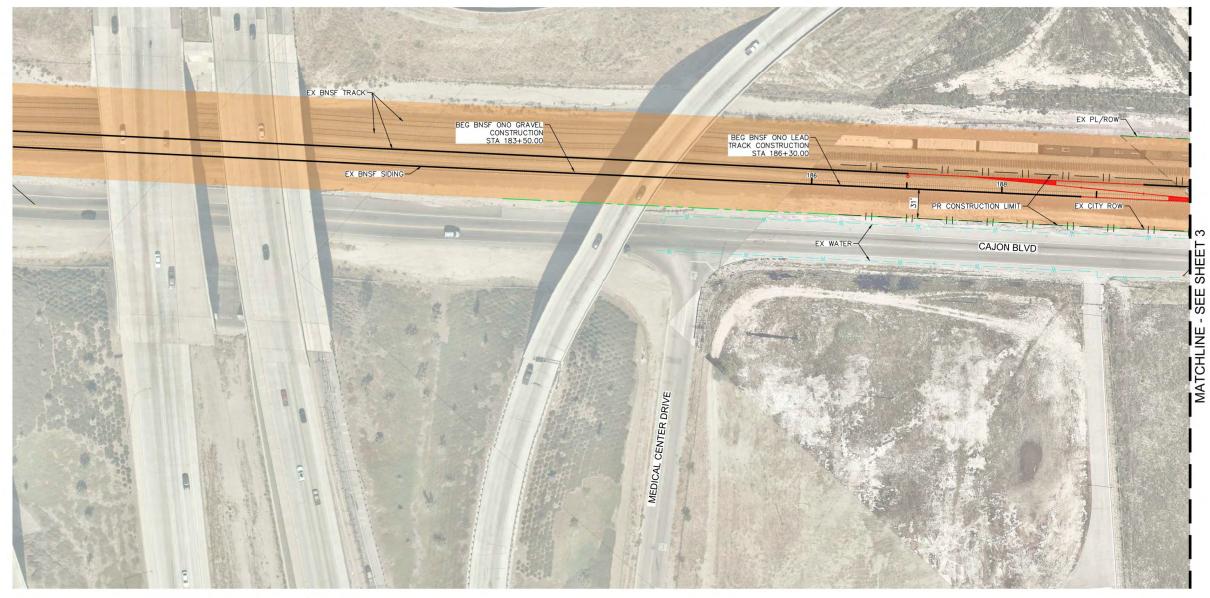
ABBREVIATIONS

CL CENTERLINE
EX EXISTING
PR PROPOSED
PL PROPERTY LINE
ROW RIGHT—OF—WAY











PRIVATE PROPERTY-POTENTIAL FULL TAKE
(SAME OWNER AS ADJACENT FULL TAKE)

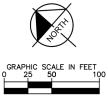
PRIVATE PROPERTY-POTENTIAL FULL TAKE

PROPERTY IDENTIFIER. SEE PROPERTY MATRIX PREPARED FOR BNSF-ONO LEAD EXTENSION

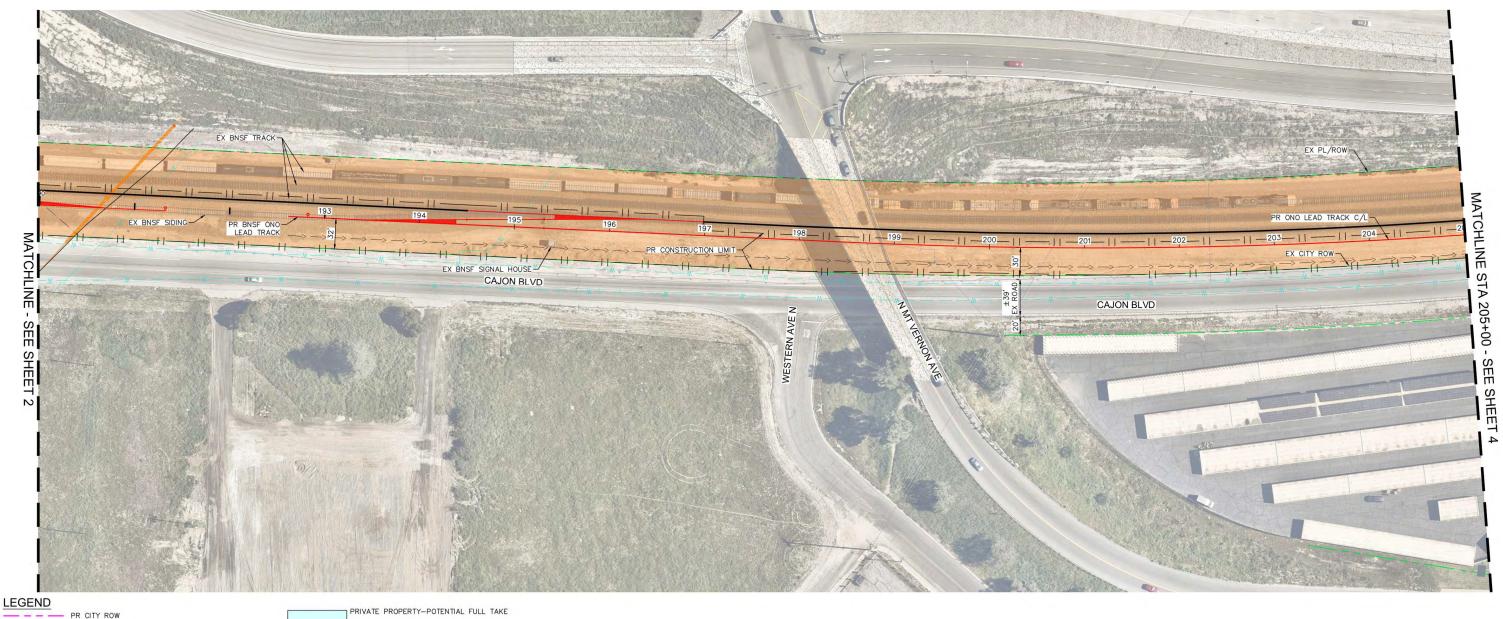
ABBREVIATIONS

CL CENTERLINE
EX EXISTING
FR PROPOSED
FL PROPERTY LINE
FROM RIGHT-OF-WAY











PRIVATE PROPERTY-POTENTIAL FULL TAKE
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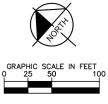
PRIVATE PROPERTY-POTENTIAL FULL TAKE

PROPERTY IDENTIFIER. SEE PROPERTY MATRIX
PREPARED FOR BNSF-ONO LEAD EXTENSION

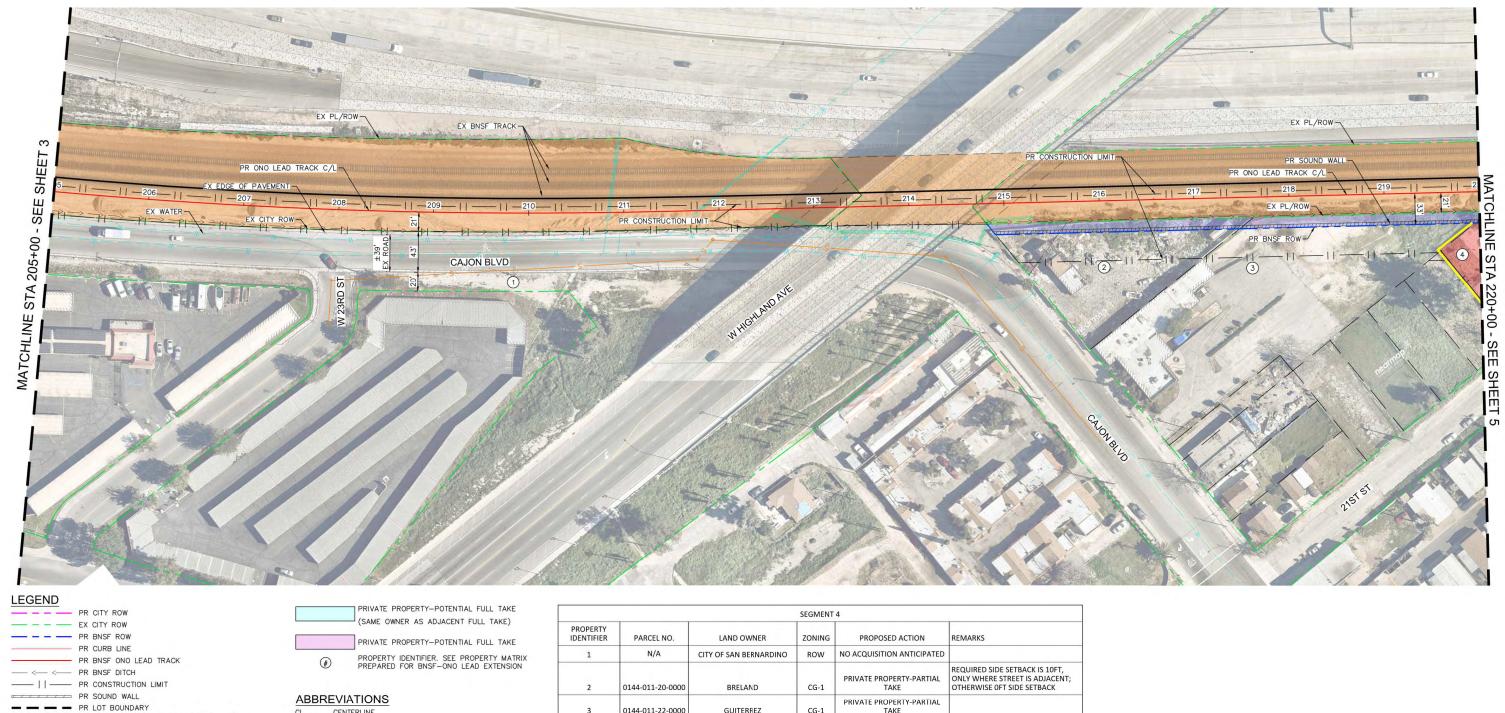
ABBREVIATIONS

CENTERLINE
EXISTING
R PROPOSED
PROPERTY LINE
W RIGHT-OF-WAY









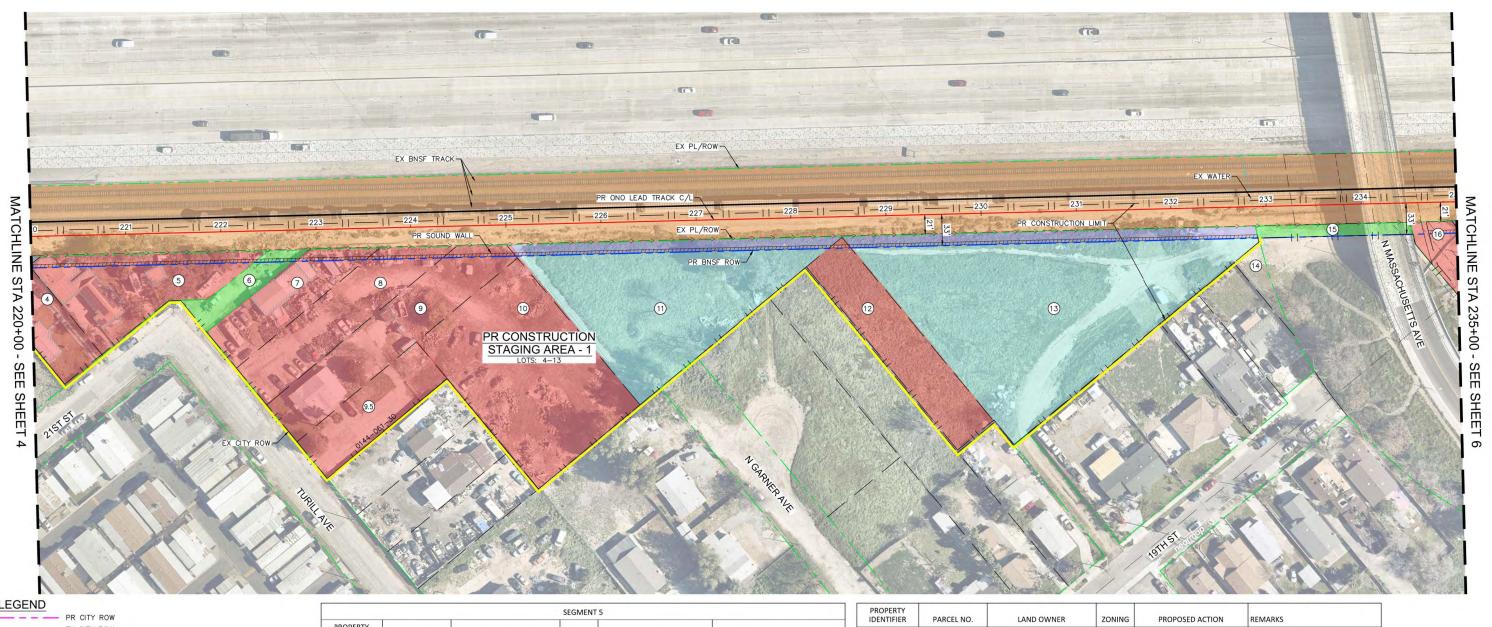
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#	PREPARED FOR BNSF-ONO LEAD EXTENSION	2	0144-011-20-0000	BRELAND	CG-1	PRIVATE PROPERTY-PARTIAL TAKE	REQUIRED SIDE SETBACK IS 10FT, ONLY WHERE STREET IS ADJACENT; OTHERWISE 0FT SIDE SETBACK
REVIATIONS CENTERLINE		3	0144-011-22-0000	GUITERREZ	CG-1	PRIVATE PROPERTY-PARTIAL TAKE	
PRO	ING POSED PERTY LINE T-OF-WAY						

CITY OF SAN BERNARDINO ROW ESMT-FULL TAKE

FRANCHISE AGREEMENT ORDNANCE NO. 336 (WITH UNDERLYING CITY ROW ESMT) PRIVATE PROPERTY-FULL TAKE PRIVATE PROPERTY-PARTIAL TAKE BNSF PROPERTY/EASEMENT



CITY OF SAN BERNARDINO ROW FEE
OWNERSHIP-FULL TAKE

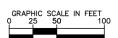


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	PR LOT BOUNDARY
11111111	FRANCHISE AGREEMENT ORDNANCE NO. 336
	(WITH UNDERLYING CITY ROW ESMT)
	PRIVATE PROPERTY-FULL TAKE
	PRIVATE PROPERTY-PARTIAL TAKE
	BNSF PROPERTY/EASEMENT
	CITY OF SAN BERNARDINO ROW ESMT-FULL TAKE
XXXXXXX	CITY OF SAN BERNARDINO ROW FEE
XXXXXXX	OWNERSHIP-FULL TAKE

			SEGMENT	5	
PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
4	0144-011-18-0000	PEREZ	CG-1	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
5	0144-011-17-0000	MENDOZA	CG-1	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
6	N/A	CITY OF SAN BERNARDINO	ROW	CITY FULL TAKE	
7	0144-061-33-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
8	0144-061-32-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT WIDTH
9	0144-061-31-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT WIDTH
10	0144-061-15-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	LANDLOCKED

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
9.5	0144-061-30-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	PROVIDES EXISTING DRIVEWAY ACCESS TO ADJACENT OWNER
11	0144-061-14-0000	РНАМ	RS	PRIVATE PROPERTY-PARTIAL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND SAME OWNER AS LOT 12
12	0144-061-35-0000	PHAM	RS	PRIVATE FULL TAKE	DOES NOT MEET MIN. LOT WIDTH
13	0144-061-07-0000	РНАМ	RS	PRIVATE PROPERTY-PARTIAL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND SAME OWNER AS LOT 12
14	0144-061-37-0000	L & M TRUST NO. 2	RS	NO ACQUISITION ANTICIPATED	
15	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	

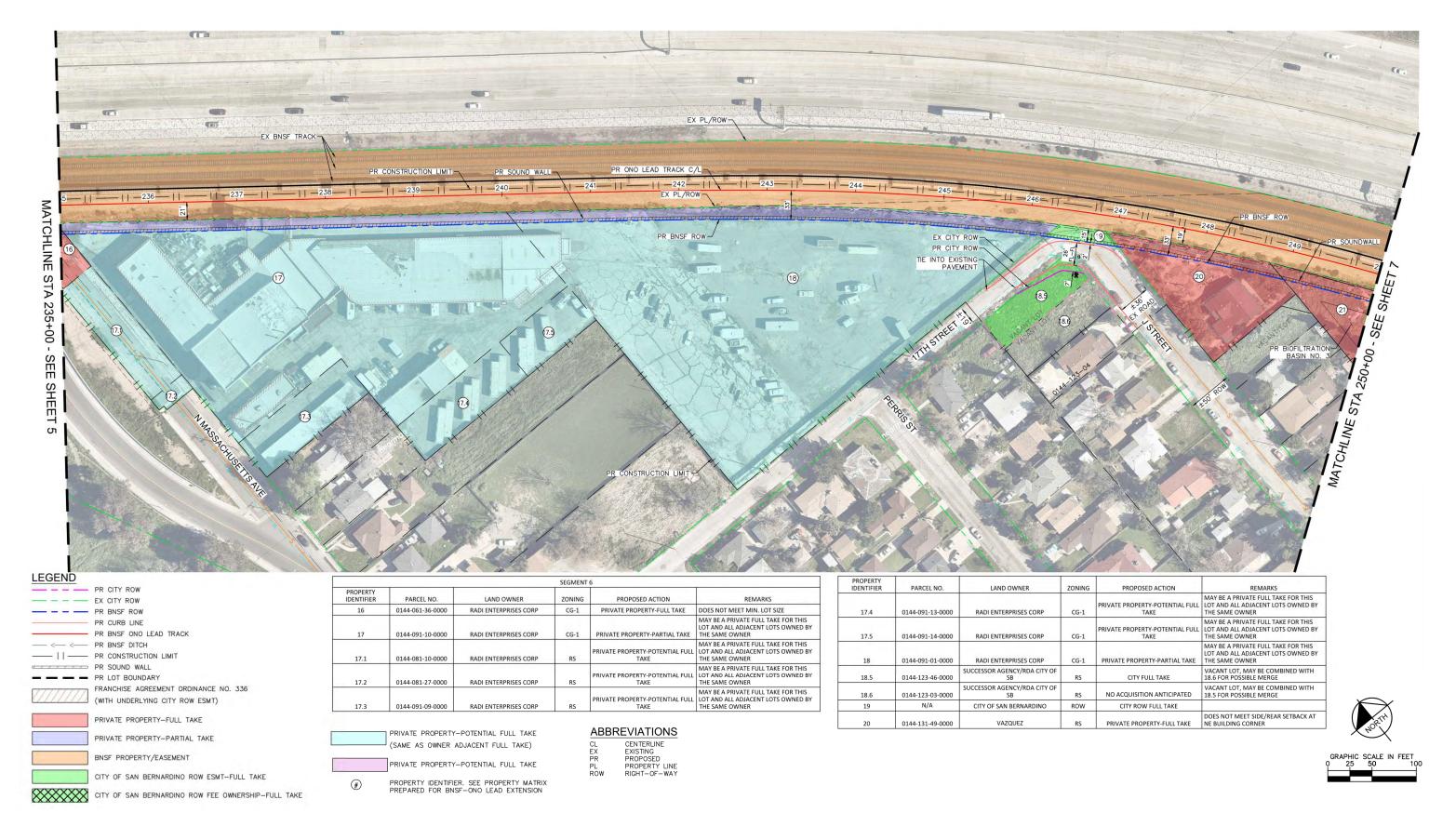




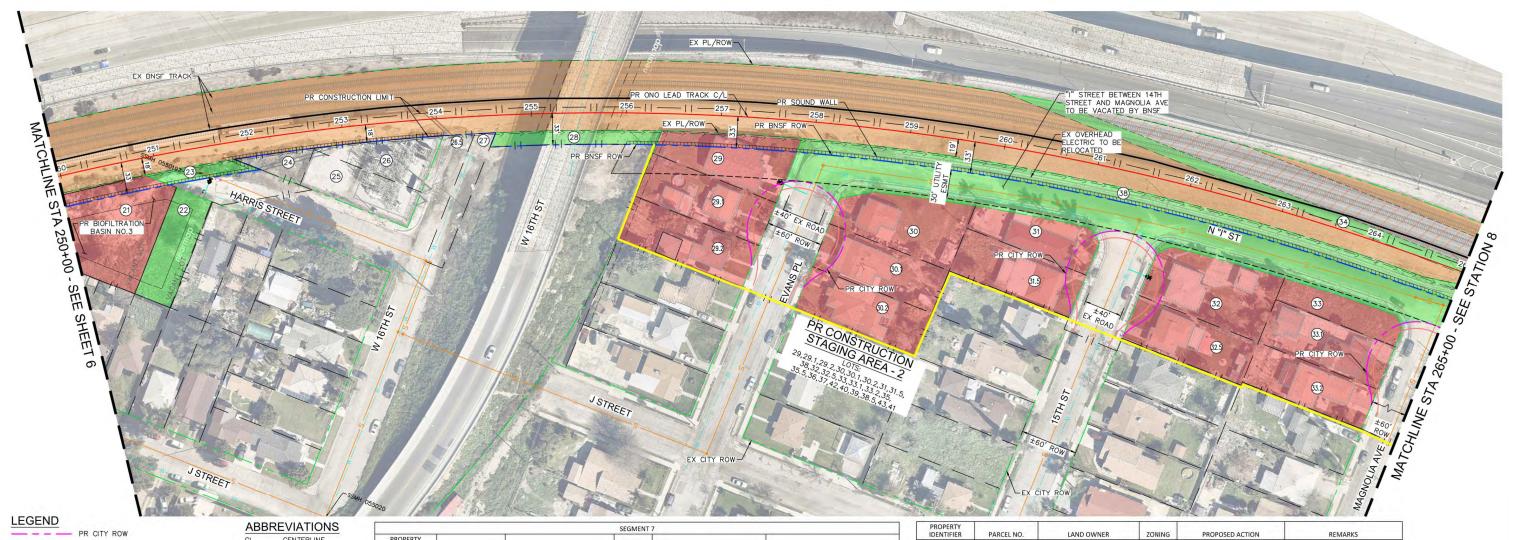
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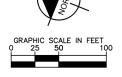




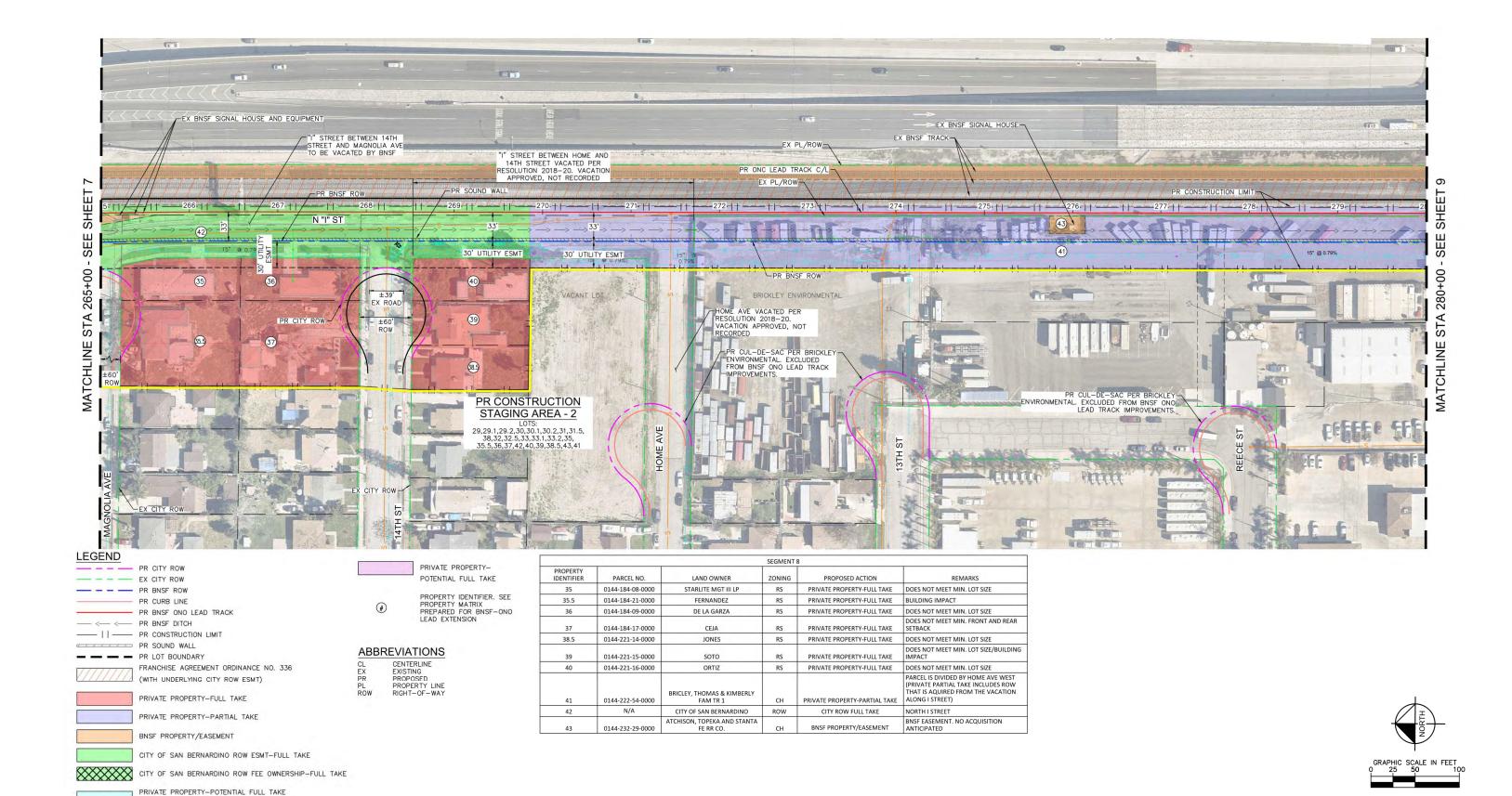
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	PR LOT BOUNDARY						
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(11/1/1/1/	(WITH UNDERLYING CITY ROW ESMT)						
	PRIVATE PROPERTY-FULL TAKE						
	PRIVATE PROPERTY-PARTIAL TAKE						
	BNSF PROPERTY/EASEMENT						
	CITY OF SAN BERNARDINO ROW ESMT-F	TULL TAKE					
	CITY OF SAN BERNARDINO ROW FEE OW	NERSHIP-FUL	L TAKE				
	PRIVATE PROPERTY-POTENTIAL FULL TA	AKE					
	(SAME AS OWNER ADJACENT FULL TAKE	Ξ)					
	PRIVATE PROPERTY-POTENTIAL FULL TA	AKE					
#	PROPERTY IDENTIFIER. SEE PROPERTY MENSF-ONO LEAD EXTENSION	ATRIX PREPA	RED FOR				

			SEGMENT 7	7	
PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
21	0144-131-50-0000	VAZQUEZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET LOT FRONTAGE WIDTH. SUGGEST MERGE WITH LOT 22
22	0144-131-21-0000	SUCCESSOR AGENCY/REDEVELOPMENT AGENCY	RS	CITY FULL TAKE	VACANT LOT (IF MERGED, PROVIDES ACCESS TO LOT 21). LOT OWNED BY THE CITY OF SB
23	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	NORTH OF HARRIS STREET ROW
24	0144-131-51-0000	SOUTHERN CALIFORNIA EDISION CO.	RS	NO ACQUISITION ANTICIPATED	POSSIBLE RETAINING WALL TO BE INCORPORATED. SCE PROPERTY IS LOCATED 18.3FT FROM C/L OF PROPOSED LEAD TRACK. REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS.
25	0144-131-10-0000	SOUTHERN CALIFORNIA EDISION CO.	RS	NO ACQUISITION ANTICIPATED	REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS.
26	0144-131-45-0000	SOUTHERN CALIFORNIA EDISION CO.	RS	NO ACQUISITION ANTICIPATED	POSSIBLE RETAINING WALL TO BE INCORPORATED. SCE PROPERTY IS LOCATED 18.3FT FROM C/L OF PROPOSED LEAD TRACK. REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS.
26.5	N/A	CITY OF SAN BERNARDINO	ROW	NO ACQUISITION ANTICIPATED	REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS.
27	0144-163-21-0000	SOUTHERN CALIFORNIA EDISION CO.	ROW	NO ACQUISITION ANTICIPATED	REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS
28	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	WEST 16TH STREET OVERPASS
29	0144-163-19-0000	RAMIREZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
29.1	0144-163-12-0000	MATA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
29.2	0144-163-13-0000	GARCIA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
30	0144-164-17-0000	CHAVEZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT WIDTH
30.1	0144-164-05-0000	HERNANDEZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
30.2	0144-164-04-0000	RAMIREZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
31	0144-164-18-0000	MORENO	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
31.5	0144-164-11-0000	VARELA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
32	0144-183-19-0000	GERBARA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SETBACE
32.5	0144-183-06-0000	BARAJAS	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
33	0144-183-20-0000	ROMERO	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
33.1	0144-183-10-0000	ROMERO	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
33.2	0144-183-17-0000	HARRIS	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
34	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	AREA ADJACENT TO FRANCHISE AGREEMENT, ON RAIL LINE TRACKS
38	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	NORTH I STREET

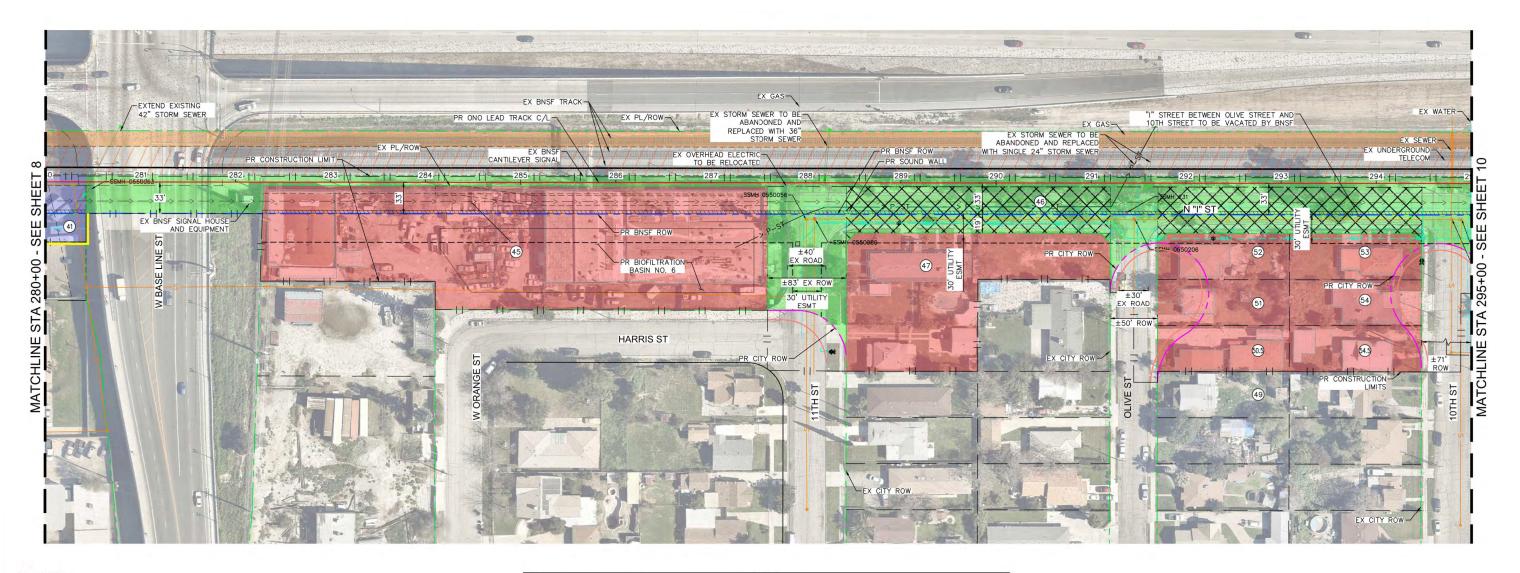






(SAME AS OWNER ADJACENT FULL TAKE)





LEGEND		
	PR CITY ROW	
	EX CITY ROW	
	PR BNSF ROW	
	PR CURB LINE	
	PR BNSF ONO LEAD TRACK	
$-\!\!\!-\!\!\!\!-\!\!\!\!-\!\!\!\!-\!\!\!\!-$	PR BNSF DITCH	
	PR CONSTRUCTION LIMIT	
	PR SOUND WALL	
	PR LOT BOUNDARY	-
7777777	FRANCHISE AGREEMENT ORDINANCE NO. 336	(F
(111111)	(WITH UNDERLYING CITY ROW ESMT)	F
	PRIVATE PROPERTY-FULL TAKE	F
	PRIVATE PROPERTY-PARTIAL TAKE	
	BNSF PROPERTY/EASEMENT	
	CITY OF SAN BERNARDINO ROW ESMT-FULL TAKE	
$\otimes \otimes \otimes \otimes$	CITY OF SAN BERNARDINO ROW FEE OWNERSHIP-FULL TAKE	
	PRIVATE PROPERTY-POTENTIAL FULL TAKE	
	(SAME AS OWNER ADJACENT FULL TAKE)	

PRIVATE PROPERTY— POTENTIAL FULL TAKE

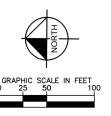
PROPERTY IDENTIFIER. SEE PROPERTY MATRIX PREPARED FOR BNSF-ONO LEAD EXTENSION

ABBREVIATIONS

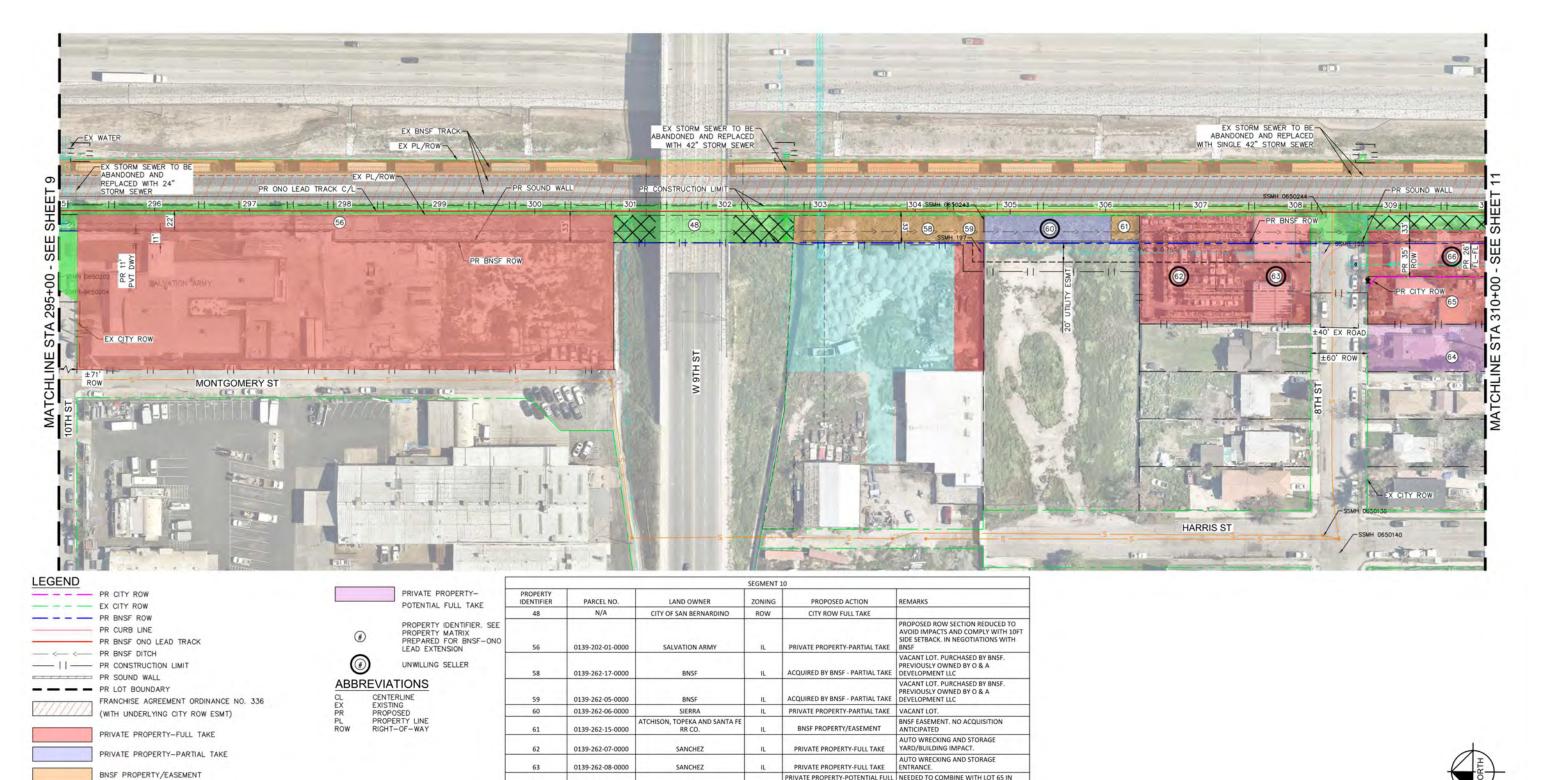
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CENTERLINE
EX EXISTING
R PROPOSED
PROPERTY LINE
DW RIGHT-OF-WAY

			SEGMENT S)	
PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
41	0144-222-54-0000	BRICLEY, THOMAS & KIMBERLY FAM TR 1	сн	PRIVATE PROPERTY-PARTIAL TAKE	PARCEL IS DIVIDED BY HOME AVE WEST (PRIVATE PARTIAL TAKE INCLUDES ROW THAT IS AQUIRED FROM THE VACATION ALONG I STREET)
45	0139-092-10-0000	KELLSTROM, TRACEY K TRUST	СН	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
46	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	
47	0139-131-30-0000	MONTECINO TRUST	RS	PRIVATE PROPERTY-FULL TAKE	TRIPLEX (DOES NOT ALLOW ACCESS TO ALL POINTS OF THE BUILDING)
49	0139-132-10-0000	GRADIAS ARTHUR	RS	PRIVATE PROPERTY-PARTIAL TAKE	4.18 SF ROW IMPACT TO LOT
50.5	0139-132-11-0000	AGUAYO	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
51	0139-132-12-0000	GUTIERREZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
52	0139-132-13-0000	MORALES	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
53	0139-132-16-0000	GENG	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
54	0139-132-17-0000	EOA EMPIRE LLC	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
54.5	0139-132-18-0000	SAMAYOA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE







BARRERA

ЈАСОВО

SIERRA

0139-312-11-0000

0139-312-12-0000

0139-312-13-0000

NEEDED TO COMBINE WITH LOT 65 IN ORDER TO CREATE CONFORMING LOT

WITH BNSF

PRIVATE PROPERTY-FULL TAKE

PRIVATE PROPERTY-FULL TAKE BUILDING IMPACT.

GRAPHIC SCALE IN FEET 100

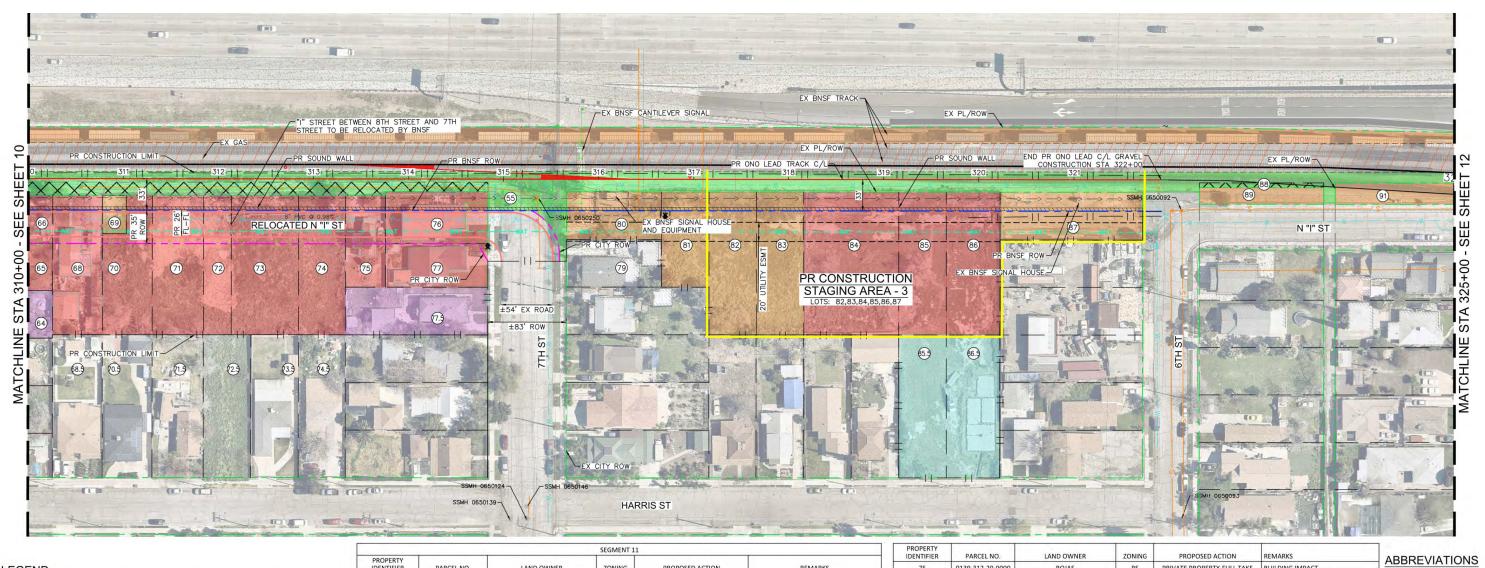
Source: Property Impacts, BNSF Ono Lead Extension. Kimley-Horn. April 2020 DRAFT.

CITY OF SAN BERNARDINO ROW ESMT-FULL TAKE

CITY OF SAN BERNARDINO ROW FEE OWNERSHIP-FULL TAKE

PRIVATE PROPERTY-POTENTIAL FULL TAKE (SAME AS OWNER ADJACENT FULL TAKE)





LEGEND	PR CITY ROW		PRIVATE PROPERTY-
	EX CITY ROW		POTENTIAL FULL TAKE
	PR BNSF ROW		
	PR CURB LINE		PROPERTY IDENTIFIER. SEE PROPERTY MATRIX
	PR BNSF ONO LEAD TRACK	(#)	PREPARED FOR BNSF-ONO LEAD EXTENSION
<_ <	PR BNSF DITCH		LEAD EXTENSION
-11-	PR CONSTRUCTION LIMIT		
777777	PR SOUND WALL		
	PR LOT BOUNDARY		
11111111	FRANCHISE AGREEMENT ORDINAL		
	(WITH UNDERLYING CITY ROW ES	SMT)	
	PRIVATE PROPERTY-FULL TAKE		
	PRIVATE PROPERTY-PARTIAL TA	AKE	
	BNSF PROPERTY/EASEMENT		
	CITY OF SAN BERNARDINO ROW	ESMT-FULL TAK	E
	CITY OF SAN BERNARDINO ROW	FEE OWNERSHIP	-FULL TAKE
	PRIVATE PROPERTY-POTENTIAL	FULL TAKE	
	(SAME AS OWNER ADJACENT FL	JLL TAKE)	

			SEGMENT 1	1	
PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
55	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	
68	0139-312-14-0000	GUTIERREZ	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
68.5	0139-312-07-0000	CANDELARIA	RS	NO ACQUISITION ANTICIPATED	
69	0139-312-26-0000	ATCHISON, TOPEKA AND SANTA FE RR CO.	RS	BNSF PROPERTY/EASEMENT	BNSF EASEMENT. NO ACQUISITION ANTICIPATED
70	0139-312-15-0000	RAMOS	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
70.5	0139-312-07-0000	CANDELARIA	RS	NO ACQUISITION ANTICIPATED	
71	0139-312-16-0000	VILLA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
71.5	0139-312-05-0000	BURDICK	RS	NO ACQUISITION ANTICIPATED	
72	0139-312-17-0000	VILLA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
72.5	0139-312-04-0000	KHAN	RS	NO ACQUISITION ANTICIPATED	
73	0139-312-18-0000	SIERRA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
73.5	0139-312-03-0000	RAMIREZ	RS	NO ACQUISITION ANTICIPATED	
74	0139-312-19-0000	NDIP Agbor	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
74.5	0139-312-02-0000	R & A HT LLC	RS	NO ACQUISITION ANTICIPATED	

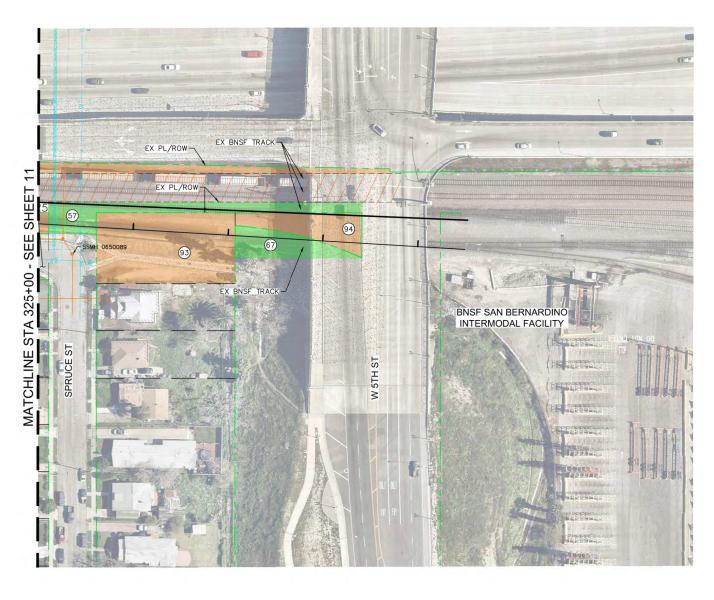
PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
75	0139-312-20-0000	ROJAS	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
76	0139-312-21-0000	MOLINA	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
77	0139-312-22-0000	DURAN	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
77.5	0139-312-23-0000	PENA	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	NEEDED TO COMBINE WITH LOT 75 AND 77 IN ORDER TO CREATE CONFORMING LOT
79	0138-072-05-0000	915 WEST 7TH STREET TRUST	RS	NO ACQUISITION ANTICIPATED	
80	0138-072-06-0000	BNSF RAILWAY CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, NO ACCESS. BNSF FEE OWNERSHIP
81	0138-072-07-0000	BNSF RAILWAY CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, NO ACCESS. BNSF FEE OWNERSHIP
82	0138-072-08-0000	BNSF RAILWAY CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, NO ACCESS. BNSF FEE OWNERSHIP
83	0138-072-09-0000	BNSF RAILWAY CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, NO ACCESS. BNSF FEE OWNERSHIP
84	0138-072-38-0000	MENDOZA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, NO ACCESS
85	0138-072-41-0000	MENDOZA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, NO ACCESS
85.5	0138-072-39-0000	MENDOZA	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	VACANT LOT, COMMON OWNERSHI WITH 85 & 86
86	0138-072-42-0000	MENDOZA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, NO ACCESS
86.5	0138-072-40-0000	MENDOZA	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	COMMON OWNERSHIP WITH 85 & 8
87	0138-072-36-0000	BURLINGTON NORTHERN & SF R/R CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP
88	0138-141-29-0000	CITY OF SAN BERNARDINO	RS	CITY ROW FULL TAKE	VACANT LOT, CITY FEE OWNERSHIP
89	0138-141-32-0000	ATCHISON, TOPEKA, AND SANTA FE RR CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP
91	0138-141-30-0000	ATCHISON, TOPEKA, AND SANTA FE RR CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP

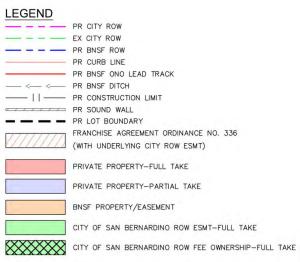
GRAPHIC SCALE IN FEET 0 25 50 100

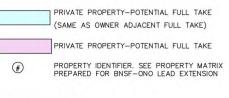
CENTERLINE EXISTING PROPOSED PROPERTY LINE RIGHT-OF-WAY

Source: Transportation Impact Analysis. BNSF Ono Lead Extension. Kimley-Horn. April 2019 DRAFT.







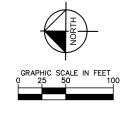


ABBREVIATIONS	5
	-

CL	CENTERLINE
EX	EXISTING
PR	PROPOSED
PL	PROPERTY LINE
ROW	RIGHT-OF-WAY

SEGMENT 12						
PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS	
57	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE		
67	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE		
93	0138-142-13-0000	ATCHISON, TOPEKA, AND SANTA FE RR CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP	
94	0138-142-14-0000	ATCHISON, TOPEKA, AND SANTA FE RR CO.	CG-1	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP	







ATTACHMENT A

SITE PHOTOGRAPHS



Photo 1: View of Site, looking north along BNSF ROW towards 6th Street.



Photo 2: View of Site, looking north along BNSF ROW and North I Street (just north of 7th Street).



Site Photos

BNSF Ono Lead Track Extension Project – Hazardous Materials Assessment Job No. 195015001

Not to Scale

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Photo 3: View of Site, looking south along BNSF ROW from the intersection of North I Street and Home Avenue.



Photo 4: View of Site, looking north along BNSF ROW from the intersection of North I Street and Home Avenue.



Site Photos

BNSF Ono Lead Track Extension Project – Hazardous Materials Assessment Job No. 195015001

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Photo 5: View of vacant lot (APN 0144-222-54) at the intersection of North I Street and Home Avenue.



Photo 6: View of Site, looking south along BNSF ROW from the intersection of J Street and 17th Street.



Site Photos

BNSF Ono Lead Track Extension Project – Hazardous Materials Assessment Job No. 195015001

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Photo 7: View of Nationwide RV & Self-Storage Facility (APNs 0144-091-10 and 0144-091-01) at the intersection of J Street and 17th Street.



Photo 8: View of Southern California Edison at the northwest corner of West 16th Street and North Harris Street.



Site Photos

BNSF Ono Lead Track Extension Project – Hazardous Materials Assessment Job No. 195015001

Not to Scale

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Photo 9: View of Site, looking south along BNSF ROW from the intersection of Turrill Avenue and 21st Street.



Photo 10: View of Site, looking south along BNSF ROW from the intersection of Turrill Avenue and 21st Street (location of Daniel Brown's Lawnmower Repair & Sales Facility).



Site Photos

BNSF Ono Lead Track Extension Project – Hazardous Materials Assessment Job No. 195015001

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Photo 11: View of Site, looking south along BNSF ROW and North I Street (just north of 10th Street).



Photo 12: View of Site, looking north along BNSF ROW and North I Street (just north of 10th Street).



Site Photos

BNSF Ono Lead Track Extension Project – Hazardous Materials Assessment Job No. 195015001

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