BART Extension Project to Milpitas, San Jose, and Santa Clara

Addendum to the Environmental Impact Report

Santa Clara Valley Transportation Authority
September 2010



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SECTION 1.0 INTRODUCTION

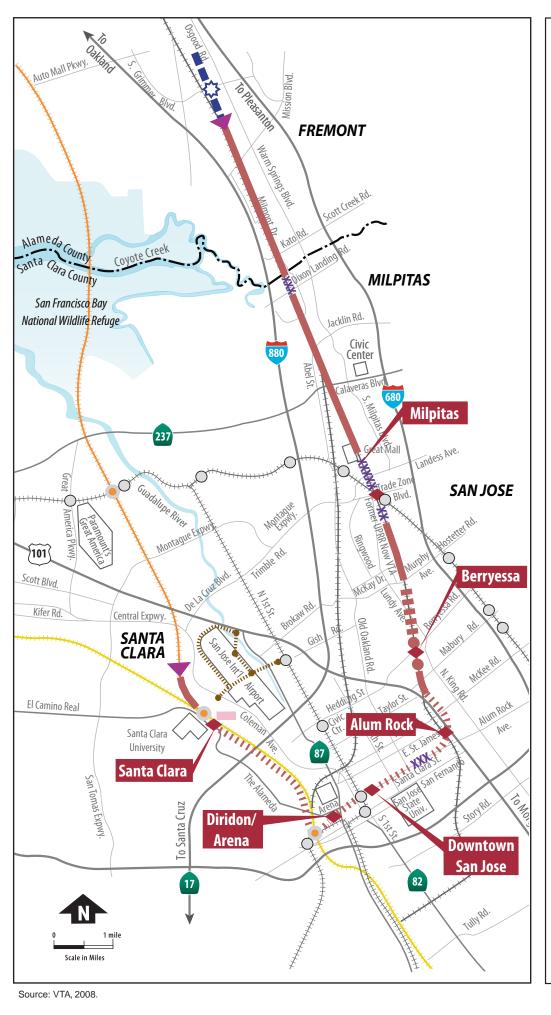
1.1 Purpose of the Addendum

The California Environmental Quality Act (CEQA) recognizes that between the date a project is approved and the date a project is constructed, one or more of the following changes may occur: 1) the scope of the project may change, 2) the environmental setting in which the project is located may change, 3) certain environmental laws, regulations, or policies may change, and 4) previously unknown information may be identified. CEQA requires that lead agencies evaluate these changes to determine whether or not they are significant.

The mechanism for assessing the significance of these changes is found in CEQA Guidelines Sections 15162 – 15164. If the changes involve new significant environmental effects or a substantial increase in the severity of previously identified significant effects, further environmental review (in the form of a Subsequent or Supplemental Environmental Impact Report or Initial Study/Mitigated Negative Declaration) would be warranted per CEQA Guidelines Section 15162 and 15163. If the changes do not meet these criteria, then an Addendum per CEQA Guidelines Section 15164 is prepared to document any minor corrections to the Environmental Impact Report (EIR) or Initial Study/Mitigated Negative Declaration (MND). CEQA does not require that an Addendum be circulated for public review.

1.2 Overview of the BART Extension Project

The Project would begin at the BART Warm Springs Station in the City of Fremont and proceed on the former Union Pacific railroad right-of-way through the City of Milpitas to near Las Plumas Avenue in the City of San Jose. The Project would then descend into a subway tunnel, continue through downtown San Jose, and terminate at grade in the City of Santa Clara near the Caltrain Station. The total length of the alignment would be 16.1 miles. See Figure 1. Silicon Valley Rapid Transit Corridor.



Legend: Approved BART Station Proposed BART Station O Existing & Future Key VTA Light Rail Transit (LRT) Stations Caltrain Station --- County Border Yard and Shops Facility ACE or Caltrain Intermodal Transfer Center Proposed San Jose International Airport People Mover BART Extension to Warm Springs At Grade (Surface/Ground Level) Retained Fill or Aerial Retained Cut (Trench) Tunnel Alignment Option Freight Tracks Caltrain Tracks ACE & Capitol Lines **VTA Lines SVRTP Alternative Limits**

1.3 Previous Environmental Studies

Silicon Valley Rapid Transit Corridor – BART Extension to Milpitas, San Jose, and Santa Clara, Draft Environmental Impact Statement/Environmental Impact Report & Draft 4(f) Evaluation, March 2004

Silicon Valley Rapid Transit Corridor – BART Extension to Milpitas, San Jose, and Santa Clara, Final Environmental Impact Report, November 2004

Silicon Valley Rapid Transit Corridor – BART Extension to Milpitas, San Jose, and Santa Clara, Draft Supplemental Environmental Impact Report, January 2007

Silicon Valley Rapid Transit Corridor – BART Extension to Milpitas, San Jose, and Santa Clara, Final Supplemental Environmental Impact Report, May 2007

1.4 Scope of this Addendum

This Addendum is limited in scope to an evaluation of the proposed design modifications to the Project to determine whether the modifications result in any substantial change to the environmental setting, impacts, and mitigation measures as previously described in the approved EIR and SEIR.

SECTION 2.0 PROPOSED MODIFICATIONS TO THE PROJECT

As the design of the Project has progressed since the previous document was approved in June 2007, plans have been further refined. This Addendum covers only the area from the Warm Springs Extension to U.S. 101.

Both temporary and permanent easements are needed for temporary construction access, and permanent utility ROW, respectively. The following list describes the types of easements necessary to construct the Project.

The design modifications to the Project included in this Addendum include:

- Temporary Construction Easement (TCE)
- Utility Easement (UE)
- Ingress/Egress Easement (IEE)
- Fee Take
- Storm Drain Easement (SDE)
- Public Services Easement (PSE)
- Sanitary Sewer Easement (SSE)

Aerial maps of the easements are attached as Appendix A.

SECTION 3.0 ENVIRONMENTAL EVALUATION

The discussion that follows focuses on the following environmental subject areas: 1) transportation and traffic, 2) socioeconomics 3) utilities, 4) visual quality and aesthetics and 5) construction impacts. No additional information or changes in other subject areas that include air quality; biological resources and wetlands; community services and facilities; cultural resources; geology, hazardous materials; seismicity, and soils; land use; noise and vibration; water resources, water quality, and floodplains; cumulative impacts; and growth-inducing impacts have occurred due to the design modifications described in this Addendum.

Of these easements, none would result in a significant impact. Typical impacts include the permanent and temporary loss of parking and landscaping. Temporary impacts would also consist of relocation of trash enclosures and storage of materials within properties, closure of streets, and removal of fences. In conclusion, no significant impact would result from the proposed easements. All mitigation measures described in the SEIR are still applicable.

The list of affected parcels, impacts, and environmental evaluation is attached as Appendix B.

SECTION 4.0 ENVIRONMENTAL DETERMINATION

Based upon the evaluation of the proposed design modifications to the approved BART Extension Project, the Addendum to the Project has not identified any significant adverse impacts nor any substantial increase in the severity of any previously identified significant adverse impacts previously documented for the Project. Therefore, an Addendum to the previous EIR and SEIR is the appropriate environmental document.

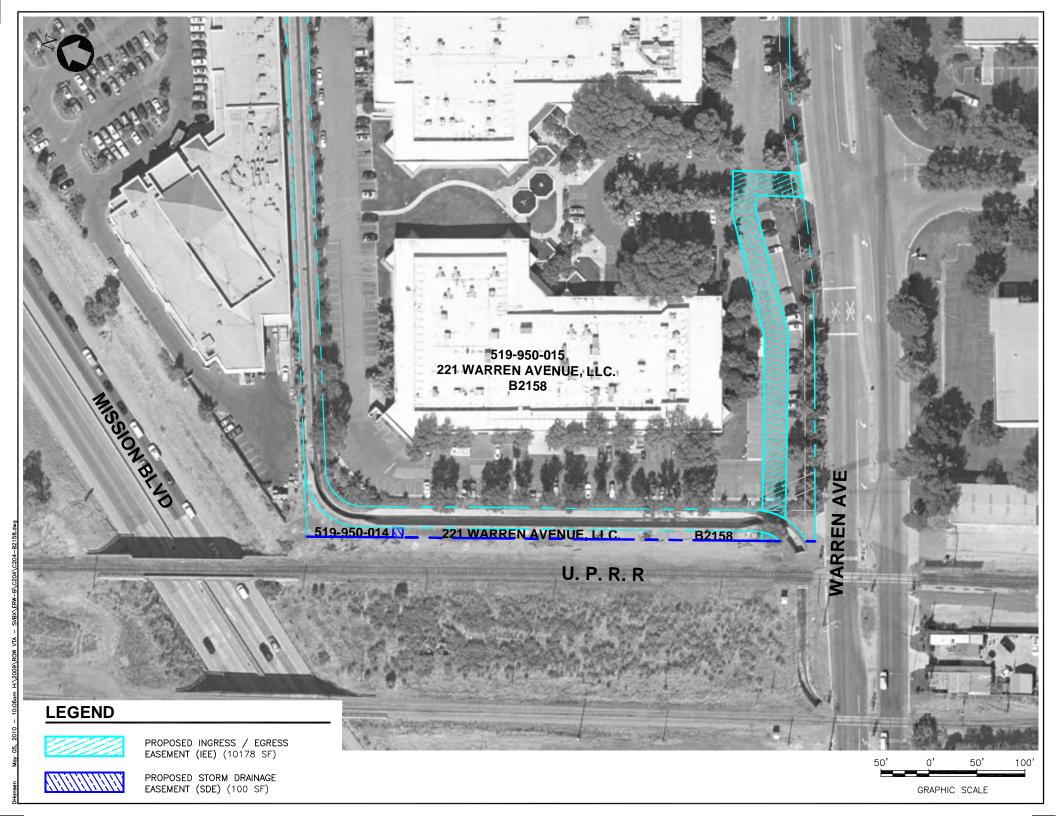
Thomas W. Fitzwater, Manager

Environmental Programs and Resources Management

Santa Clara Valley Transportation Authority

Appendix A Aerial Maps of Easements





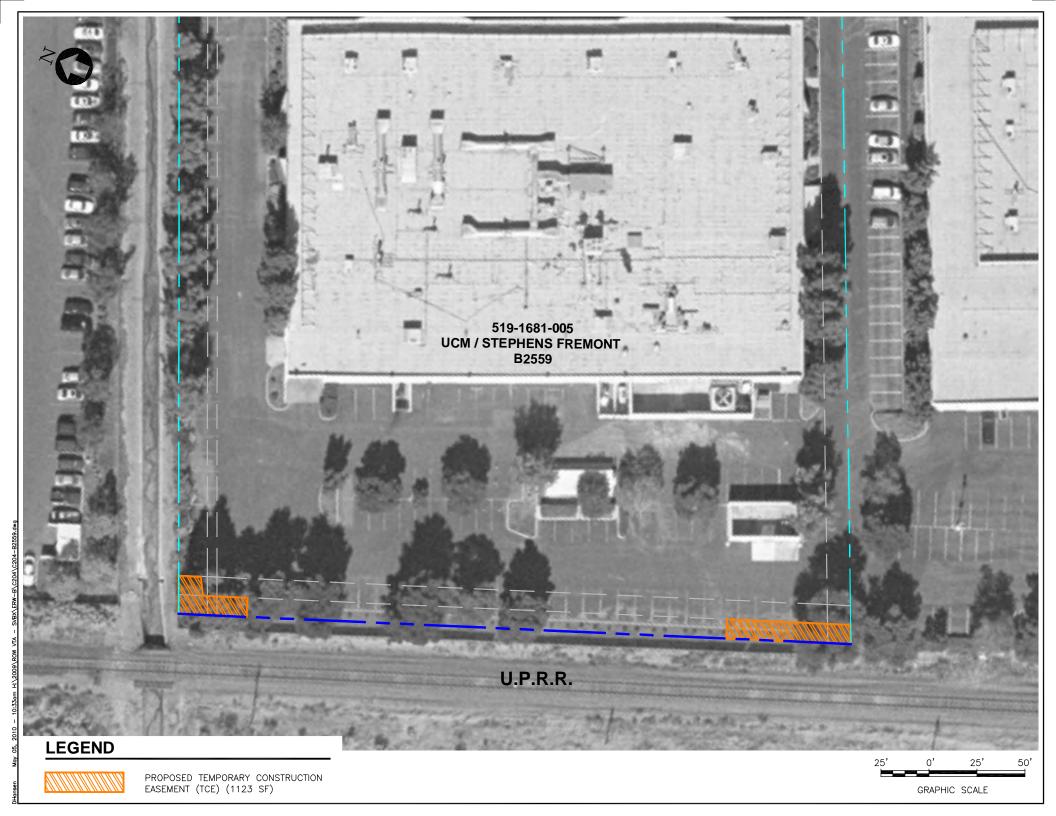


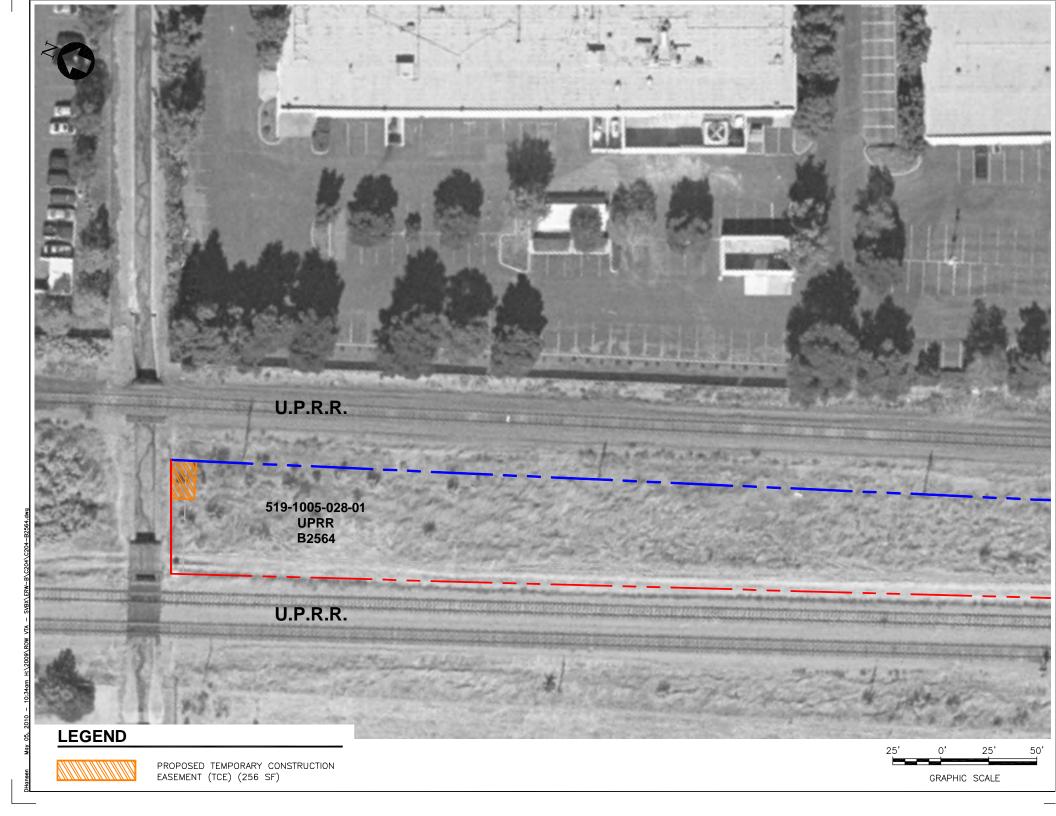


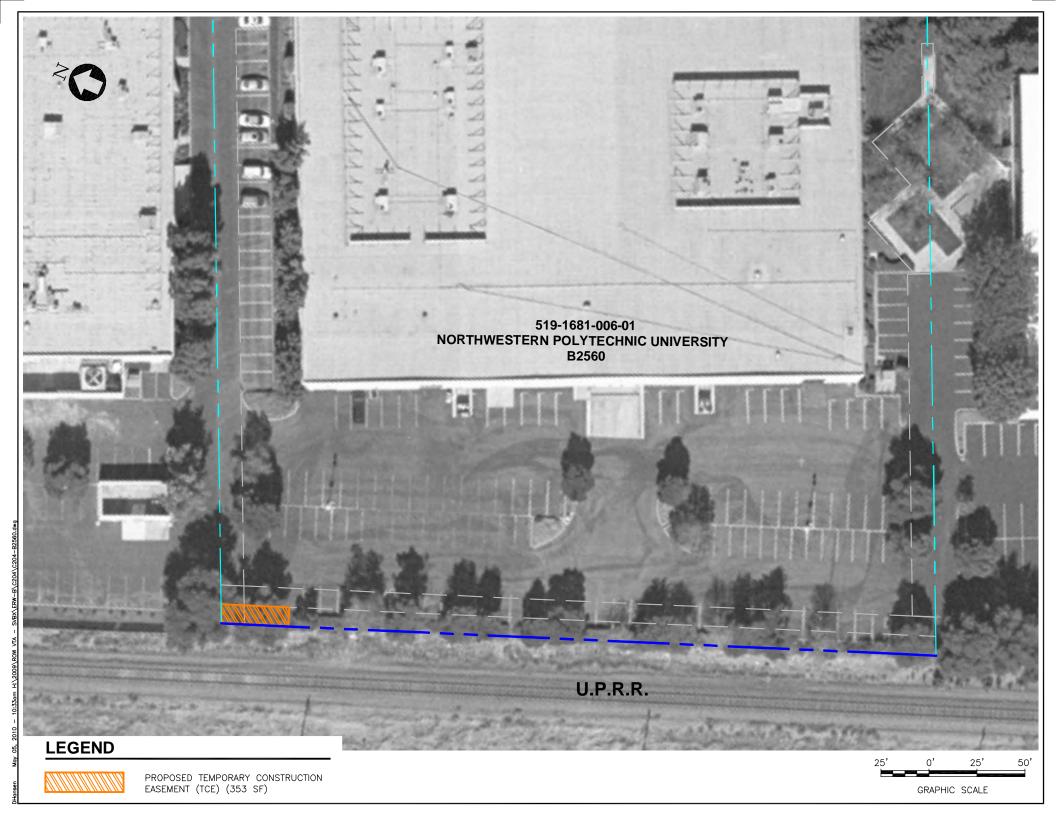
PROPOSED TEMPORARY CONSTRUCTION EASEMENT (TCE) (215 SF)

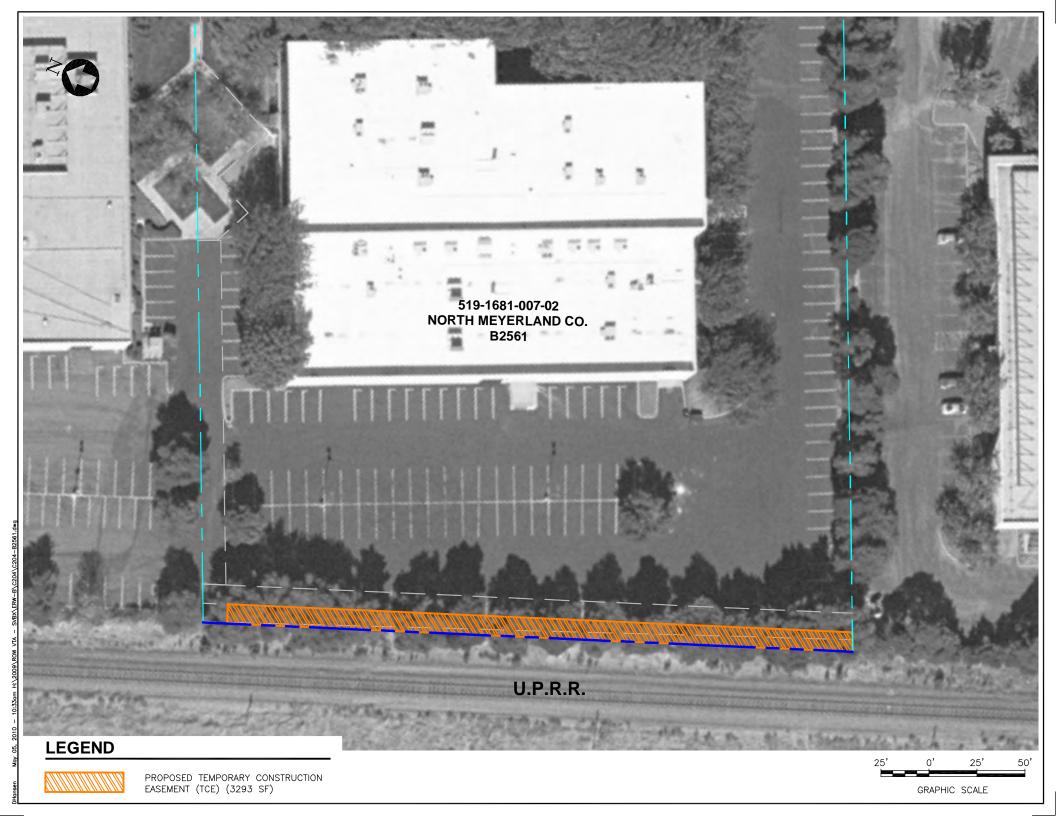
GRAPHIC SCALE

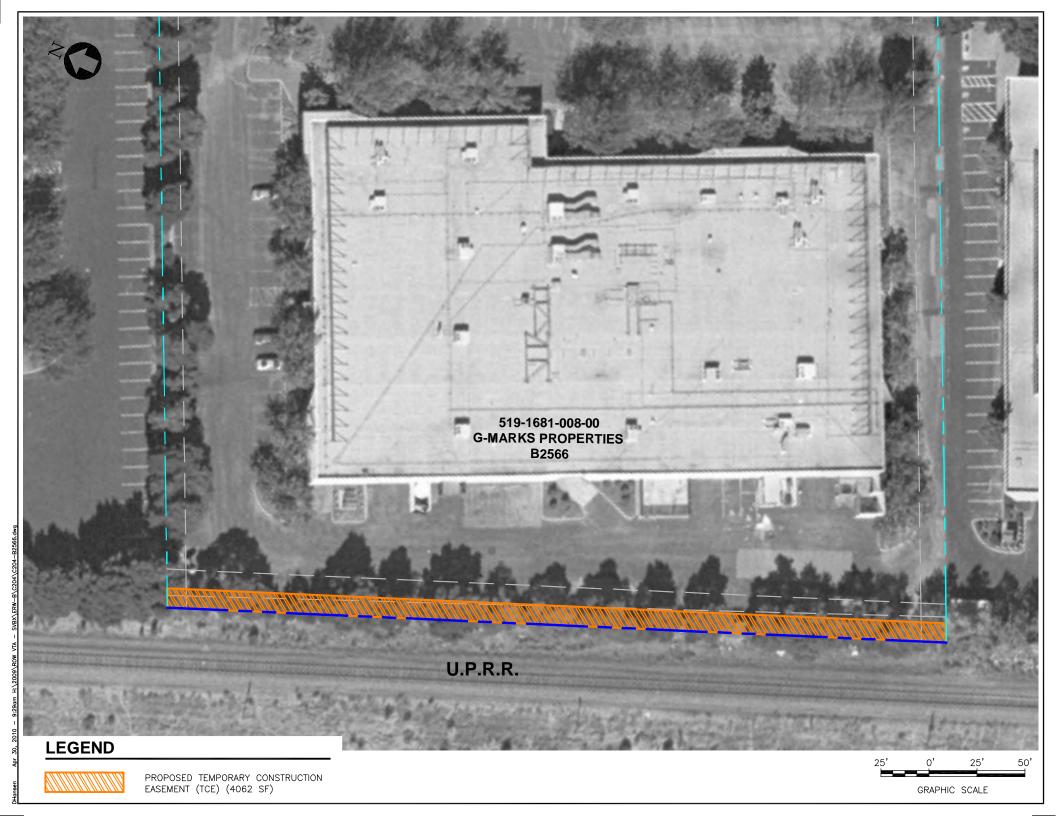








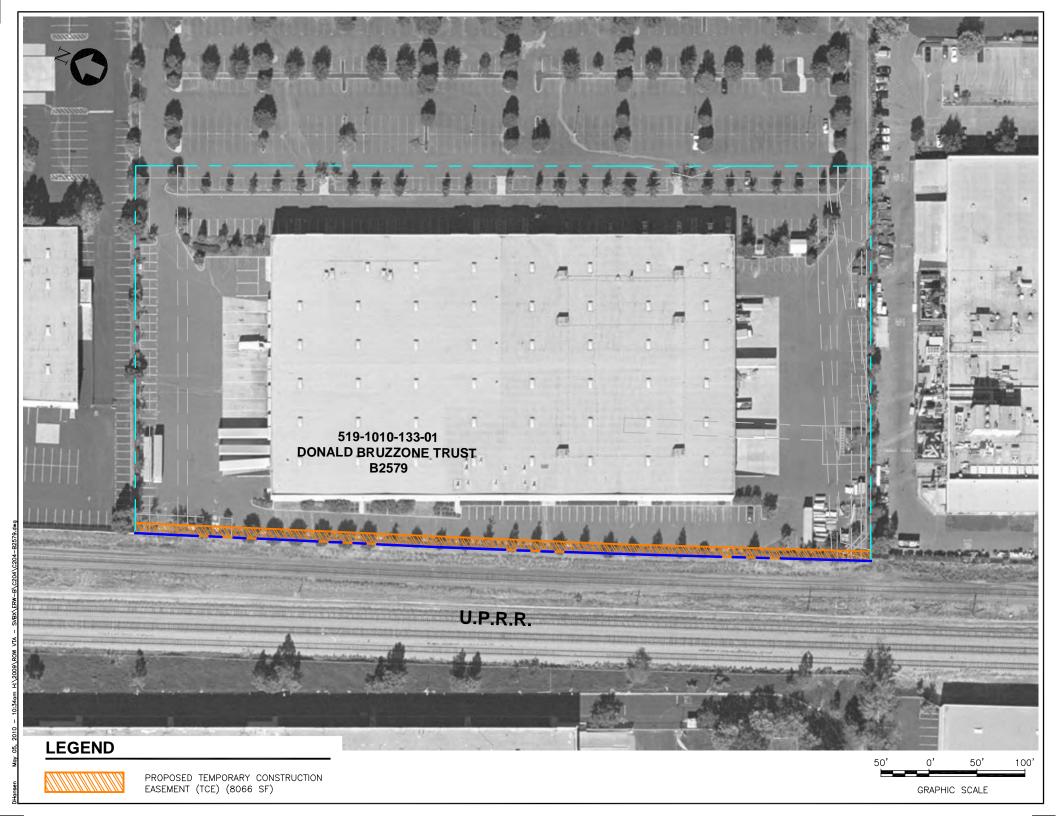


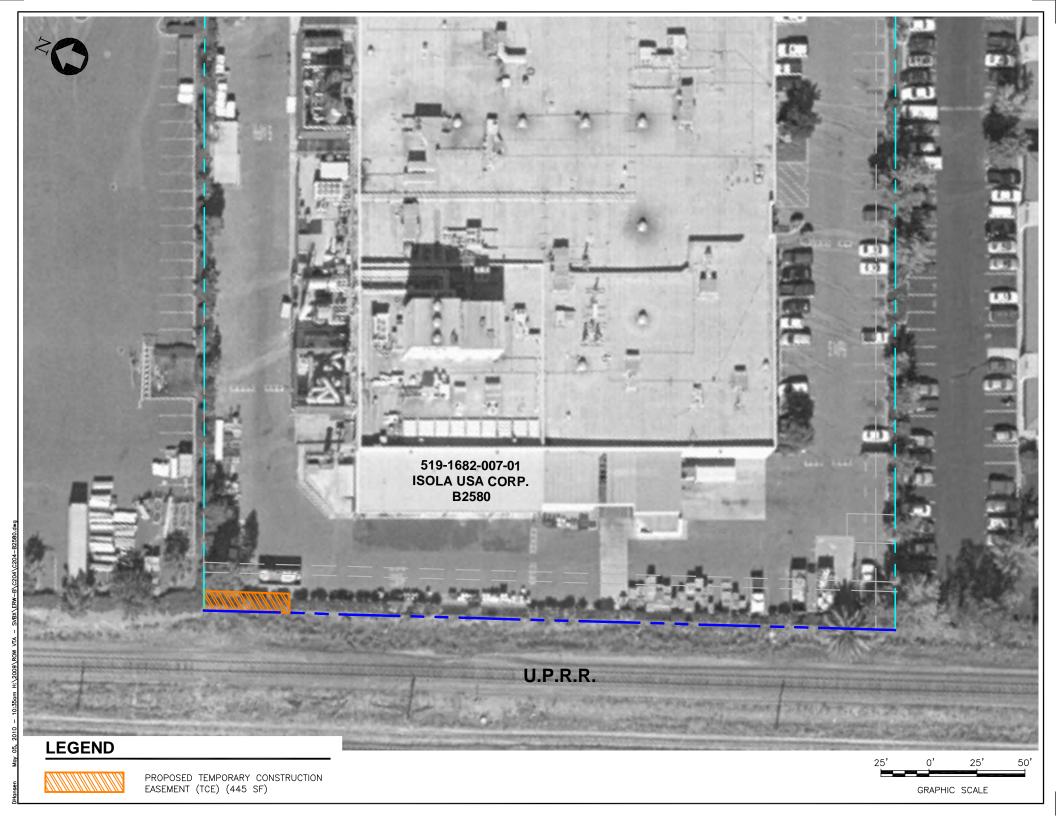




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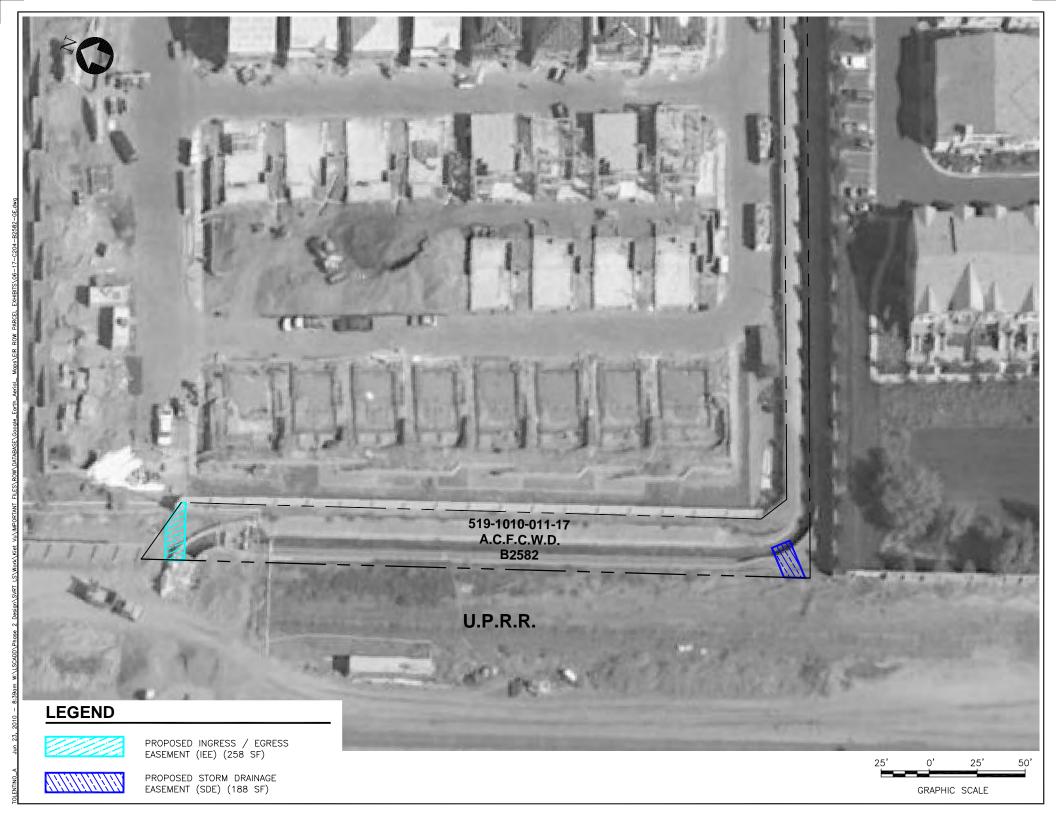


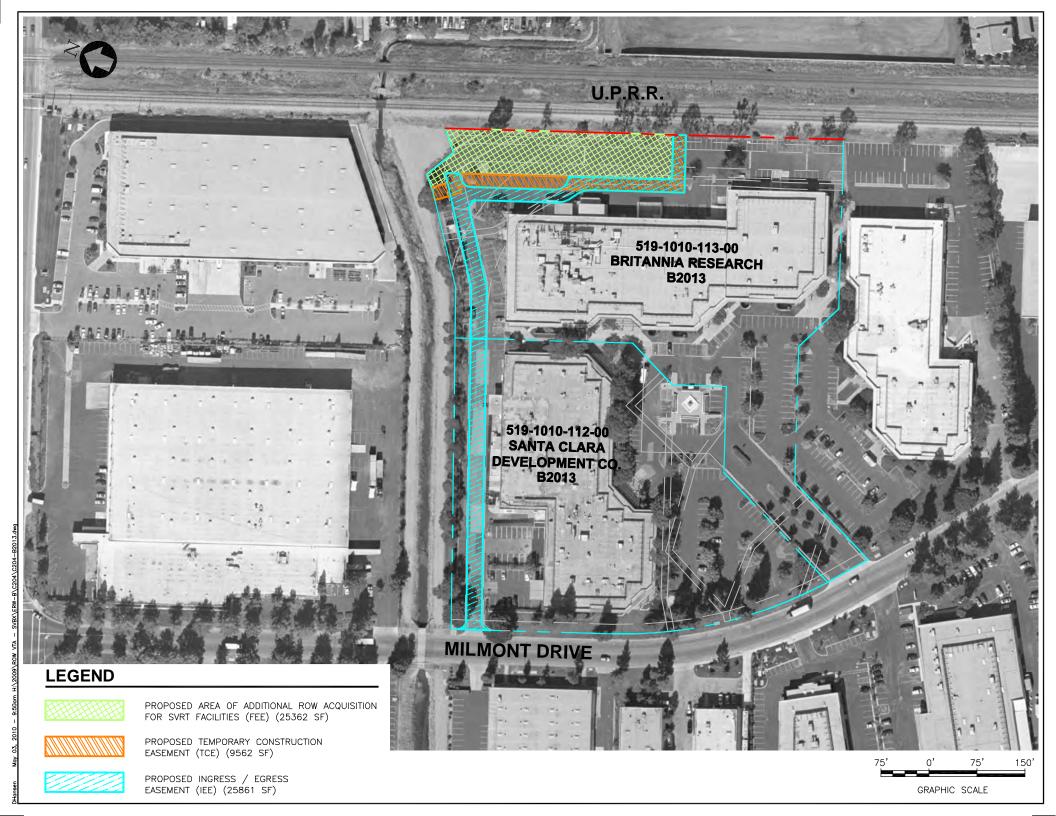




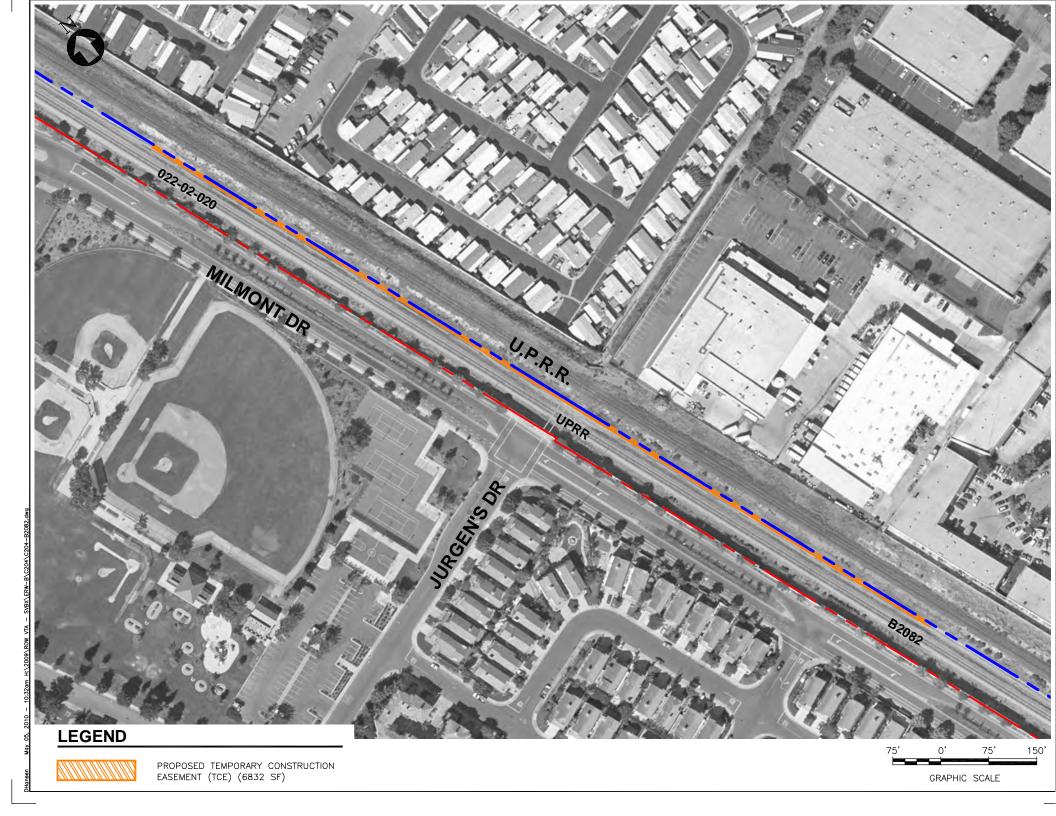




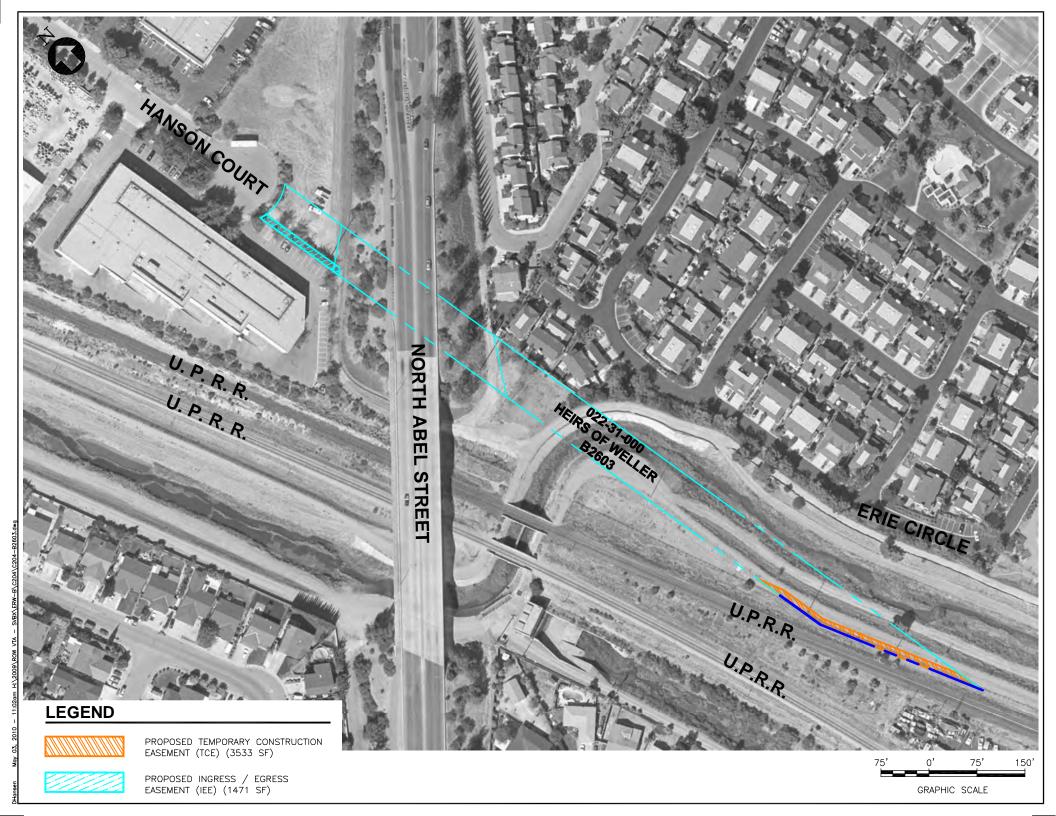


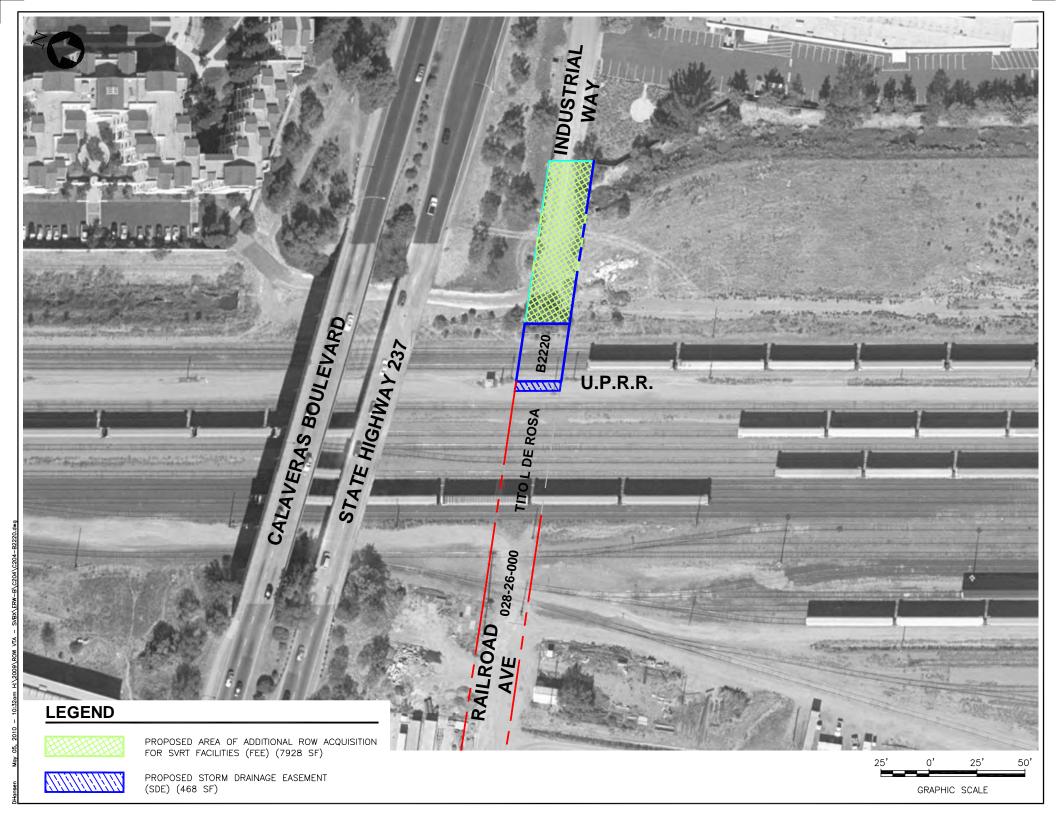


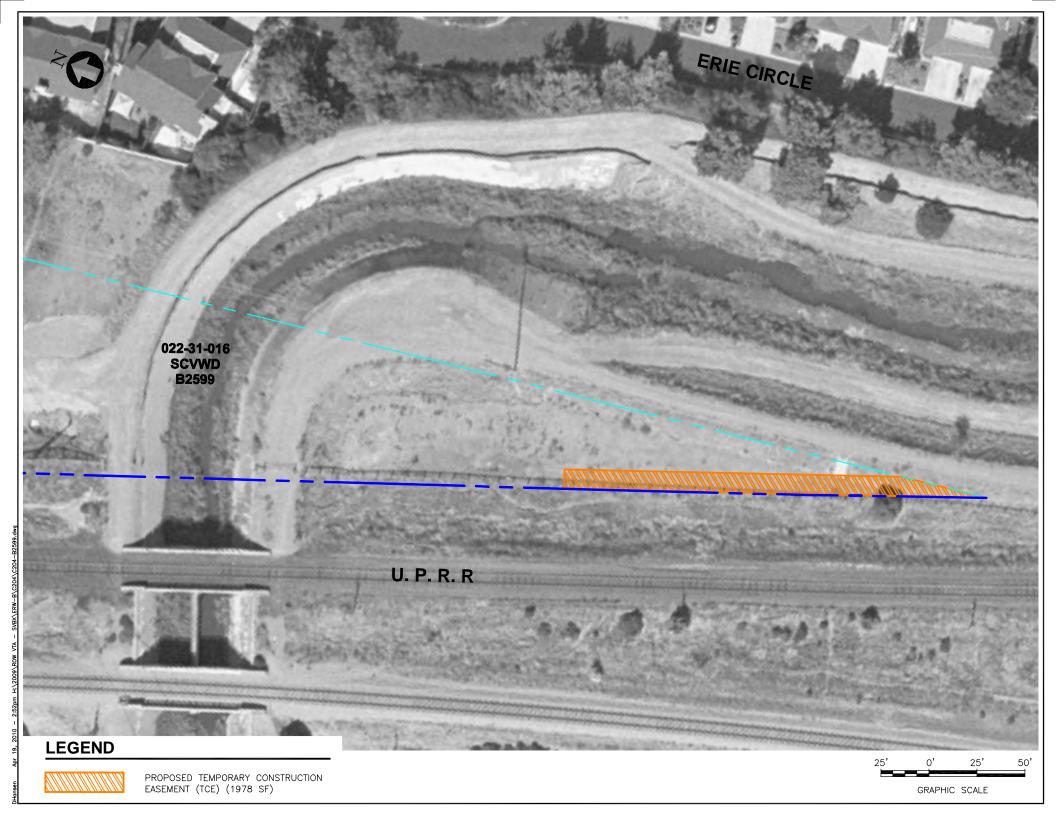


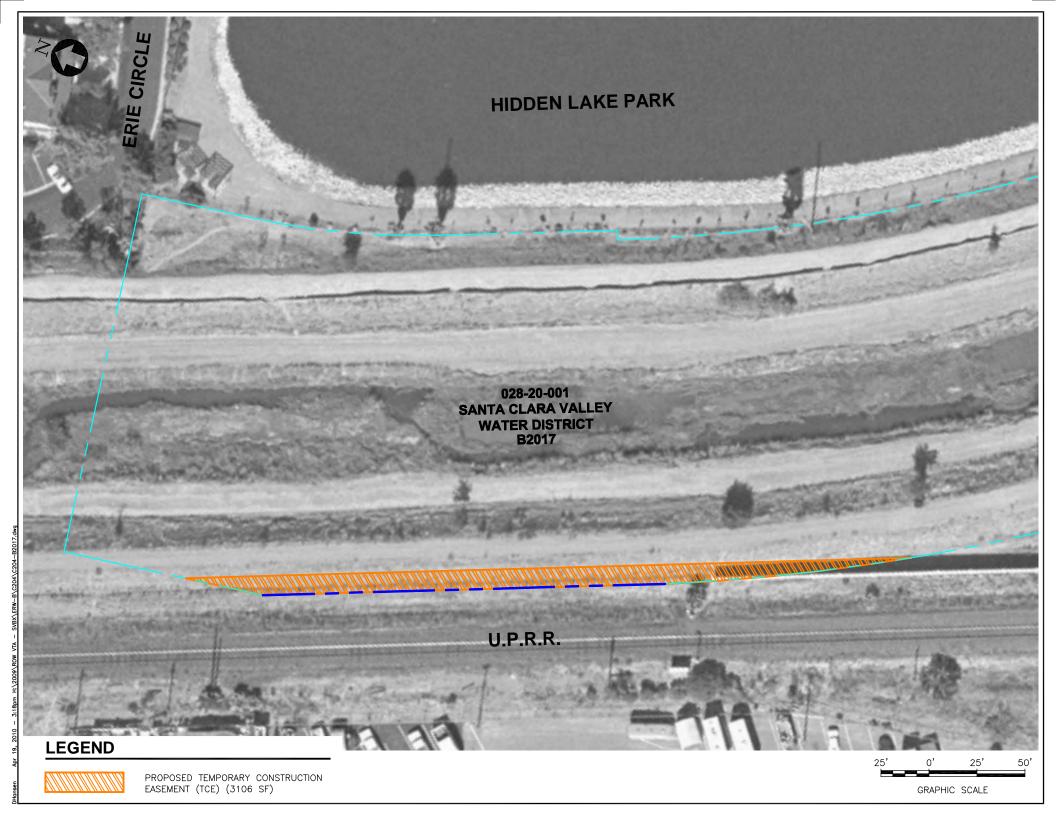


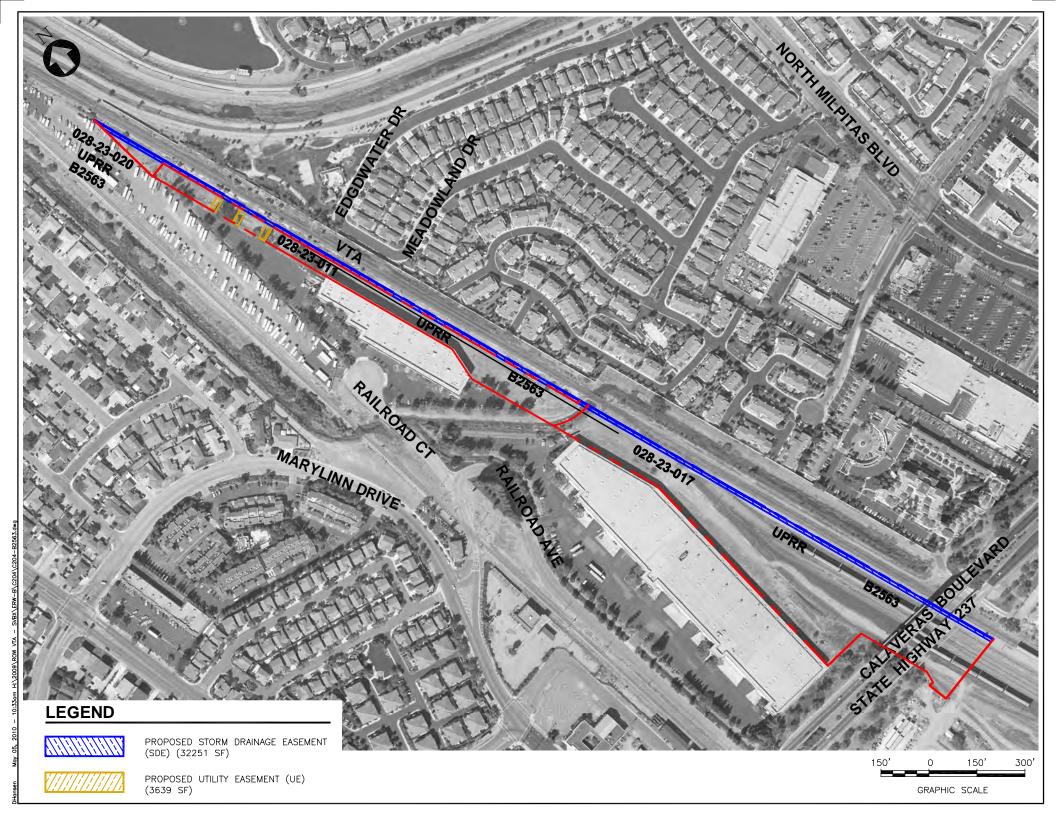
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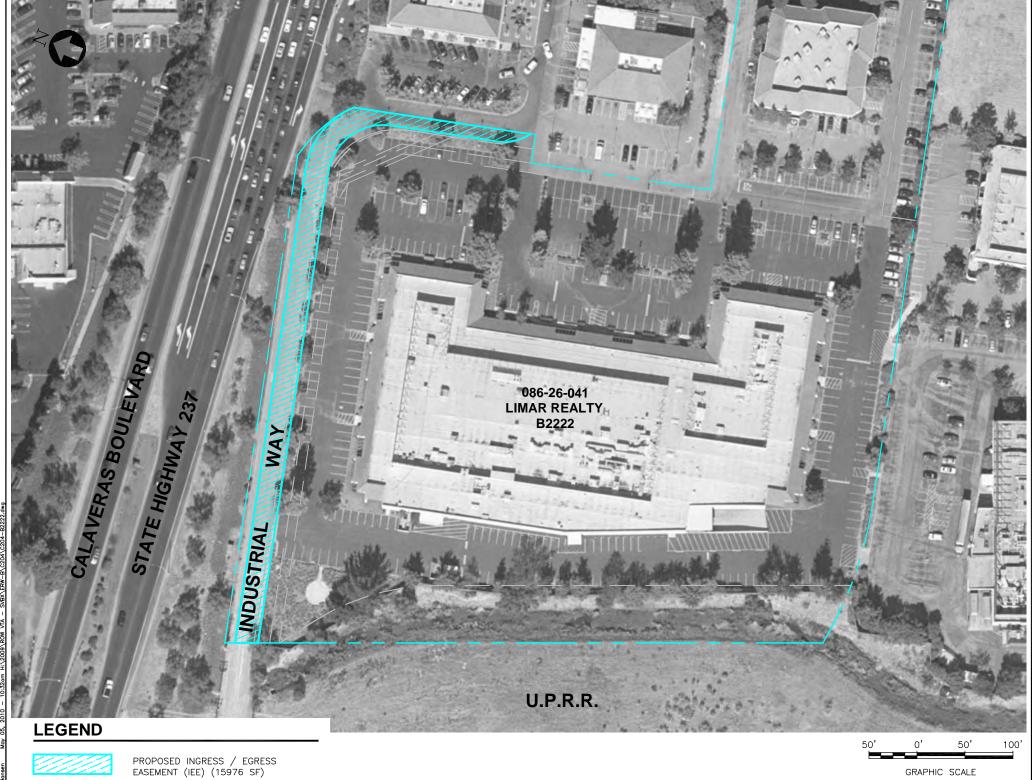






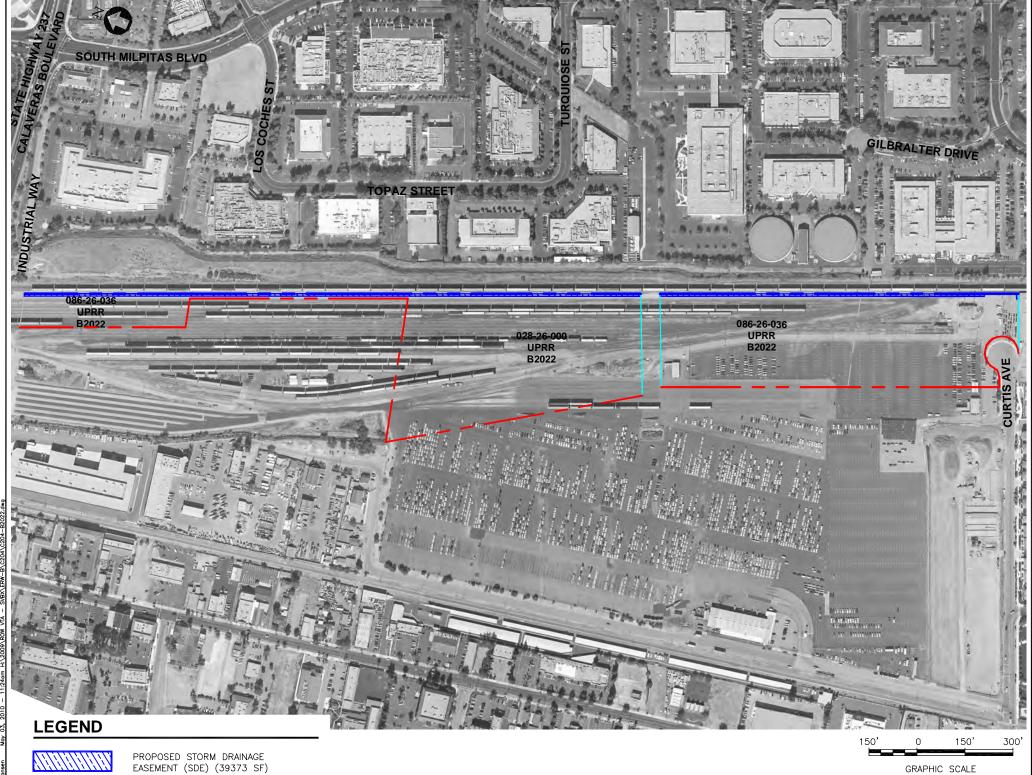




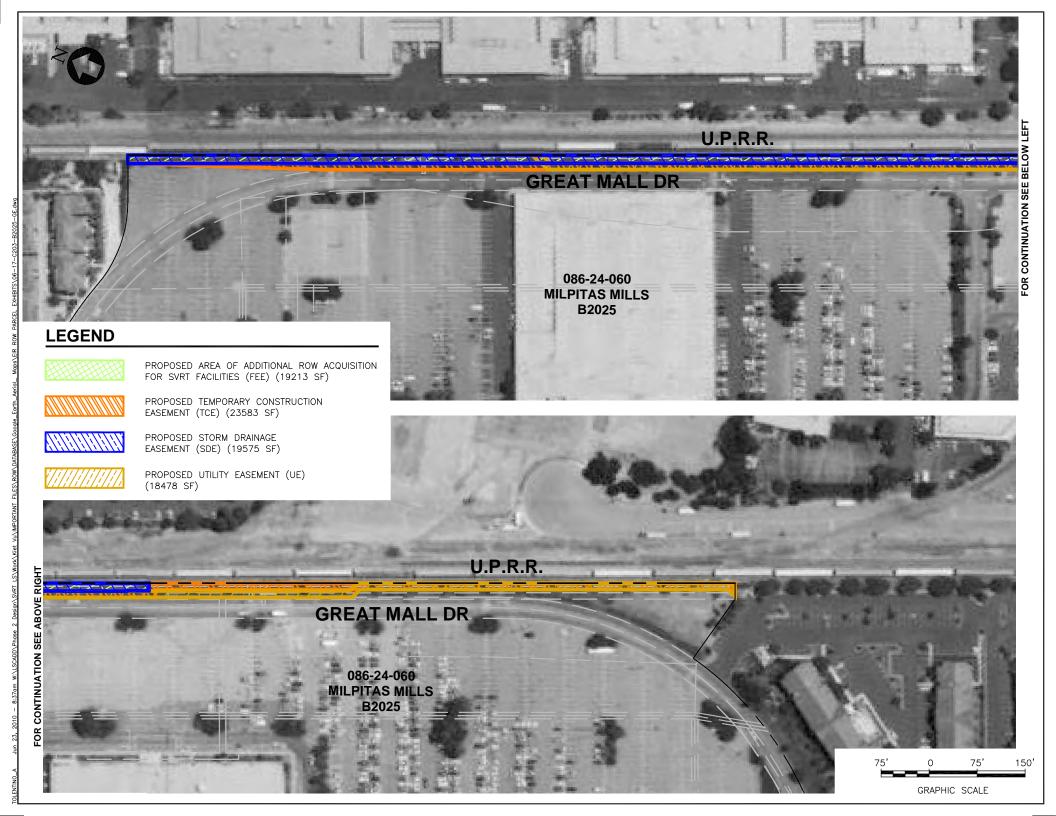


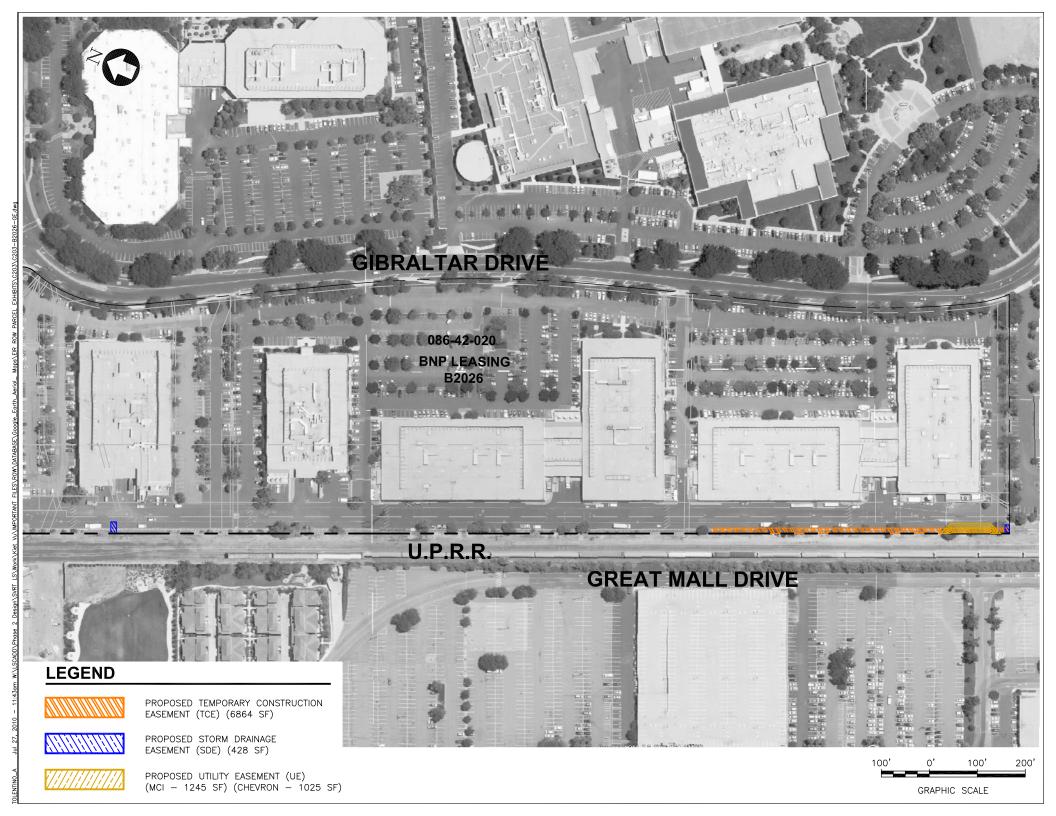




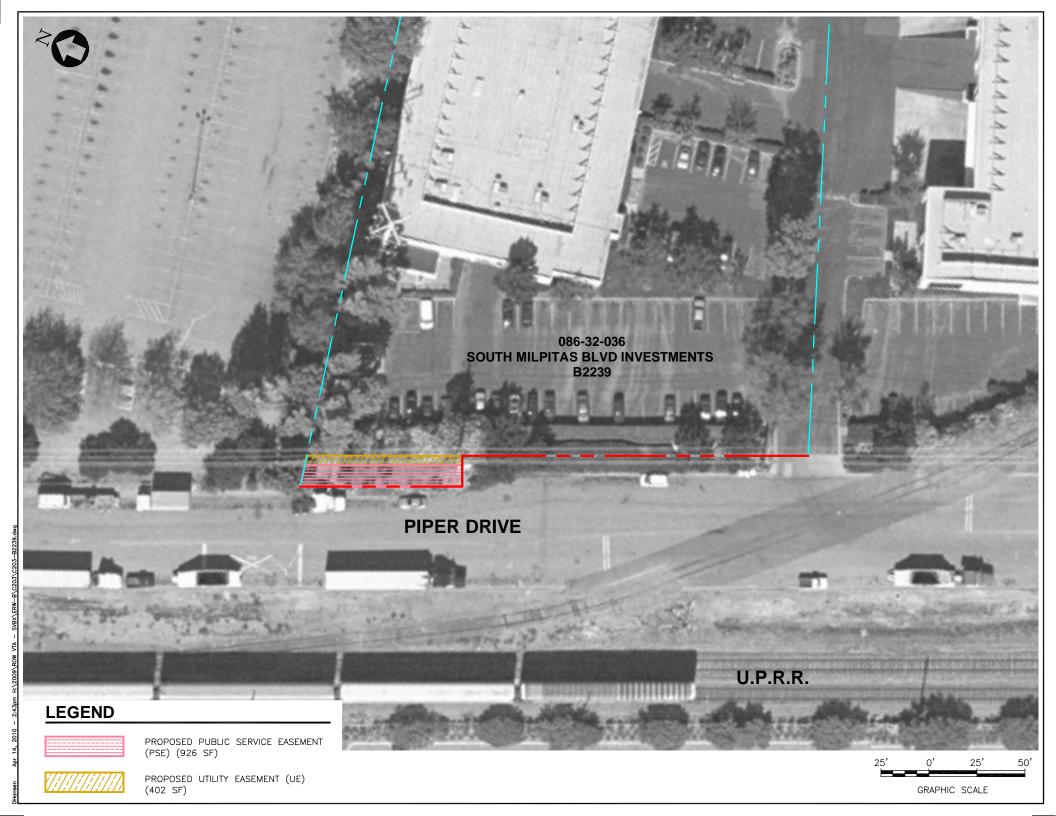


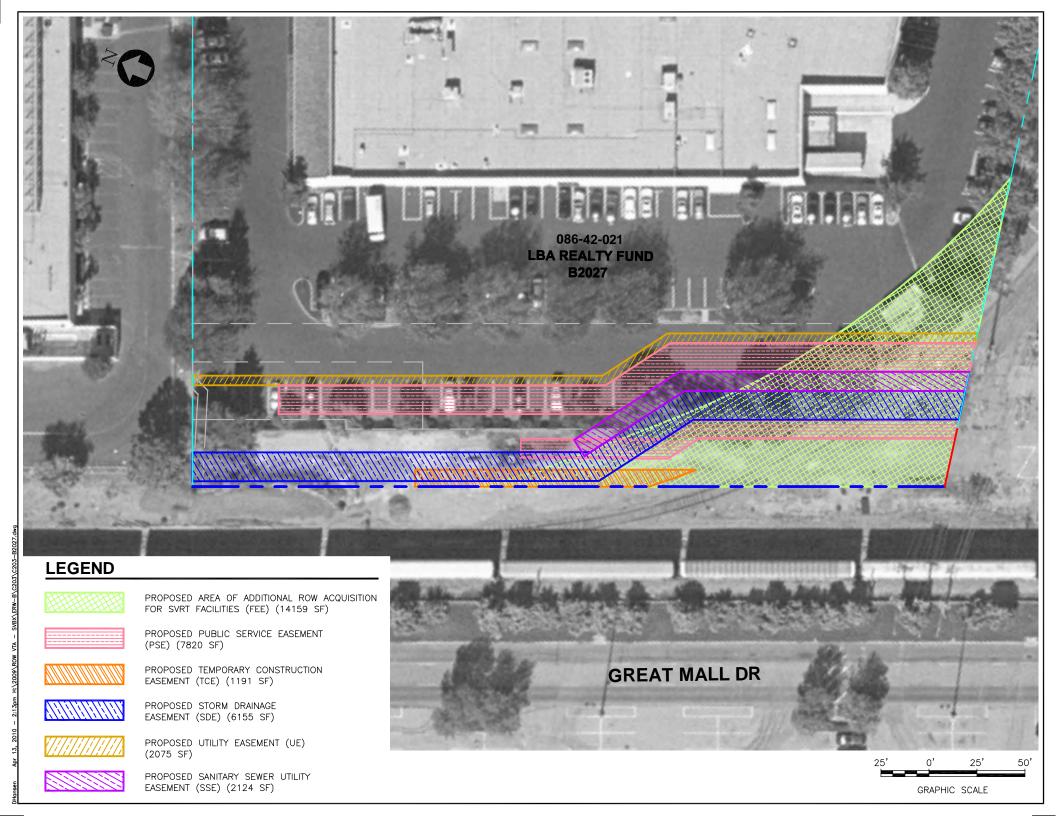


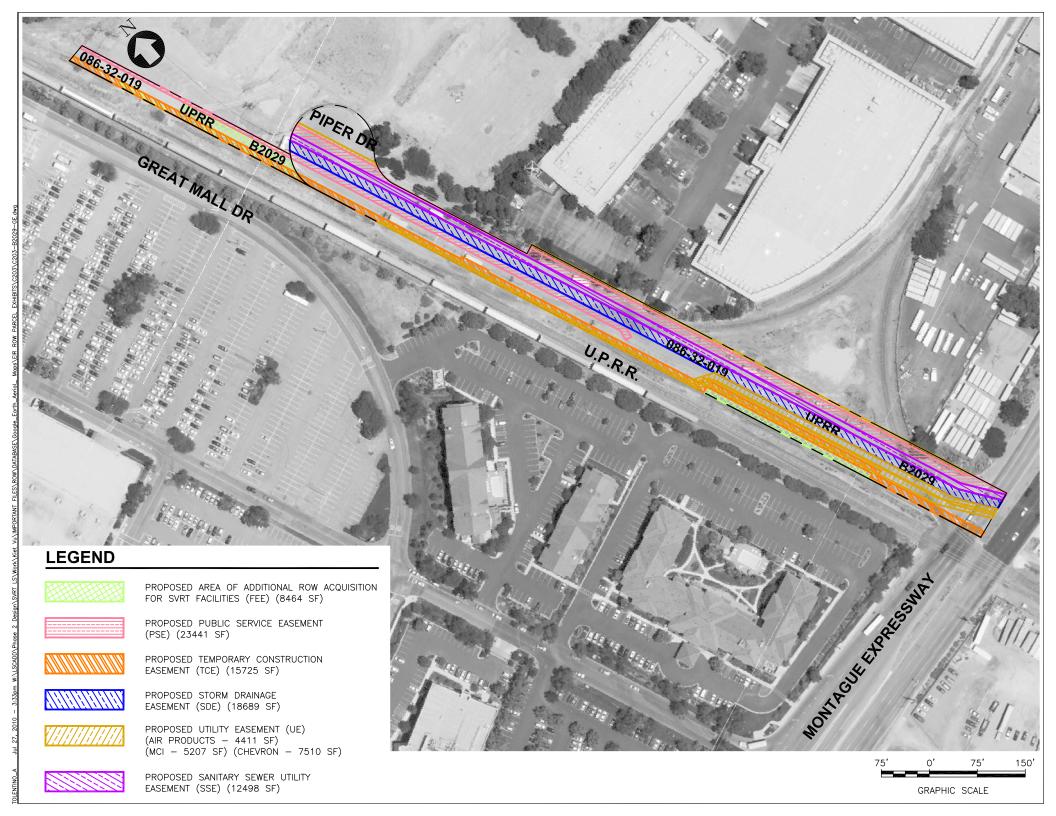


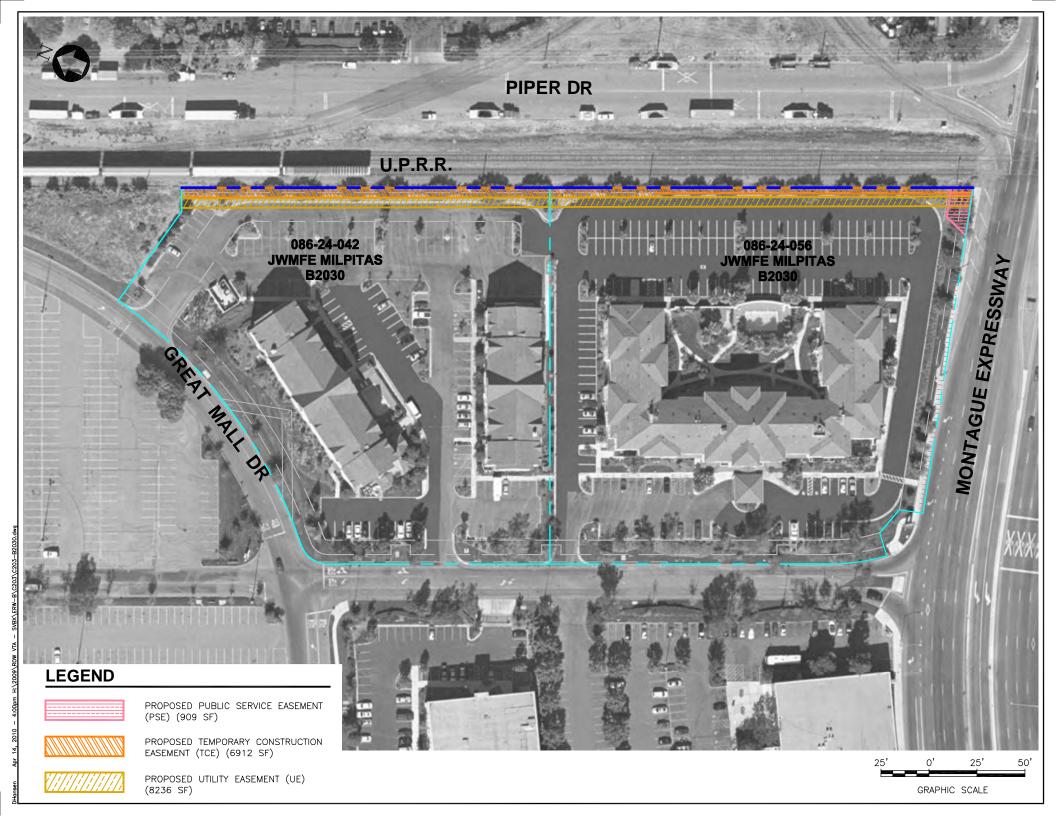




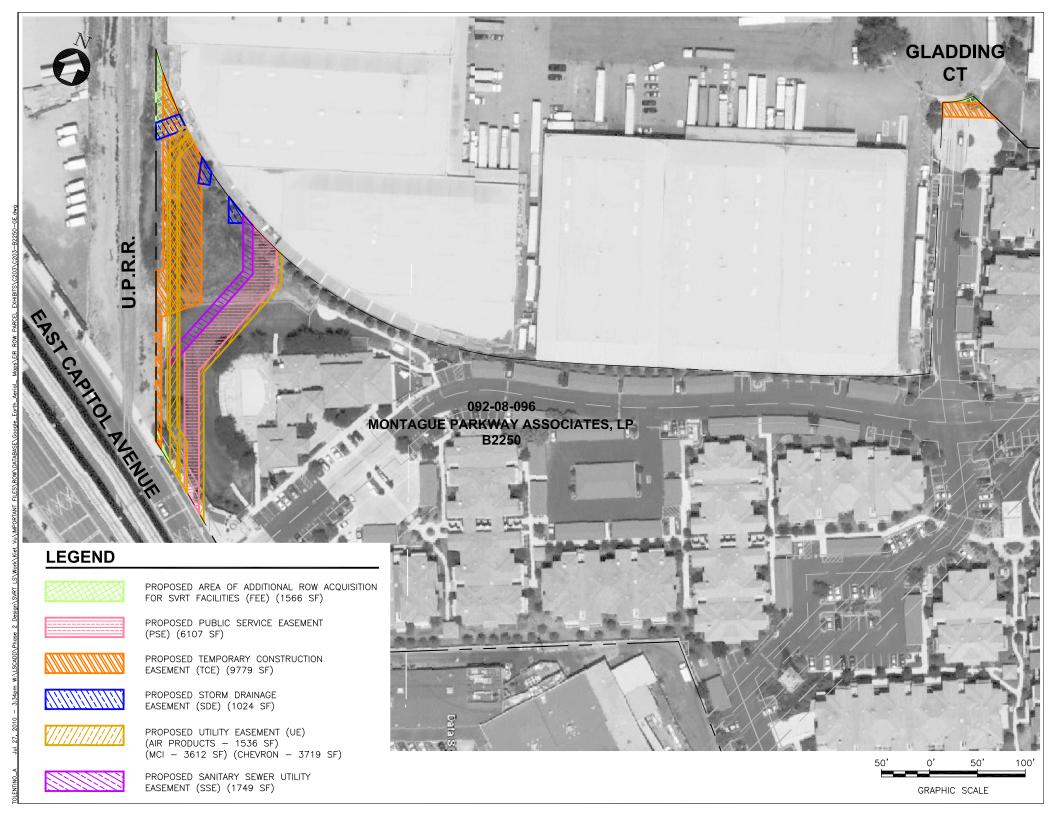


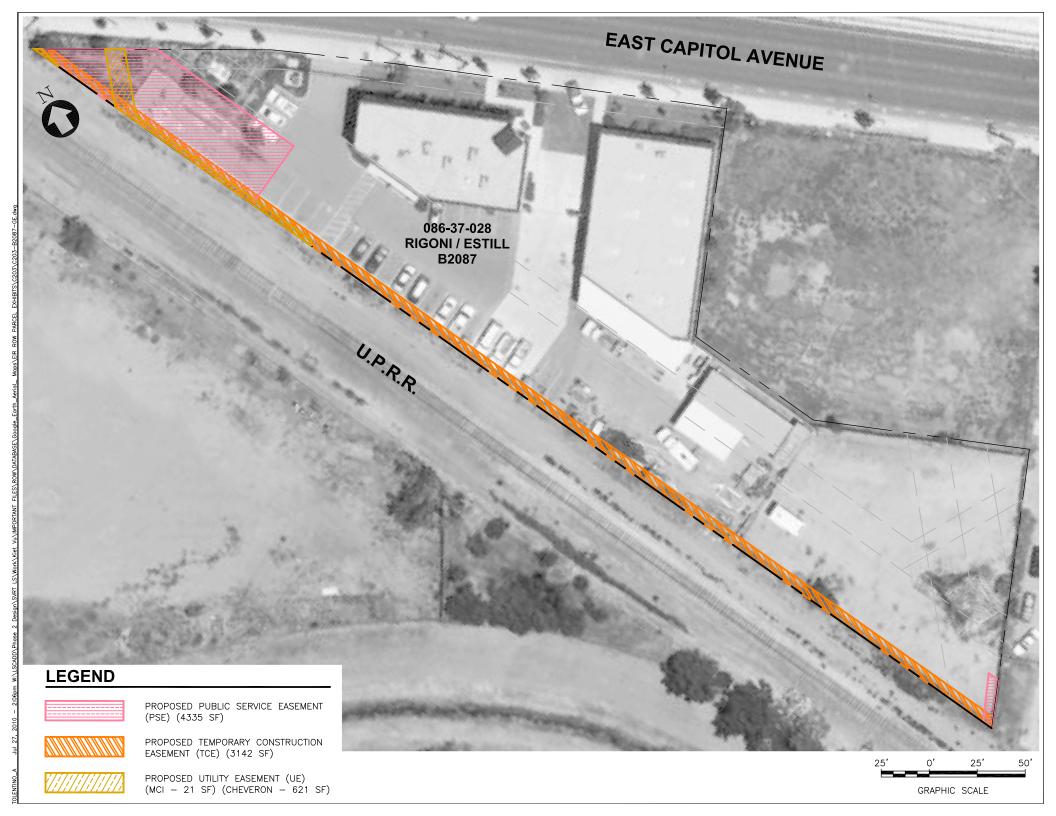






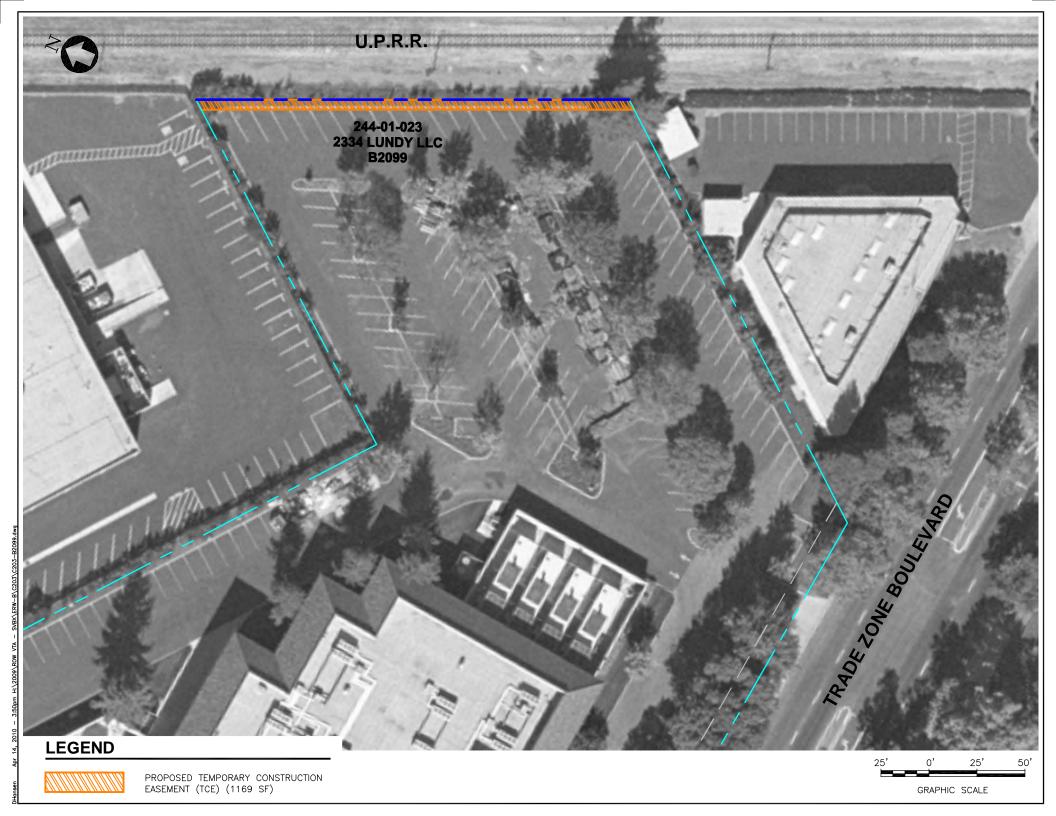


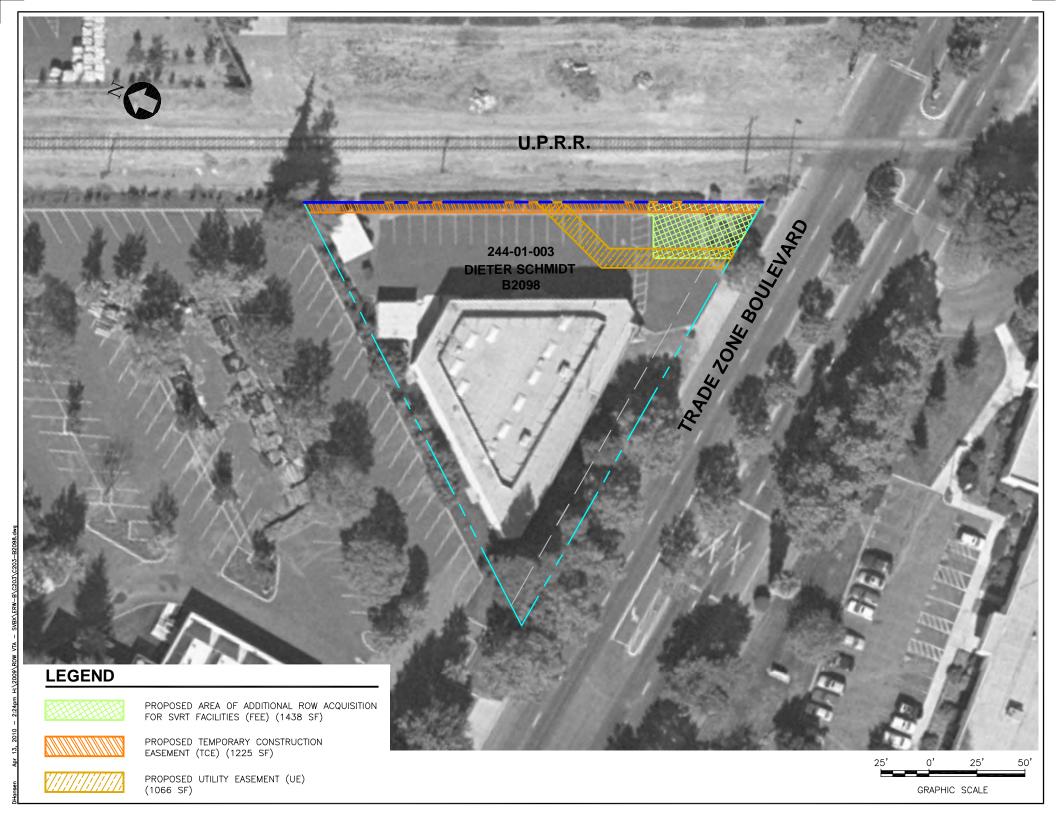




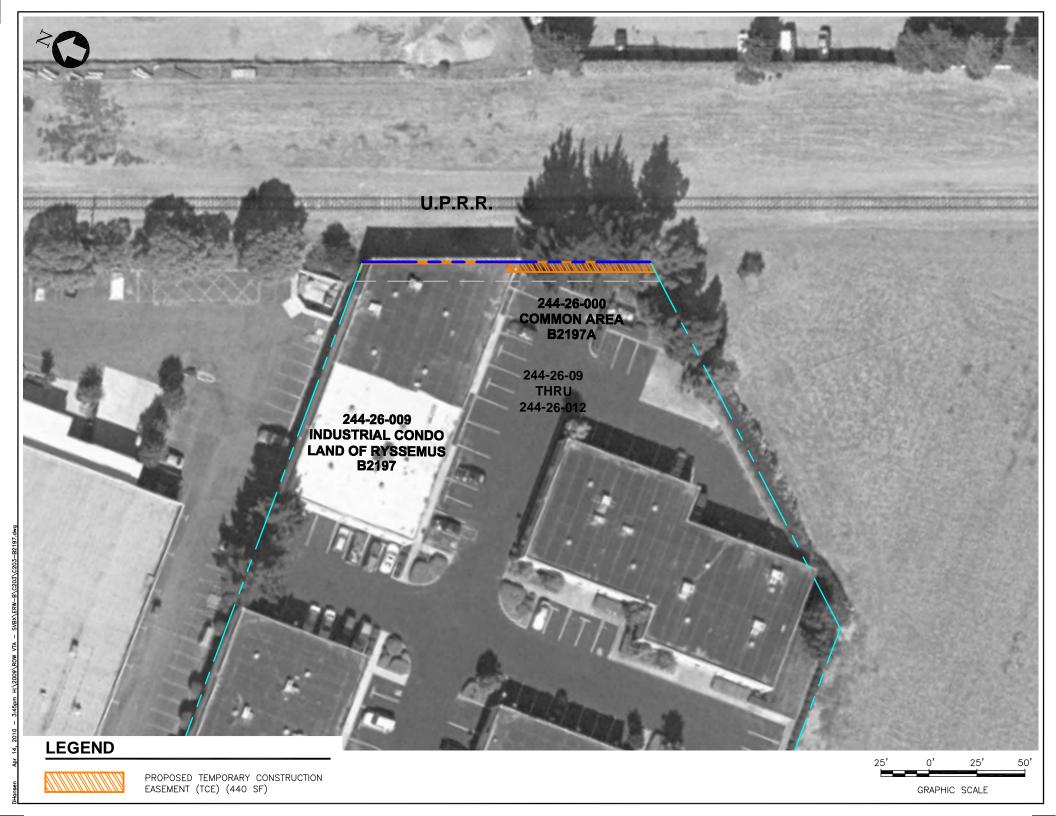




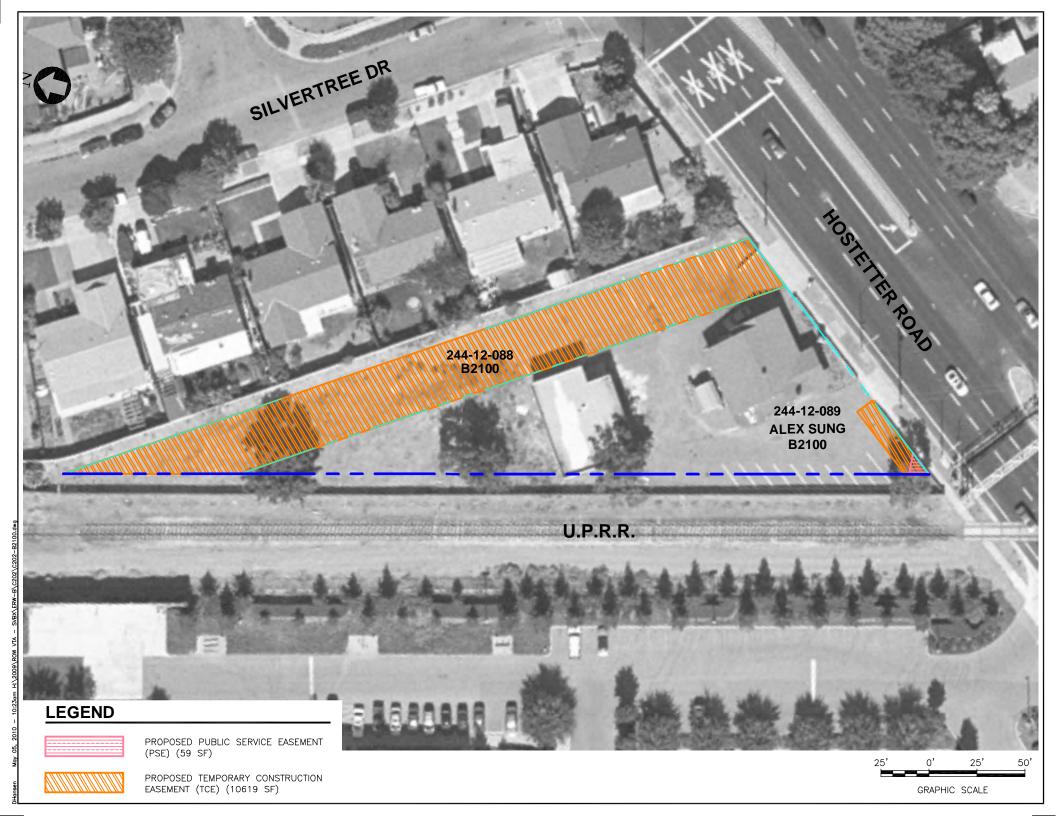


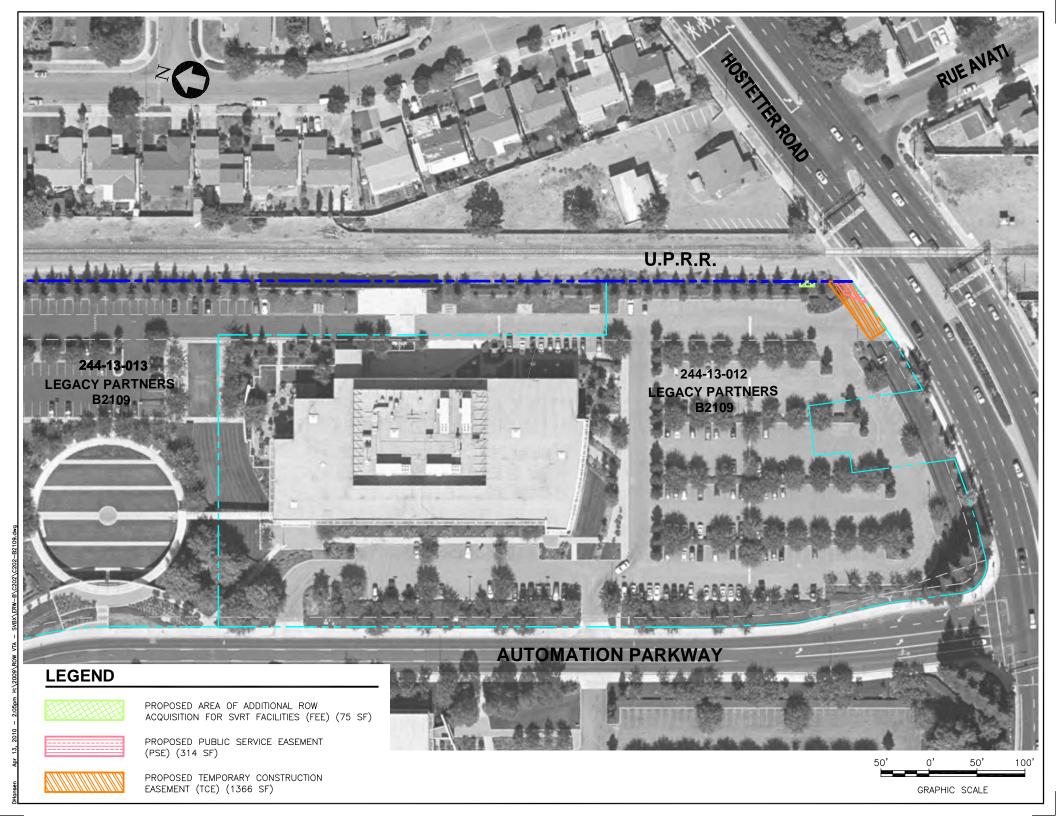






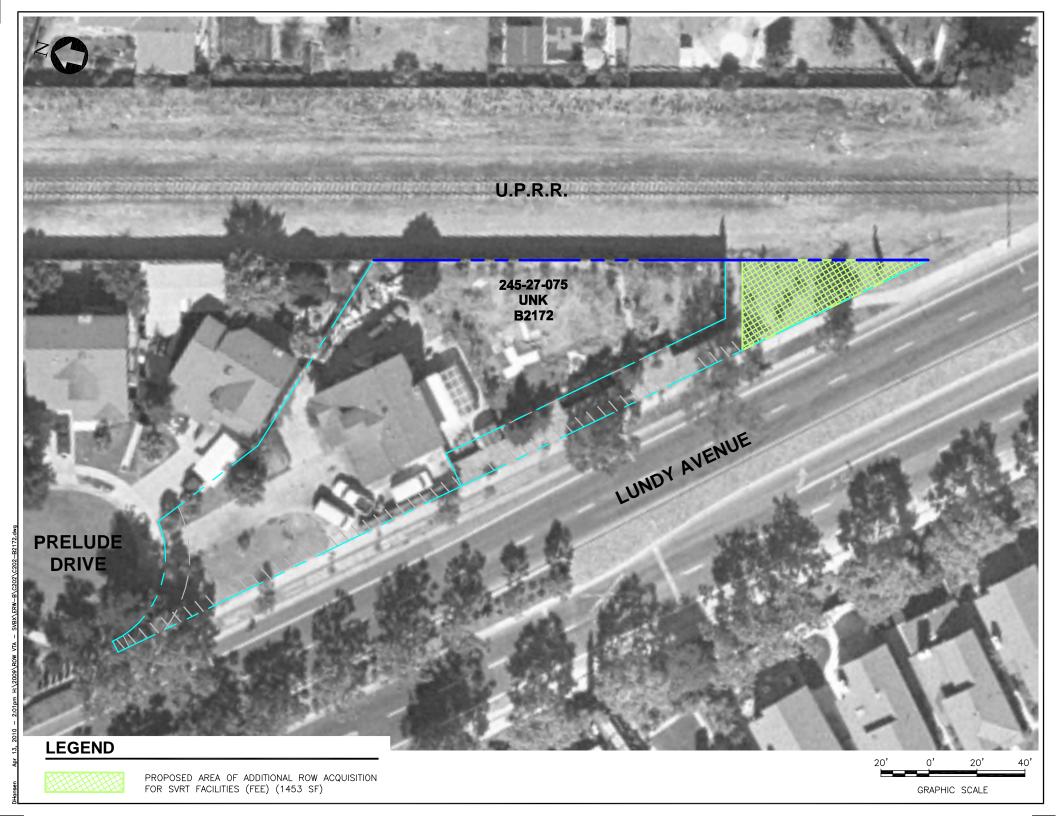


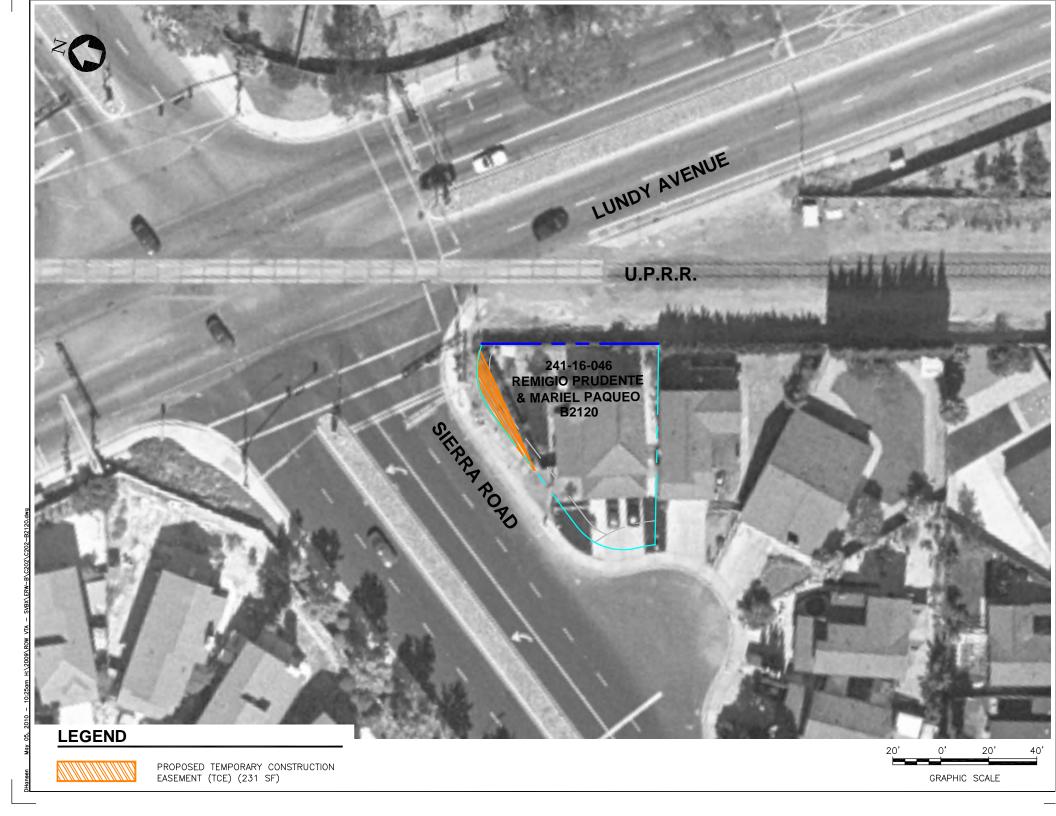


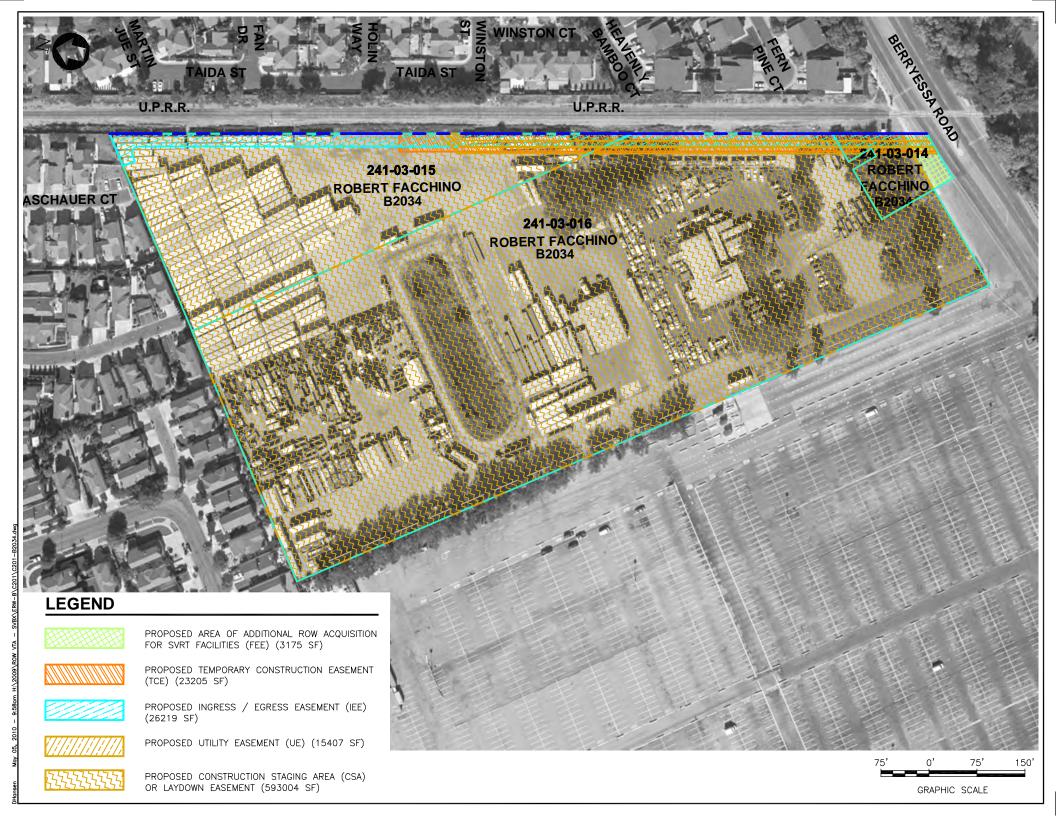


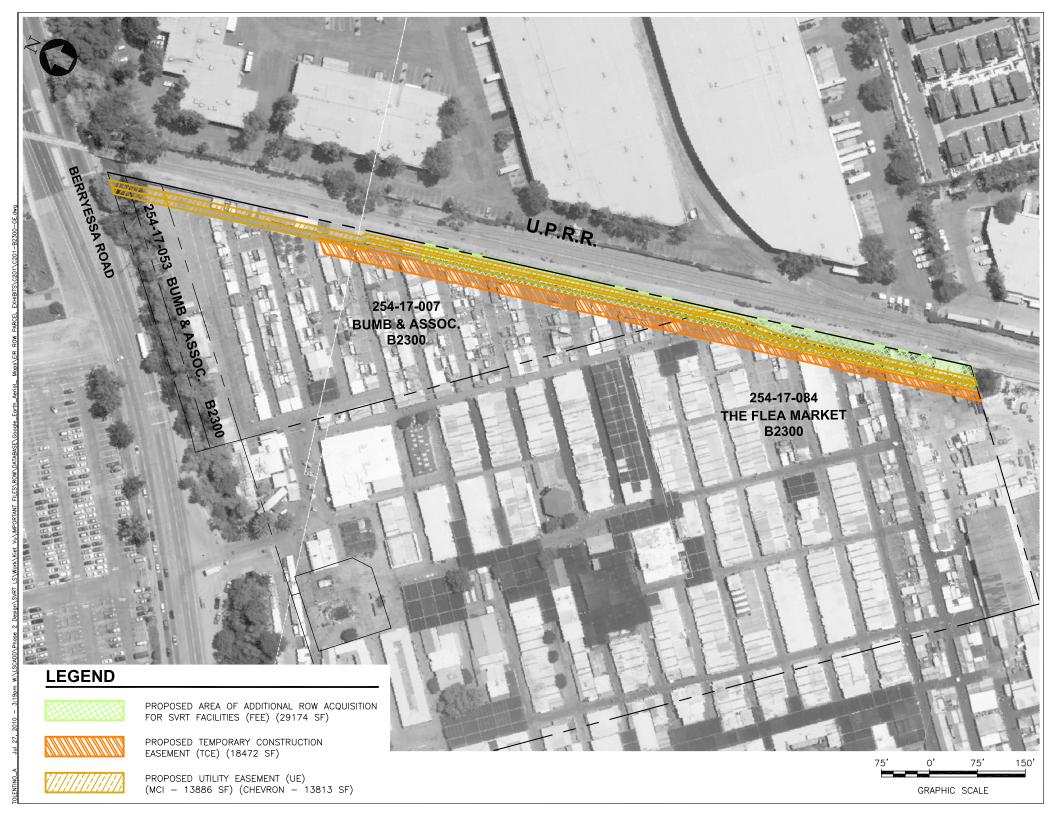


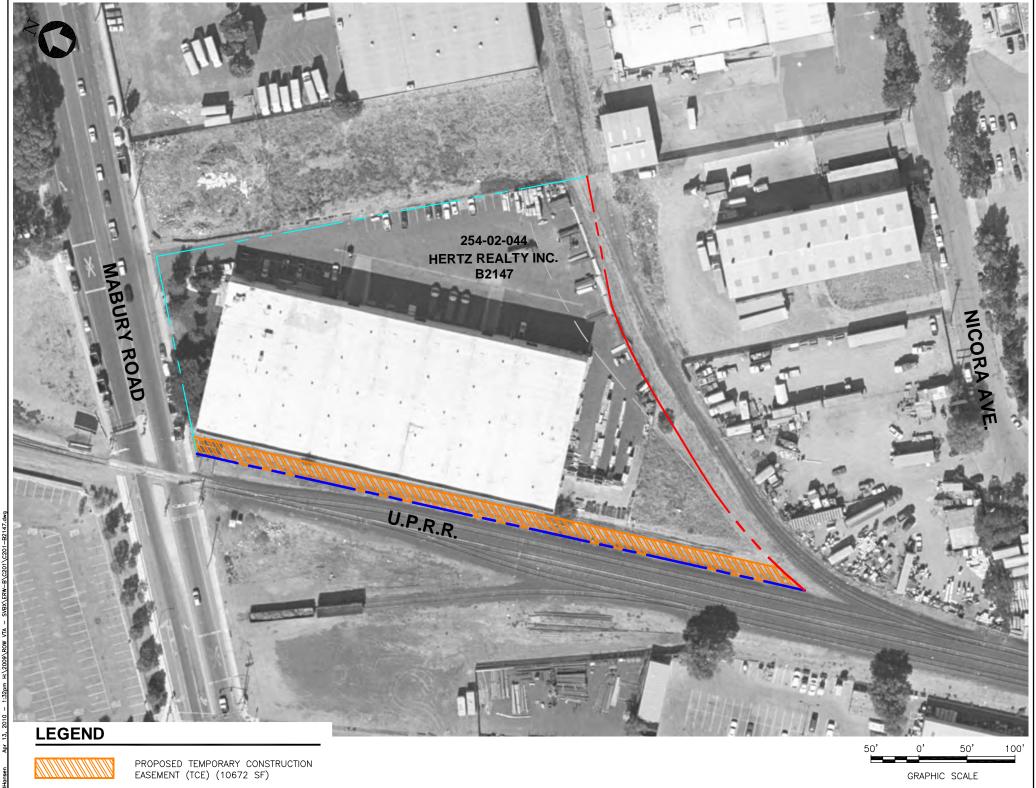








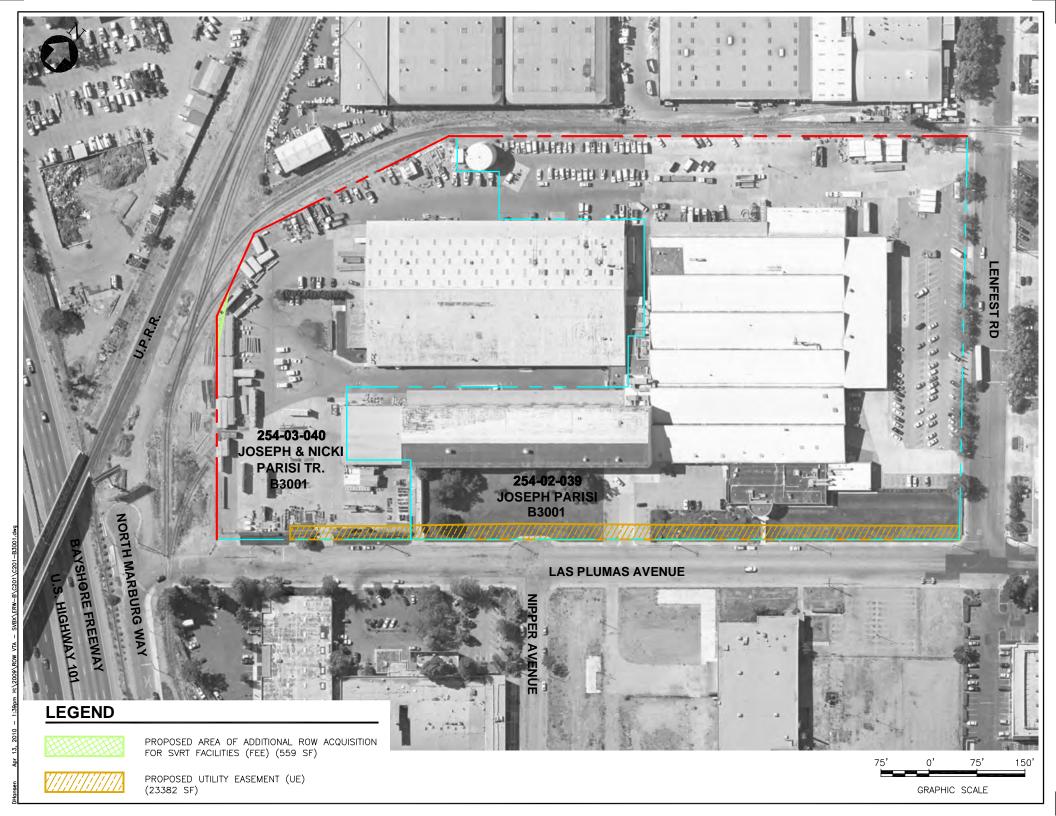




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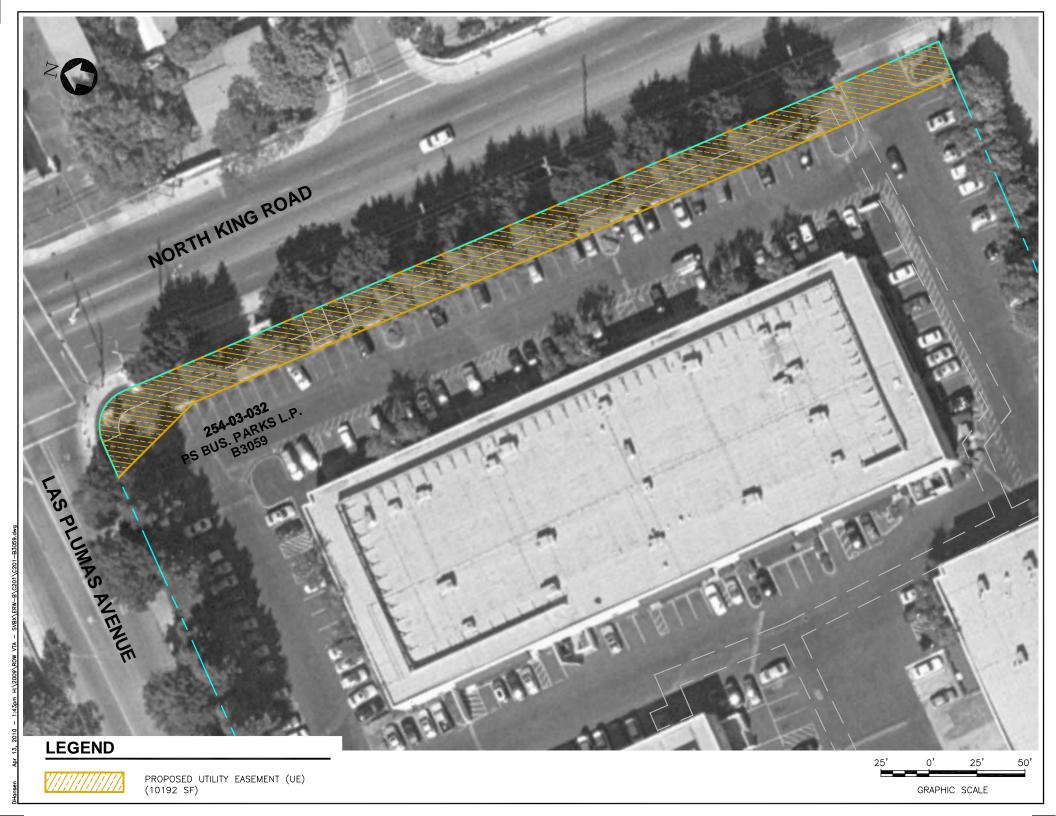


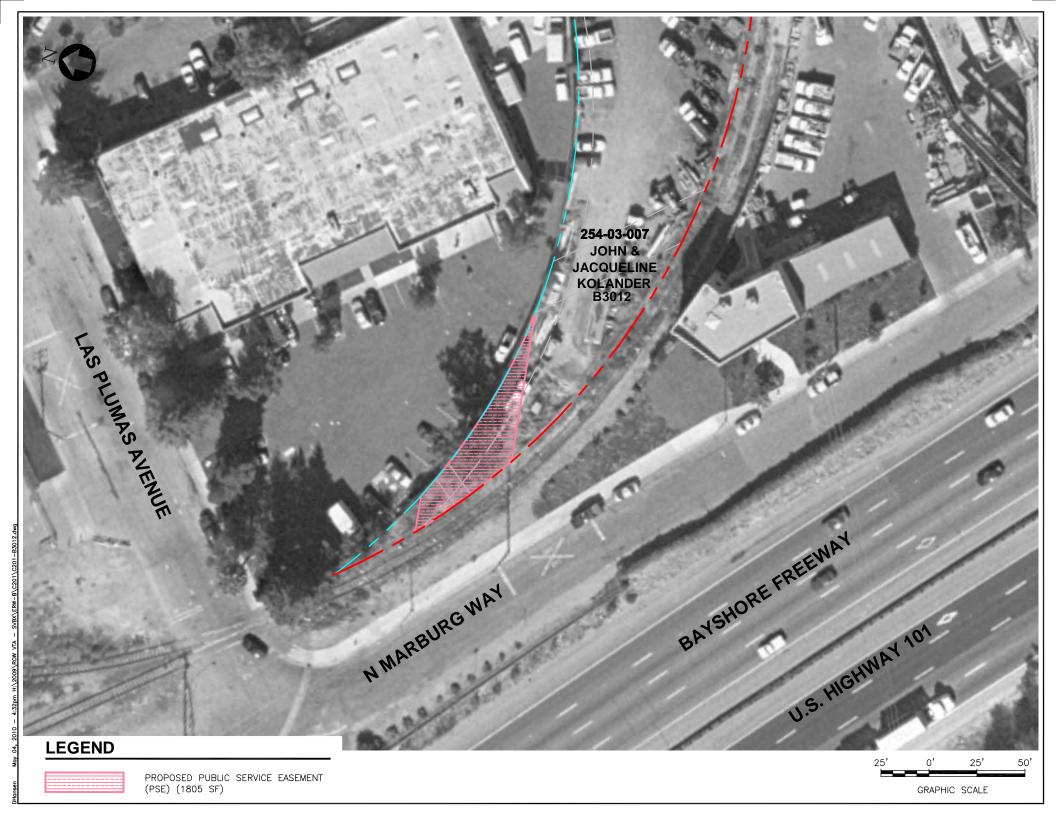














Appendix B

Table of Impacts

PIN	APN	Туре	Environmental Impact
B2008	519-0850-008-06		
		TCE	Temporary loss of 90 parking spaces for up to 3 years, 8 trees to be removed and replaced with similar species at a 1:1 ratio where feasible, trash enclosure to be relocated. Less than significant impact.
		IEE	Access gate to alignment to be installed in fence. Permanent loss of up to 4 trees and 2-3 parking spaces to construct access gate to alignment. Less than significant impact.
B2158	519-950-014		
			Less than significant impact.
		IEE	Access gate to alignment to be installed in fence. Less than significant impact.
B2158	519-950-015		
		IEE	Access gate to alignment to be installed in fence. Permanent loss of up to 4 trees and 5 parking spaces to construct access gate to alignment. Less than significant impact.
B2159	519-950-13		
		SDE	Less than significant impact.
		IEE	This culvert (Agua Fria/Line D) would be relocated to curve east farther north. The section of the existing culvert where the IEE is proposed would be abandoned and filled prior to construction of the IEE as part of the City of Fremont's Warren Avenue Grade Separation Project. An access gate to the alignment would be installed in the existing fence. Permanent loss of 3 trees to construct access gate to alignment. Less than significant impact.
B2557	519-1681-003-00		
		TCE	Up to 3 trees will be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2558	519-1681-004		
		TCE	Less than significant impact.
B2559	519-1681-005		
		TCE	Temporary loss of 10 parking spaces for up to 3 years, 4 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2564	519-1005-028-01		
		TCE	Less than significant impact.

PIN	APN	Туре	Environmental Impact
B2560	519-1681-006-01		
		TCE	Temporary loss of 5-6 parking spaces for up to 3 years, 2 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2561	519-1681-007-02		
		TCE	Temporary loss of 40 parking spaces for up to 2 years, 13 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2566	519-1681-008-00		
		TCE	Temporary loss of 35 parking spaces for up to 2 years, 1 trash enclosure, and 18 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2567	519-1681-032-00		
		TCE	Temporary loss of 18 parking spaces for up to 2 years, 8 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2569	519-1010-095-00		
		TCE	Temporary loss of 30 parking spaces for up to 2 years, 3 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2579	519-1010-133-01		
		TCE	Temporary loss of 13 parking spaces for up to 2 years, 30 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2580	519-1682-007-01		
		TCE	Temporary loss of 5 parking spaces for up to 3 years, 6 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2598	519-1010-11-26		
		TCE	8 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2050	519-1010-136		
		IEE	Access gate to alignment to be installed in fence. Permanent loss of up to 4 parking spaces to construct access gate to alignment. Less than significant impact.

PIN	APN	Туре	Environmental Impact
B2014	519-1010-020		
		TCE	Less than significant impact.
		UE	Less than significant impact.
B2073	519-1010-58-03		
		IEE	Gate already in place. Less than significant impact.
	519-1010-01		
		IEE	Gate already in place. Less than significant impact.
B2582	519-1010-011-17		
		SDE	Less than significant impact.
		IEE	Gate already in place. Less than significant impact.
B2013	519-1010-113-00		
		TCE	Temporary loss of 45 parking spaces for up to 4 years, 3 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2166	519-1010-021		
		TCE	Less than significant impact.
B2082	022-02-020		
		TCE	Less than significant impact.
B2164	022-02-007		
		SDE	Less than significant impact.
B2603	022-31-000		
		TCE	Less than significant impact.
		IEE	Less than significant impact.
B2220	086-26-000		
		SDE	Less than significant impact.
B2599	022-31-016		
		TCE	Less than significant impact.

PIN	APN	Туре	Environmental Impact
B2017	028-20-001		
DZU17	020-20-001		Concrete wall to be removed during construction and restored to preconstruction conditions
		TCE	after construction is complete. Less than significant impact.
B2563	028-23-011		
		SDE	Less than significant impact.
	028-23-017		
		SDE	Less than significant impact.
	028-23-020		
		SDE	Less than significant impact.
		UE	Less than significant impact.
B2595	028-27-000		
		SDE	Concrete wall to be removed during construction and restored to preconstruction conditions after construction is complete. Less than significant impact.
		TCE	Less than significant impact.
B2139	086-25-006	ITOL	Less than significant impact.
D2133	000-25-000	SDE	Less than significant impact.
B2238	028-23-015	UDL	2000 than digimount impact.
BEEGG	020 20 010	SDE	Less than significant impact.
B2222	086-26-041	UDL	2000 than digimount impact.
	333 23 311	IEE	Less than significant impact.
B2223	086-28-035		
		IEE	Less than significant impact.
B2224	086-28-040		
		IEE	Less than significant impact.
B2022	086-26-036		
		SDE	Less than significant impact.
B2023	086-49-050		
		TCE	Temporary loss of landscaping. Area within the TCE is to be restored to pre-construction conditions once construction is complete. Less than significant impact.

PIN	APN	Туре	Environmental Impact
B2583	086-42-016		
		SDE	Less than significant impact.
B2025	086-24-060		
		FEE	Less than significant impact.
		TCE	Second phase of construction to construct retaining wall and relocated UPRR tracks. Temporary closure of one lane of Great Mall Drive for up to one year, not during the holiday season, requiring 1 way traffic control for portions of Great Mall Drive. Closure would be necessary for safety purposes only when workers are immediately adjacent to the roadway. Less than significant impact.
		SDE	Less than significant impact.
		UE	First phase of construction. To be constructed prior to TCE/retaining wall above. Construction duration of 3 months for the relocation of utilities. Permanent loss of 135 trees for relocated UPRR tracks. Existing chain link fence with redwood slats to be removed during construction and replaced after construction on top of new retaining wall along Great Mall Drive. Screening vegetation will be planted at the base of the retaining wall, if feasible. Less than significant impact.
B2026	086-42-020/22		
		SDE	Less than significant impact.
		TCE	15 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
	086-42-020/22		
		UE	Less than significant impact.
B2028	086-32-037		
		1	Permanent loss of 2 trees. Less than significant impact.
		UE	Less than significant impact.
		PSE	17 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
			Less than significant impact.
			Less than significant impact.
		SDE	Less than significant impact.

PIN	APN	Туре	Environmental Impact
B2239	086-32-036		
		UE	15 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		PSE	10 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2027	086-42-021		
		FEE	Permanent loss of 5 parking spaces, and trash enclosure to be relocated. Less than significant impact.
		SDE	5 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		UE	Less than significant impact.
		PSE	Less than significant impact.
		PSE	Temporary loss of 40 parking spaces for up to 3 years. Less than significant impact.
		SSE	3 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		TCE	Less than significant impact.
B2029	086-32-019		
		FEE	
		UE	
		UE	Temporary closure of Piper Drive during construction for utility work. Construction duration of up to 2 years. All parcels with access to Piper Drive also have alternate access via Milpitas
		SDE	Boulevard. VTA will work with UPRR to schedule construction so as to minimize impacts to
		PSE	freight service. Less than significant impact.
		SSE	- 5 · · · · · · · · · · · · · · · ·
		TCE	
B2030	086-24-042		
		TCE	Temporary loss of retaining wall (for 3-6 months), 9 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		UE	Less than significant impact.

PIN	APN	Туре	Environmental Impact
B2030	086-24-056		
		TCE	Temporary loss of retaining wall (for 3-6 months), 9 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		UE	Less than significant impact.
		PSE	2 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B3061	092-08-094		
			Less than significant impact.
		SDE	Less than significant impact.
B2250	092-08-096		
		TCE	Temporary removal of community wall for up to 5 years during construction. Community wall to be reconstructed after construction is completed. During construction, temporary safety fence with visual screening will be provided. Temporary loss of detention basin; during construction stormwater will be diverted around the active work areas. The detention basin will be restored to preconstruction conditions after construction is complete. Less than significant impact.
			Less than significant impact.
		UE	Less than significant impact.
		UE	2 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		UE	Less than significant impact.
		SDE	Less than significant impact.
		SSE	2 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		PSE	4 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.

PIN	APN	Туре	Environmental Impact
B2087	086-37-028		
		TCE	Temporary relocation of storage materials during construction. Less than significant impact.
		UE	Less than significant impact.
	086-37-028	UE	Less than significant impact.
		PSE	1 tree to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2596	086-37-018		
		TCE	8 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		SDE	Less than significant impact.
		PSE	Less than significant impact.
B2577	244-01-020		
		TCE	Temporary loss of 15 parking spaces for up to 3.5 years, 2 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		PSE	Less than significant impact.
B2099	244-01-023		
		TCE	Temporary loss of 20 parking spaces for up to 3 years, 2 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2098	244-01-003		
		FEE	Permanent loss of 1 tree and other landscaping and 3 parking spaces. Less than significant impact.
		UE	Temporary loss of 5 parking spaces for less than a month. Less than significant impact.
		TCE	Less than significant impact.
B2096	244-16-023		
		ТОГ	Temporary loss of 25 parking spaces for up to 3 years. Masonry wall enclosed trash enclosure
		ICE	to be relocated. 10 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		PSE	1 tree to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.

PIN	APN	Туре	Environmental Impact
B2197A	244-26-000		
		TCE	5 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2033	244-16-029		
		TCE	18 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2100	244-12-089		
		PSE	Less than significant impact.
		TCE	Temporary loss of 8 parking spaces for up to 3 years, 1 tree to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2100	244-12-088		
		TCE	1 tree to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2109	244-13-012		
		FEE	Permanent loss of 4 trees. Less than significant impact.
		TCE	Permanent loss of 1 tree, temporary closure of access driveway during construction. Alternate driveway located on Automation Parkway. Less than significant impact.
		PSE	Less than significant impact.
B2106	245-43-037		
		TCE	2 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
B2111	245-27-021		
		TCE	1 tree to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.
		PSE	Less than significant impact.
B2172	245-27-075		
		FEE	Permanent loss of 10 trees. Less than significant impact.
B2120	241-16-046		
		TCE	16 trees to be removed and replaced with similar species at a 1:1 ratio where feasible. Less than significant impact.

PIN	APN	Туре	Environmental Impact
B2034	241-03-014		
		FEE	Less than significant impact.
		UE	Less than significant impact.
		UE	Less than significant impact.
		IEE	Less than significant impact.
		TCE	Less than significant impact.
B2300	254-17-007		
		UE	
		UE	Temporary loss of 15 stalls at the San Jose Flea Market. Stalls to be replaced once
	254-17-053		construction is complete. Less than significant impact.
		UE	
		UE	
B2058	254-01-023		
		TCE	Less than significant impact.
20010	054.00.044	UE	Less than significant impact.
B3013	254-02-041		
D0004	054.00.040	FEE	Permanent loss of materials (granite) storage area. Less than significant impact.
B3001	254-03-040		
	254-02-039	UE	Less than significant impact.
	204-02-039	UE	Less than significant impact.
B3049	254-02-056	UE	Less than significant impact.
D3043	204-02-000	UE	Less than significant impact.
B3050	254-02-072	UL	Lead than aiginneant impact.
D 3030	207 02-012	UE	Less than significant impact.
B3059	254-03-032	<u> </u>	
2000	201 00 002	UE	Less than significant impact.