

HISTORIC PROPERTY SURVEY REPORT

Interstate 10 Corridor Project

San Bernardino and Los Angeles Counties

07-LA-10 PM 44.9/48.3
08-SBD-10 PM 0.0/R37.0

EA 0C2500
EFIS ID 0800000040



April 2015



STATE OF CALIFORNIA
Department of Transportation

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For
Interstate 10 Corridor Project
San Bernardino and Los Angeles Counties, California

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E-FIS 08-0000-0040 (EA 0C2500)

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1 UNDERTAKING DESCRIPTION AND LOCATION

The California Department of Transportation (Caltrans), in cooperation with the San Bernardino Associated Governments (SANBAG), proposes to add freeway lanes through all or a portion of the 33-mile stretch of Interstate 10 (I-10) from the Los Angeles/San Bernardino county line to Ford Street in San Bernardino County (Project; Exhibit 1, Figures 1 and 2). The Project limits, including transition areas, extend from approximately 0.4 mile west of White Avenue in the City of Pomona at Post Mile (PM) 44.9 to Live Oak Canyon Road in the City of Yucaipa at PM 37.0. Project features include: acquisition of right-of-way (ROW); temporary construction and permanent easements; modification to or replacement of bridges; interchange improvements; local street improvements in conjunction with interchange improvements; major drainage and flood control facilities; water quality/erosion control; landscaping; ramp metering; toll debiting stations; soundwalls, retaining walls, concrete barriers; installation of paving; relocation of utilities; grading; staging areas; restriping; and placement of advance signage. A detailed Project description is provided in the Historical Resources Evaluation Report (HRER) in Exhibit 3 of this Historic Property Survey Report (HPSR).

2 AREA OF POTENTIAL EFFECTS

The Area of Potential Effects (APE) was established in consultation with Andrew Walters, Principal Architectural Historian, Caltrans Professional Qualified Staff (PQS); and Raghuram Radhakrishnan, Caltrans Project Manager, on February 4, 2015 (Exhibit 1; Figure 3). The APE includes all areas where potential direct and indirect impacts to cultural resources could occur as a result of Project construction, operation, and maintenance.

Consistent with Caltrans policies outlined in Section 106 PA Attachment 3 and general cultural resource practices, the APE for potential direct impacts was established as the Project footprint plus a 50-foot buffer. The direct Project footprint includes all construction easements, access routes, staging, and construction areas. This Area of Direct Impact (ADI) became the study area used for archaeological studies. The APE for potential indirect impacts was generally established as the legal parcel adjacent to where potential direct impacts would occur or within a 500-foot buffer zone on large parcels. Emphasis was given to inclusion of properties that front on or face I-10. The APE was extended where bridges are due to be modified as part of this Project, and also includes areas of Army Corps of Engineers (ACOE) jurisdictional areas. The indirect study area became the architectural study area. See Figure 3, Appendix A of the Historic Property Survey Report (HPSR) prepared for this Project for the APE map book.

In terms of the vertical APE, the construction of the high occupancy vehicles (HOV) or high occupancy toll (HOT) lanes will generally be confined to previously disturbed sediments that resulted from the original construction and subsequent modification and maintenance of I-10 as well as commercial, residential, and other infrastructure developments. The exceptions may include areas associated with the proposed widening and reconstruction of some of the bridge overcrossings, which have potential for undisturbed native sediments. Proposed bridge reconstructions are not expected to exceed 30 feet in height. Permanent overhead signage would be installed in the eastern end of the Project, which is also not expected to exceed 30 feet in

height. Proposed soundwalls and additional vertical elements would be constructed well under this 30-foot threshold (See Appendix A for relevant pages of Figure 3).

3 CONSULTING PARTIES / PUBLIC PARTICIPATION

Preparation of documentation in support of the Project in order to comply with Section 106 of the National Historic Preservation Act (NHPA) began in 2008. At that time, letters were sent to local historical societies/historic preservation groups, local government agencies, and Native Americans. The Project was placed on hold in late 2009 in order to conduct additional alternatives analyses. Subsequent public participation efforts included sending additional letters to these groups/individuals. Additional scoping meetings were also held as part of the on-going National Environmental Policy Act (NEPA) compliance effort.

3.1 LOCAL HISTORICAL SOCIETY/HISTORIC PRESERVATION GROUPS CONSULTATION

In accordance with Section 106 of the NHPA of 1966, as amended, on May 15, 2008, letters were sent to local historical societies/historic preservation groups requesting information regarding any cultural resources that may be of significance within the Project APE. A response was received via email from Ms. Judith Roberts on behalf of the Rialto Historical Society on July 7, 2008, indicating there are no designated or potential historical properties adjacent to the proposed Project.

Because the Project footprint has changed with the current iteration of the Project, additional letters were sent to local historical societies/historic preservation groups on March 25, 2014. An additional letter was also sent to the Redlands Conservancy on June 4, 2014. Letters soliciting information regarding cultural resources were sent to the following historical societies:

- Redlands Area Historical Society
- Redlands Conservancy
- San Bernardino Historical Society
- Colton Area Museum
- Rialto Historical Society
- Fontana Historical Society
- Chaffey-Garcia House/Museum (Rancho Cucamonga)
- Ontario Heritage
- Cooper Regional History Museum (Upland)
- The Historical Society of Pomona Valley
- Claremont Heritage

An email response was received on June 24, 2014, from Donn Grenda, on behalf of the Redlands Conservancy, which indicated the following cultural resources are located within or adjacent to the Project APE:

- Water control features such as the Mission-period *Zanja* [Mill Creek *Zanja*] and the Redlands Canal. The Mill Creek *Zanja* is located within the APE and is documented in the studies being prepared for this Project.
- Site of Crystal Springs, the historical period water bottling/residential site. This site may also contain sensitive Native American cultural resources. The site of Crystal Springs is located outside of the Project APE.
- Numerous locally designated resources are located within or adjacent to the Project APE. The City of Redlands Development Services Department List of Historic Resources (December 13, 2010) was reviewed and no locally designated resources identified within that list are located within or adjacent to the Project APE. Subsequent to the publication of this list, one resource, Terrace Park (Map Reference No. 39), was locally designated, and is included in this study.
- In addition, the Redlands Conservancy requested to review the cultural resource technical reports being prepared in support of this Project.

On August 5, 2014, Caltrans and Æ held a focus meeting with members of the Redlands Conservancy to discuss their concerns regarding the Project. Copies of the HRER and APE maps related to Redlands were provided. During the meeting, Vice President Donn Grenda expressed concern that intact subsurface historical archaeological features, such as privies and trash pits, may be present in the APE in the historic core of Redlands near Orange Street. It was explained that there is little potential to encounter buried archaeological deposits at this location because the Project would restripe the existing roadway and no ground disturbing activities associated with this Project would occur outside the I-10 travelled way.

Additionally, a presentation to explain the Project components within Redlands, Section 106 and the environmental review process, and Caltrans' policies and procedures was made at the Redlands Conservancy's monthly meeting on August 6, 2014. Redlands Conservancy members in attendance expressed some concern over several buildings along the I-10 corridor, particularly in the vicinity of Orange and 6th streets, which used to be part of the historic core of Redlands. The Redlands Conservancy agreed to discuss these concerns further; after reviewing the HRER and APE map, they would provide any written comments expressing their concerns. Other concerns were related to the Crystal Springs Ranch site, the Redlands Canal, and the Mill Creek *Zanja*. It was explained that the Crystal Springs Ranch site is outside the Project APE, the Redlands Canal was not located during field surveys and is presumed outside of the Project APE, and potential impacts to the Mill Creek *Zanja* is discussed in the HRER (Exhibit 3 of the HPSR) and the FOE being prepared for this Project.

A follow-up email was sent on September 5, 2014, to Donn Grenda and Sherli Leonard to determine if the Redlands Conservancy had any additional concerns. On the same date, Mr. Grenda replied to indicate that the organization has no additional comments, and no reply was received from Ms. Leonard. No additional comments are anticipated. A final copy of the HPSR and attachments will be provided to the Redlands Conservancy.

No additional responses received to date (see Exhibit 6 for copies of correspondence).

3.2 NATIVE AMERICAN CONSULTATION

In accordance with Section 106 of the NHPA, on August 6, 2008, a initial request was made to the Native American Heritage Commission (NAHC) for a review of the Sacred Lands File (SLF) to determine if any known cultural properties are present within or adjacent to the Project APE (Exhibit 5). The NAHC responded on August 12, 2008, stating that the SLF failed to indicate the presence of Native American cultural resources within the Project vicinity. The NAHC requested that eight Native American individuals and/or organizations be contacted to solicit any information or concerns regarding cultural resources issues related to the Project (Exhibit 5 of the HPSR prepared for this Project). Initial consultation letters were sent on July 15, 2008, to the following individuals:

- Anthony Madrigal, Jr., Chairperson, Cahuilla Band of Indians
- Joseph Hamilton, Chairman, Ramona Band of Cahuilla Mission Indians
- James Ramos (Chairperson) and Ann Brierty (Policy/Cultural Resources Department), San Manuel Band of Mission Indians
- Anthony Morales, Chairperson, Gabrielino/Tongva San Gabriel Band of Mission Indians
- Sam Dunlap, Tribal Secretary/Cultural Resources Director, Gabrielino Tongva Nation
- John Tommy Rosas, Tribal Administrator, Tongva Ancestral Territorial Tribal Nation
- John Contreras, Cultural Heritage Program Manager, Morongo Band of Mission Indians
- Goldie Walker, Chairwoman, Serrano Nation of Mission Indians

Follow-up phone calls were conducted on January 6 and 9, 2009. Responses to the Native American consultation efforts were received from four individuals. Mr. Morales, Mr. Contreras, and Ms. Walker all stated that they had no immediate concerns regarding the Project and they would like to be notified if prehistoric/ethnohistoric resources are discovered during ground-disturbing activities related to the proposed Project. Ms. Walker also requested a copy of the Final Environmental Document(s). Mr. Rosas requested that all construction personnel be aware of Section 106 of the NHPA of 1966, as amended, and all other applicable laws for cultural resource protection in the event that unanticipated cultural resources are encountered during Project construction. He also stated he would like to be notified if prehistoric or ethnohistoric resources are discovered during ground-disturbing activities related to the proposed Project. The remaining four individuals contacted did not respond to the letter or telephone inquiries.

As a result of expansion of the proposed Project to include consideration of Alternative 3: Two Express Lanes in Each Direction, a supplemental SLF search was requested on May 28, 2014, from the NAHC. The NAHC responded on June 13, 2014, stating that the SLF failed to indicate the presence of Native American cultural resources within the expanded Project area. The NAHC provided a current Native American contact list and requested that the 11 Native American individuals and/or organizations be contacted to solicit any information or concerns regarding cultural resources issues related to the Project (Exhibit 5). Supplemental consultation letters were sent on July 2, 2014 to the following individuals:

- Paul Macarro, Cultural Resources Manager, Pechanga Band of Mission Indians
- William Madrigal, Jr., Cultural Resources Manager, Morongo Band of Mission Indians
- Joseph Hamilton, Chairman, Ramona Band of Cahuilla Mission Indians

- Lynn Valbuena, Chairwoman, San Manuel Band of Mission Indians
- Daniel McCarthy, Director of CRM Department, San Manuel Band of Mission Indians
- Anthony Morales, Chairperson, Gabrielino/Tongva San Gabriel Band of Mission Indians
- Sandonne Goad, Chairperson, Gabrielino/Tongva Nation
- Sam Dunlap, Tribal Secretary/Cultural Resources Director, Gabrielino Tongva Nation
- Ernest H. Siva, Elder, Morongo Band of Mission Indians
- Goldie Walker, Chairwoman, Serrano Nation of Mission Indians

Follow-up phone calls were conducted on July 23 and 29, 2014. Five responses were received as a result of these supplemental consultation efforts. Mr. Siva stated he had no comments or concerns regarding the proposed Project. Ms. Walker requested that if any cultural resources or human remains are encountered that may be related to the Serrano Nation, that the tribe should be contacted. Mr. Morales stated that during construction, areas of ground disturbance should be spot-checked for archaeological resources; he requested that if Native American archaeological remains were encountered during construction, Caltrans should contact the appropriate Native American groups. Ms. Brierty stated that the San Manuel Band of Mission Indians had concerns regarding Native American resources that may be located in the portion of the I-10 corridor east of San Timoteo Wash. She noted several Native American resources may be found south of the I-10 corridor in this area including the Mission *Zanja*. Ms. Brierty also stated that the San Manuel Band of Mission Indians had concerns regarding the Native American resources known as the ethnohistoric village of Guachama, the San Bernardino Asistencia, and Crystal Springs Ranch (CA-SBR-2316; P-36-02316), which contains prehistoric remains. Ms. Brierty stated that given the cultural sensitivity of these areas, a Native American monitor should be present during ground-disturbing activities. She requested that the tribe be contacted if there are any inadvertent discoveries during construction. In addition, Ms. Brierty stated that San Manuel should be given copies of all the relevant environmental documents and technical reports associated with the Project and that Caltrans should initiate government-to-government consultation with the tribe. Finally, William Madrigal, Jr. of the Morongo Band of Mission Indians called and asked if any culturally significant resources had been found in the Project area. He also requested that Caltrans initiate government-to-government consultation with the Morongo Band of Mission Indians.

In response to the concerns raised by Ms. Brierty (San Manuel), it was determined that the Mission *Zanja* crosses the APE in the City of Redlands, but will not be directly affected by this Project because the I-10 corridor crosses over the *Zanja* on a bridge and no improvements are planned at this location. Caltrans will monitor construction to ensure that there are no inadvertent impacts to the *Zanja*. Additionally, the village of Guachama, the Asistencia, and Crystal Springs Ranch (CA-SBR-2316; P-36-02316) are all located outside of the APE for the project and will not be affected.

Gary Jones, Caltrans District 8 Native American Coordinator, initiated formal government-to-government Native American consultation with Daniel F. McCarthy, Director of the Cultural Resources Management Department of the San Manuel Band of Mission Indians, and William Madrigal Jr., Cultural Heritage Program Coordinator, Cultural Resources Management Department, of the Morongo Band of Mission Indians, on November 12, 2014. Copies of the draft ASR were submitted to Mr. McCarthy and Mr. Madrigal for review and comments were requested. No comments were received from Mr. McCarthy. A follow-up email from Mr. Jones

was sent on January 27, 2015 to notify Mr. McCarthy that Caltrans is assuming the tribe has no comments on the Project and that Caltrans is moving forward with the Section 106 process. A follow-up email was sent on January 27, 2015 to Denisa Torres of the Morongo Band of Mission Indians to inform her of previous government-to-government consultation efforts with Mr. Madrigal and to request comments on the Project from the tribe. No comments were received. An additional follow-up email was sent to Ms. Torres on January 28, 2015 to inform her that Caltrans is assuming she has no comments on the Project and that Caltrans is moving forward with the Section 106 process. Copies of the final ASR will be sent to these tribal representatives when they are transmitted to the Office of Historic Preservation for review by the State Historic Preservation Officer.

Exhibit 5 lists the Native American individuals/organizations that were contacted in 2008 and 2014 and their subsequent responses, and contains the logs of the telephone conversation records.

3.3 LOCAL GOVERNMENT AGENCIES

In accordance with Section 106 of the NHPA, on May 15, 2008, letters were sent to local government agencies requesting information regarding any cultural resources that may be of significance within the Project APE. The following summarizes responses that were received as of October 2009:

- In a letter dated June 6, 2008, Jerry L. Blum, Planning Director for the City of Ontario, indicated the Guasti Mansion and other Guasti winery related structures and buildings located on the site have been determined eligible for listing in the National Register of Historic Places (NRHP) and are located within the identified proposed Project area. However, as the APE has been defined for this Project, the buildings and structures listed in Mr. Blum's letter are located outside the Project APE.
- An email response was received on July 10, 2008 from Ms. Cecilia Barrajas, Planning/Building Technician, City of Colton, requesting additional information regarding the Project limits. A follow-up email, with a read receipt request and appropriate draft APE map pages attached, was sent on August 13, 2008. As no read receipt had been received by September 1, 2008, a follow-up phone call was made on that date, and a voicemail was left. An email read receipt was not received as of May 26, 2009 nor was there a telephone response received by that date.
- An email response was received from Ms. Deborah Woldruff, AICP, Director, City of Loma Linda Community Development Department, on behalf of the City of Loma Linda Historical Commission, on August 1, 2008. The response indicated the following five properties may have historical significance or sensitivity: Entrance to the former Tri-City Airport; Lubinsky Property; Adobe on Mountain View Avenue; Tri-City Theatre (Drive-In) property; and Mission Creek Channel. No remains of the former Tri-City Airport were identified during the built or archaeological surveys conducted for this proposed Project. The Lubinsky Property is located outside the Project APE, and was not evaluated for this Project. The Adobe on Mountain View Avenue has subsequently been demolished. The Tri-City Drive-In was previously found to appear eligible for the NRHP under Criteria A, B, and C; however, the Tri-City Drive-In has subsequently been

demolished. The Mission Creek Channel is a flood control channel that has been altered through widening and other engineering to promote water flow (Map Reference No. 30).

Because the Project footprint has changed since the previous iteration of the Project, additional letters were sent on March 25, 2014 to the following government agencies:

- City of Redlands, Planning Division/Historic Preservation
- City of Loma Linda, Planning Division
- City of San Bernardino, Community Development Department
- County of San Bernardino, Planning Department
- City of Colton, Planning Division
- City of Rialto, Planning Department
- City of Fontana, Planning Department
- City of Rancho Cucamonga, Planning Department
- City of Ontario, Planning Department
- City of Upland, Development Services Department
- City of Montclair, Community Development Department
- City of Pomona, Community Development Department
- City of Claremont, Community Development Department

Follow-up emails were sent to Cathy Wahlstrom and Diane Ayala of the City of Ontario on April 23, 2014; to Karen Peterson of the City of Upland on May 7, 2015; and to Tabitha Kevari of the City of Redlands on May 8, 2014. Additionally, follow-up letters were sent via U.S. Postal Service to the cities of Upland, Ontario, Loma Linda, and Redlands on June 4, 2014, and also sent via U.S. Postal Service on July 7, 2014 because there are known historic properties in and near the APE in those jurisdictions. An additional letter was sent via email on July 15, 2014 to Oscar Orci, Director of Development Services for the City of Redlands.

A focus meeting with representatives of the City of Ontario, SANBAG, Caltrans, and relevant Project consultants was held on April 17, 2014. The purpose of this focus meeting was to present the Project to the City of Ontario and discuss the City's concerns related to Euclid Avenue.

- An email response from Scott Murphy, Planning Director for the City of Ontario, was sent on June 11, 2014, and indicated Option 4 of Alternative 3 is the City's preferred design option for Euclid Avenue.
- A letter dated July 29, 2014, was received from Cathy Wahlstrom, City of Ontario Principal Planner. Ms. Wahlstrom identified the significance and character-defining features of Euclid Avenue. Preservation issues she raised include the following:

Euclid Avenue Bridge

- Median should be landscaped in a manner consistent and compatible with the existing historically significant median landscape. New tree plantings should be similar in appearance to the existing median tree, California pepper (*Schinus molle*), but with smaller size and weight for use in the shallow planters. Recommends willow pittosporum (*Pittosporum phillyraeoides*).

- Landscaped parkways should be installed and planted with small evergreen narrow trees, such as water gum (*Tristania laurina*).
- Incorporate King Standard Lighting to match existing historic lighting.
- Fencing should be decorative and compatible with the historic area.

Euclid Avenue Median (south of I-10 and north of 6th Street)

- The loss and/or removal of the existing mature trees should be minimized. Replacement trees should include California pepper (*Schinus molle*), deodar cedar (*Cedrus deodara*), or camphor tree (*Cinnamomum camphora*).
- Rock curbs should be replaced and/or restored.
- Incorporate King Standard Lighting to match historic lighting.
- The median is an important character-defining feature and reduction of the width should be minimized.

Additional mitigation measures may include:

- Installation of National Register signs
- Installation of the Euclid Avenue Historic District rock monument sign to match other historic district.

A focus meeting with representatives of the City of Upland, SANBAG, Caltrans, and relevant Project consultants was held on May 6, 2014. The purpose of this focus meeting was to present the Project to the City of Upland and discuss the City's concerns related to Euclid Avenue. Consultation efforts are ongoing with this participating agency.

- In a letter dated June 17, 2014, Jeff Zwack, Development Services Director for the City of Upland, indicated the following are areas of concern related to cultural resources:
 - The City of Upland has designated Euclid Avenue as a scenic resource and has established the Euclid Avenue Scenic Overlay Zone, which pertains to the area within 250 feet of the centerline of Euclid Avenue between the north and south city limits.
 - The width of the median of Euclid Avenue is considered a character-defining feature, and potential reduction of the existing width should be evaluated as a potentially significant impact.
 - The rock curbs are considered cultural and aesthetic resources, and are character-defining features of Euclid Avenue. The Project design should include replacement of these curbs.

- The City of Upland requests the design team explore the possibilities of adding parkway and landscaping similar to the bridge structure over State Route 210 for the replacement structure of the I-10/Euclid Avenue OC.
- In the event the bridge and/or median must be modified and/ or reconstructed, the City of Upland requests the following be considered in the Project design:
 - Use of citrus or smaller decorative trees in an allée to replicate the existing tree pattern;
 - Use of rock cobble where paving is desired (other than pedestrian pathways);
 - Use of lighting standards that match the historic twin nostalgic lighting;
 - Use of a decorative bridge design that reflects the history of Euclid Avenue or creates a sense of history that is appropriate for the Project; and
 - Use of fencing on the bridge that complements the Project design.
- The City would like to participate in the design process for the replacement bridge in conjunction with the City of Ontario.

Other responses received include:

- On July 15, 2014, an email acknowledging receipt of the solicitation letter was received from Oscar Orci, Director of Development Services for the City of Redlands. No comments regarding cultural resources were included in this response.

Other consultation efforts include:

- A focus meeting was held jointly with both the cities of Upland and Ontario in order to obtain consensus of preference for either design Option 3 or Option 4 for Euclid Avenue. Traffic benefits, historic preservation, and landscape concerns were discussed at this meeting. A final decision for preference for design options will be made during the project approval/environmental document phase of this Project.
- A second focus meeting with representatives of the City of Ontario, Caltrans, and relevant Project consultants was held on March 4, 2015, and with representatives of the City of Upland on March 19, 2015. The purpose of these focus meetings was to discuss the cities' historic preservation concerns related to Euclid Avenue.
- Consultation with the cities of Redlands, Ontario, and Upland is on-going because they are participating agencies in the National Environmental Policy Act (NEPA) review process; however, no additional concerns related to cultural resources are anticipated. No additional responses have been received to date (see Exhibit 6 for copies of Project-related correspondence).

On-Going NEPA Compliance

On-going NEPA compliance efforts include preparation of an Environmental Impact Report/Environmental Impact Statement (EIR/EIS). As part of this process, one agency and two

public scoping meetings have been held for this iteration of the Project. The two public scoping meetings were held in the City of San Bernardino on November 13, 2013, and in the City of Ontario on November 15, 2013. The agency scoping meeting was held in the City of Ontario on November 15, 2013 (see Exhibit 7 for copies of the notices for the scoping meetings).

4 SUMMARY OF IDENTIFICATION EFFORTS

Various sources were consulted as part of the Project's cultural resource investigation including cultural resource records and literature housed at the San Bernardino Archaeological Information Center (SBAIC) and the South Central Coastal Information Center (SCCIC). For information pertaining to the local and site-specific history of the Project area, numerous archival resources located throughout California were consulted. Information regarding the prehistory and ethnohistory of the general study area was compiled from synthetic data collected by southern California researchers in the past 15 years. In an effort to gather pertinent information regarding the Native American use of the area and to solicit concerns regarding the Project, the NAHC and Native American individuals and organizations were also consulted.

Archaeological and built-environment field surveys were also conducted. A field survey of all properties developed with buildings, groups of buildings, or structures within the APE was undertaken June through August 2008, September 2009, and December 2013 through February 2014. Each parcel was observed from the public right-of-way (ROW). Digital photographs and notes were taken for all buildings, groups of buildings, and/or structures visible from the public ROW. In accordance with standard Caltrans guidance and procedures, all properties containing buildings and/or structures that are 50 years of age or older (were constructed in or before 1964) were evaluated for eligibility for listing in the NRHP and the California Register of Historical Resources (CRHR) or exempted from review under Attachment 4 of the Section 106 Programmatic Agreement (PA). Archaeological reconnaissance and pedestrian surveys were also conducted in December 2008, September 2009, and January through August 2014 as part of the fieldwork for the Project. This work involved the visual inspection of portions of the Project ADI from the public ROW as well as walking transects spaced 15 meters apart across portions of the ADI. Detailed methods and results of the field surveys are presented in the Historical Resources Evaluation Report (HRER) and Archaeological Survey Report (ASR) prepared for this Project (see Exhibits 3 and 4, respectively).

4.1 RECORD SEARCHES AND SOURCES CONSULTED

Archival research helped determine the location of previously documented cultural resources proximate to the Project and to help establish a context for resource significance. Pre-field survey research included a records search conducted by staff at the SBAIC, on May 7, 2008. An updated records search was conducted by Carrie Chasteen, Æ, in October 2012 and March 2013. An additional records search was conducted at the SCCIC by Ms. Chasteen also in March 2013. San Bernardino County Assessor data was accessed through www.realquest.com, which is a real estate data subscription service. National, state, and local inventories of cultural resources were examined to identify local historical events and personages, development patterns, and interpretations of architectural styles.

The following standard sources of information were consulted in the process of compiling this report:

- NRHP web site (<http://www.cr.nps.gov/nr>), through October 2009;
- California Historical Landmarks;
- California Points of Historical Interest;
- City of Ontario List of Designated Historic Landmarks and Historic Districts;
- City of Claremont Public Library;
- City of Pomona Public Library;
- City of Ontario Public Library;
- City of Rancho Cucamonga Public Library;
- City of Fontana public library;
- City of Colton public library;
- California Room, Feldheim Library, San Bernardino;
- Heritage Room, A.K. Smiley Library, Redlands;
- San Bernardino County public library;
- Loma Linda University Library, Heritage Room and Special Collections;
- San Bernardino County Historical Archives;
- City of Redlands General Plan, City Design and Preservation Element; and
- City of Redlands List of Historic Resources, December 13, 2010.

4.2 RESULTS

A total of 97 area-specific cultural resource surveys or evaluation investigations and 10 general area overview studies have been conducted within the Project study area. Of the 97 area-specific investigations, 48 studies bisect the Project APE. These 97 area-specific studies resulted in the identification and documentation of 75 known historic-period resources and two prehistoric resources within a ½-mile radius of the Project APE, 44 of which were reported within the Project APE. Notable resources reported within the Project APE include the following:

- Former site of Kaiser Steel (CA-SBR-4131H). Designated California Point of Historical Interest. Originally located in the APE but has been demolished;
- Union Pacific Railroad (CA-SBR-6101H). Previously found to appear eligible for listing in the NRHP under Criterion A in June 1999. The State Historic Preservation Officer (SHPO) did not concur or comment on this finding. Subsequently, numerous sections along this corridor have been previously evaluated and found to be not eligible or exempted from review. The section(s) within the APE were exempted from review for this Project due to lack of integrity;
- Old Kite Railroad Route (CA-SBR-6847H). The Old Kite Railroad Route was previously recorded as an archaeological site, and portions of the Old Kite Railroad Route cross the APE in Redlands. The Old Kite Railroad Route in the vicinity of I-10 was exempted from review for this Project due to loss of integrity;
- Mill Creek *Zanja* (CA-SBR-8092H). Listed in the NRHP in March 1976. Located within the APE and this finding was revalidated with this study. No Project-related activities would occur within the vicinity of this resource; therefore, the Project has minimal potential to affect this resource (see Section 5; Map Reference No. 48);

- Bloomington Garage and LaGue Residence (CA-SBR-8542H). Designated California Point of Historical Interest. The Bloomington Garage and LaGue Residence are located within the APE and were evaluated for inclusion in the NRHP and the CRHR for this study. The Blooming Garage and LaGue Residence were found to not meet Criterion Consideration B for moved properties as a result of this study (see Section 5; Map Reference No. 18);
- East Redlands Canal (CA-SBR-8546H). Documented as an archaeological resource, and not previously evaluated for NRHP eligibility. Located within the APE but exempted from review due to loss of integrity;
- San Bernardino-Sonora Road (P-36-016417). Designated California Point of Historical Interest. Originally located in the APE but has been demolished at this location; and
- The Peppers/El Carmelo (P-36-016795). Found to appear eligible for listing in the NRHP in May 1977. Located within the APE, the previous finding for this resource was revalidated (see Section 5; Map Reference No. 67).

Additionally, nine pending historical archaeological sites were identified within the Project study area, none of which were formally recorded onto Department of Parks and Recreation (DPR) 523 forms; their locations were largely based on historical references rather than on-site observations. All of the pending historical archaeological resources appear to cross through the Project APE including an unnamed road (P1074-61H); Tenney Ditch (P1063-49H); Marias Araminta Ditch (P1063-52H); Hunt and Cooley Ditch (P1074-84H); Camp Carlton Ditch (P1074-85H); Jansen Ditch (P1074-86H); Rancheria Ditch (P1074-88H); Old Meeks and Daley Ditch (P1074-104H); and Sunnyside/South Fork Ditches (PSBR-21-H). Field survey did not locate these nine pending historical archaeological resources; therefore, they are not located within the APE established for this Project. No previously recorded prehistoric archaeological sites are located within the Project APE.

Two of the 37 previously recorded resources reported within the Project APE, the Mill Creek *Zanja*, Redlands (CA-SBR-8092H; Map Reference No. 48), and Euclid Avenue/State Route 83 (SR-83), Upland and Ontario (36-015982; Map Reference No. 1a), have been listed in the NRHP. The Mill Creek *Zanja* has also been designated as California Historical Landmark (CHL) No. 43, and this site has also been designated as Engineering Landmark No. 21 by the Los Angeles Section of the American Society of Civil Engineers. Two additional sites have been listed as California Points of Historical Interest (CPHI), and they are the San Bernardino-Sonora Road in Ontario (CPHI-71) and the Kaiser Steel Mill in Fontana (CPHI-71). The Kaiser Steel Mill is no longer extant, and the segment of the San Bernardino-Sonora Road located within the APE is no longer extant.

Euclid Avenue/SR-83 (36-015982; Map Reference No. 1a) is located in both the cities of Ontario and Upland, and was formally determined eligible for listing in the NRHP in 1977. Supplemental documentation for Euclid Avenue was prepared in 2000 (Caltrans), and Euclid Avenue was listed in the NRHP in 2005. Resources listed in the NRHP are automatically listed in the CRHR, and the street is a historical resource for the purposes of the California Environmental Quality Act (CEQA).

The portion of Euclid Avenue/SR-83 located within the City of Ontario (south of I-10) was recorded by the City of Ontario and listed as a historic district under local ordinance in 2013

(Map Reference No. 1b). This historic district comprises approximately half of the NRHP-listed property in length, but also includes all properties which front Euclid Avenue. This historic district is also a historical resource for the purposes of CEQA only.

In addition, the portion of the NRHP-listed property located in Upland has been relinquished by Caltrans to the City of Upland. The portion of the property within the City of Ontario remains state-owned, and is therefore a state-owned historical resource that is subject to PRC 5024.5.

Three properties, 1531 N. Euclid Avenue (Map Reference No. 2), 1540 N. Euclid Avenue (Map Reference No. 3), and 1524 N. Euclid Avenue (Map Reference No. 4), were identified as contributors to the locally designated Euclid Avenue historic district in the City of Ontario and are also historical resources under CEQA (Exhibit 1, Figure 4). The Bloomington Garage and LaGue Residence, Bloomington, is a designated CPHI (CA-SBR-8542H; P755; Map Reference No. 18), and is a historical resource for the purposes of CEQA. Terrace Park, Redlands (Map Reference No. 39) was designated as a City of Redlands local Historic Property, and is a historical resource for the purposes of CEQA. No other known historic properties or historical resources were reported within the Project APE during the records search. All of these resources are addressed in the HRER (Exhibit 3 of the HPSR prepared for this Project).

Additionally, two buildings, the American Railway Express Company building and the Southern Pacific Passenger Depot, located at 125 N. 9th Street, Colton, were previously determined ineligible for listing in the NRHP and are located within the Project APE (see Exhibit 8 in the HPSR prepared for this Project for SHPO correspondence). The properties were exempt from review for this study under Attachment 4 of the PA due to lack of integrity.

Lastly, several cultural resource assessments have been conducted as part of improvements to I-10 in the vicinity or within the Project APE. In March 1998, a Negative Historic Property Survey Report (NHPSR) was prepared for the proposed reconstruction of the Riverside Avenue Interchange along I-10 from PM 30.1 to PM 33.5 (Caltrans 1998). In May 2004, a revised NHPSR First Supplemental was prepared for the revised proposed reconstruction of the Riverside Avenue Interchange along I-10 from PM 18.17 to PM 21.62 (LSA Associates, Inc. 2004). These studies found that the only cultural resources located within or adjacent to the Project's APE qualified for treatment under the December 20, 1989 "Memorandum of Understanding Regarding Evaluation of Post-1945 Buildings, Moved Pre-1945 Buildings, and Altered Pre-1945 Buildings," were bridges listed as Category 5 (ineligible for NRHR listing) in the Caltrans Historic Highway Bridge Inventory, or were exempt from evaluation under the 2004 Section 106 Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and Caltrans. No historic properties were documented in the Project APE a result of these studies.

A NHPSR was also prepared for the proposed mixed-flow lane project in each direction of I-10 between the I-10/SR-38 separation at Orange Street to 0.2 mile east of Ford Street in the City of Redlands, San Bernardino County, California (State of California Department of Transportation 2003). This study determined that the only cultural resources present within or adjacent to the Project's APE were bridges listed as Category 5 (Ineligible for NRHR listing) in the Caltrans Historic Highway Bridge Inventory. No historic properties were documented as a result of this study.

A HPSR was prepared for the I-10/Cedar Avenue Interchange Project (PM 17.08/19.3) (LSA Associates, Inc. 2006). Four cultural resources (Bloomington School, two bridges, and the Union Pacific Railroad) were identified by the study within the Project APE. The Bloomington School was determined eligible for the CRHR but was not eligible for listing on the NRHP; on May 22, 2006, the California State Historic Preservation Officer (SHPO) concurred with Caltrans' determination of ineligibility (see Exhibit 8 of the HPSR prepared for this project). Two bridges were also located within the APE that were included on the California Historic Bridge Inventory as Category 5 (ineligible for NRHR listing). Finally, a segment of the Union Pacific Railroad was found to lie within the APE; however, as the project had no potential to affect this property, it was not evaluated as part of the study.

5 PROPERTIES IDENTIFIED

Bridges listed as Category 5 in the Caltrans Historic Highway Bridge Inventory are present within the APE. Appropriate pages from the Caltrans Historic Bridge Inventory are attached (Exhibit 2).

The following cultural resources within the APE previously determined not eligible for inclusion in the NRHP and that determination is still valid.

The resources identified in the following table were reviewed for the I-10/Cherry Avenue Interchange Project. The HPSR prepared for this project was not submitted to the SHPO for review and concurrence. However, these properties were also reviewed for this Project and were exempt from review per Attachment 4 of the PA. Therefore, the previous finding remains valid.

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
Leonard Residence	10169 Church St.	Bloomington	6Z	N/A
Maggie & Leon Baker Residence	10207 Citrus Ave.	Fontana	6Y	N/A
Circle Inn Motel	10227 Cherry Ave.	Fontana	6Z	N/A
10286 Redwood Ave.	10286 Redwood Ave.	Fontana	6Z	N/A
10287 Redwood Ave.	10287 Redwood Ave.	Fontana	6Z	N/A
14560 Washington Dr.	14560 Washington Dr.	Fontana	6Z	N/A
14641 Washington Dr.	14641 Washington Dr.	Fontana	6Z	N/A
14649 Washington Dr.	14649 Washington Dr.	Fontana	6Z	N/A
14655 Washington Dr.	14655 Washington Dr.	Fontana	6Z	N/A
14663 Washington Dr.	14663 Washington Dr.	Fontana	6Z	N/A
14667 Washington Dr.	14667 Washington Dr.	Fontana	6Z	N/A
14671 Washington Dr.	14671 Washington Dr.	Fontana	6Z	N/A
14679 Washington Dr.	14679 Washington Dr.	Fontana	6Z	N/A
14687 Washington Dr.	14687 Washington Dr.	Fontana	6Z	N/A
14723 Washington Dr.	14723 Washington Dr.	Fontana	6Z	N/A
14747 Washington Dr.	14747 Washington Dr.	Fontana	6Z	N/A
14759 Washington Dr.	14759 Washington Dr.	Fontana	6Z	N/A

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
14771 Washington Dr.	14771 Washington Dr.	Fontana	6Z	N/A
14833 Washington Dr.	14833 Washington Dr.	Fontana	6Z	N/A
14843 Washington Dr.	14843 Washington Dr.	Fontana	6Z	N/A
14855 Washington Dr.	14855 Washington Dr.	Fontana	6Z	N/A
14875 Washington Dr.	14875 Washington Dr.	Fontana	6Z	N/A
Shane Residence	16112 Boyle Ave.	Fontana	6Y	N/A
16116 Washington Dr.	16116 Washington Dr.	Fontana	6Y	N/A
16166 Washington Dr.	16166 Washington Dr.	Fontana	6Y	N/A
18821 Lynwood St.	18821 Lynwood St.	Bloomington	6Z	N/A

In addition, the following resources have been previously determined to be not eligible for inclusion in the NRHP for the Colton Crossing Project (see Exhibit 8 for the SHPO concurrence letter):

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
Southern Pacific Railroad Segment	Approximately 1.85-mile segment between South Rancho Avenue and South Mount Vernon Avenue	Colton	6Z	N/A
California Southern Railroad Segment	Approximately 200-foot segment including Colton Crossing	Colton	6Z	N/A
American Railway Express Company	APN 016303116	Colton	6L	
Southern Pacific Passenger Depot	125 North 9 th Street, APN 016303116	Colton	6Z	
South Colton	General boundaries are I-10 on the north; South Rancho Avenue to the west; West Fogg Street and East Congress Street on the south; and Fogg Street on the east.	Colton	6Z	

The following cultural resources within the APE are not eligible for inclusion in the NRHP:

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
1531 N. Euclid Ave.\The Metcalfe & Bundgard House	1531 N. Euclid Ave.	Ontario	5B	Map Reference No. 2
1540 N. Euclid Ave.\The Arthur E. Wilson House	1540 N. Euclid Ave.	Ontario	5B	Map Reference No. 3
1524 N. Euclid Ave.\The James B. Martz House	1524 N. Euclid Ave.	Ontario	5B	Map Reference No. 4
250 E. 7th St.	250 E. 7th St.	Upland	6Z	Map Reference No. 5

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
265 E. 7th St.	265 E. 7th St.	Upland	6Z	Map Reference No. 6
749 Sycamore Ct.	749 Sycamore Ct.	Upland	6Z	Map Reference No. 7
947 E. 6th St.	947 E. 6th St.	Ontario	6Z	Map Reference No. 8
1024 E. 6th St.	1024 E. 6th St.	Ontario	6Z	Map Reference No. 9
1128 E. 5th St.	1128 E. 5th St.	Ontario	6Z	Map Reference No. 10
Halgren's Chocolate	1204 N. Grove Ave.	Ontario	6Z	Map Reference No. 11
Union Carbide Industrial Gasses Inc.	10829 Etiwanda Ave.	Fontana	6Z	Map Reference No. 12
16454 Washington Dr.	16454 Washington Dr.	Fontana	6Z	Map Reference No. 13
16470 Washington Dr.	16470 Washington Dr.	Fontana	6Z	Map Reference No. 14
16592 Washington Dr.	16592 Washington Dr.	Fontana	6Z	Map Reference No. 15
18029 Taylor Ave.	18029 Taylor Ave.	Bloomington	6Z	Map Reference No. 16
18083 Taylor Ave.	18083 Taylor Ave.	Bloomington	6Z	Map Reference No. 17
10176 Orchard St./Bloomington Garage and LaGue Residence (CA-SBR-8542H; P755)	10176 Orchard St.	Bloomington	6Z	Map Reference No. 18
18661 Orange St.	18661 Orange St.	Bloomington	6Z	Map Reference No. 19
10156 Church St.	10156 Church St.	Bloomington	6Z	Map Reference No. 20
1785 S. Sycamore Ave.	1785 S Sycamore Ave.	Rialto	6Z	Map Reference No. 21
Entenmanns's- Orowheat Bakery Outlet	20213 Valley Blvd.	Rialto	6Z	Map Reference No. 22
885 W. Valley Blvd.	885 W. Valley Blvd.	Colton	6Z	Map Reference No. 23
110 N 4th St.	110 N 4th St.	Colton	6Z	Map Reference No. 24
188 E Valley Blvd.	188 E Valley Blvd.	Colton	6Z	Map Reference No. 25
444 E. Valley Blvd.	444 E. Valley Blvd.	Colton	6Z	Map Reference No. 26
2396 E. Steel Rd	2396 E Steel Rd.	Colton	6Z	Map Reference No. 27
428 E. Caroline St.	428 E. Caroline St.	San Bernardino	6Z	Map Reference No. 28
Mission Channel	N/A	San Bernardino/Loma Linda	6Z	Map Reference No. 30
25435 Redlands Blvd.	25435 Redlands Blvd.	Loma Linda	6Z	Map Reference No. 31
617 Texas St./ California National Guard	617 Texas St.	Redlands	6Z	Map Reference No. 32
715 W Colton Ave./ Covington Engineering	715 W Colton Ave.	Redlands	6Z	Map Reference No. 33
615 Lawton St.	615 Lawton St.	Redlands	6Z	Map Reference No. 34
503 W. Colton Ave.	503 W. Colton Ave.	Redlands	6Z	Map Reference No. 35
719 N Eureka St.	719 N Eureka St.	Redlands	6Z	Map Reference No. 36
201 W. Colton Ave.	201 W. Colton Ave.	Redlands	6Z	Map Reference No. 37
127 W. Colton Ave.	127 W. Colton Ave.	Redlands	6Z	Map Reference No. 38
Terrace Park	The strip of land between Colton and Terrace avenues, and Church and Sixth Street	Redlands	5S1	Map Reference No. 39
203 E. Colton Ave.	203 E. Colton Ave.	Redlands	6Z	Map Reference No. 40

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
211 E. Colton Ave.	211 E. Colton Ave.	Redlands	6Z	Map Reference No. 41
B.W. Cave Residence/322 The Terrace	322 The Terrace	Redlands	5S3	Map Reference No. 42
619 11th St.	619 11th St.	Redlands	6Z	Map Reference No. 43
745 E. Stuart Ave.	745 E. Stuart Ave.	Redlands	6Z	Map Reference No. 44
602 Church St./ Spiritual Treatment Center	602 Church St.	Redlands	6Z	Map Reference No. 45
522-524 Bonita Ave.	524 Bonita Ave.	Redlands	6Z	Map Reference No. 46
831 Sylvan Blvd.	831 Sylvan Blvd.	Redlands	6Z	Map Reference No. 47
911 E. Central Ave.	911 E. Central Ave.	Redlands	6Z	Map Reference No. 49
924 E. Central Ave.	924 E. Central Ave.	Redlands	6Z	Map Reference No. 50
215 N. University St.	215 N. University St.	Redlands	6Z	Map Reference No. 51
136 N. University St.	136 N. University St.	Redlands	6Z	Map Reference No. 52
130 N University St.	130 N University St.	Redlands	6Z	Map Reference No. 53
1106 E. Central Ave.	1106 E. Central Ave.	Redlands	6Z	Map Reference No. 54
507 University Pl.	507 University Pl.	Redlands	6Z	Map Reference No. 55
511 University Pl.	511 University Pl.	Redlands	6Z	Map Reference No. 56
514 University Pl.	514 University Pl.	Redlands	6Z	Map Reference No. 57
517 University Pl.	517 University Pl.	Redlands	6Z	Map Reference No. 58
524 University Pl.	524 University Pl.	Redlands	6Z	Map Reference No. 59
528 University Pl.	528 University Pl.	Redlands	6Z	Map Reference No. 60
532 University Pl.	532 University Pl.	Redlands	6Z	Map Reference No. 61
1001 E. Cypress Ave.	1001 Cypress Ave	Redlands	6Z	Map Reference No. 62
955 E. Cypress Ave.	955 E. Cypress Ave.	Redlands	6Z	Map Reference No. 63
945 E. Cypress Ave.	945 E. Cypress Ave.	Redlands	6Z	Map Reference No. 64
1131 E. Cypress Ave.	1131 E. Cypress Ave.	Redlands	6Z	Map Reference No. 65

The following archaeological site within the APE is considered eligible for inclusion in the NRHP for the purposes of this project only because it will be protected from any potential effects through the establishment of an Environmentally Sensitive Area (ESA) Action Plan, in accordance with Section 106 PA Stipulation VIII.C.3. An ESA Action Plan is being prepared as an appendix to the Finding of No Adverse Effect with Non-standard Conditions.

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
Curtis Homestead (CA-SBR-12989H; 36-014510)	Address restricted	Loma Linda	7R	Map Reference No. 29

Curtis Homestead

One historic archaeological resource, the Curtis Homestead (CA-SBR-12989H; 36-014510; Map Reference No. 29), was assumed eligible for inclusion in the NRHP under Criterion D without formal evaluation for the purposes of this Project only. The Curtis Homestead is assumed

eligible under Criterion D for data potential. The Curtis Homestead consists of a historic homestead/farmstead site containing a razed cobble-and-mortar house foundation (Feature 1), a second razed cobble-and-mortar foundation (Feature 2) of a much smaller structure situated adjacent to the main house foundation, and a sparse-to-moderate density scatter of domestic refuse (e.g., bottle glass, ceramic items), and construction debris. Landscaped trees (pepper trees [both dead and alive], one scrub oak, and one large unidentified shrub) are situated around the periphery of the site area. Depth of the cultural deposits at the Curtis Homestead is unknown. However, hollow subsurface features (i.e., privies, cisterns) may be present. Most cultural materials appear to date to circa 1920s to circa 1940s or later; however, some materials observed suggest that the site area may have been occupied as early as the late 1800s or around the turn of the century. The proposed span of site use/occupation coincides well with historical archival information gathered during this investigation, which indicates that the farmstead and surrounding parcel was occupied and farmed by the pioneer Curtis family as early as 1895, and as late as circa 1955, which is the period of significance of the site. The site boundaries are limited to the area surrounding the foundations and the dense area of domestic refuse (see the ESA Action Plan and the Finding of No Adverse Effect being prepared under separate cover).

The following properties within the APE **previously were listed or determined eligible** for inclusion in the NRHP and that determination is still valid:

Name	Address/Location	Community	OHP Status Codes	Map Reference No.	Date
Euclid Avenue/SR-83 (36-015982)	Euclid Ave.	Upland/Ontario	1S	Map Reference No. 1a	1977/2000
Mill Creek Zanja (CA-SBR-8092H)	Address restricted	Redlands	1S	Map Reference No. 48	1977

Euclid Avenue/SR-83

Euclid Avenue/SR-83 (36-015982; Map Reference No.1a), listed in the NRHP as a single structural resource, is located in Upland and Ontario, and is also a locally designated historic district within the City of Ontario. Euclid Avenue/SR-83 was listed in the NRHP under Criterion A for its community planning and development significance and under Criterion C for its landscape architecture significance. The period of significance for the NRHP-listed Euclid Avenue/SR-83 is 1882 to 1940, and it is significant on the state level. The NRHP-listed property boundary consists of the 200-foot-wide public ROW of Euclid Avenue between 24th Street in Upland and Philadelphia (Ely) Street in Ontario. Of the 8.4-mile-long resource, only approximately 1.6 miles is located within the Project APE. Contributing features of the NRHP-listed property within this segment of the resource include the 60-foot-wide medians, historic stone and concrete curbs and gutters, and historic sidewalks. Contributing landscape features include California pepper trees (*Schinus molle*), silk oak trees (*Grevillea robusta*), and other mature vegetation such as southern magnolia (*Magnolia grandiflora*). Non-contributing features include the bridge which crosses I-10 (Bridge No. 54 0445) and other modifications to the historic property which resulted from the construction of this bridge such as modern sidewalks and curbs. *Mill Creek Zanja*

Mill Creek *Zanja* (CA-SBR-8092H; Map Reference No. 48) was previously listed in the NRHP under Criterion A for its association with early agricultural improvements in Redlands, Criterion B for its association with Pedro Alvarez, Criterion C as a significant engineering structure, and Criterion D for its information potential. Mill Creek *Zanja* was also designated California Historical Landmark No. 43 and Engineering Landmark No. 21 by the Los Angeles Section of the American Society of Civil Engineers. The period of significance is 1819-1820, the year it was constructed. It is significant on the state level. The boundary of the Mill Creek *Zanja* is limited to the footprint of the structure itself. Approximately 0.2 mile of this linear resource is located within the Project APE. Contributing elements of the resource adjacent to the Project area include an open ditch ranging from five to eight feet in width and approximately four feet in depth. Portions of the Mill Creek *Zanja* have been improved with stonework; however, stonework is not evident in the section of the canal which crosses the APE.

The following properties within the APE are eligible for inclusion in the NRHP:

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
1055 E. Highland Ave.	1055 E. Highland Ave.	Redlands	2S2	Map Reference No. 66
The Peppers/El Carmelo (36-016795)	926 E. Highland Ave.	Redlands	2S4	Map Reference No. 67

1055 E. Highland Avenue

1055 E. Highland Avenue, Redlands (Map Reference No. 66) appears eligible for listing in the NHRP at the local level for its architectural quality (Criterion C). 1055 E. Highland Avenue is representative of the Foursquare style of architecture. The period of significance is 1917, the year the building was constructed. The boundary is limited to the legal parcel boundary. Contributing features include the siting, mass, and scale of the building. Other contributing features include the hipped roof, with flared eaves, clad in composition shingles; eaves of the main roofline accented with dentil molding and brackets; a brick chimney centrally located on the north face of the roof; the exterior walls clad in coursed wood shingles; the windows on the upper floors of the primary façade are one-over-one wood sash; the primary entrance is raised and accessed via a covered porch with trios of Doric columns which support the porch roof and scrolled bas relief detailing accents the front gable of the porch roof. At least two ancillary buildings which appear to date to when this building functioned as a farm are located in the rear of the parcel, and are contributing elements of this property. The glass block windows, metal awnings, and concrete block perimeter wall are not contributing features of this property. Contributing landscape includes mature trees.

The Peppers/El Carmelo

The Peppers/El Carmelo (36-016795; Map Reference No. 67) is located at 926 E. Highland Avenue, Redlands, and appears eligible for listing in the NRHP at the local level. The Peppers/El Carmelo was previously identified as eligible for listing in the NRHP for its associations with W.N. Moore (Criterion B) and for its Italian villa style architecture (Criterion C), and the resource has a 3S CRHR Status Code or "appears eligible for the NRHP as an individual property through survey evaluation." The Peppers/El Carmelo was also identified by the

Redlands Historical Society as a Redlands Historic Structure in 1981. The period of significance is 1903, the year the building was constructed. The boundary consists of the Assessor's parcel boundaries which comprise the functioning property, and generally consists of I-10 to the east, Highland Avenue to the north, modern residential development and a park to the west, and Marshal Street and additional residential development to the south. Contributing features include the siting of the building which stood alone on top of a hill. Exterior contributing features include stucco; the multi-gable roofline with turrets was constructed with wood shingles; the eaves with brackets; slip-sill two-sash and flat with plain molding windows; and the primary entry door consists of two large plain wood doors with surrounding detail of plain molding with a small window on top of each door. Contributing landscape features include an unprotected cement patio in front with a brick sidewalk leading to it, and citrus groves. Non-contributing features include numerous buildings and structures which were constructed between 1952 and 1969 when the property was converted to a Catholic retreat.

The following resources are not significant resources under CEQA:

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
250 E. 7th St.	250 E. 7th St.	Upland	6Z	Map Reference No. 5
265 E. 7th St.	265 E. 7th St.	Upland	6Z	Map Reference No. 6
749 Sycamore Ct.	749 Sycamore Ct.	Upland	6Z	Map Reference No. 7
947 E. 6th St.	947 E. 6th St.	Ontario	6Z	Map Reference No. 8
1024 E. 6th St.	1024 E. 6th St.	Ontario	6Z	Map Reference No. 9
1128 E. 5th St.	1128 E. 5th St.	Ontario	6Z	Map Reference No. 10
Halgren's Chocolate	1204 N. Grove Ave.	Ontario	6Z	Map Reference No. 11
Union Carbide Industrial Gasses Inc.	10829 Etiwanda Ave.	Fontana	6Z	Map Reference No. 12
16454 Washington Dr.	16454 Washington Dr.	Fontana	6Z	Map Reference No. 13
16470 Washington Dr.	16470 Washington Dr.	Fontana	6Z	Map Reference No. 14
16592 Washington Dr.	16592 Washington Dr.	Fontana	6Z	Map Reference No. 15
18029 Taylor Ave.	18029 Taylor Ave.	Bloomington	6Z	Map Reference No. 16
18083 Taylor Ave.	18083 Taylor Ave.	Bloomington	6Z	Map Reference No. 17
10176 Orchard St./Bloomington Garage and LaGue Residence (CA-SBR-8542H; P755)	10176 Orchard St.	Bloomington	6Z	Map Reference No. 18
18661 Orange St.	18661 Orange St.	Bloomington	6Z	Map Reference No. 19
10156 Church St.	10156 Church St.	Bloomington	6Z	Map Reference No. 20
1785 S. Sycamore Ave.	1785 S Sycamore Ave.	Rialto	6Z	Map Reference No. 21
Entenmanns's- Orowheat Bakery Outlet	20213 Valley Blvd.	Rialto	6Z	Map Reference No. 22
885 W. Valley Blvd.	885 W. Valley Blvd.	Colton	6Z	Map Reference No. 23
110 N 4th St.	110 N 4th St.	Colton	6Z	Map Reference No. 24
188 E Valley Blvd.	188 E Valley Blvd.	Colton	6Z	Map Reference No. 25

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
444 E. Valley Blvd.	444 E. Valley Blvd.	Colton	6Z	Map Reference No. 26
2396 E. Steel Rd	2396 E Steel Rd.	Colton	6Z	Map Reference No. 27
428 E. Caroline St.	428 E. Caroline St.	San Bernardino	6Z	Map Reference No. 28
Mission Channel		San Bernardino/Loma Linda	6Z	Map Reference No. 30
25435 Redlands Blvd.	25435 Redlands Blvd.	Loma Linda	6Z	Map Reference No. 31
617 Texas St./ California National Guard	617 Texas St.	Redlands	6Z	Map Reference No. 32
715 W Colton Ave./ Covington Engineering	715 W Colton Ave.	Redlands	6Z	Map Reference No. 33
615 Lawton St.	615 Lawton St.	Redlands	6Z	Map Reference No. 34
503 W. Colton Ave.	503 W. Colton Ave.	Redlands	6Z	Map Reference No. 35
719 N Eureka St.	719 N Eureka St.	Redlands	6Z	Map Reference No. 36
201 W. Colton Ave.	201 W. Colton Ave.	Redlands	6Z	Map Reference No. 37
127 W. Colton Ave.	127 W. Colton Ave.	Redlands	6Z	Map Reference No. 38
203 E. Colton Ave.	203 E. Colton Ave.	Redlands	6Z	Map Reference No. 40
211 E. Colton Ave.	211 E. Colton Ave.	Redlands	6Z	Map Reference No. 41
619 11th St.	619 11th St.	Redlands	6Z	Map Reference No. 43
745 E. Stuart Ave.	745 E. Stuart Ave.	Redlands	6Z	Map Reference No. 44
602 Church St./ Spiritual Treatment Center	602 Church St.	Redlands	6Z	Map Reference No. 45
522-524 Bonita Ave.	524 Bonita Ave.	Redlands	6Z	Map Reference No. 46
831 Sylvan Blvd.	831 Sylvan Blvd.	Redlands	6Z	Map Reference No. 47
911 E. Central Ave.	911 E. Central Ave.	Redlands	6Z	Map Reference No. 49
924 E. Central Ave.	924 E. Central Ave.	Redlands	6Z	Map Reference No. 50
215 N. University St.	215 N. University St.	Redlands	6Z	Map Reference No. 51
136 N. University St.	136 N. University St.	Redlands	6Z	Map Reference No. 52
130 N University St.	130 N University St.	Redlands	6Z	Map Reference No. 53
1106 E. Central Ave.	1106 E. Central Ave.	Redlands	6Z	Map Reference No. 54
507 University Pl.	507 University Pl.	Redlands	6Z	Map Reference No. 55
511 University Pl.	511 University Pl.	Redlands	6Z	Map Reference No. 56
514 University Pl.	514 University Pl.	Redlands	6Z	Map Reference No. 57
517 University Pl.	517 University Pl.	Redlands	6Z	Map Reference No. 58
524 University Pl.	524 University Pl.	Redlands	6Z	Map Reference No. 59
528 University Pl.	528 University Pl.	Redlands	6Z	Map Reference No. 60
532 University Pl.	532 University Pl.	Redlands	6Z	Map Reference No. 61
1001 E. Cypress Ave.	1001 Cypress Ave	Redlands	6Z	Map Reference No. 62
955 E. Cypress Ave.	955 E. Cypress Ave.	Redlands	6Z	Map Reference No. 63

Name	Address/Location	Community	OHP Status Codes	Map Reference No.
945 E. Cypress Ave.	945 E. Cypress Ave.	Redlands	6Z	Map Reference No. 64
1131 E. Cypress Ave.	1131 E. Cypress Ave.	Redlands	6Z	Map Reference No. 65

The following are historical resources for the purposes of CEQA because they meet the California Register or Historical Resources criteria and/or locally designated under a local government ordinance or were identified as significant in a survey that meets the Office of Historic Preservation standards:

Name	Address /Location	Community	OHP Status Codes	Map Reference No.
Euclid Avenue	N/A	Upland/Ontario	1S	Map Reference No. 1a
Euclid Avenue Historic District	N/A	Ontario	5D1	Map Reference No. 1b
1531 N. Euclid Ave.\The Metcalfe & Bundgard House	1531 N. Euclid Ave.	Ontario	5B	Map Reference No. 2
1540 N. Euclid Ave.\The Arthur E. Wilson House	1540 N. Euclid Ave.	Ontario	5B	Map Reference No. 3
1524 N. Euclid Ave.\The James B. Martz House	1524 N. Euclid Ave.	Ontario	5B	Map Reference No. 4
Curtis Homestead	N/A	Loma Linda		Map Reference No. 29
Terrace Park	The strip of land between Colton and Terrace avenues, and Church and Sixth Street	Redlands	5S1	Map Reference No. 39
B.W. Cave Residence/322 The Terrace	322 The Terrace	Redlands	5S3	Map Reference No. 42
Mill Creek <i>Zanja</i>	N/A	Redlands	1S	Map Reference No. 48
1055 E. Highland Ave.	1055 E. Highland Ave.	Redlands	2S2	Map Reference No. 66
The Peppers/El Carmelo	926 E. Highland Ave.	Redlands	2S2	Map Reference No. 67

Euclid Avenue

Please see page 17 for a description of this historical resource.

Euclid Avenue Historic District

Between I-10 and G Street, Euclid Avenue and fronting properties were also identified as contributors to a locally designated historic district which was established by the City of Ontario. The contributing features of the locally designated historic district also include the median and street trees, consisting of silk oak and coast live oak trees. Other contributing features include the abutting properties, the scored sidewalks, stone and concrete curbs, King Standard lampposts, and front yard setbacks and open space in the residential areas of the district. Three properties within the Project APE were identified as contributors to this district and were individually evaluated for inclusion in the NRHP for this study.

1531 N. Euclid Avenue/The Metcalfe & Bundgard House

The Metcalfe & Bundgard House, located at 1531 N. Euclid Avenue, Ontario (Map Reference No. 2), is a historical resource for the purposes of CEQA because it was identified as the contributor to the locally designated Euclid Avenue Historic District, and was also identified as eligible for individual local landmark designation. The period of significance is 1951, the year the building was constructed. The property is locally significant because it fronts Euclid Avenue. The boundary is limited to the Assessor's parcel boundary. Contributing features include its massing, setback, and siting on the parcel. Other contributing features include the pebble-clad hipped roof with boxed eaves; a chimney clad in flag stone; smooth textured stucco; aluminum sash and fixed-pane windows; and the primary entrance is raised and is accessed via a cast concrete, slab on grade entry porch. The metal awnings are a non-contributing feature of the building.

1540 N. Euclid Avenue/The Arthur E. Wilson House

The Arthur E. Wilson House, located at 1540 N. Euclid Avenue, Ontario (Map Reference No. 3), is a historical resource for the purposes of CEQA because it was identified as a contributor to the locally designated Euclid Avenue Historic District, and was also identified as eligible for individual local landmark designation. The period of significance is 1954, the year the building was constructed. The property is locally significant because it fronts Euclid Avenue. The boundary is limited to the Assessor's parcel boundary. Contributing features include its massing, setback, and siting on the parcel. Other contributing features include the gable-on-hip roof with exposed rafter tails; the dove cote in the front-facing gable; a brick chimney; the vertical board and batten wood siding; the wavy clapboard with brick veneer to the water line; the wood casement, one-over-one sash, six-over-six sash, and diamond-paned sash windows; the two canted bays accented with corbels; and the primary entrance is recessed and is at grade. Contributing landscaping includes mature trees.

1524 N. Euclid Avenue/The James B. Martz House

The James B. Martz House is located at 1524 N. Euclid Avenue, Ontario (Map Reference No. 4), is a historical resource for the purposes of CEQA because it was identified as a contributor to the locally designated Euclid Avenue Historic District, and was also identified as eligible for individual landmark designation. The period of significance is 1948, the year the building was constructed. The property is locally significant because it fronts Euclid Avenue. The boundary is limited to the Assessor's parcel boundary. Contributing features include its massing, setback, and siting on the parcel. Other contributing features include the cross-hipped roof with the boxed eaves; the brick chimney; the smooth textured stucco with horizontal clapboard siding to the water line; the six-over-six wood sash windows with wood surrounds; the canted bay; and the primary entrance is raised, recessed, and accessed via cast concrete steps. Contributing landscaping includes mature trees.

Curtis Homestead

Please see page 17 for a description of this historical resource.

Terrace Park

Terrace Park (Map Reference No. 39) was previously listed as a City of Redlands as a locally designated "Historic Property" and is a historical resource for the purposes of CEQA. Terrace Park is located between Colton and Terrace avenues and Church and Sixth streets, being a portion of Lots 29, 30, and 31 of Block 77, Rancho San Bernardino. The park is locally significant because it contributes to the historic or scenic properties of the City, and because the park has a unique location and singular physical characteristics representing an established and familiar visual feature of a neighborhood, surrounding community, and the City. The period of significance is 1870, the year the neighborhood was established. The boundary is the established codified legal boundary of the open space as defined in City of Redlands Resolution No. 7366. Contributing features include the mature vegetation, central walkway, and landscape design. Non-contributing features include the modern park benches.

B.W. Cave Residence/322 The Terrace

The B.W. Cave Residence/322 The Terrace, Redlands (Map Reference No. 42) was previously identified through survey evaluation as eligible for local designation as a City of Redlands Historic Property and this survey confirms that finding. The period of significance is 1890, the year the building was constructed. The boundary is limited to the legal parcel boundary. The property is locally significant for its association with B.W. Cave and its architectural style. The period of significance is 1890, the year the building was constructed. The boundary is limited to the legal parcel boundary. Contributing features include its massing, setback, and siting on the parcel. Other contributing features include the irregular roof which is clad in composition shingles; the exterior walls which are clad in clapboard and the front-facing gable is clad in fish scale shingles; the fenestration of wood one-over-one sash, two-light fixed-pane, and six-light French doors; a canted bay centrally located on the primary façade the top of which creates a second floor porch; the second floor porch enclosed with a simple wood railing; and the primary entrance is raised, recessed, and accessed via cast concrete stairs. Contributing landscape includes mature trees, and a wood fence separates the front and rear yards.

Mill Creek Zanja

Please see page 18 for a description of this historical resource.

1055 E. Highland Avenue

Please see page 19 for a description of this historical resource.

The Peppers/El Carmelo

Please see page 19 for a description of this historical resource.

Carrie Chasteen, consultant architectural historian, who meets the Professionally Qualified Staff Standards in Section 106 Programmatic Agreement Attachment 1 as a Principal Architectural Historian, has determined that the only other properties present within the APE meet the criteria for Section 106 Programmatic Agreement Attachment 4 (Properties Exempt from Evaluation).

6 HPSR TO DISTRICT FILE

Not applicable.

7 HPSR TO SHPO

Caltrans has determined there are properties within the APE that were evaluated as a result of the Project and are not eligible for inclusion in the NRHP (see Section 5). Under Section 106 PA Stipulation VIII.C.6, Caltrans requests SHPO's concurrence in this determination.

Caltrans has determined that there are properties within the APE that were evaluated as a result of the Project and are eligible for inclusion in the NRHP (see Section 5). Under Section 106 PA Stipulation VIII.C.6, Caltrans requests SHPO's concurrence in this determination.

Caltrans, in accordance with Section 106 PA Stipulations IX.B and X, will continue consultation with SHPO on the assessment of effects.

8 HPSR TO CSO

Caltrans, in accordance with Section 106 PA Stipulation VIII.C.3, has determined that the archaeological site, the Curtis Homestead, within the APE, as described in Section 5, is considered eligible for inclusion in the NRHP for the purposes of this Project only. The effect will be assessed in the Finding of Effect being prepared for this Project under separate cover, which will include an ESA action plan.

9 FINDINGS FOR STATE-OWNED PROPERTIES

Caltrans has determined that the following State-owned historical resource within the APE previously was included in the Master List of Historical Resources.

Euclid Avenue/SR-83 (36-015982); listed by the Cities of Upland and Ontario on August 10, 2005 under Criteria A/1 and C/3. The period of significance for the Historical Resource is 1882 to 1940, and it is significant on the state level.

Caltrans, pursuant to PRC 5024 Memorandum of Understanding Stipulation III, shall use the Section 106 PA in its entirety and notify SHPO that there are State-owned historical resources for which Caltrans is concurrently complying with PRC 5024. A Finding of No Adverse Effect with Non-standard Conditions is being prepared under separate cover pursuant to the NHPA Section 106 process and is pending SHPO concurrence.

The remaining State-owned cultural resources within the APE were all either previously determined not eligible or were exempted from review.

10 CEQA CONSIDERATIONS

Caltrans PQS staff determined that there are resources in the project area that were evaluated as a result of this project and do not meet NRHP or CRHR criteria, as outlined in CEQA Guidelines 15064.5(a), and are not historical resources for purposes of CEQA; see Section 5.

Caltrans PQS staff has determined that the following resources do not meet NRHP criteria but are historical resources for purposes of CEQA because they: are listed in the CRHR or were determined eligible by the State Historical Resources Commission- [§15064.5(a)(1)], are included in a local register or identified as significant in a local survey meeting OHP standards [§15064.5(2)], or Caltrans, as the lead agency, has determined that they meet the criteria for listing in the California Register of Historical Resources [§15064.5(a)(3) - (4)]:

Aside from the five historic properties that are also historical resources, the following are located within the APE:

Name	Address /Location	Community	OHP Status Codes	Map Reference No.
Euclid Avenue Historic District	N/A	Ontario		Map Reference Nos. 1b-4
1531 N. Euclid Ave.\The Metcalfe & Bundgard House	1531 N. Euclid Ave.	Ontario	5B	Map Reference No. 2
1540 N. Euclid Ave.\The Arthur E. Wilson House	1540 N. Euclid Ave.	Ontario	5B	Map Reference No. 3
1524 N. Euclid Ave.\The James B. Martz House	1524 N. Euclid Ave.	Ontario	5B	Map Reference No. 4
Terrace Park	The strip of land between Colton and Terrace avenues, and Church and Sixth Street	Redlands	5S1	Map Reference No. 39
B.W. Cave Residence/322 The Terrace	322 The Terrace	Redlands	5S3	Map Reference No. 42

Caltrans PQS staff has determined there is no impact to the following historical resources within the Project area limits:

- Terrace Park (Map Reference No. 39)
- B.W. Cave Residence (Map Reference No. 42)
- Mill Creek Zanja (Map Reference No. 48)
- 1055 E. Highland Avenue (Map Reference No. 66)

The only proposed work that would occur at the locations of these four historical resources as a result of this Project would be restriping or median reconstruction; therefore, the Project would not result in direct or indirect substantial adverse changes to these historical resources as defined

in the Section 15064.5(b) of the CEQA Guidelines (for additional analysis on the Mill Creek Zanja and 1055 E. Highland Avenue, see the FOE prepared for this Project).

Caltrans PQS staff has determined for the following historical resource, there is no substantial adverse change - ESAs, because the impacts to the following historical resource within the Project area limits will be avoided through the establishment of an ESA, enforcement measures and conditions that are included in the attached documentation. Gary Jones, who meets the Professionally Qualified Staff Standards in Section 106 PA Attachment 1 as a Principal Investigator, has reviewed the attached documentation and determined that it is adequate.

The Curtis Homestead (CA-SBR-12989H; Map Reference No. 29) is located in the Project area limits and will be protected in place with an ESA. The ESA Action Plan is an appendix to the Finding of No Adverse Effect with Non-standard Conditions.

Caltrans PQS staff has determined that for the following historical resources, no substantial adverse change –direct or indirect alteration because the proposed work that affects the following historical resources within the Project area limits will be mitigated below the level of significant impact by using the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings*. Andrew Walters, who meets the PQS Standards in Section 106 PA Attachment 1 as a Principal Architectural Historian, and has the appropriate education and experience, has reviewed the attached documentation and determined that it is adequate.

Euclid Avenue/SR-83 (Map Reference No. 1a)

No work would occur at this location under Alternatives 1 and 2 (for additional analysis on this historic property, see the FOE being prepared under separate cover for this Project).

Alternative 3 would construct improvements to Euclid Avenue between Olive Street in Upland and Armsley Square/E. La Deney Drive in Ontario, and would reconstruct the Euclid Avenue/I-10 overcrossing (OC) (Bridge No. 54 0445). Four design options have been developed for the improvement of the I-10 and Euclid Avenue interchange. Design Options 1 and 2 are not being carried forward due to historic preservation concerns. Each of the options requires the replacement of the Euclid Avenue/I-10 OC Bridge. The Euclid Avenue/I-10 OC was constructed when I-10 was constructed in the 1950s in order to carry Euclid Avenue over the new freeway. The bridge was reconstructed in 1970. Euclid Avenue/I-10 OC was not identified as a character-defining feature of the historical resource, and is listed as a Category 5, "Not NRHP eligible" in the Caltrans historic bridge inventory. Replacement of this bridge would not result in a substantial adverse change to the historical resource; however, the replacement bridge could result in indirect effects to the historical resource. The design and aesthetics of the replacement structure would be in keeping with the Secretary of the Interior's Standards for the Treatment of Historic Properties (SOIS) (e.g., the proposed replacement structure would include a landscaped deck to the extent possible in order to improve the historic setting of the historical resource at this location by improving the view shed from a hardscaped bridge deck to a landscape design in keeping with the existing landscape design); therefore, reconstruction of this structure would not result in an substantial adverse change to a historical resources, and could be considered a benefit to this historical resource.

In addition, under Alternative 3, Options 3 and 4 would add an additional eastbound turn pocket on the west side of the median located between 7th Street and I-10. The options would also remove an additional five feet from the east side of this median. This median was previously substantially altered during the reconstruction of the Euclid Avenue/I-10 OC and is not a character-defining feature of this historical resource. Additional modification of this median would not demolish or materially alter the historical resource in an adverse manner.

Landscape

Under Alternative 3, Options 3 and 4 would remove mature landscaping in the Project area; however, vegetation will be replaced with appropriate species and in keeping with the historical landscape design upon completion of construction. Therefore, Options 3 and 4 would not result in demolition or material alteration of the historical resource. Any mature vegetation that would be removed under the options would be relocated and replanted in keeping with the SOIS. Because the mature vegetation would be relocated or replanted in accordance with the SOIS, the options would not result in the demolition or material alteration of the historical resource in an adverse manner as defined in Section 15064.5(b)(3) of the CEQA Guidelines.

Medians

Under Alternative 3, Options 3 and 4 would require minor sliver takes of the medians within the Project footprint. Alternative 3 would minimally alter the property in terms of the adjustment of the width of the medians; however, Euclid Avenue would continue to be used as it has been historically and the proposed modifications could be reversed in the future in order to restore the 60-foot width of the medians. Therefore, this proposed modification is in keeping with the SOIS and would not result in demolition or material alteration of a historical resource as defined in Section 15064.5(b)(3) of the CEQA Guidelines.

Curbs

Options 3 and 4 of Alternative 3 would require minor sliver takes of cobblestone curbs within the Project footprint. The sliver takes of the curbs are minimal in nature when considering the total length of the resource (8.4 miles), and would result in minimal damage to part of the historical resource because the sliver take would be barely perceptible to the casual observer. Furthermore, any curbs that would be removed in order to construct Alternative 3 would be rebuilt in accordance with the SOIS. Because the curbs would be reconstructed in accordance with the SOIS, Alternative 3 would not result in demolition or material alteration of a historical resource as defined in Section 15064.5(b)(3) of the CEQA Guidelines.

Sidewalks

No historical sidewalks would be removed or altered under Options 3 and 4. Therefore, Alternative 3 would not result in demolition or material alteration of a historic resource as defined in Section 15064.5(b) of the CEQA Guidelines.

Because the proposed modifications to the historical resource are in keeping with the SOIS, the Project would not result in a substantial adverse change to a historical resource as defined in the Section 15064.5(b)(3) of the CEQA Guidelines. This finding was made in conjunction with the

analysis in the Finding of No Adverse Effect being prepared under separate cover for this Project.

City of Ontario Euclid Avenue Historic District (Map Reference No. 1b)

The impacts to this property would be the same as identified above to Euclid Avenue/SR-83 (e.g., roadway and landscaping modifications and curb replacement). Therefore, the proposed modifications to these historical resources are in keeping with the SOIS, and the Project would not result in a substantial adverse change to a historical resource as defined in Section 15064.5(b)(3) of the CEQA Guidelines.

1531 N. Euclid Avenue (Map Reference No. 2)

The impacts to this property would be the same as identified above to Euclid Avenue/SR-83 (e.g., roadway and landscaping modifications and curb replacement). Construction-related noise would be temporary and would occur during specified daylight business hours and would result in a temporary less than significant impact and is in keeping with the SOIS. The Project would increase through-put and relieve traffic congestion and associated noise. Therefore, the proposed Project would be a benefit to this resource and is in keeping with the SOIS. The property has historically been located adjacent to a major arterial roadway, and the Project would not result in a change of setting because the arterial road would retain its historic use which is in keeping with the SOIS. Therefore, the proposed modifications to these historical resources are in keeping with the SOIS, and the Project would not result in a substantial adverse change to a historical resource as defined in Section 15064.5(b)(3) of the CEQA Guidelines.

1540 N. Euclid Avenue (Map Reference No. 3)

The impacts to this property would be the same as identified above to Euclid Avenue/SR-83 (e.g., roadway and landscaping modifications and curb replacement). Construction-related noise would be temporary and would occur during specified daylight business hours and would result in a temporary less than significant impact and is in keeping with the SOIS. The Project would increase through-put and relieve traffic congestion and associated noise. Therefore, the proposed Project would be a benefit to this resource and is in keeping with the SOIS. The property has historically been located adjacent to a major arterial roadway, and the Project would not result in a change of setting because the arterial road would retain its historic use which is in keeping with the SOIS. Therefore, the proposed modifications to these historical resources are in keeping with the SOIS, and the Project would not result in a substantial adverse change to a historical resource as defined in Section 15064.5(b)(3) of the CEQA Guidelines.

1524 N. Euclid Avenue (Map Reference No. 4)

The impacts to this property would be the same as identified above to Euclid Avenue/SR-83 (e.g., roadway and landscaping modifications and curb replacement). Construction-related noise would be temporary and would occur during specified daylight business hours and would result in a temporary less than significant impact and is in keeping with the SOIS. The Project would increase through-put and relieve traffic congestion and associated noise. Therefore, the proposed Project would be a benefit to this resource and is in keeping with the SOIS. The property has historically been located adjacent to a major arterial roadway, and the Project would not result in

a change of setting because the arterial road would retain its historic use which is in keeping with the SOIS. Therefore, the proposed modifications to these historical resources are in keeping with the SOIS, and the Project would not result in a substantial adverse change to a historical resource as defined in Section 15064.5(b)(3) of the CEQA Guidelines.

The Peppers/El Carmelo (Map Reference No. 67)

An existing soundwall located just south of Highland Avenue, which provides noise abatement for the residential buildings lining Highland Avenue, would be replaced as a part of this Project and an existing chain link fence which encloses the Caltrans ROW from The Peppers/El Carmelo would be replaced with a soundwall (for additional analysis, see the FOE being prepared under separate cover for this Project).

The Project would result in the construction of a soundwall within the Caltrans ROW, adjacent to the eastern/northern boundary of The Peppers/El Carmelo. The proposed soundwall would not result in the demolition or material alteration of the historical resource and is located outside of the historical resource's boundary, and would not result in a substantial adverse change to a historical resource as defined in Section 15064.5(b) of the CEQA Guidelines and is keeping with the SOIS.

A temporary construction easement (TCE) could be required in order to construct the soundwall at The Peppers/El Carmelo. The TCE would allow for ingress/egress of construction equipment and persons in order to construct the wall. No physical destruction or damage to all or part of the property is anticipated, and any other potential effects would be temporary in nature. Because the soundwall would be located within Caltrans ROW and the only construction activities that would occur on the historical resource would be limited to an approximately 20-foot buffer of the property boundary for a possible TCE, no alteration of the property would occur as a result of this Project, and would not result in a substantial adverse change to a historical resource as defined in Section 15064.5(b) of the CEQA Guidelines and is in keeping with the SOIS.

The proposed soundwall would reduce the audible elements that result from automobile traffic travelling on I-10 that currently diminish the integrity of the property's setting. A eucalyptus wind row was planted along the eastern/northern boundary within The Peppers/El Carmelo site boundary, approximately when I-10 was constructed in the late 1950s. The non-contributing eucalyptus wind row would also physically and visually separate the proposed soundwall from the terraced citrus groves, which are a character-defining feature of the site. Therefore, the proposed soundwall would not demolish or materially alter the historic resource in a manner that would result in a substantial adverse change as defined in Section 15064.5(b)(3) of the CEQA Guidelines and is keeping with the SOIS. This finding was made in conjunction with the analysis in the Finding of No Adverse Effect being prepared under separate cover for this Project.

11 ATTACHED DOCUMENTATION

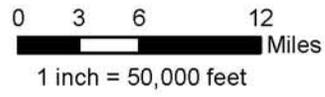
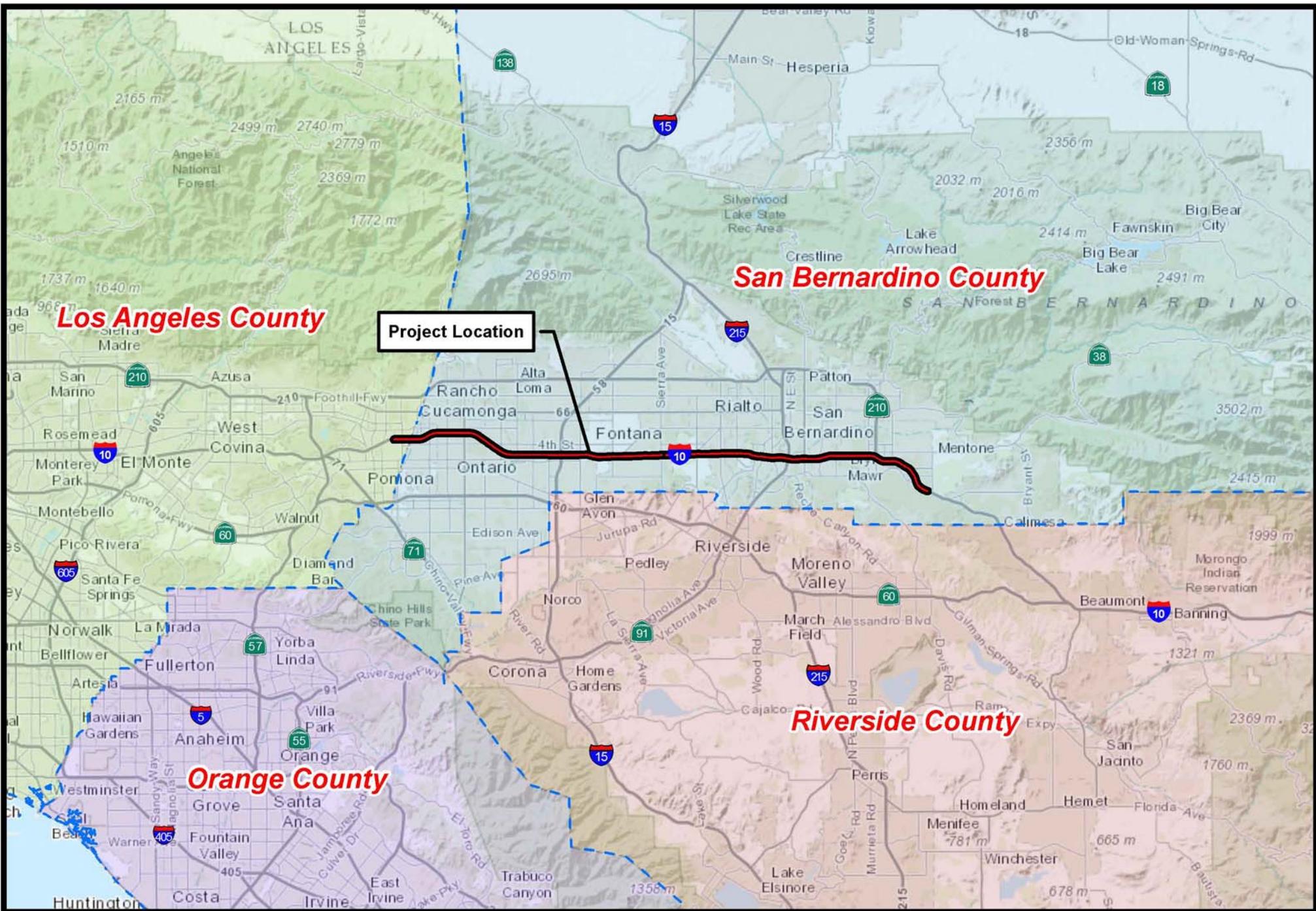
- Project Vicinity, Location, and APE Maps (Exhibit 1)
- California Historic Bridge Inventory sheet (Exhibit 2)
- Historical Resources Evaluation Report (HRER) (Exhibit 3)

Historical Resources Evaluation Report for the Interstate 10 Corridor Project. Carrie Chasteen, November 2014.

- Archaeological Survey Report (ASR) (Exhibit 4)
Archaeological Survey Report for the Interstate 10 Corridor Project. Tiffany Clark, November 2014.
- Native American Consultation (Exhibit 5)
- Consulting and Interested Party Correspondence (Exhibit 6)
- Scoping Notices (Exhibit 7)
- SHPO Correspondence (Exhibit 8)

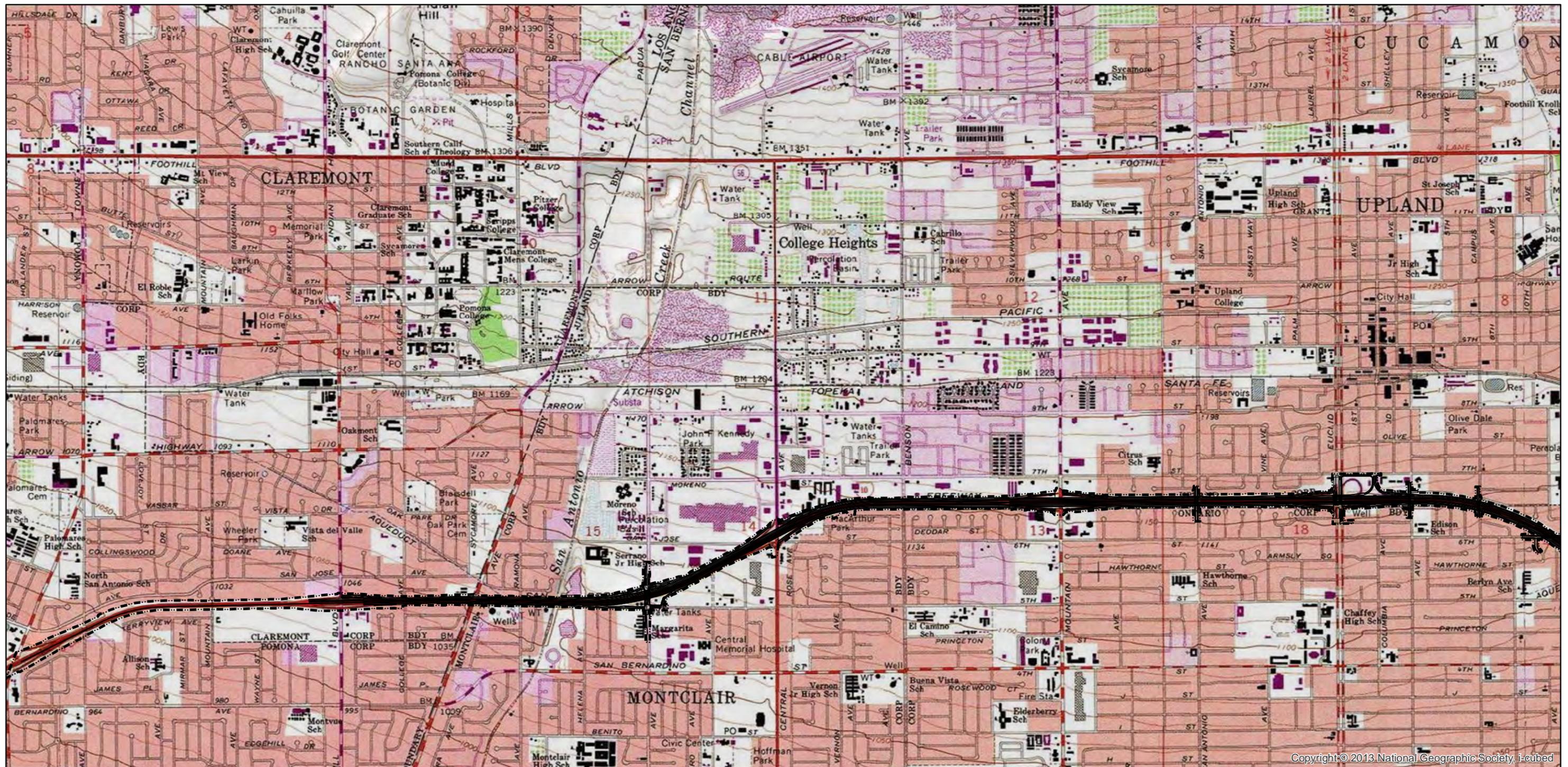
EXHIBIT 1

Project Vicinity, Location, and APE Maps



I-10 Corridor Project
- Project Vicinity Map -

Sources: GeoEye Aerial Imagery 2013; Cal-Atlas 2013; U.S. DOE 2013; Parsons 2013.



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Source: SANBAG, ESRI, and Parsons

0 3750 1,500 2,250 3,000 Feet

— Proposed Improvements

- - - Project Limits



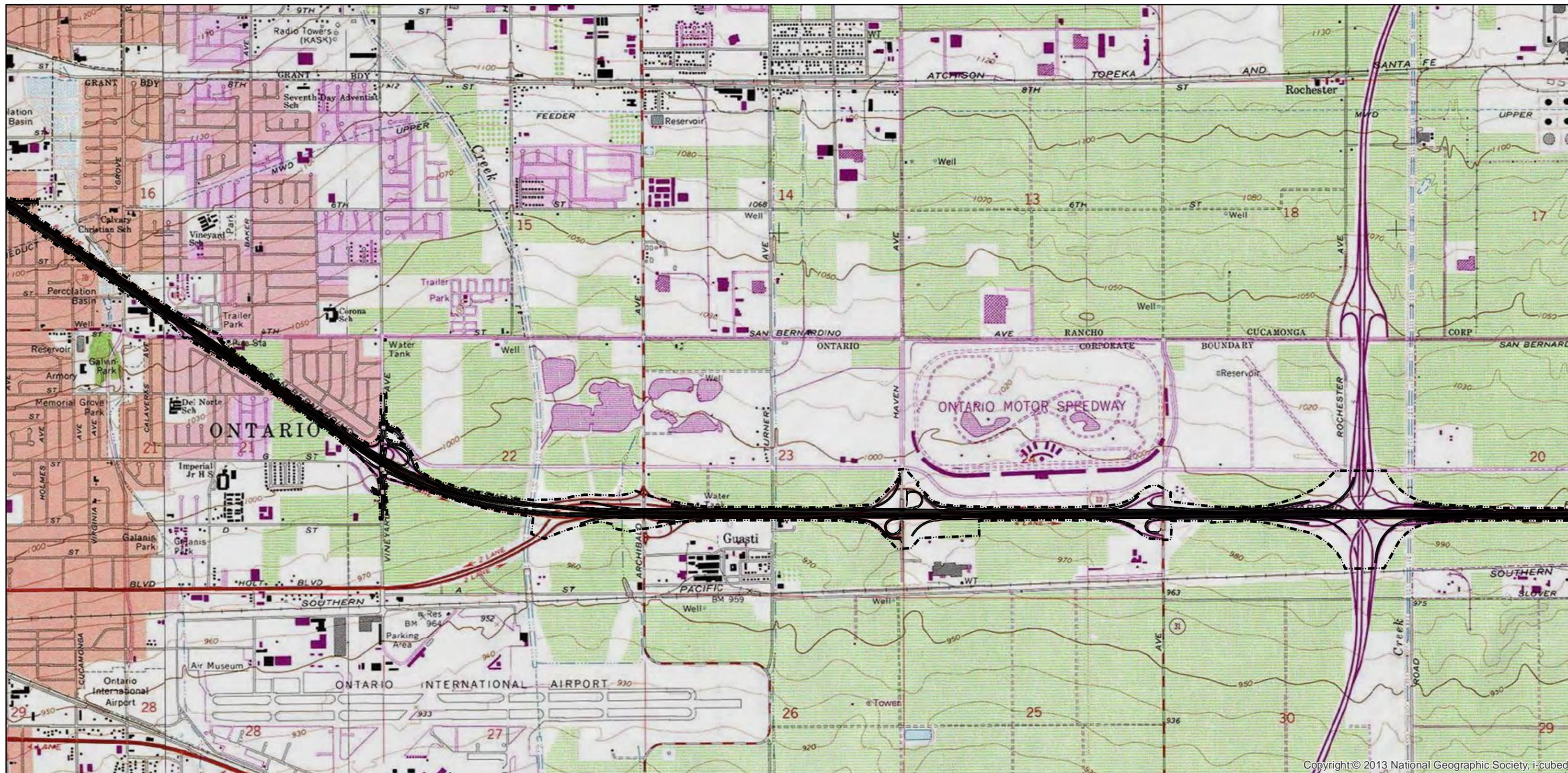
Figure 2: Project Location Map
 Interstate 10 Corridor Project
 Interstate 10
 San Bernardino and Los Angeles Counties
 EA 0C2500

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 Page 1 of 6

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Source: SANBAG, ESRI, and Parsons

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— Proposed Improvements

- - - Project Limits

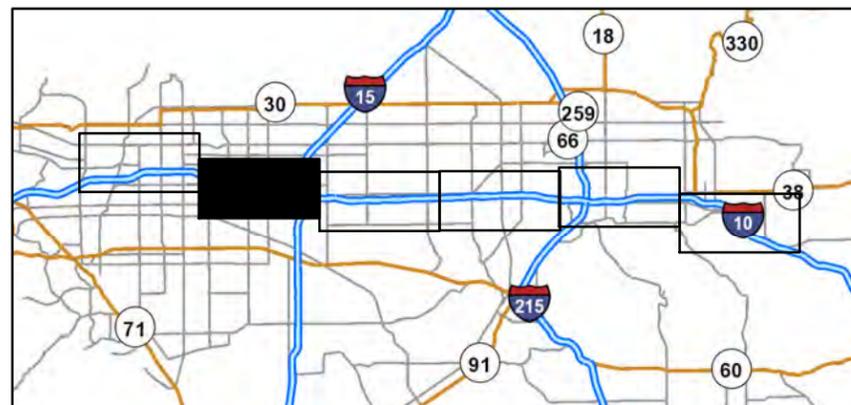


Figure 2: Project Location Map

Interstate 10 Corridor Project

Interstate 10

San Bernardino and Los Angeles Counties

EA 0C2500

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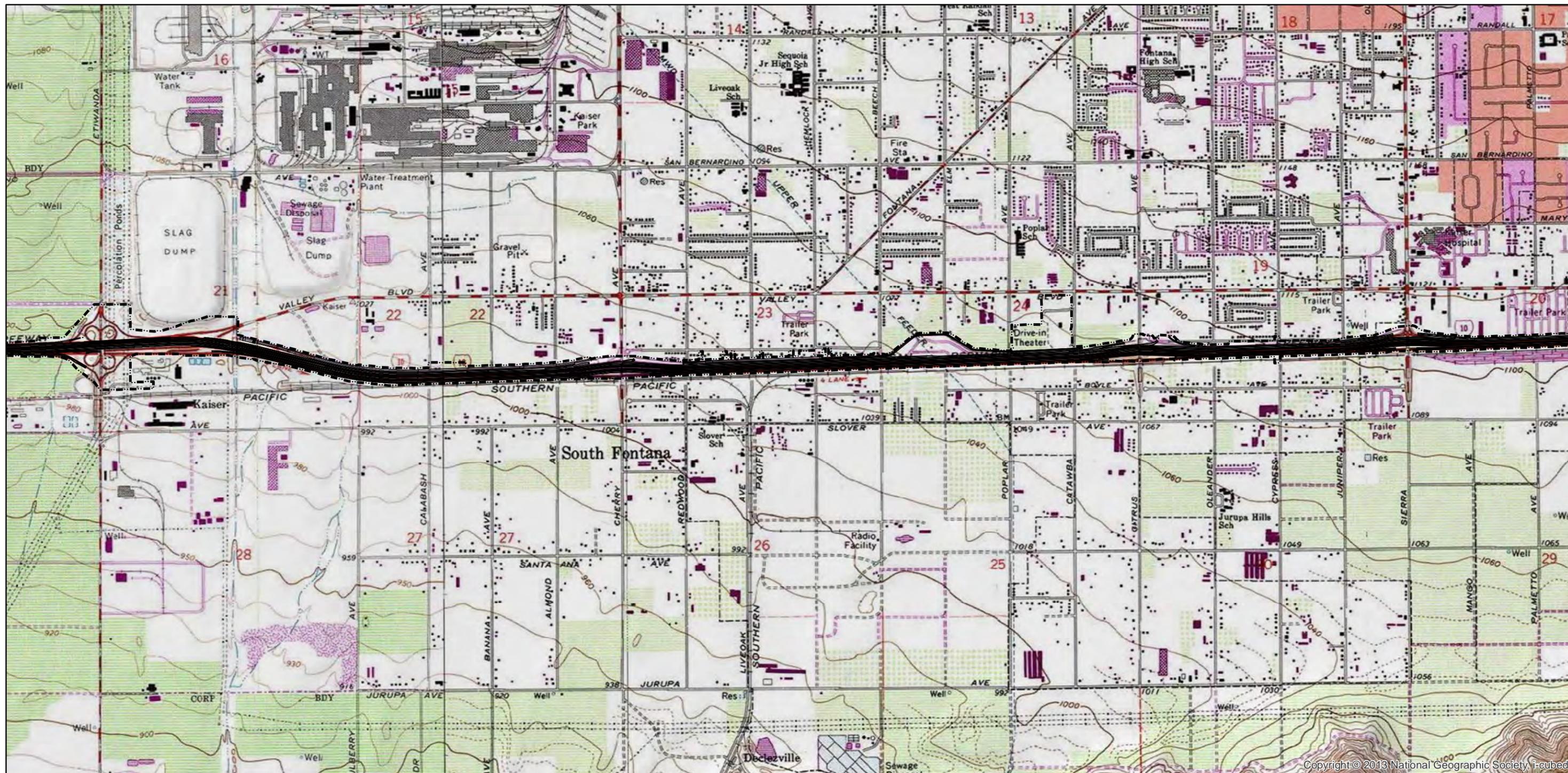
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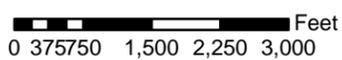
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Source: SANBAG, ESRI, and Parsons



- Proposed Improvements
- Project Limits



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Figure 2: Project Location Map
Interstate 10 Corridor Project

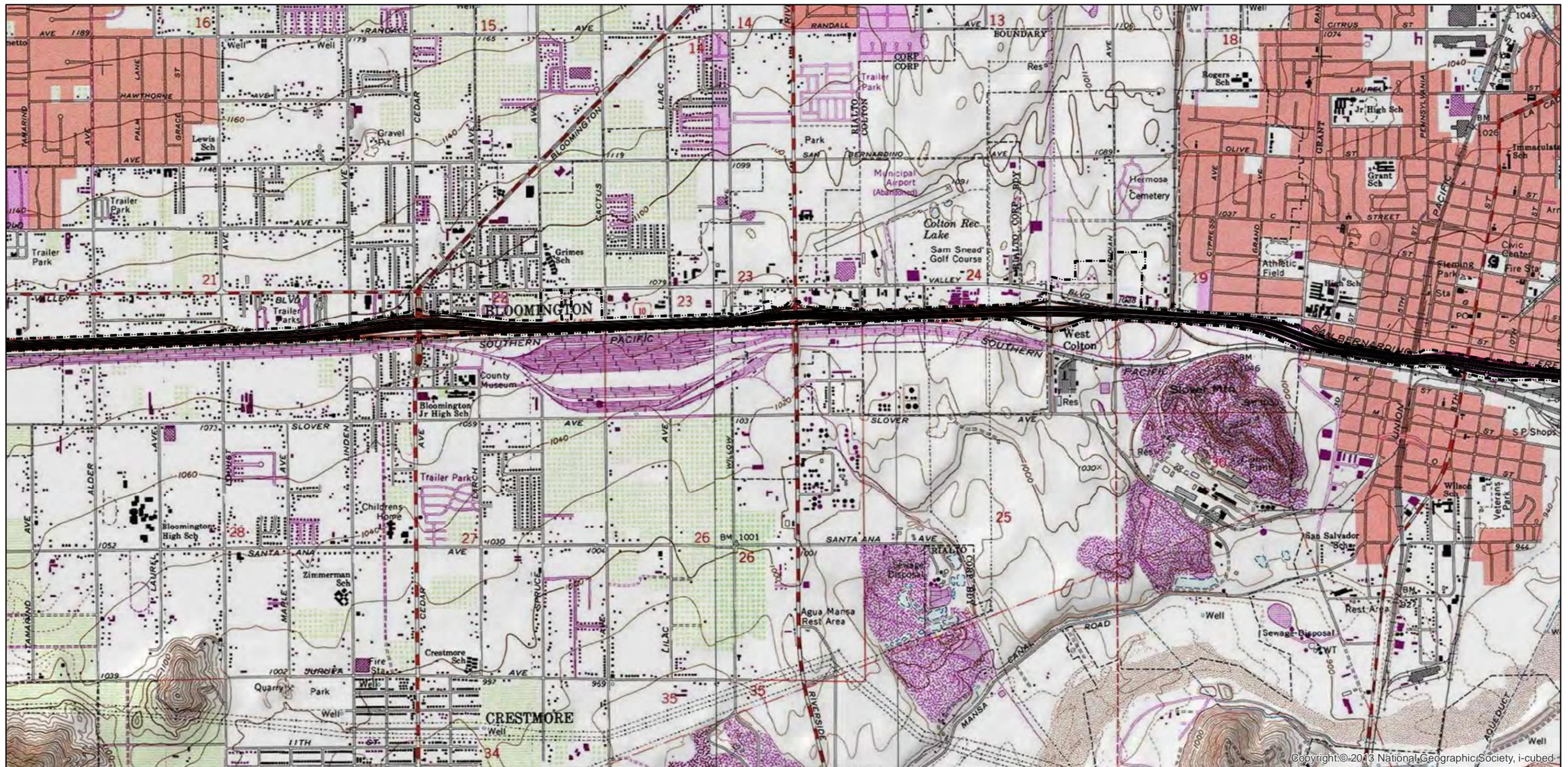
Interstate 10
San Bernardino and Los Angeles Counties
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- 08-SBd-83 PM 10.7/11.5
- 07-LA-10 PM 44.9/48.3



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Source: SANBAG, ESRI, and Parsons

0 3750 1,500 2,250 3,000 Feet

— Proposed Improvements

- - - Project Limits



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Figure 2: Project Location Map

Interstate 10 Corridor Project

Interstate 10

San Bernardino and Los Angeles Counties

EA 0C2500

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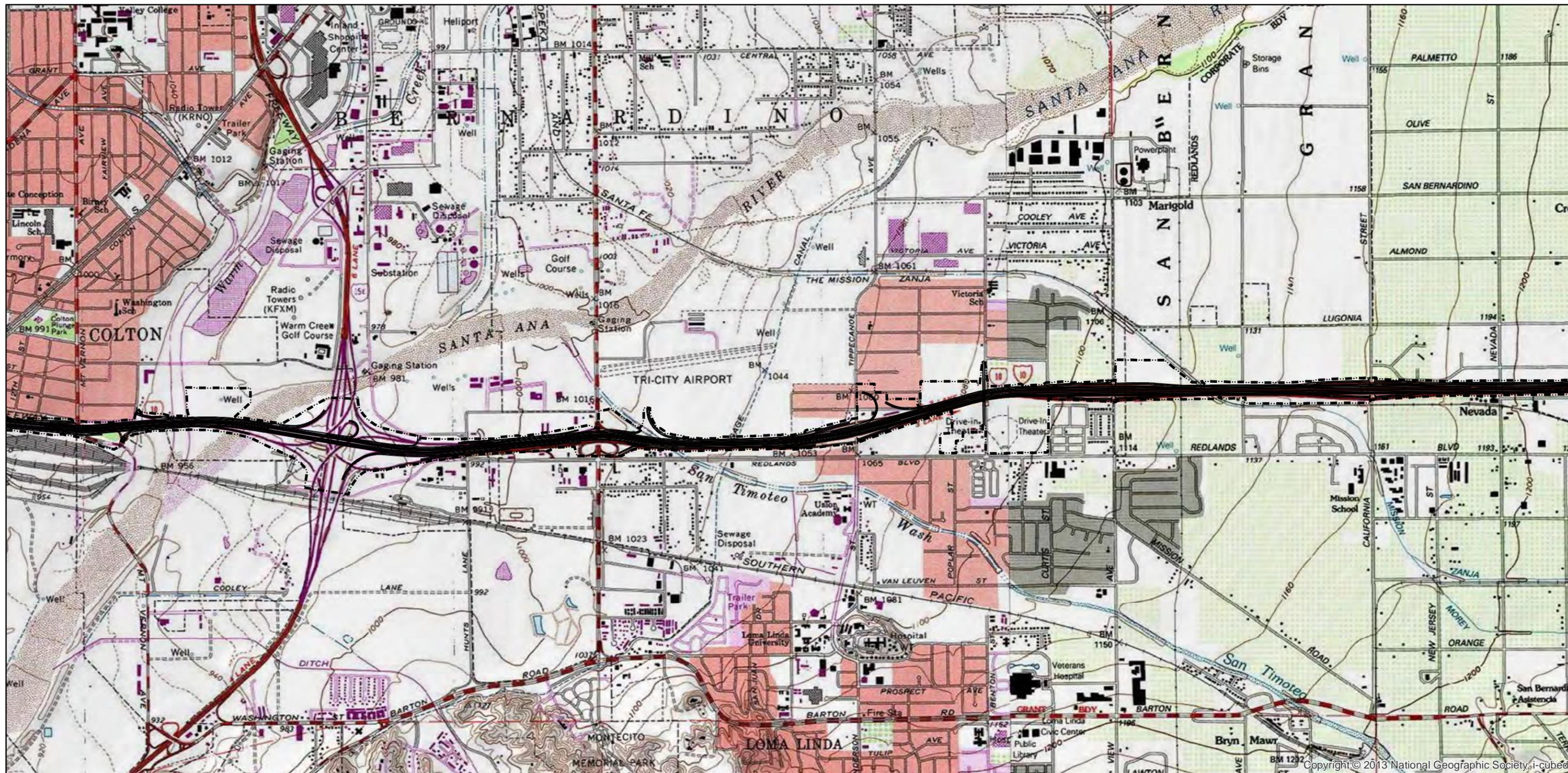
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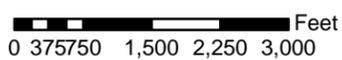
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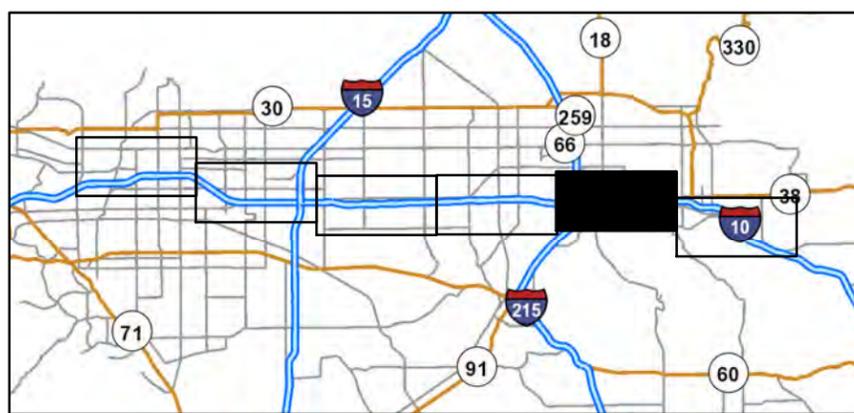
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Source: SANBAG, ESRI, and Parsons



- Proposed Improvements
- Project Limits

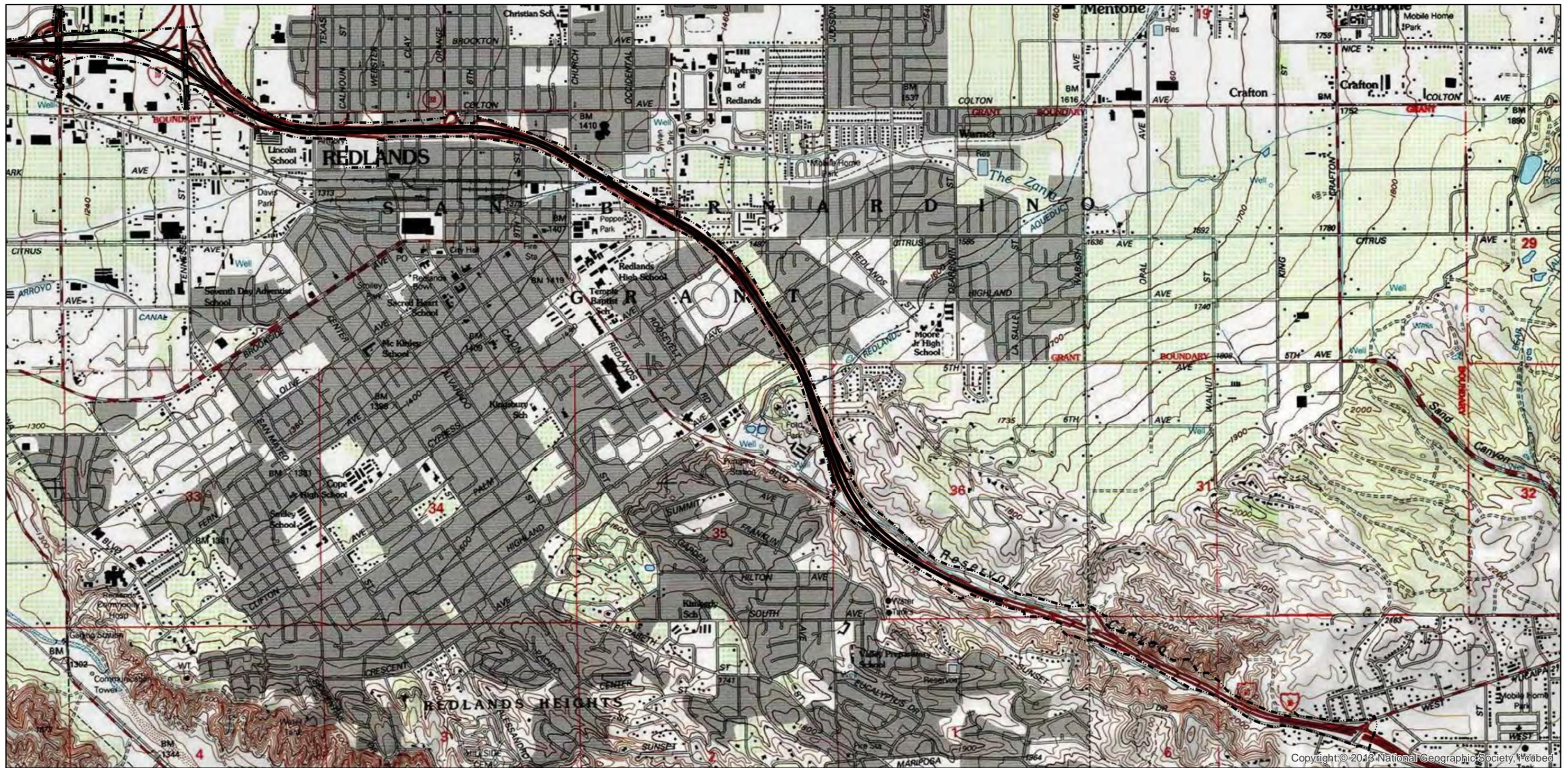


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Figure 2: Project Location Map
 Interstate 10 Corridor Project
 Interstate 10
 San Bernardino and Los Angeles Counties
 EA 0C2500
 08-0000-0040
 Page 5 of 6
 08-SBd-10 PM 0.0/37.0
 08-SBd-210 PM R33.0/R31.5
 08-SBd-83 PM 0.0/0.3
 08-SBd-215 PM 2.1/5.7
 08-SBd-15 PM 0.7/4.0
 08-SBd-83 PM 10.7/11.5
 07-LA-10 PM 44.9/48.3



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Source: SANBAG, ESRI, and Parsons

0 375 750 1,500 2,250 3,000 Feet

- Proposed Improvements
- - - Project Limits



Figure 2: Project Location Map

Interstate 10 Corridor Project

Interstate 10

San Bernardino and Los Angeles Counties

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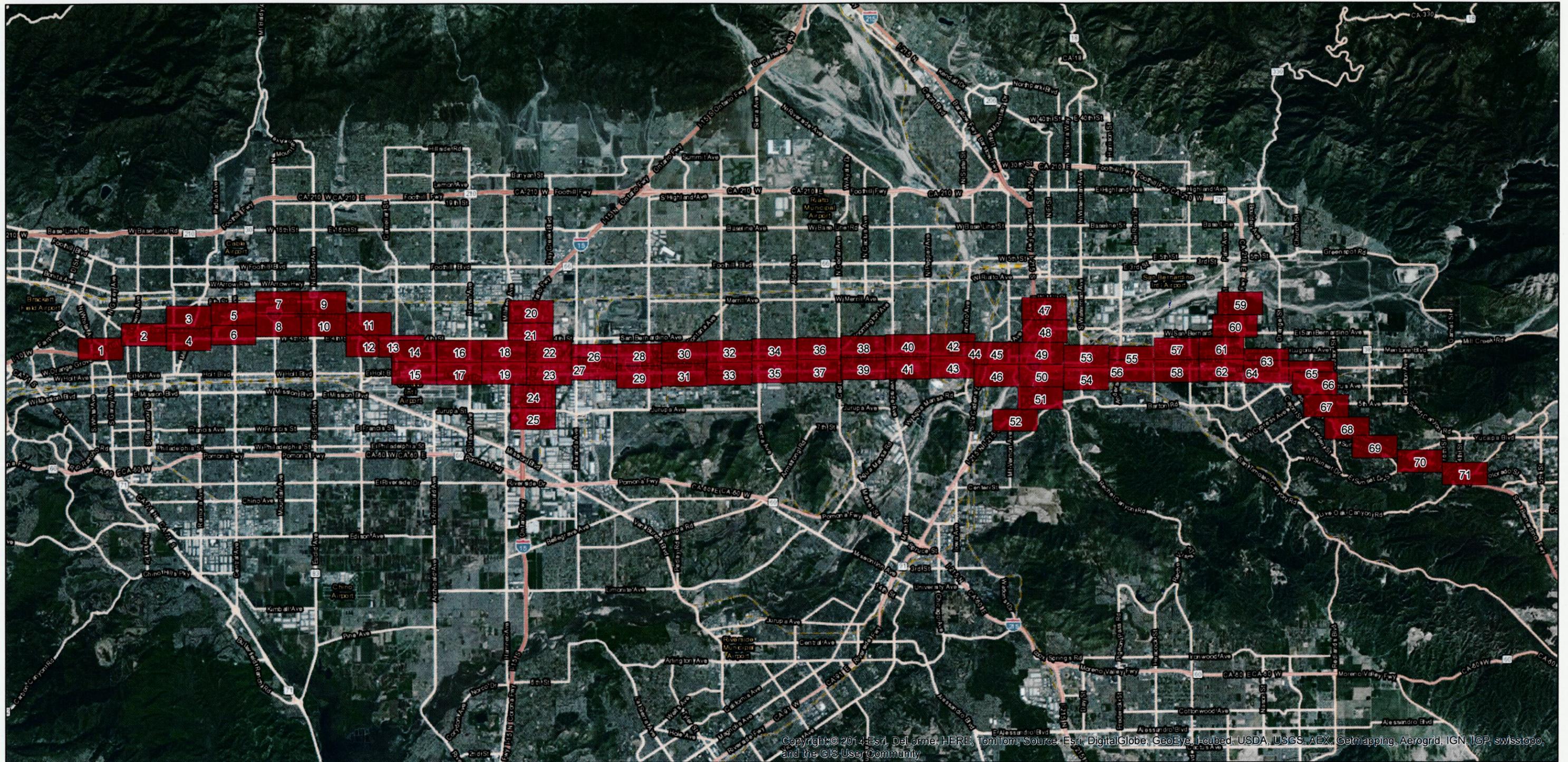
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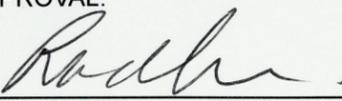
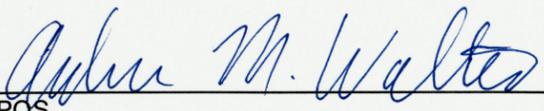


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Source: SANBAG, ESRI, and Parsons

APPROVAL:	
	2-4-15
Project Manager	Date
	2/4/15
PQS	Date

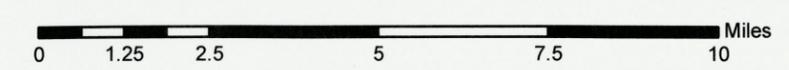


Figure 3: Area of Potential Effects Map

Interstate 10 Corridor Project
 Interstate 10 (I-10)
 San Bernardino and Los Angeles Counties
 EA 0C2500
 EFIS ID 0800000040

Index Map

07-LA-10 PM 44.9/48.3
 08-SBD-10 PM 0.0/R37.0

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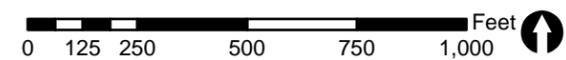
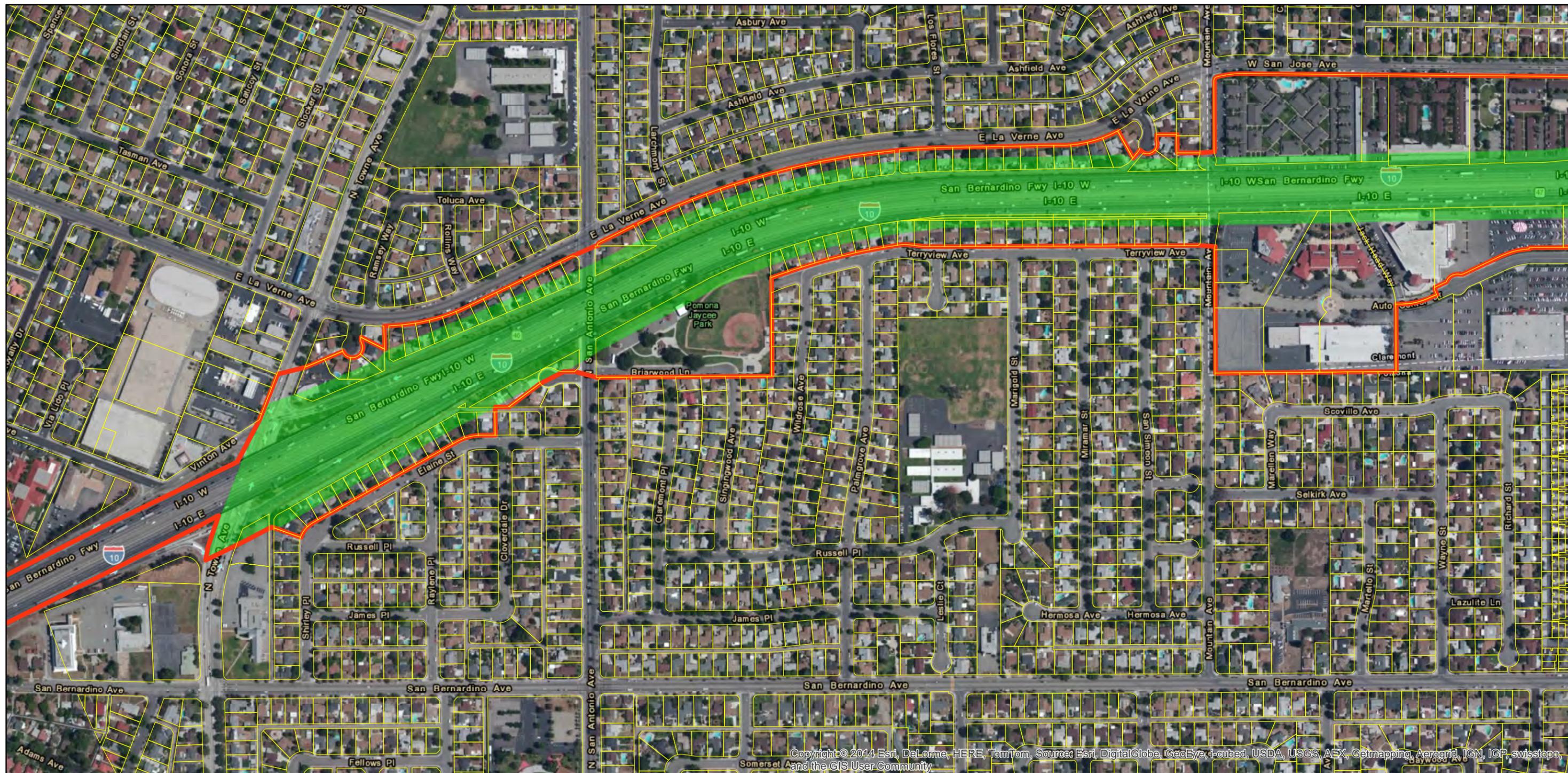


Figure 3: Area of Potential Effects Map

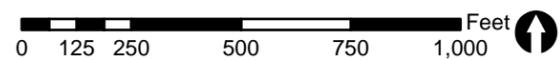
Interstate 10 Corridor Project
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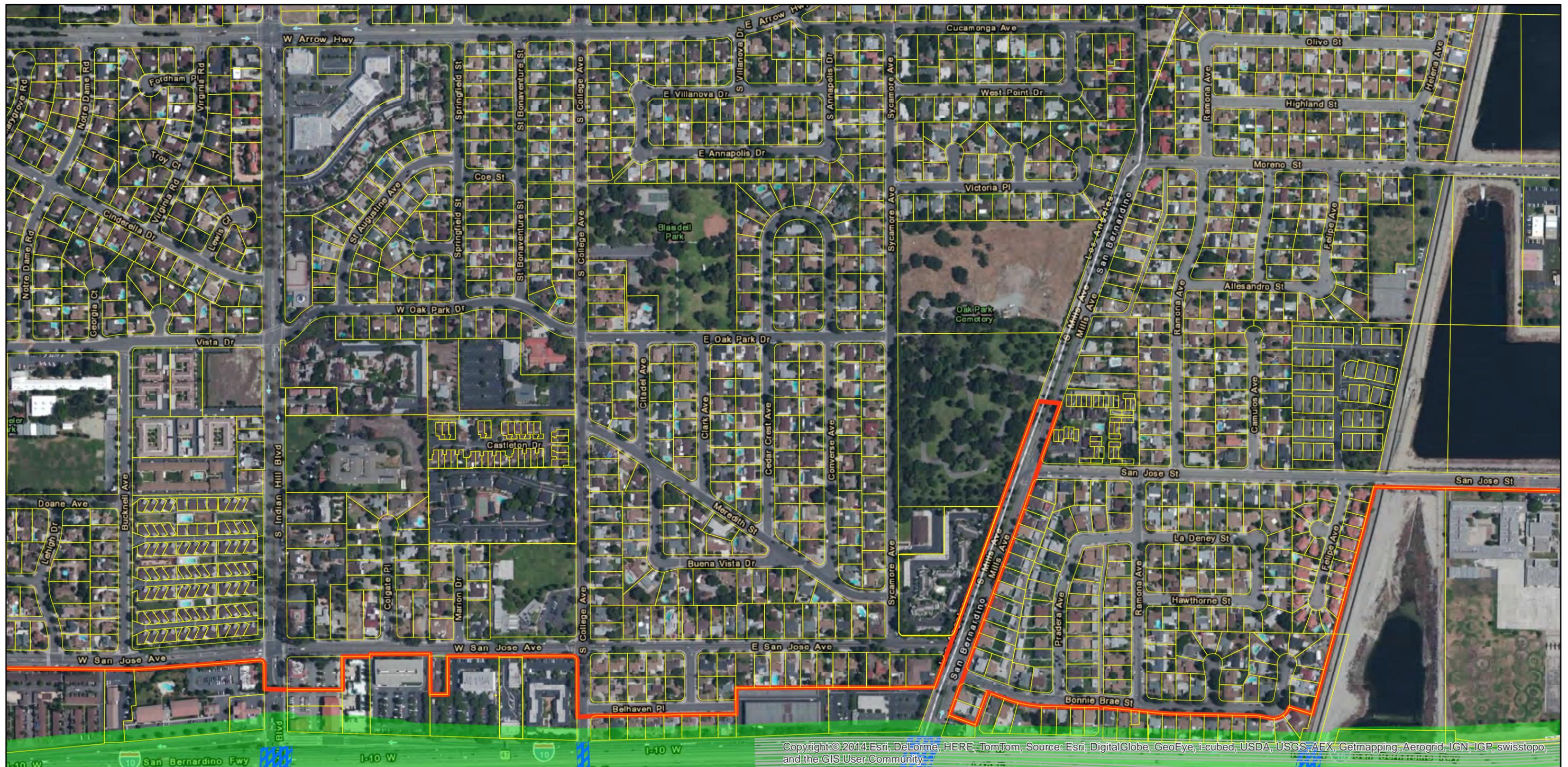
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Figure 3: Area of Potential Effects Map

Interstate 10 Corridor Project
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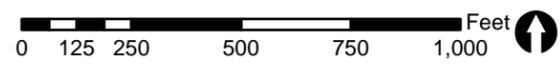
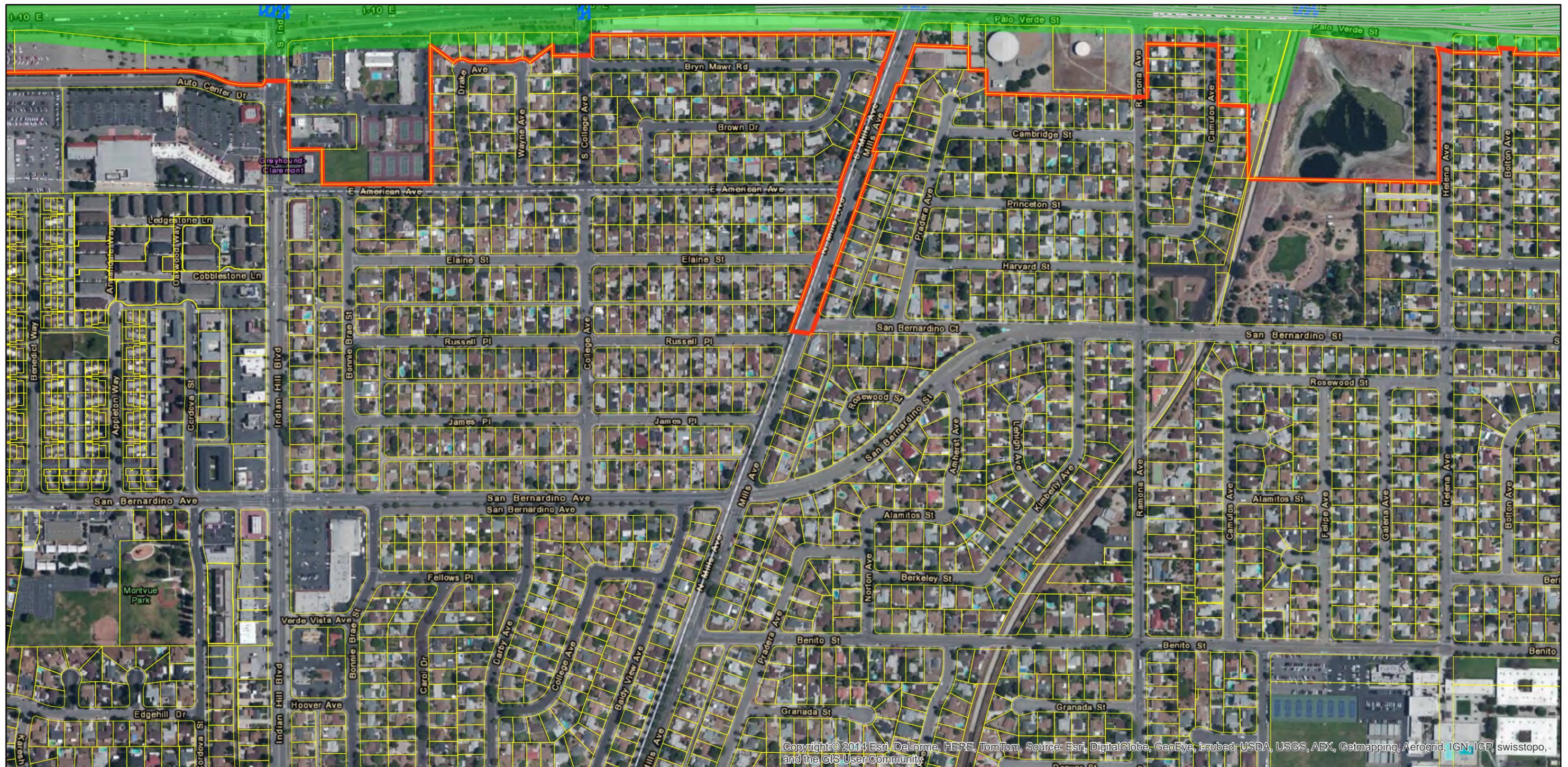


Figure 3: Area of Potential Effects Map

Interstate 10 Corridor Project
 Interstate 10 (I-10)
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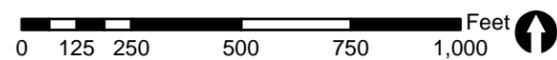
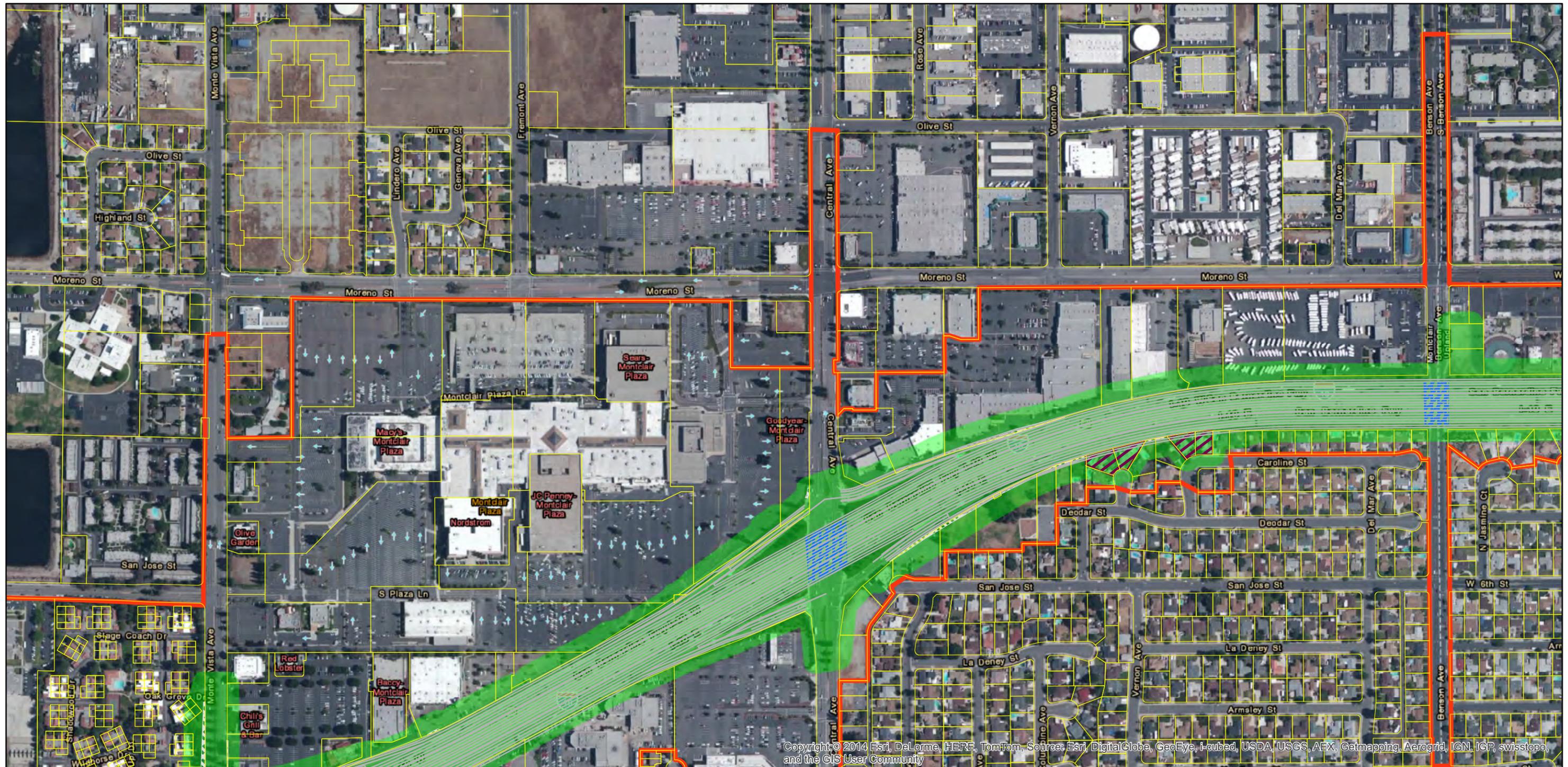


Figure 3: Area of Potential Effects Map

Interstate 10 Corridor Project
 Interstate 10 (I-10)
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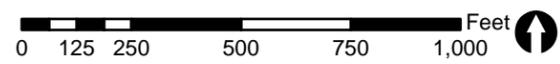
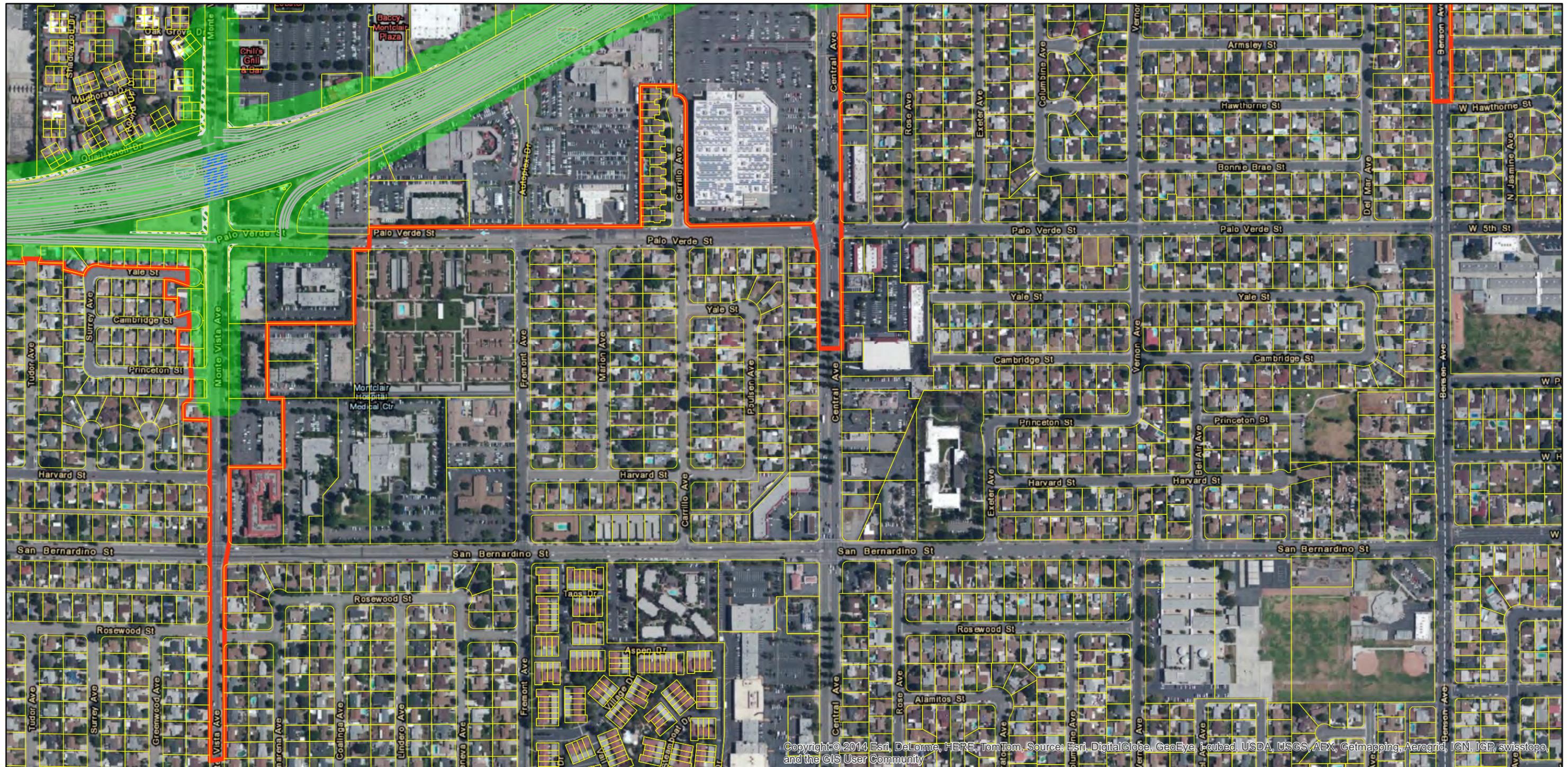


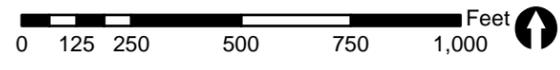
Figure 3: Area of Potential Effects Map
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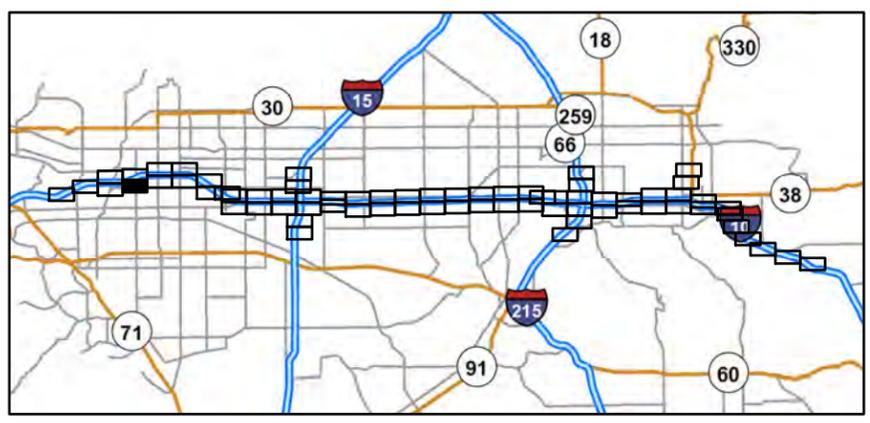
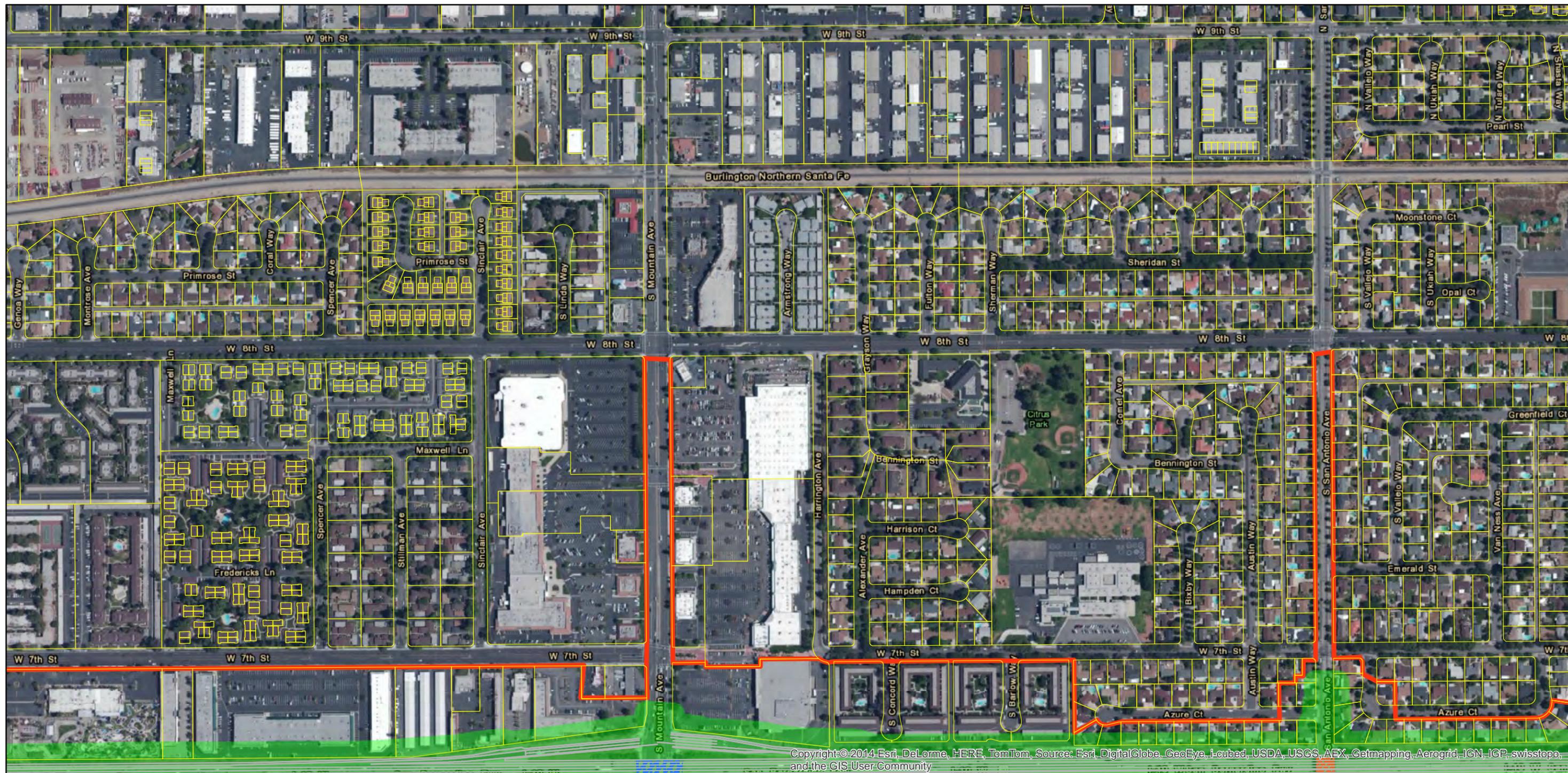


Figure 3: Area of Potential Effects Map
 Interstate 10 Corridor Project
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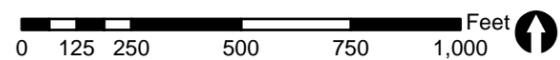
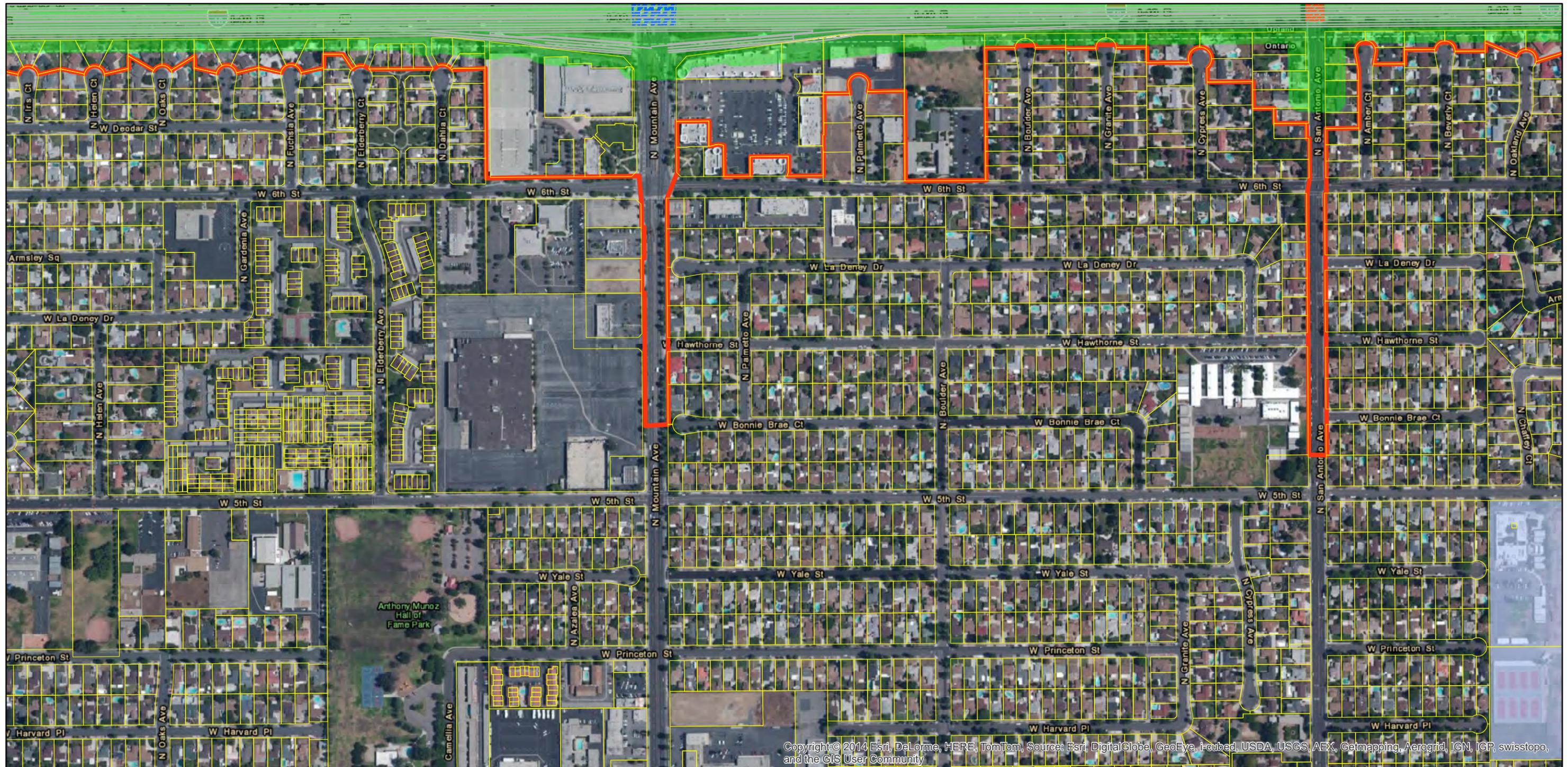


Figure 3: Area of Potential Effects Map

Interstate 10 Corridor Project
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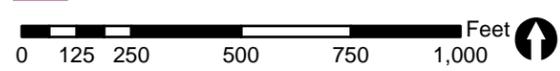
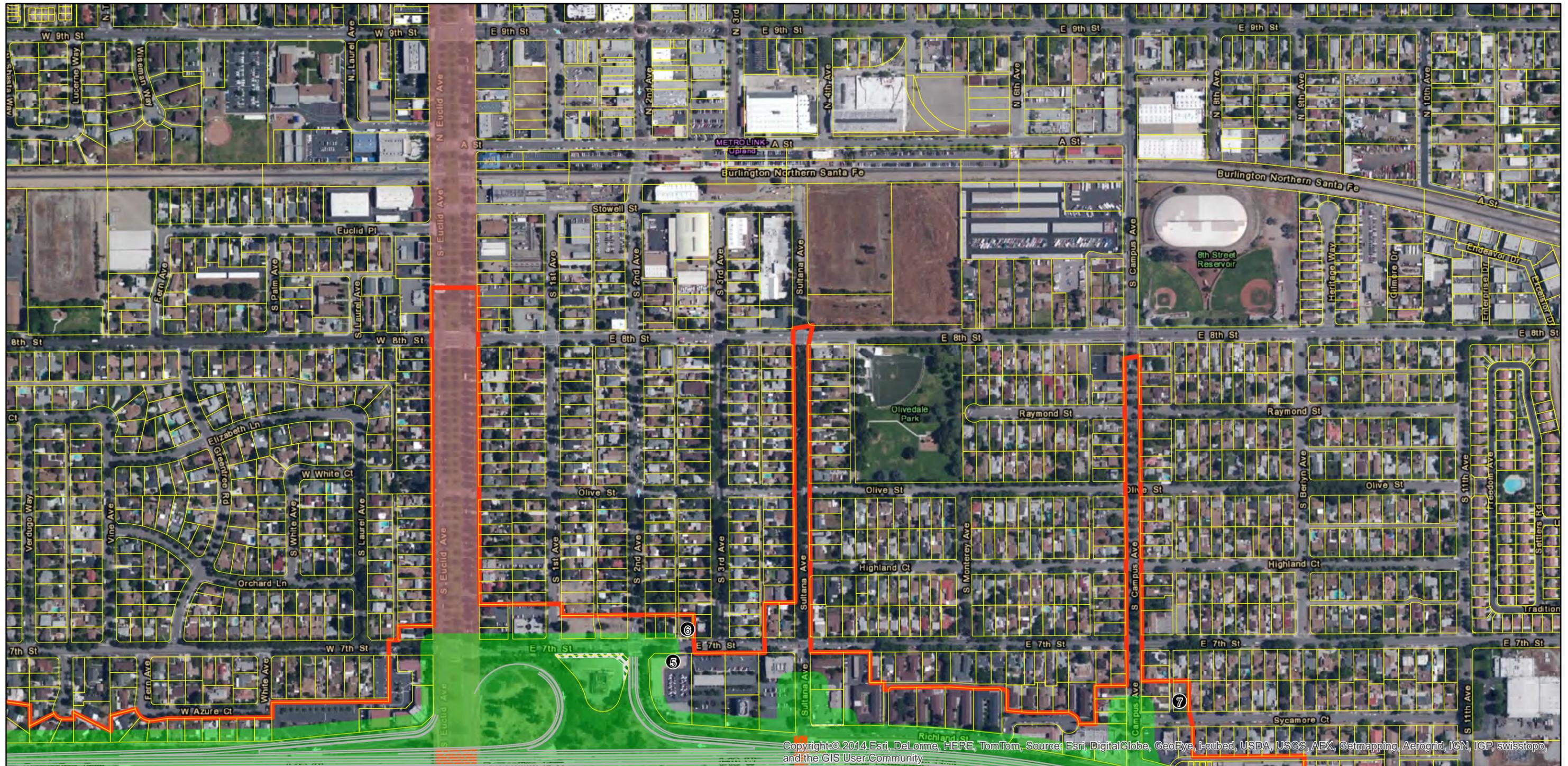


Figure 3: Area of Potential Effects Map
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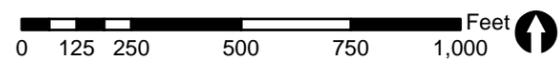
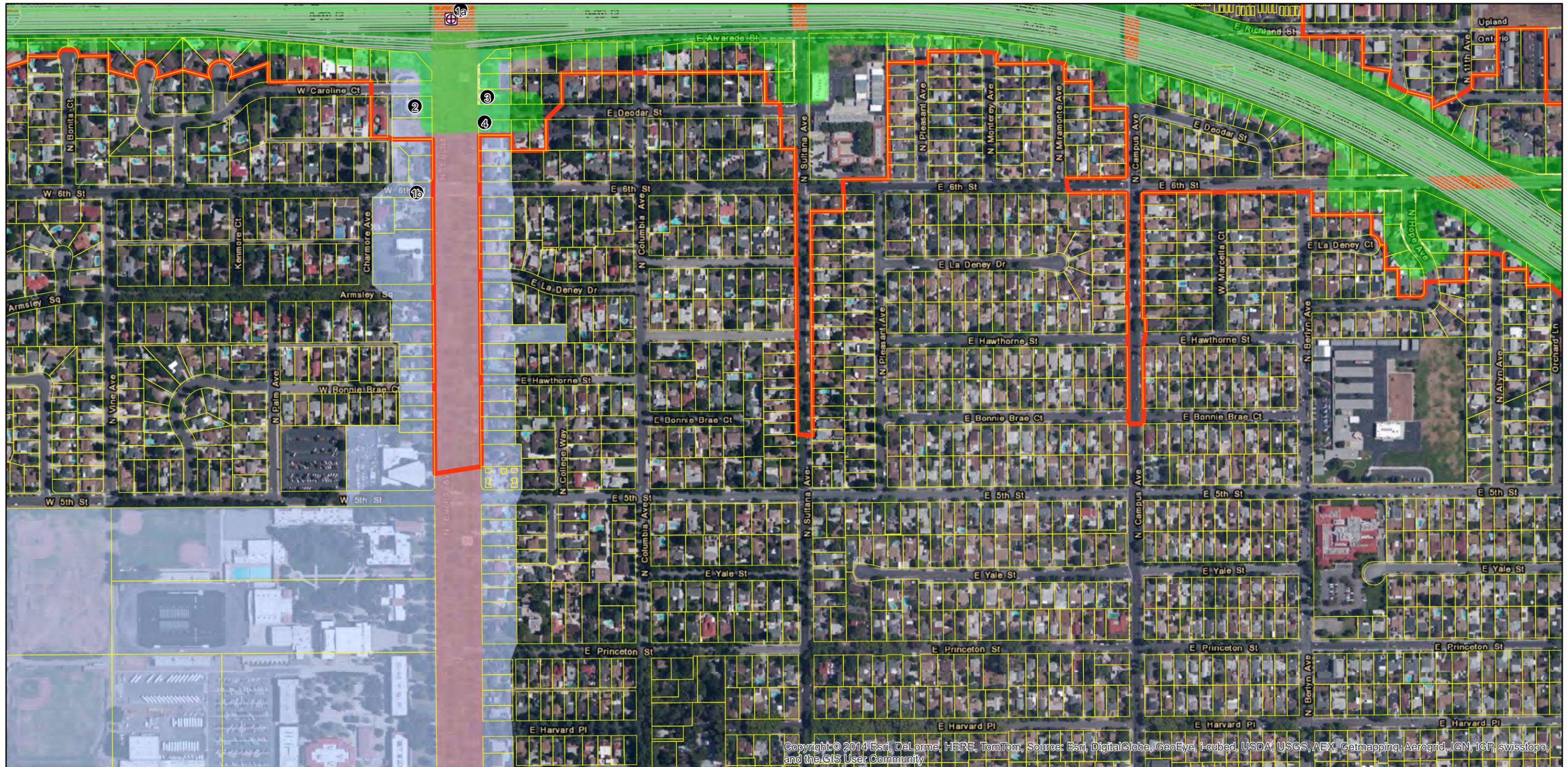


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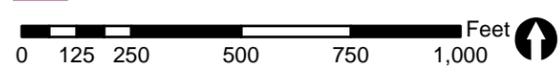
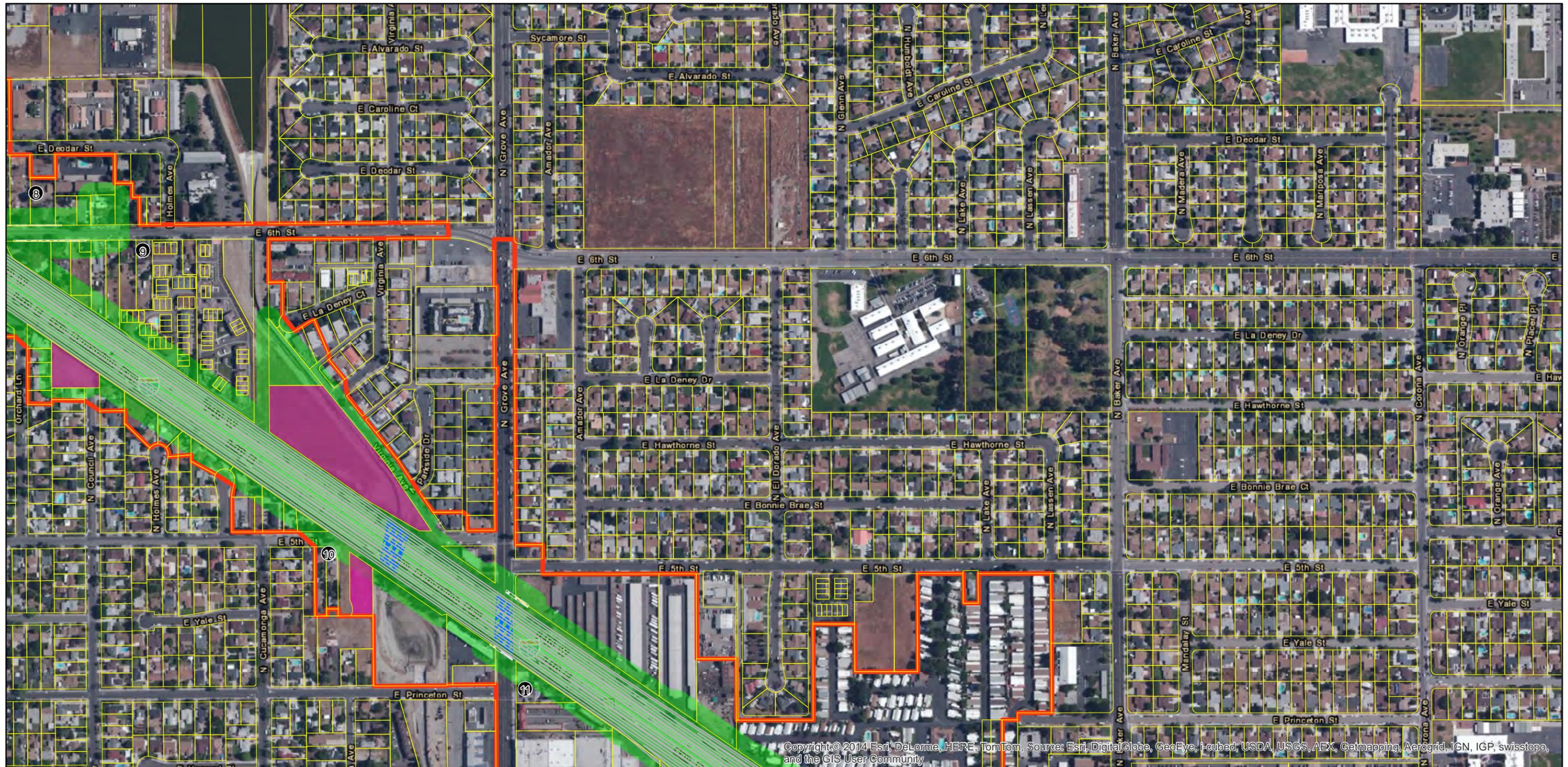


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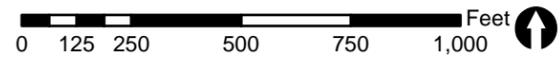
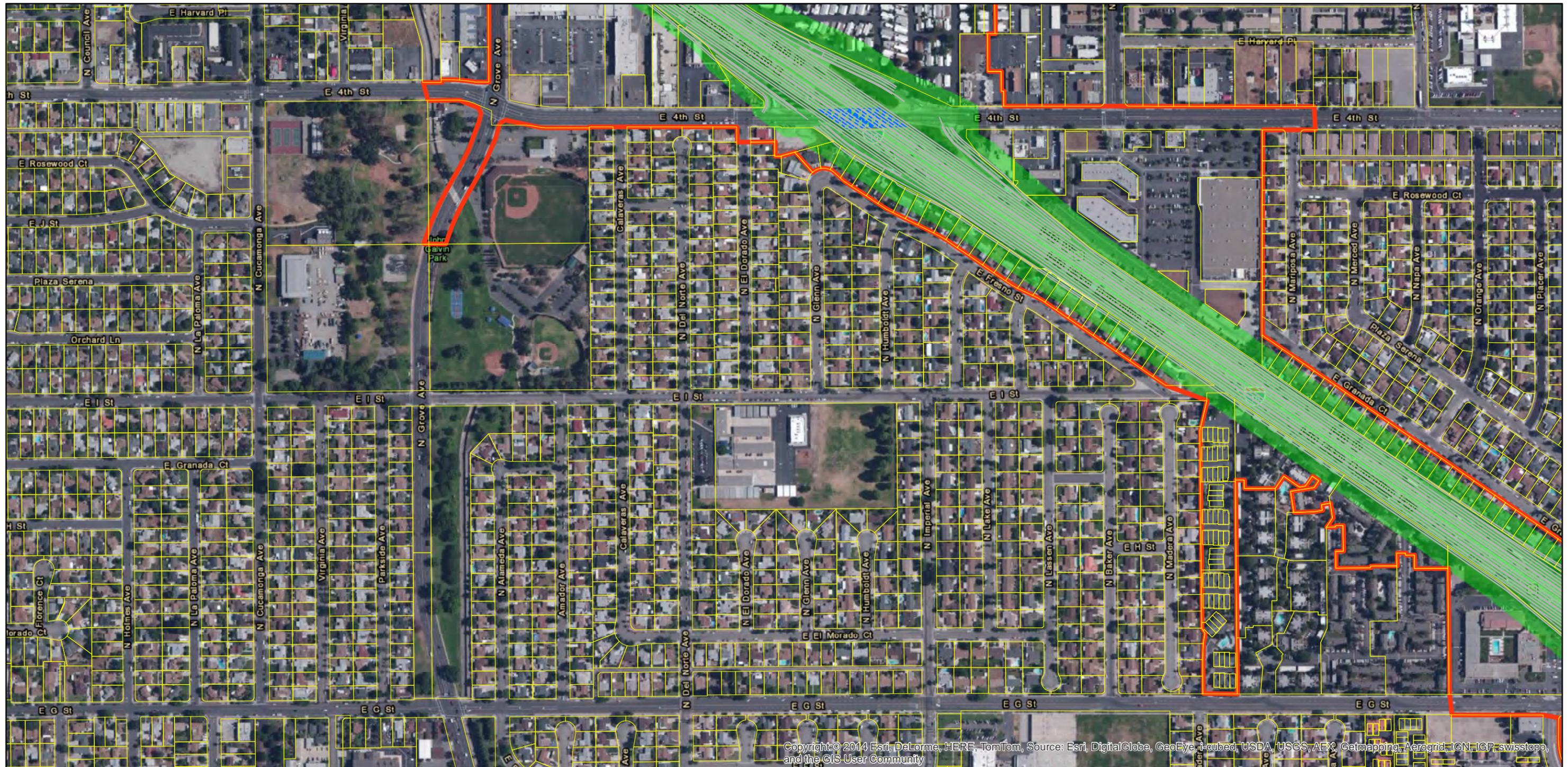


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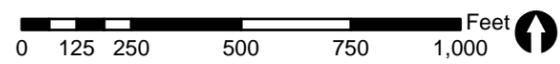
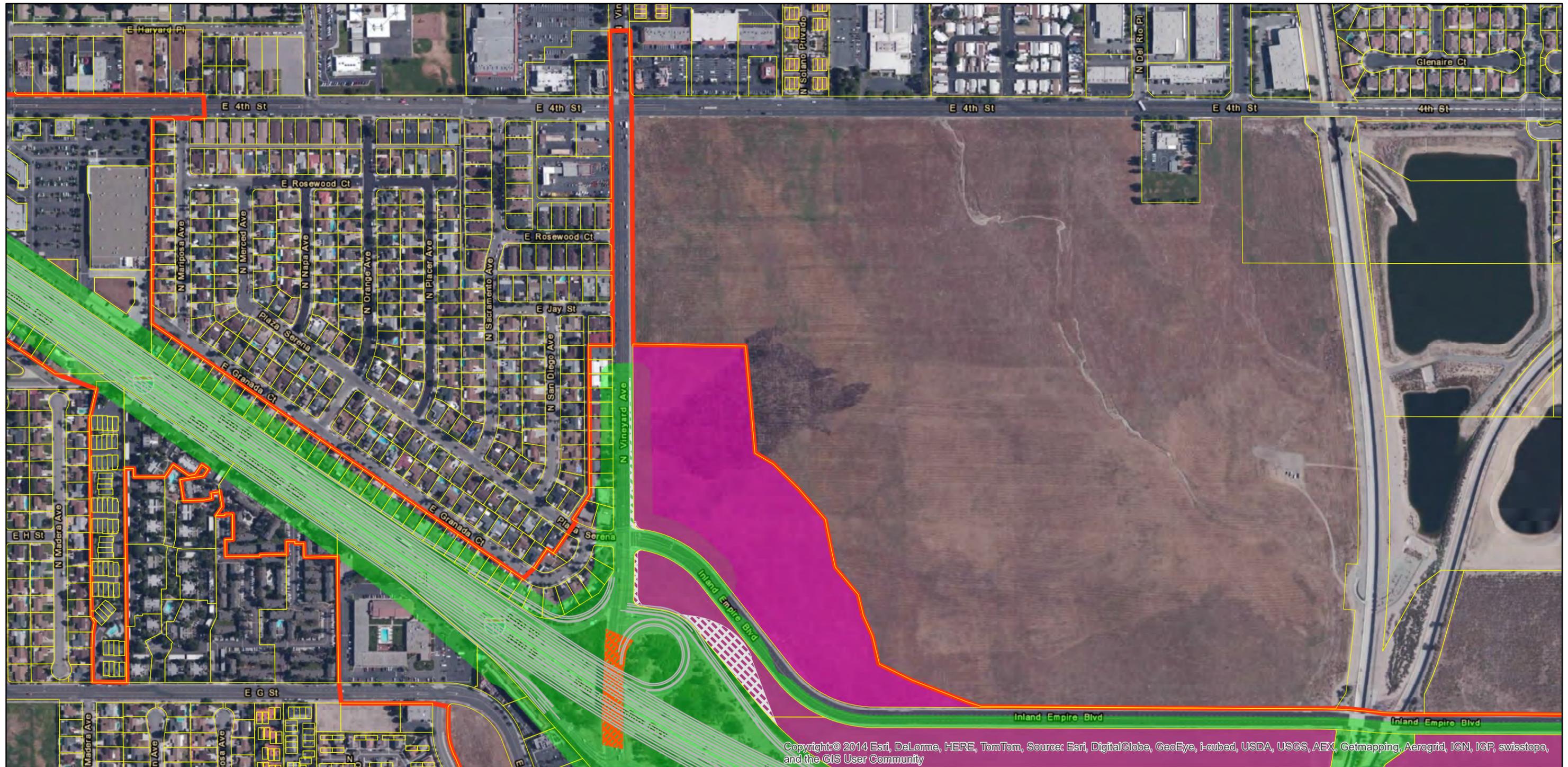


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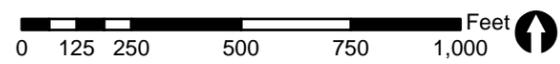
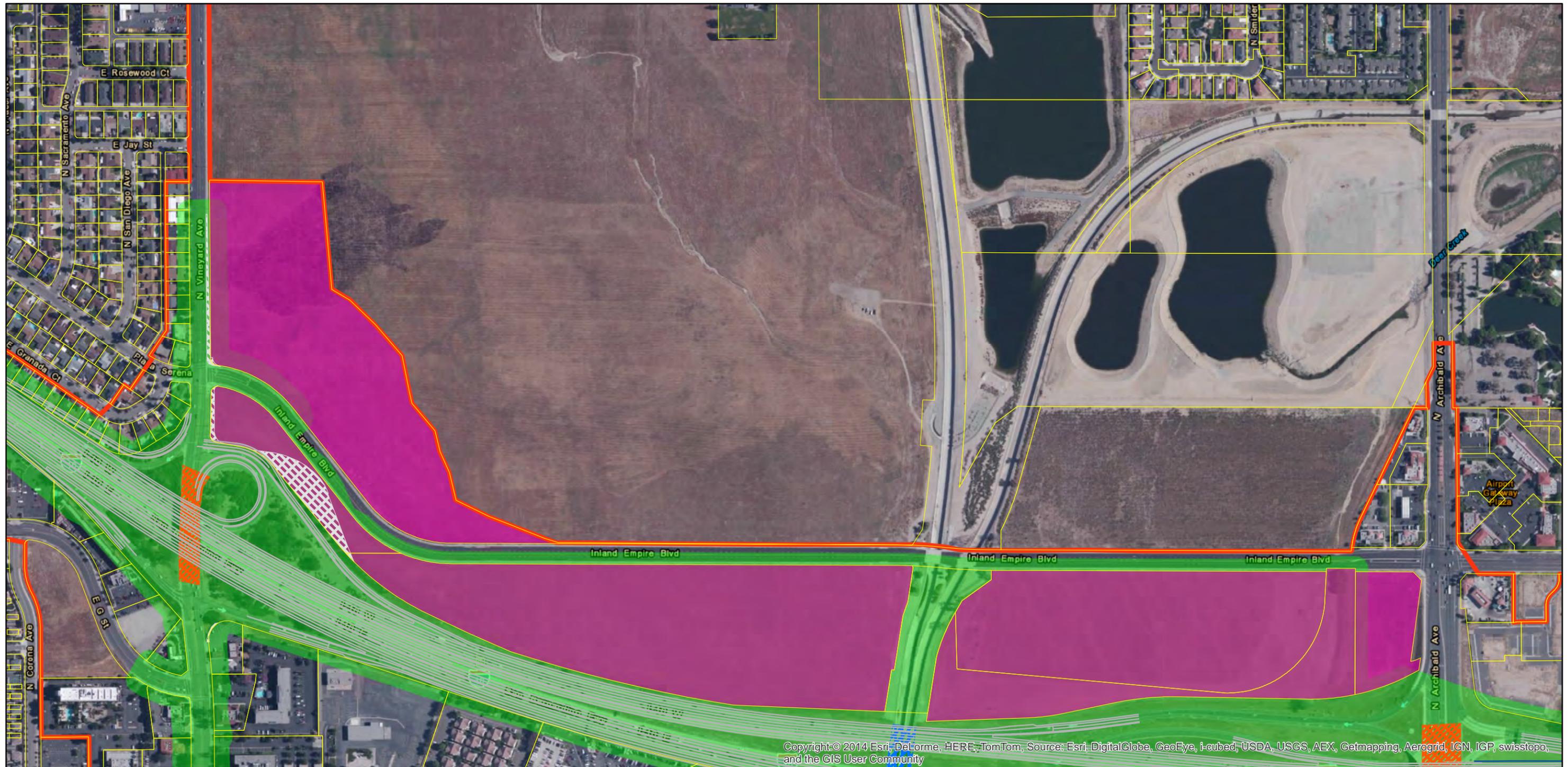


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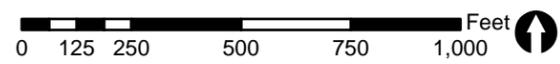
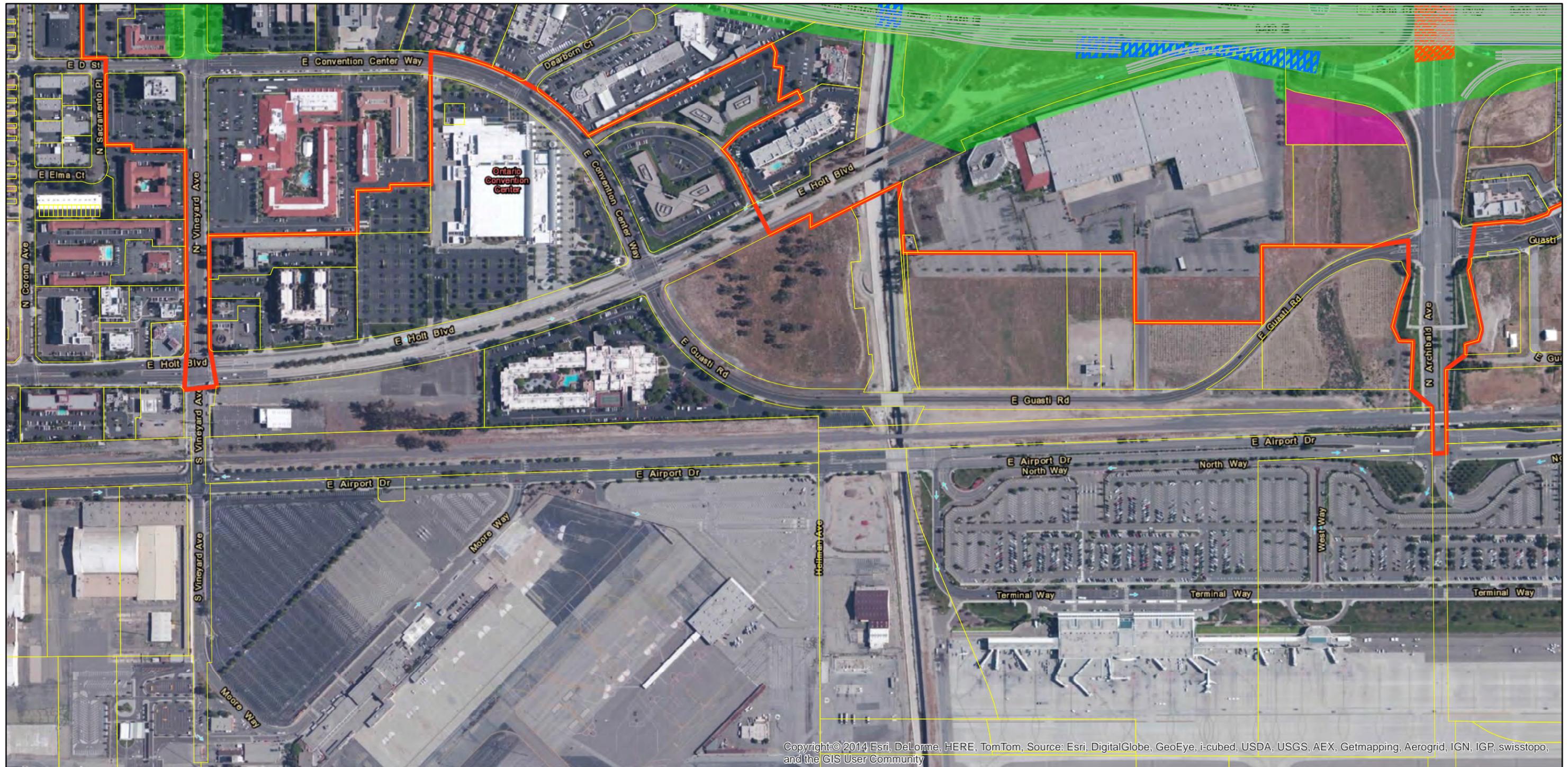


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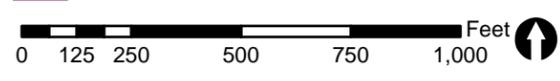
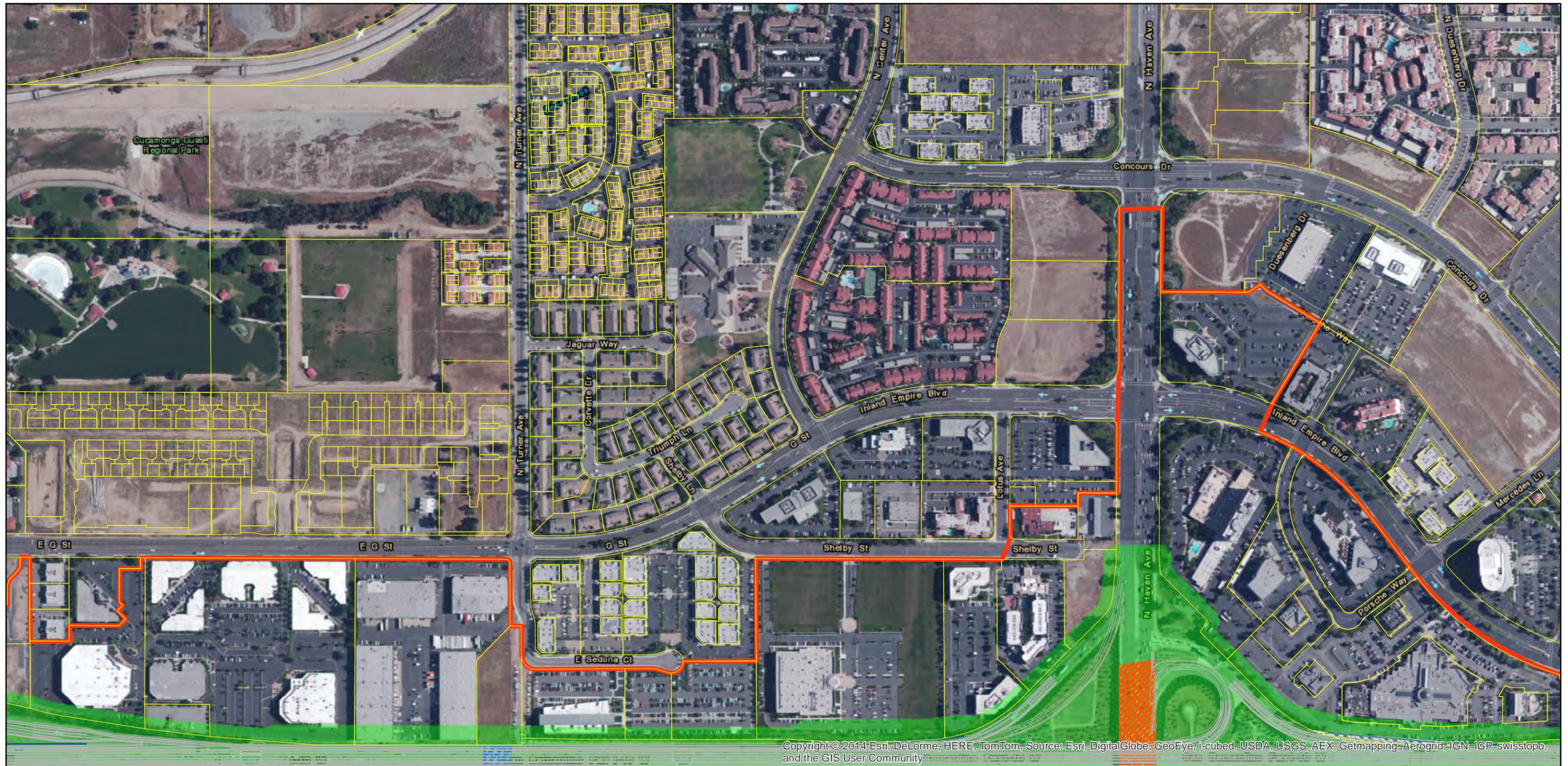


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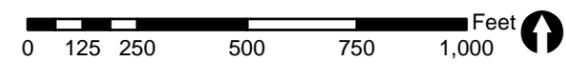
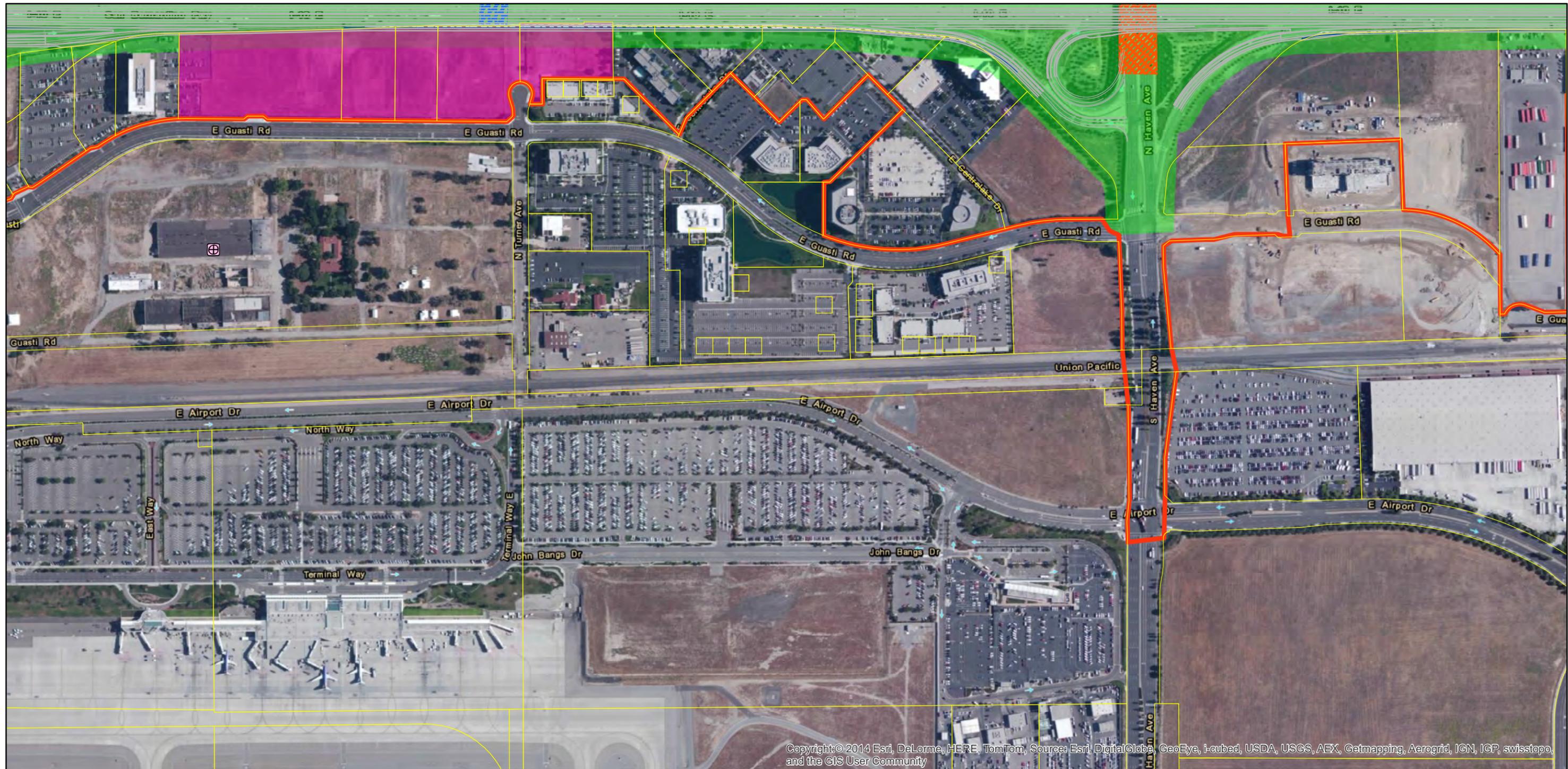


Figure 3: Area of Potential Effects Map

Interstate 10 Corridor Project
 Interstate 10 (I-10)
 San Bernardino and Los Angeles Counties
 EA 0C2500
 EFIS ID 080000040

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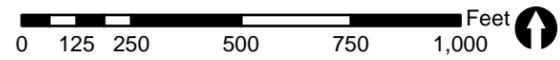


Figure 3: Area of Potential Effects Map
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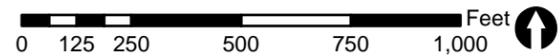
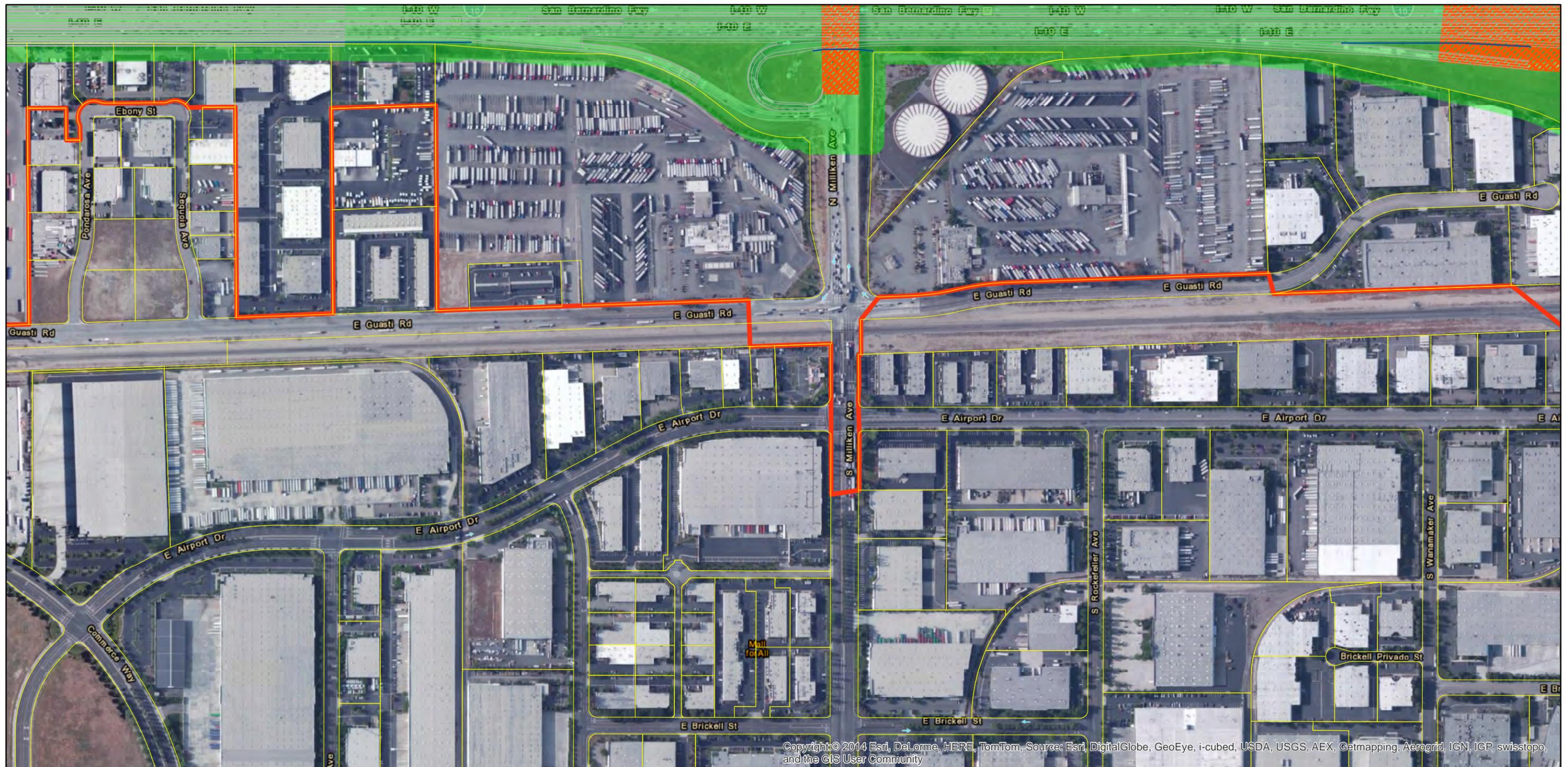


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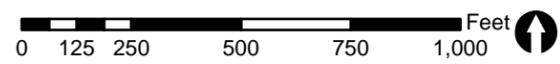
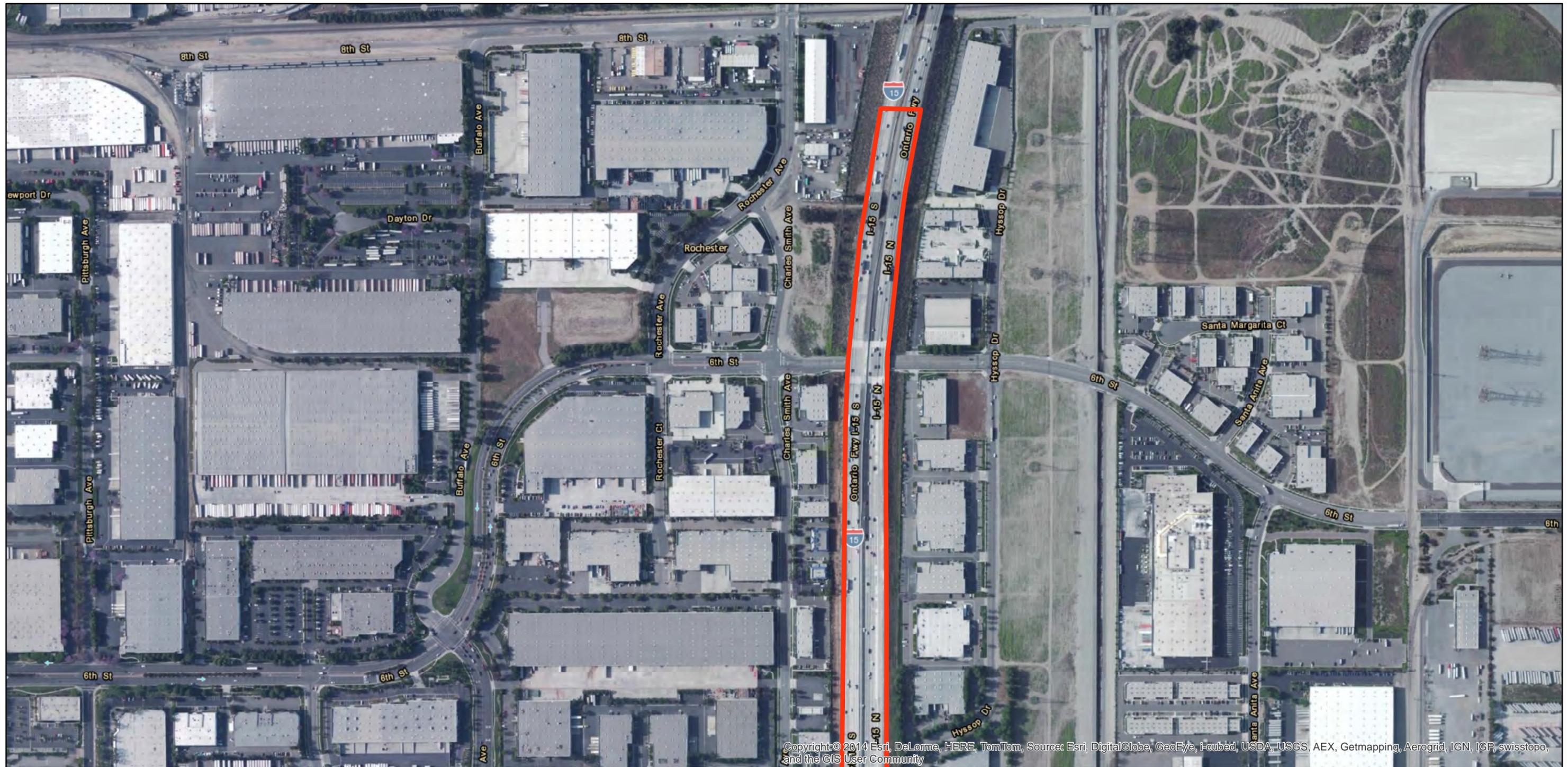


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Interstate 10 Corridor Project
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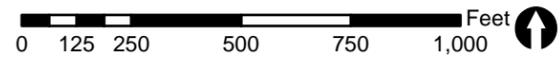
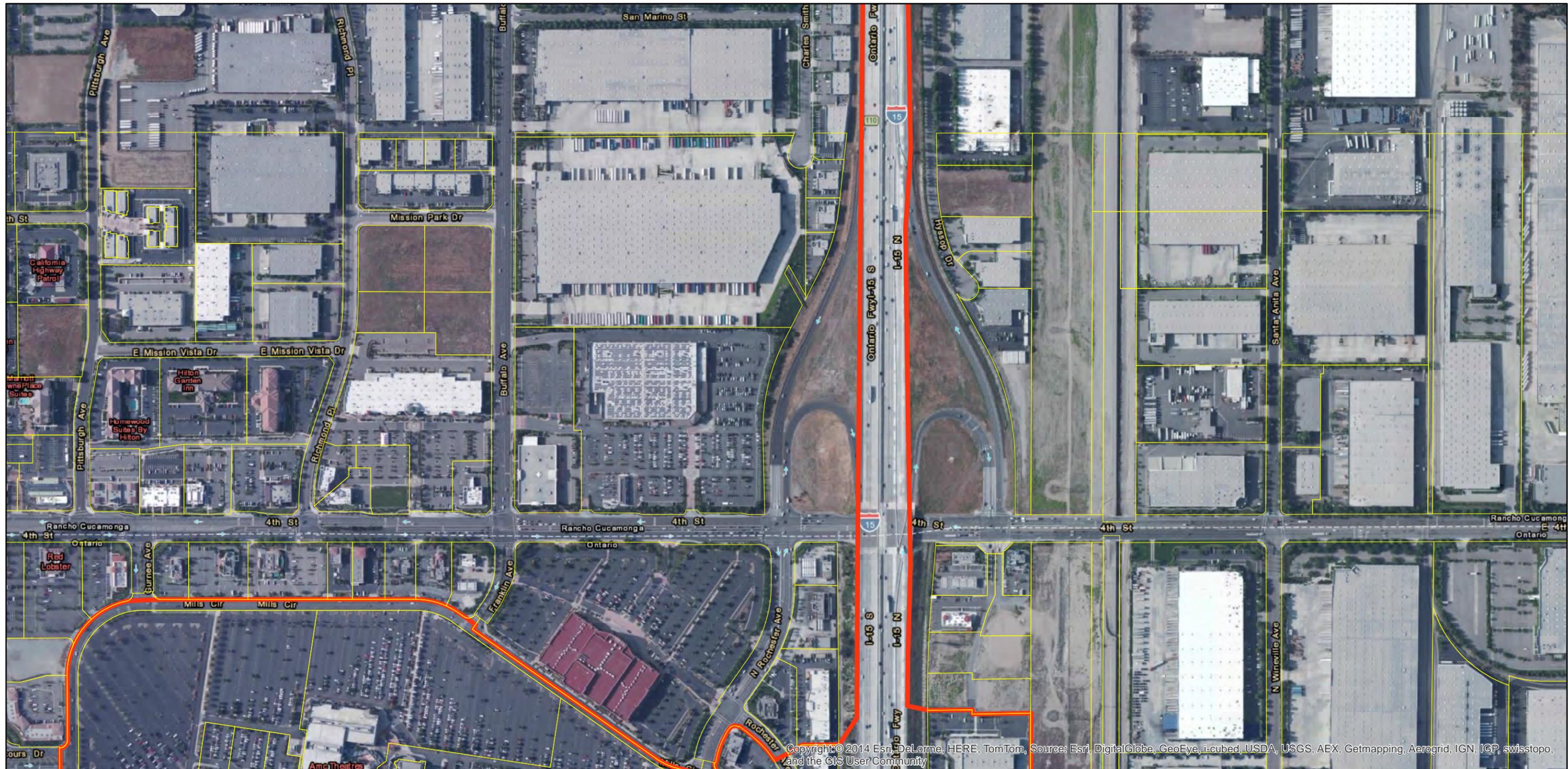


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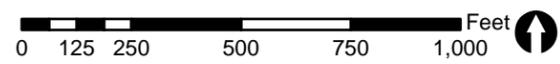
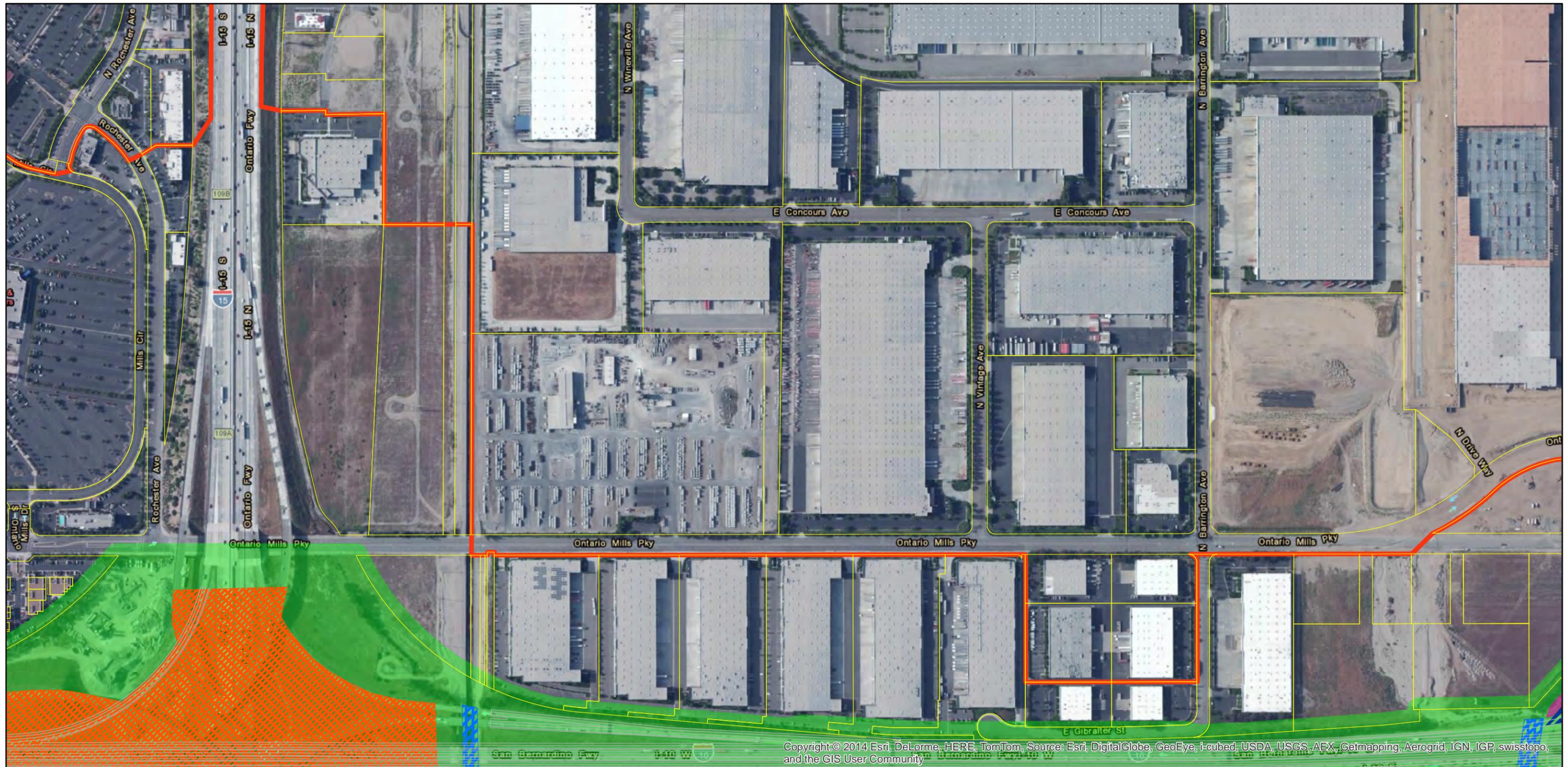


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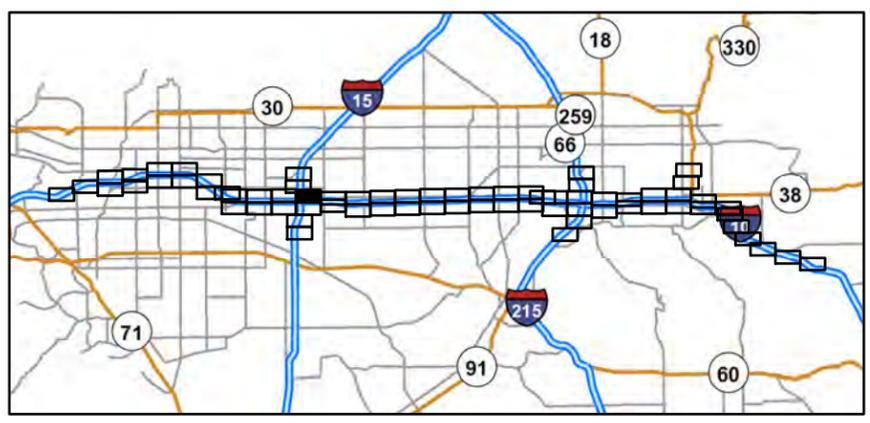
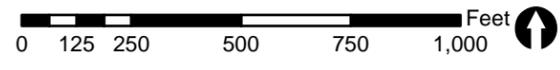
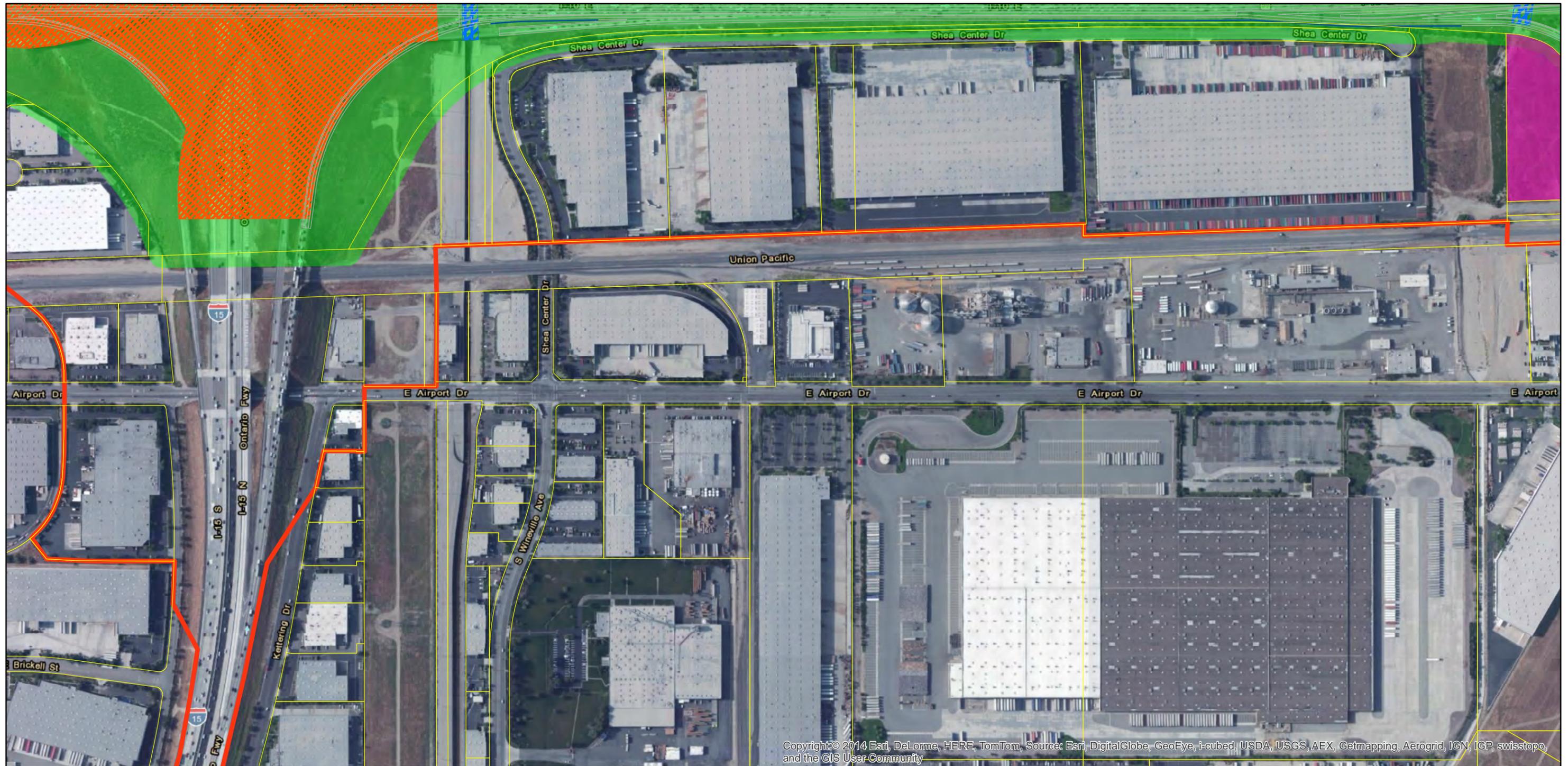


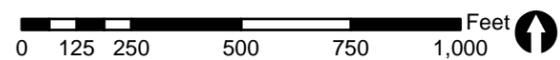
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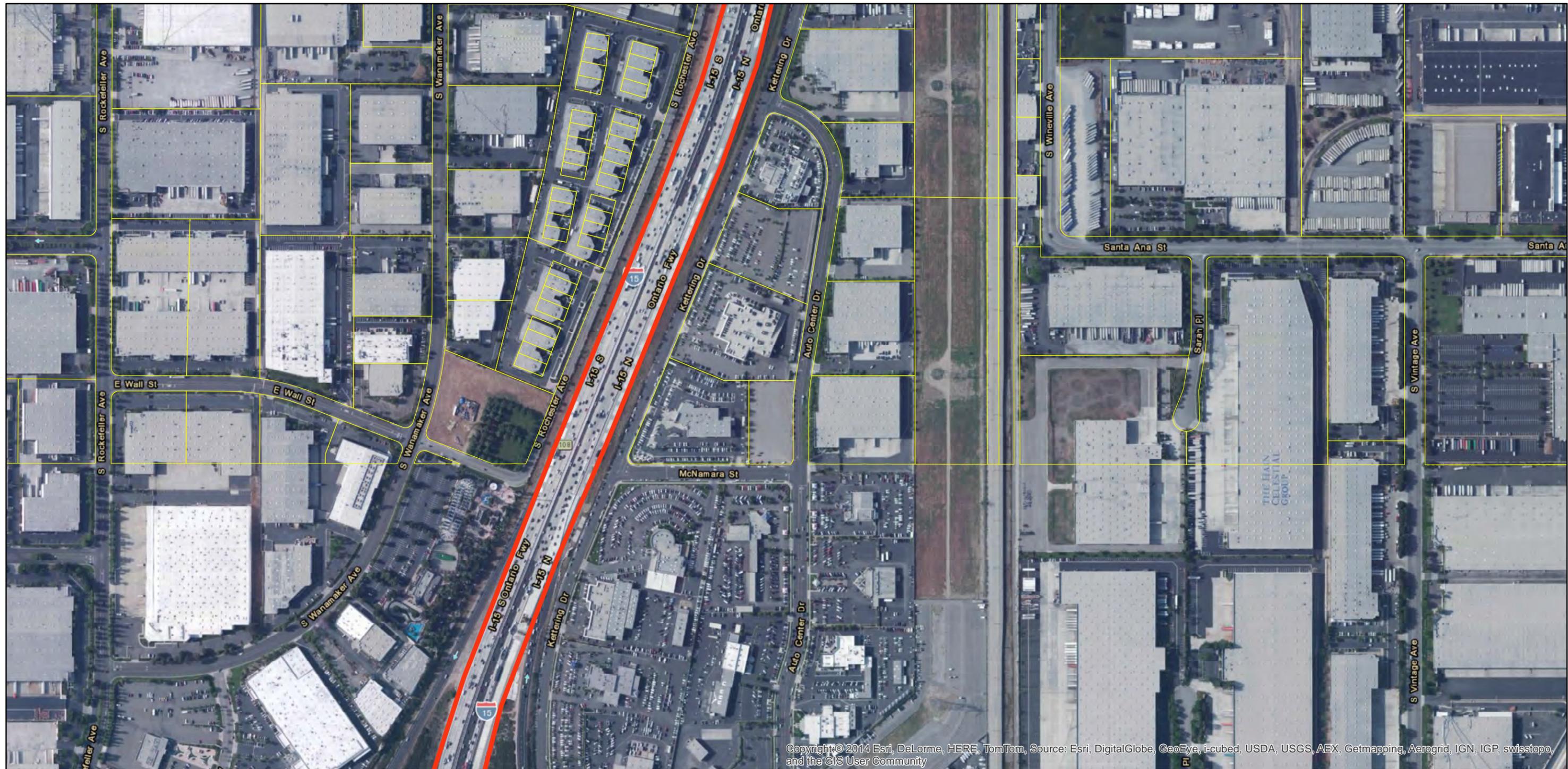


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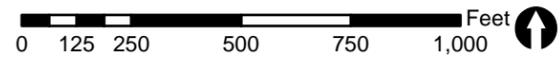
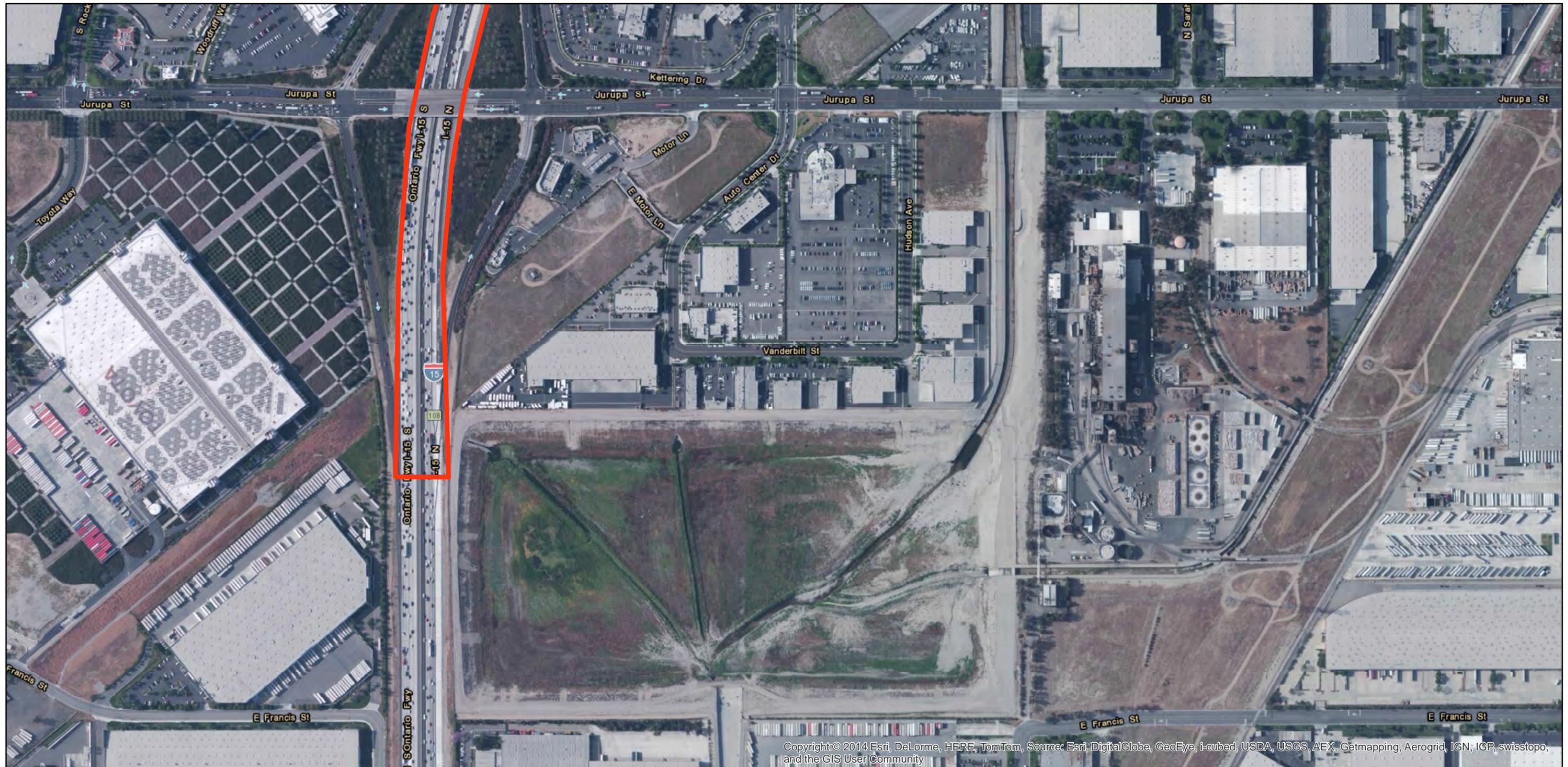


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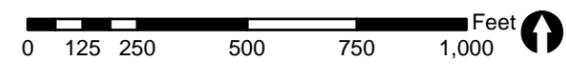
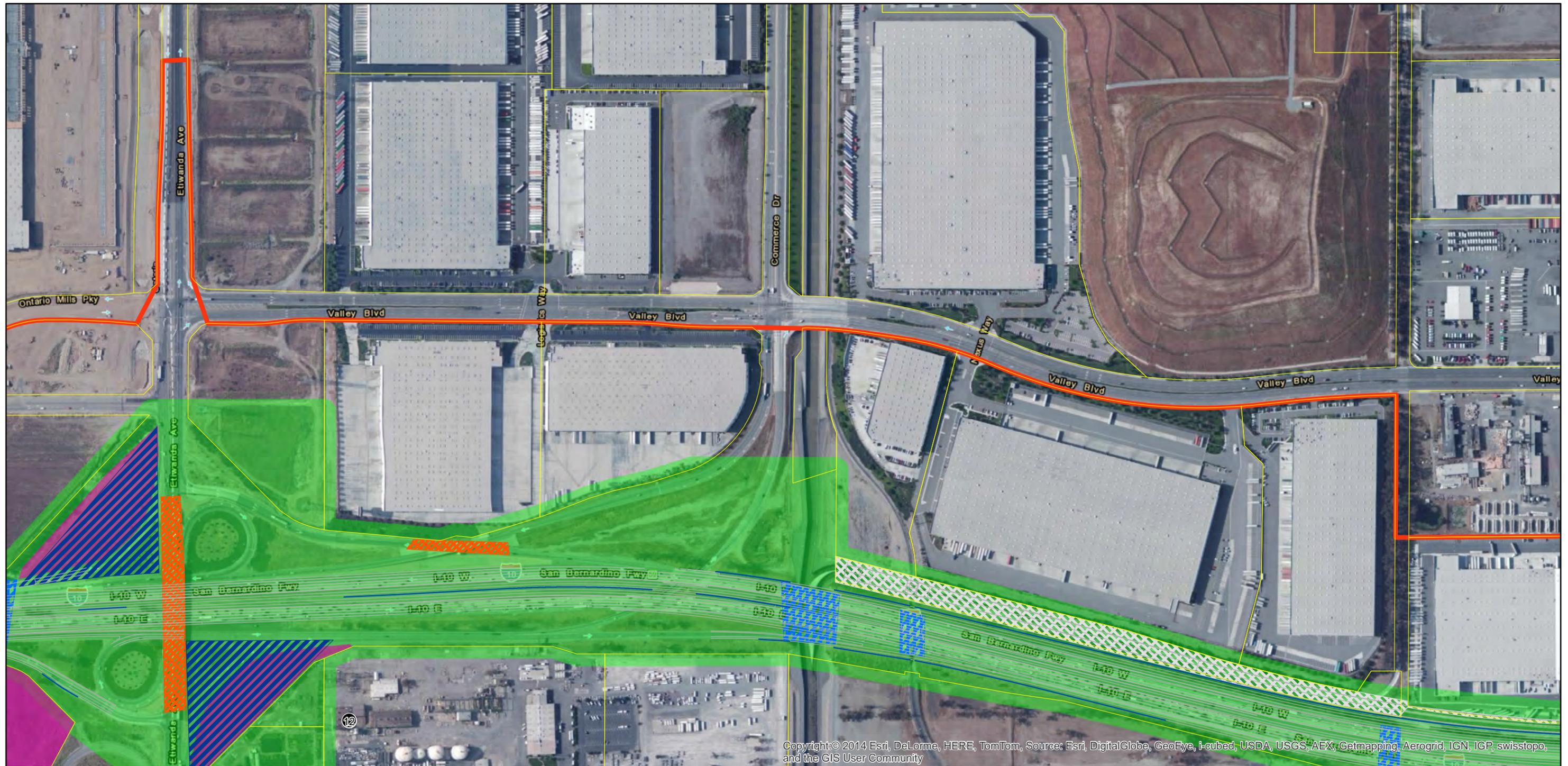


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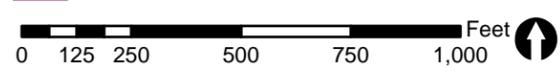
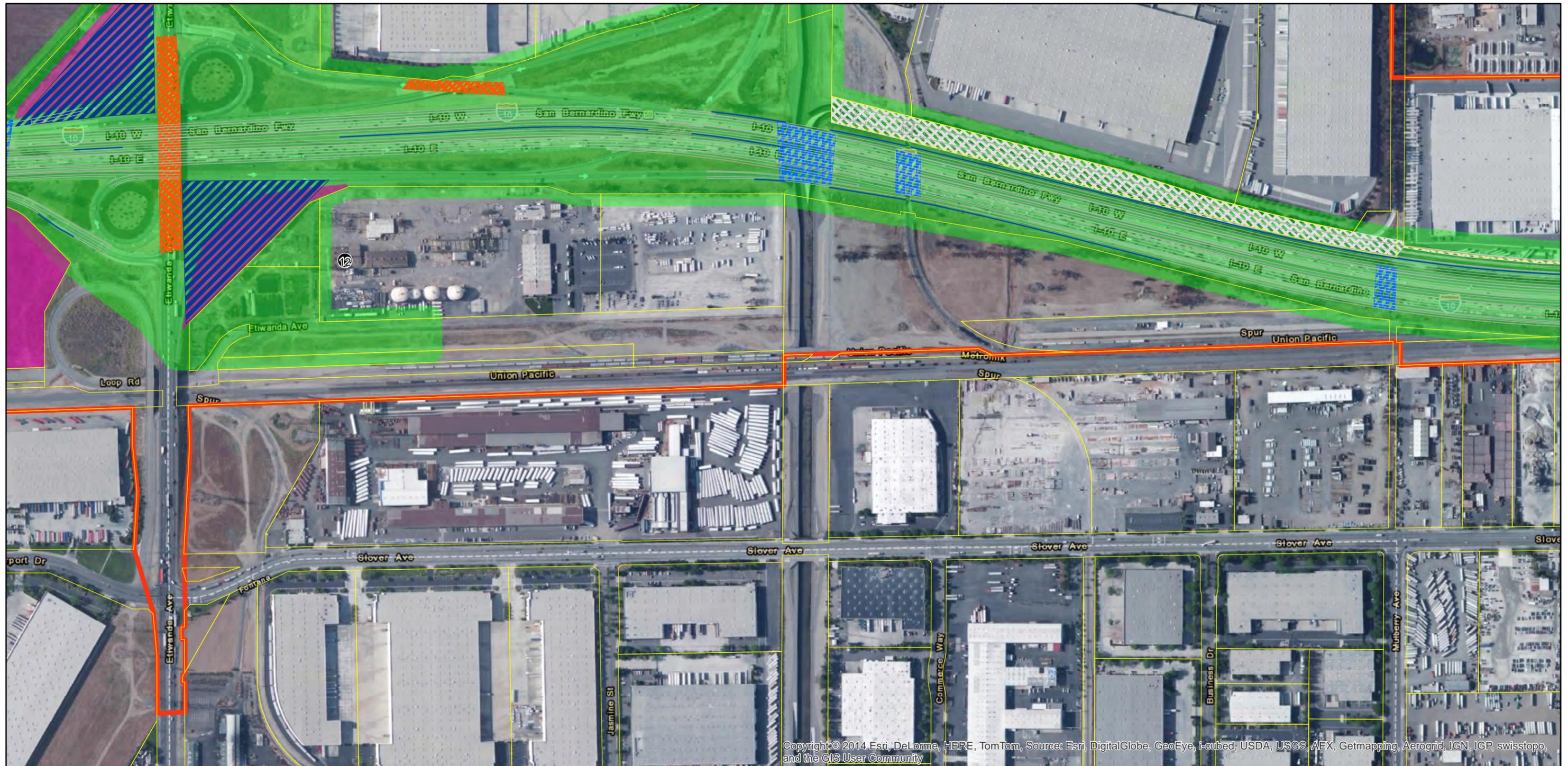


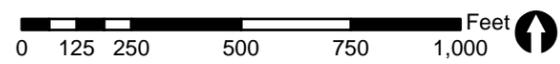
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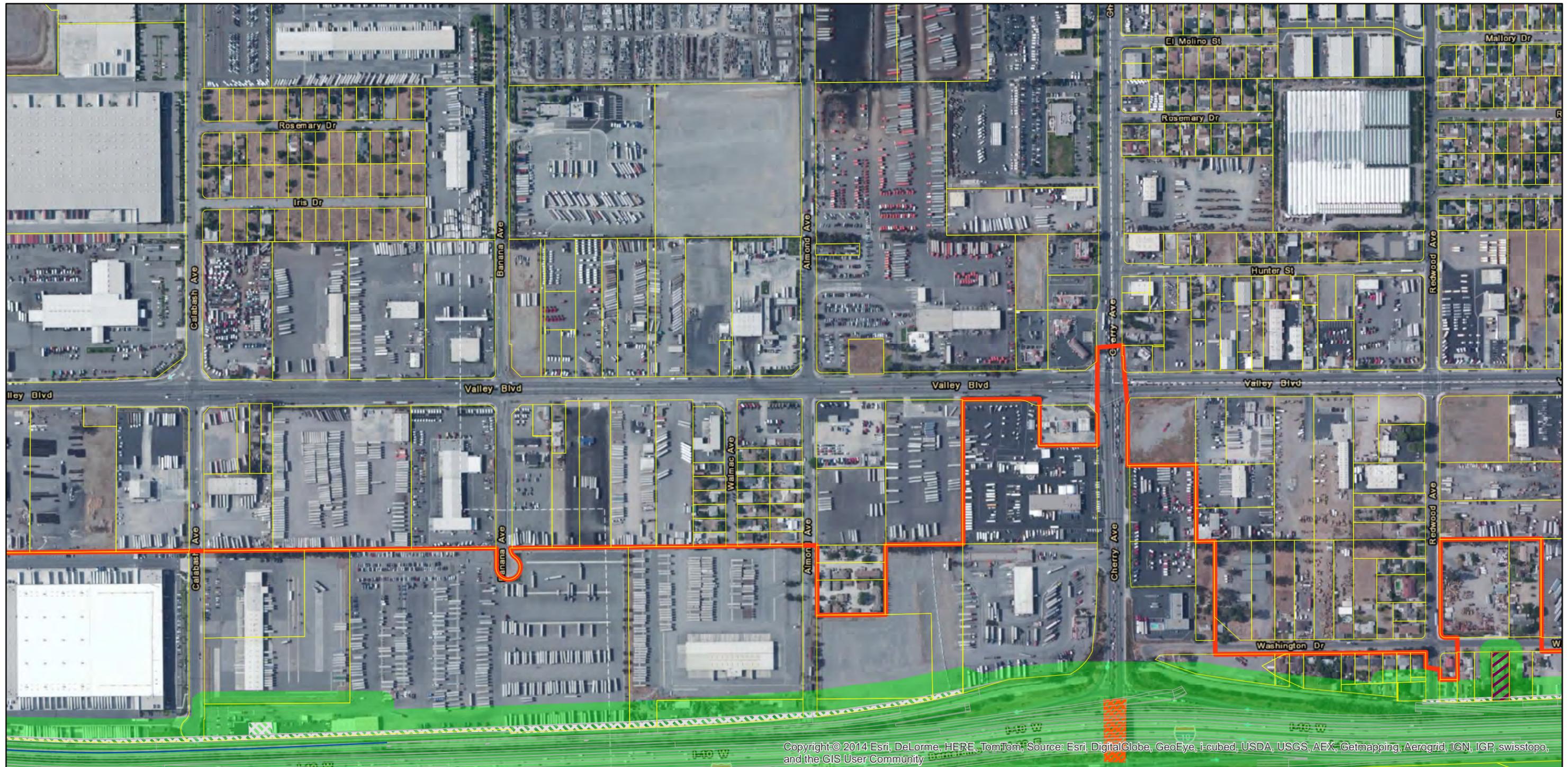


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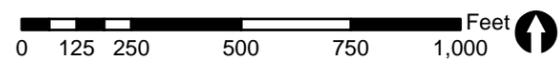
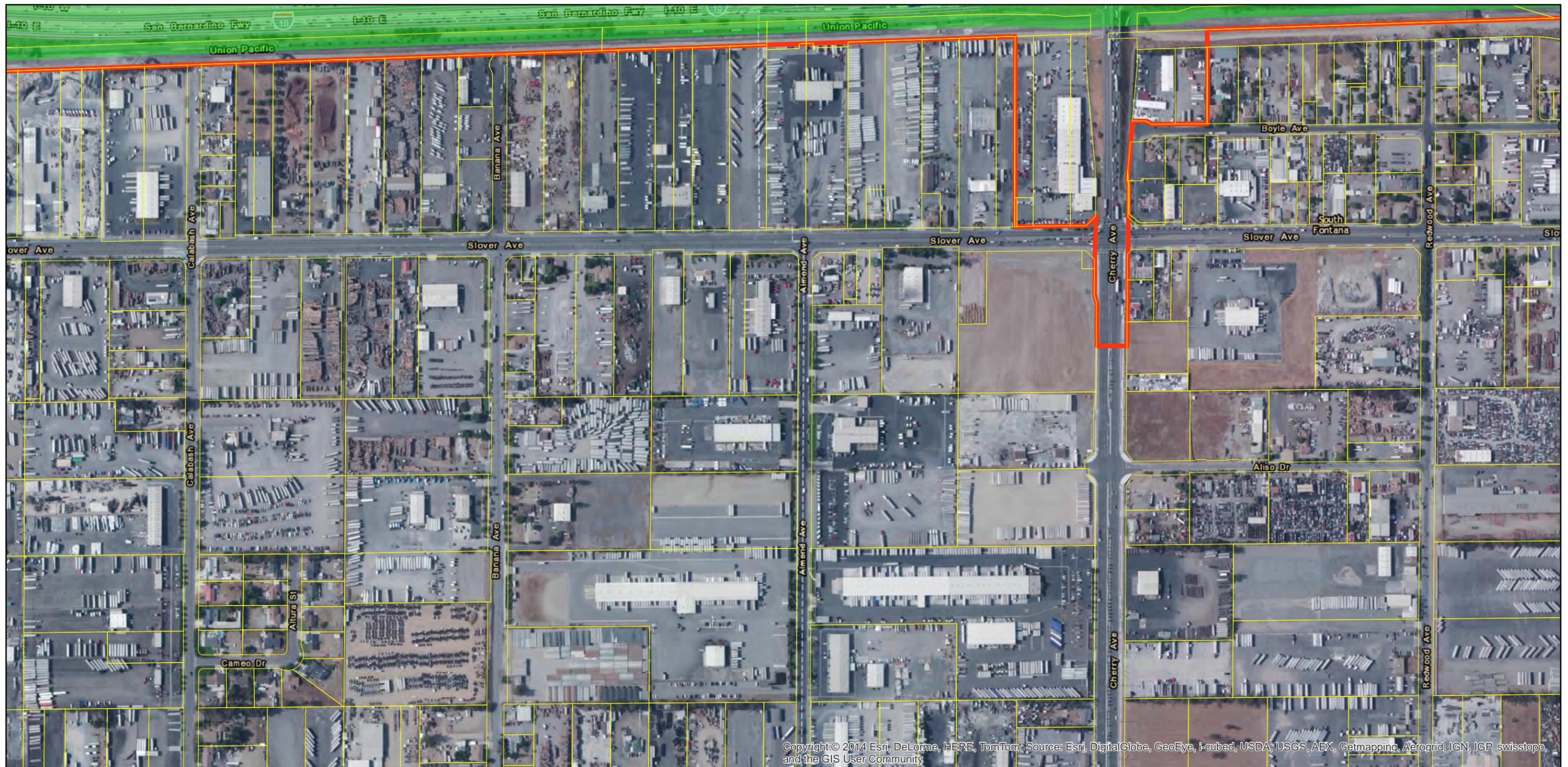


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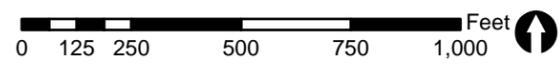
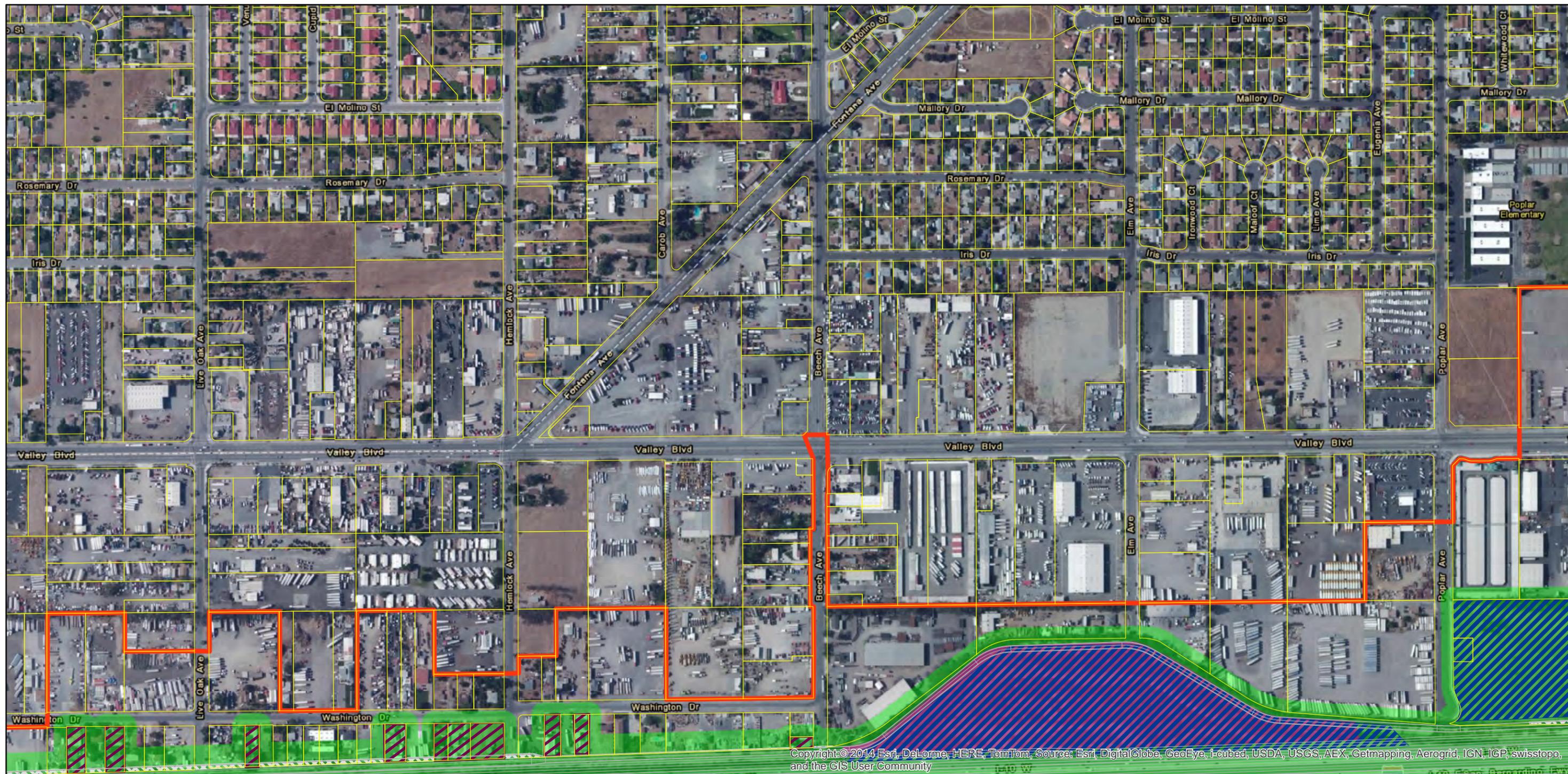


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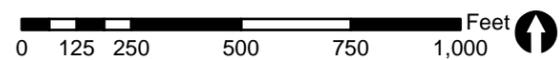
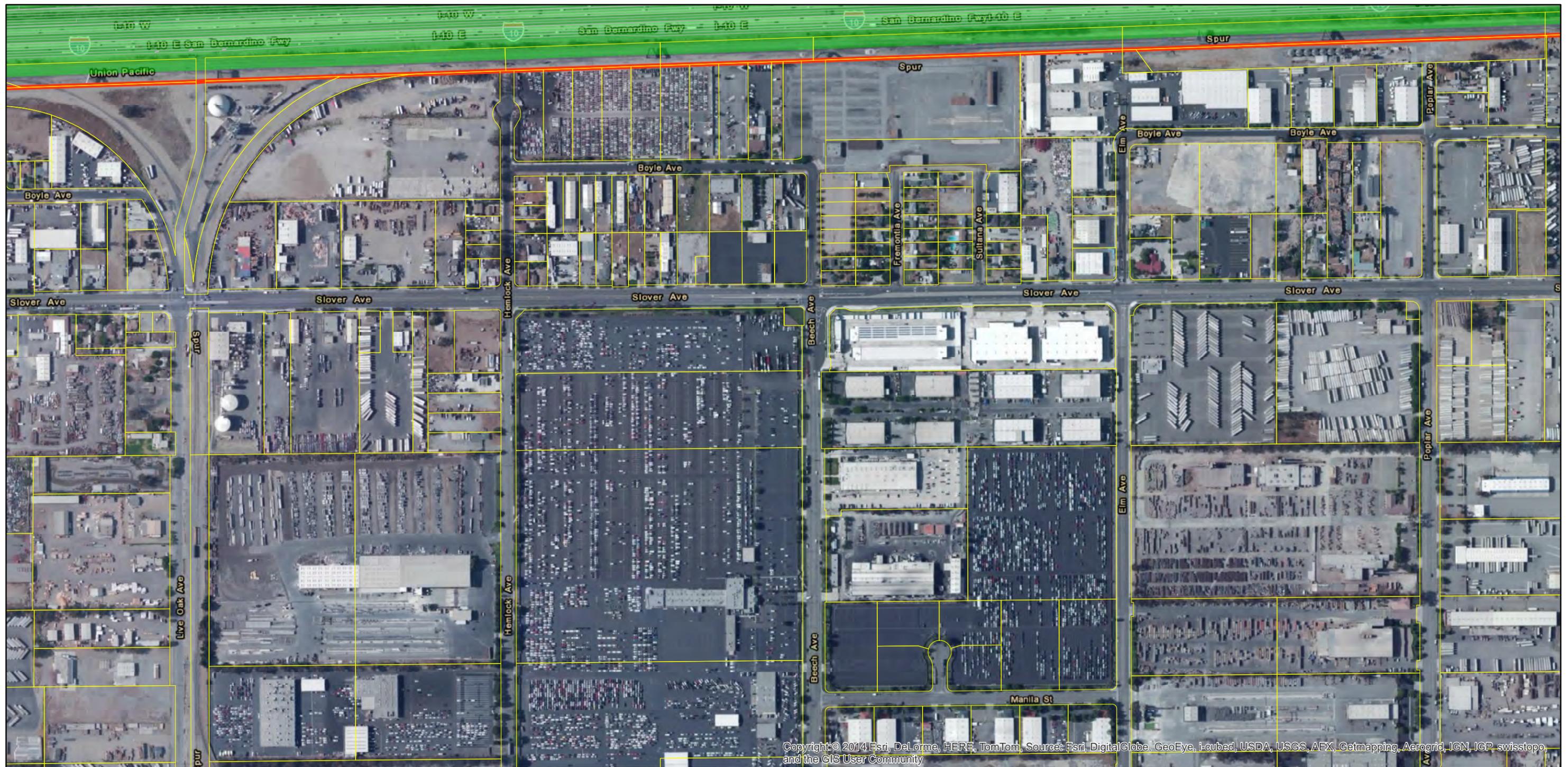


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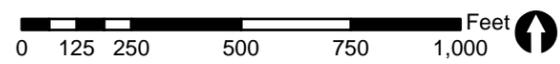
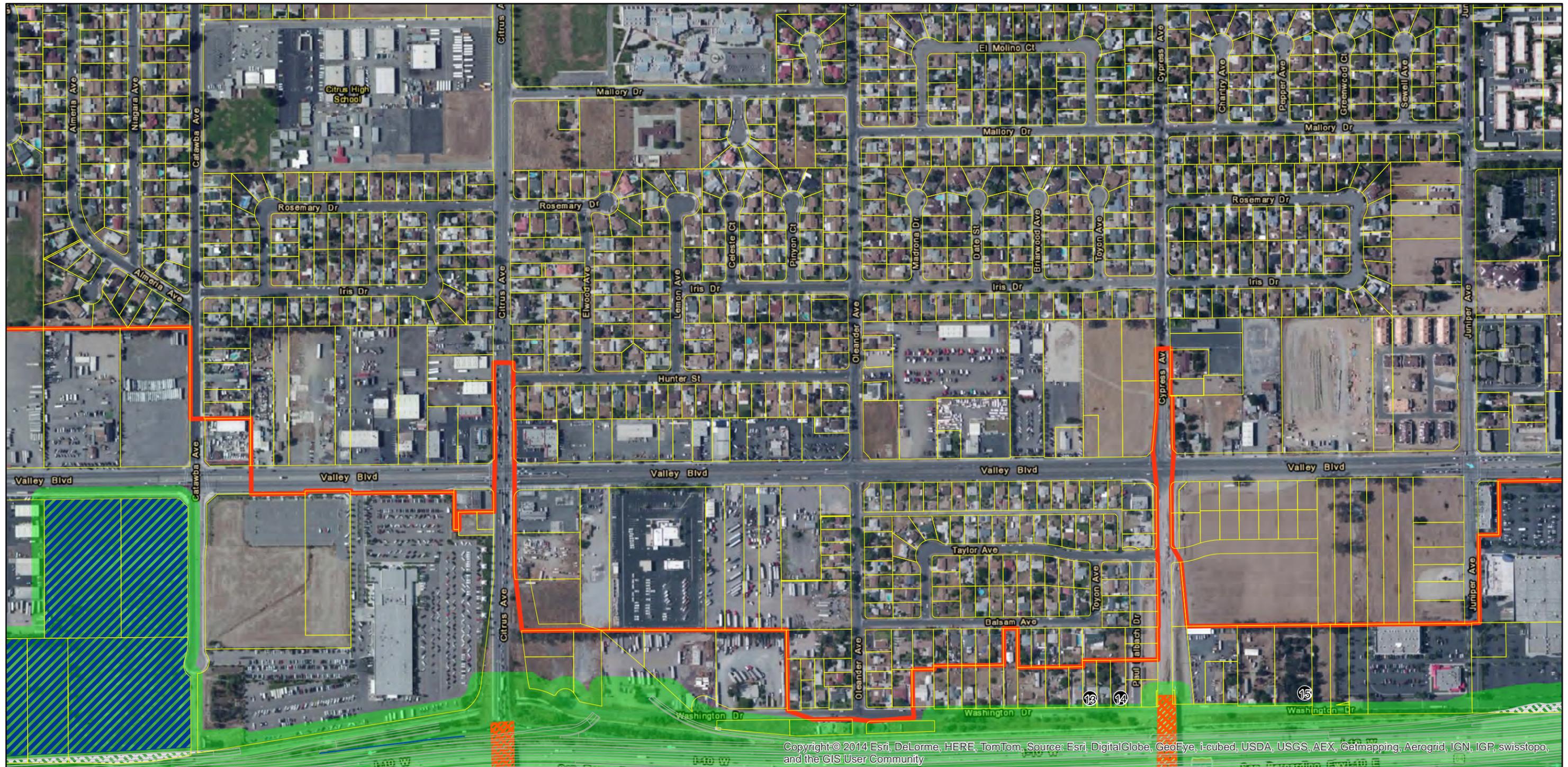


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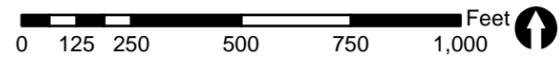
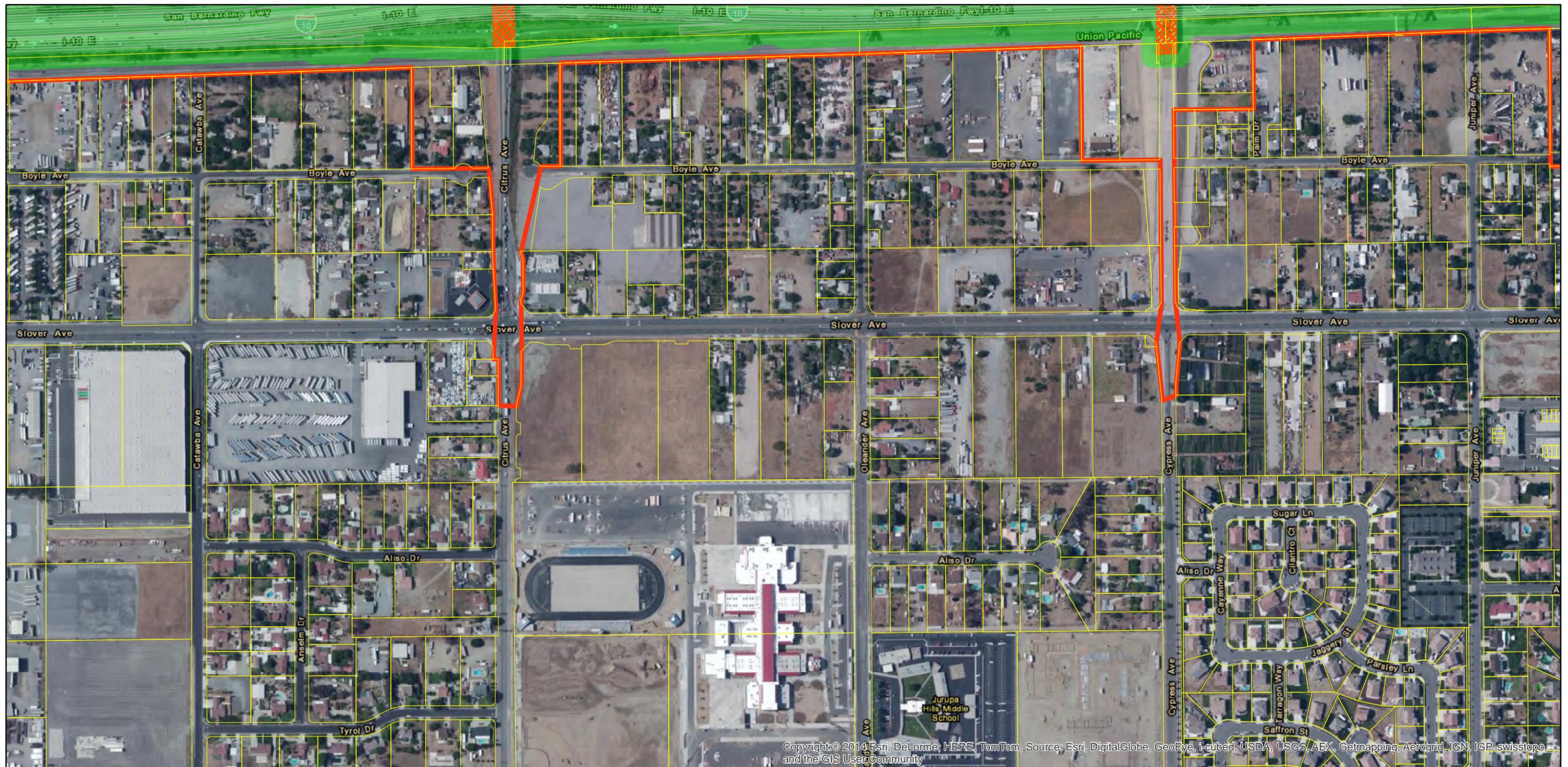


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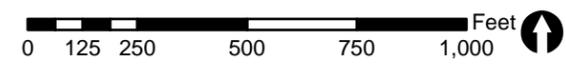
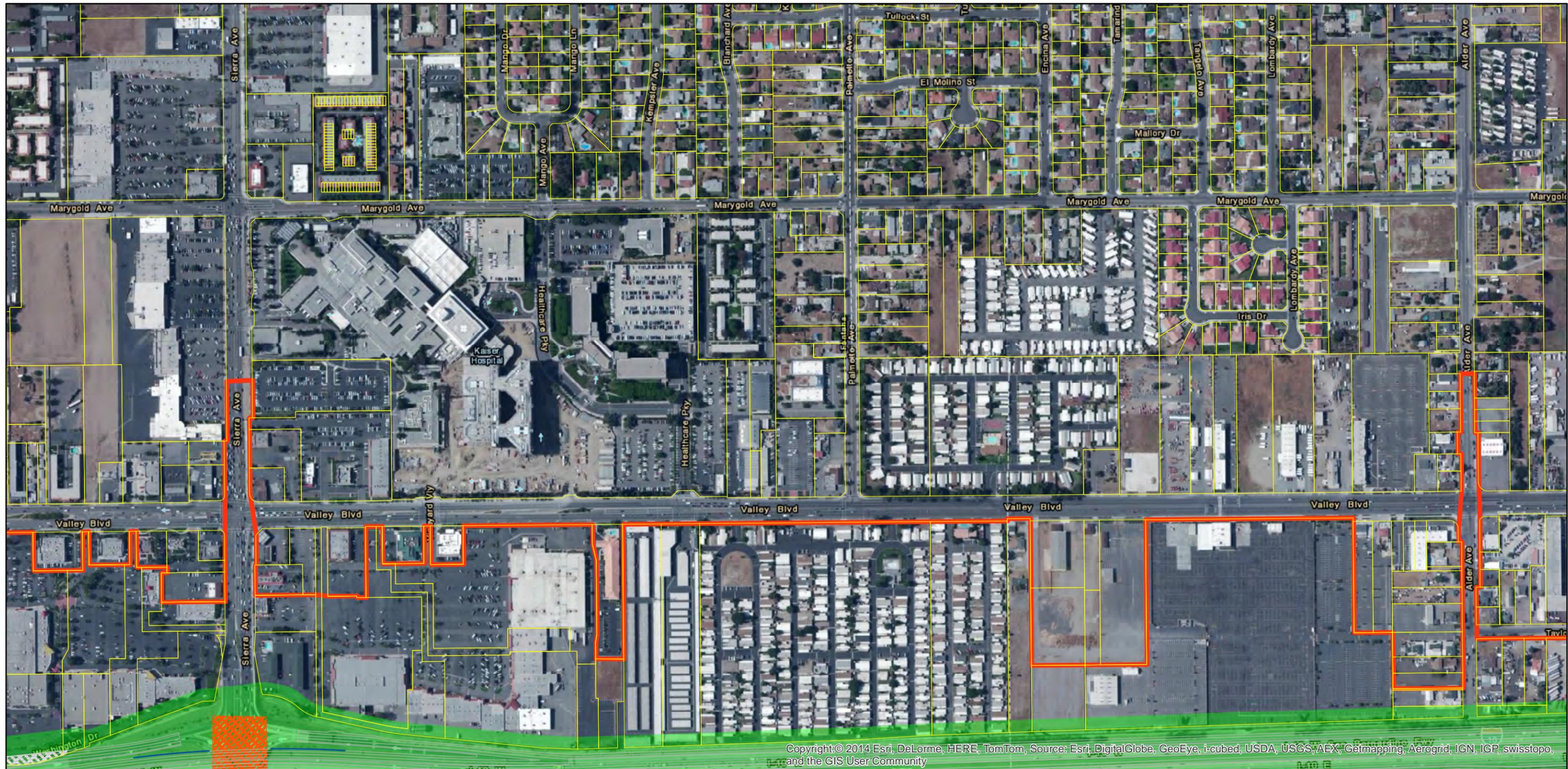


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- ▨ Proposed Partial Acquisitions
- ▨ Construction Staging Areas (CSAs)
- ▨ Proposed Bridge Undercrossing Modifications
- ▨ Proposed Bridge Overcrossing Modifications
- ▨ Parcels Surveyed for Archaeological Resources
- Area of Direct Impact Buffer
- Euclid Avenue NRHP Listed Property
- City of Ontario Euclid Avenue Historic District

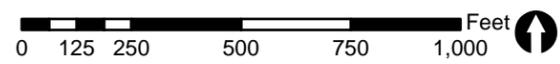
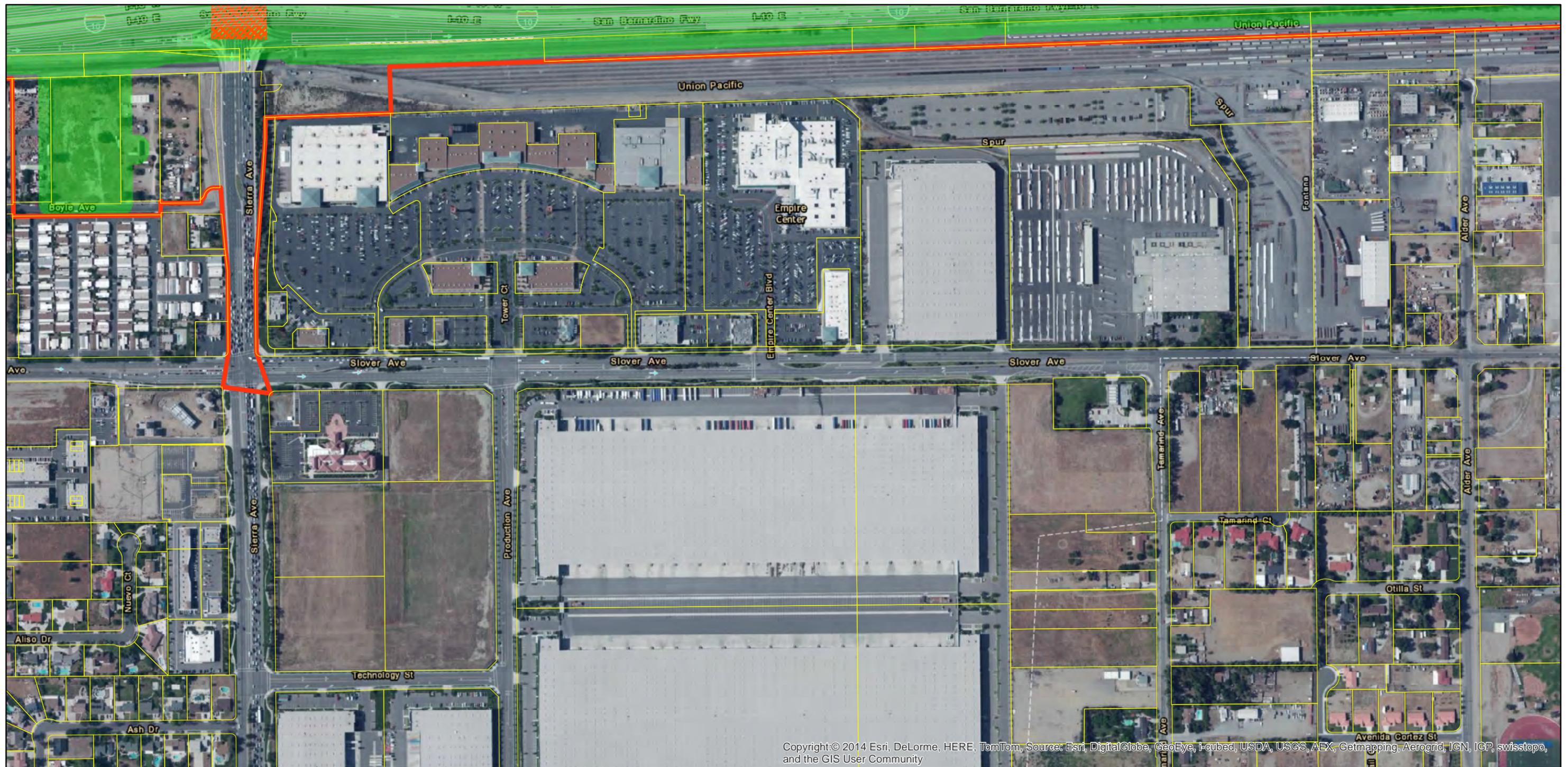


Figure 3: Area of Potential Effects Map
 Interstate 10 Corridor Project
 Interstate 10 (I-10)
 San Bernardino and Los Angeles Counties
 EA 0C2500
 EFIS ID 0800000040



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Source: SANBAG, ESRI, and Parsons

- Resources Evaluated
- ⊕ Historic Properties
- Environmentally Sensitive Area (ESA)
- ▭ Parcel Boundary
- Proposed Improvements
- ▨ Area of Potential Effects (APE)
- ▨ Temporary Construction Easements (TCEs)
- ▨ Proposed Full Acquisitions
- ▨ Proposed Partial Acquisitions
- ▨ Construction Staging Areas (CSAs)
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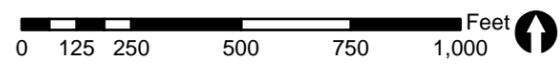


Figure 3: Area of Potential Effects Map

Interstate 10 Corridor Project
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