INITIAL SITE ASSESSMENT (ISA)

NEW LA-138 HIGHWAY

Between 100th Street and San Bernardino County Line

PALMDALE, CALIFORNIA

EA No.: 2600U0
E-FIS No.: 0712000035

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Initial Site Assessment

High Desert Corridor (HDC) Project

Los Angeles and San Bernardino County
07-LA-HDC
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EXECUTIVE SUMMARY AND RECOMMENDATION

This report presents results of an Initial Site Assessment (ISA) conducted by the California Department of Transportation (Caltrans) staffs for properties between 100th Street and Los Angeles/ San Bernardino County line associated with the proposed new highway 138 located at High Desert Corridor (HDC) area. The properties accessed for this ISA includes 408 parcels located in the City of Palmdale, Los Angeles County, California. The alignment for alternatives 2 and 3 within this area are the same, therefore, the properties identified with hazardous waste concerns are for both alternatives. Alternative 1 is the no-build alternative. The project study limits are within a low developed or undeveloped area including majority of vacant lands. There are some single family residences and commercial/ industrial properties within the parcels affected by design alternatives. Based upon the results of historical research, review of environmental database, the previous ISA in this area, and our site reconnaissance, the following hazardous waste concerns have been identified and recommendations are suggested.

Significant Hazardous Waste Concerns

Three (3) facilities listed in the potentially impacted parcels show significant hazardous waste concerns and acquiring these parcels may impact the project. A Phase II hazardous waste site investigation is suggested before acquiring these properties.

(1) A State CELCLIS site, Schnaidt Fireworks, located at 17500 E. Palmdale Blvd., Llano, CA 93544. The Schnaidt Fireworks Site is a firework manufacturing and wholesale facility.
(2) A commercial/industrial building located at 18846 E. Palmdale Blvd., Palmdale, CA 93591. The facility shows business of cars and equipments as the disposed junk cars and equipments are stored at their backyard.
(3) A State/Tribal UST/AST site located at 15366 E. Palmdale Blvd., Palmdale, CA 93591.

Potential Hazardous Waste Concerns

Two (2) single family residences and one (1) commercial facility listed as parcels affected by design alternatives show the potential of hazardous waste concern and acquiring these parcels may impact the project. A site reconnaissance and/or Phase II hazardous waste site investigation is suggested before acquiring these properties.

(1) One commercial facility located at 16035 E. Ave. R, Palmdale CA 93591 was identified to operate nursery business for growing trees during our site reconnaissance.
(2) One single family residence located at 18842 E. Palmdale Blvd., Palmdale, CA 93591 was identified to have junk cars and equipments stored at the backyard.
(3) One single family residence located at 38227 E. 230th Street, Palmdale, CA 93591 was identified to have junk cars, machines and equipments stored in surrounding areas.

Minor Hazardous Waste Concerns

Two (2) facilities are listed in the State solid waste landfill (SWL) sites. However, these two (2) facilities are located outside the proposed R/W line. If the Caltrans future R/W line is extended near these two State SWL sites, a detail hazardous waste site investigation for these two facilities is recommended.

(1) Metro-West Investments, LP, located at 13346 E. Avenue R, Littlerock.
(2) James, Jimmy G., and Linda S., located at 13306 E. Avenue R-8, Littlerock.

Asbestos Containing Materials (ACMs) and Lead-Based Paint (LBP)

Prior to demolition of any old buildings, ACMs and LBP surveys should be conducted. If ACMs and/or LBP are detected, appropriate permits must be obtained from regulatory agencies and these materials must be removed by a licensed contractor prior to demolition.

Aerially Deposited Lead (ADL)

The ADL is not anticipated to be a concern for the proposed highway 138 location because the alignment is not along the existing street or highway. Appropriate health and safety measures should be taken to minimize the exposure to lead while disturbing unpaved soil adjacent to high traffic volume streets. A Phase II ADL site investigation is recommended in these locations to develop appropriate health and safety measures for handling and disposal of ADL contaminated soils, if any.

Oil and Gas Wells

Two (2) oil wells are located within the project study limits, however, these two oil wells were plugged and abandoned. We recommend conducting tests for Total Petroleum Hydrocarbons (TPHs) for naturally occurring petroleum hydrocarbons, and hydrogen sulfide and methane gas if deep excavation and/or borings are proposed for bridge columns.

Groundwater

Groundwater depth varies within the project limits. The lowest groundwater level is found between 130th Street and 160th Street. Groundwater is anticipated to be encountered if bridge columns are installed in Big Rock Wash area between 140th Street and 150th Street. If dewatering is expected during the construction phase, a groundwater quality analysis shall be conducted in advance for obtaining National Pollutant Discharge Elimination System (NPDES) Permit.

The groundwater gradient beneath the site is estimated to follow the gradient of the existing topography, i.e., south-southeast. Therefore, any potential contaminant sources from north and northwest directions of the Site may have potential to impact the Site

1. INTRODUCTION

This Initial Site Assessment (ISA) has been performed to identify, to the extent feasible, contaminated and potential contaminated areas, and hazardous and potentially hazardous waste concerns within and adjacent to the existing and proposed Department's Right of Way (R/W) in Los Angeles County within the limits of the project. A previous ISA for proposed widening of State Route 138 between Avenue T and State Route 18 was conducted by Professional Service Industries Inc. (PSI) on January 27, 1998. A Supplemental Initial Site Assessment (S-ISA) for New LA-138 Highway, PM 43.4/53.4 (from beginning of LA-14 to 100th Street), was performed by Caltrans Office of Environmental Engineering and Corridor Studies in January 2008. The ISA is being revised by the same office. In order to have a complete ISA for the New LA-138 Highway within Los Angeles County, this ISA will focus on the areas from the beginning of the 100th Street to San Bernardino County Line. Please see Figure 1. The alignments for alternatives 2 and 3 between 100th Street and San Bernardino County Line are the same. Alternative 1 is the no build alternative. Please see Figure 2. The ISA is prepared based upon information provided to us by design that includes list of parcels affected by design alternatives and partial aerial photographs (eight sheets) showing proposed LA-138 Highway. This information is presented in Appendix A.

1.1 BACKGROUND

The proposed project is located in the High Desert Corridor (HDC) of Los Angeles County and San Bernardino County, and extends approximately 63 miles between SR-14 in Palmdale and SR-18 in Apple Valley. In Los Angeles County, the HDC roughly follows the Avenue P-8 corridor. In San Bernardino County, the HDC runs slightly south of El Mirage Road and then follows Air Expressway Road near I-15. The proposed route curves south at east of I-15 until it ends at State Route 18 in the Town of Apple Valley at Bear Valley Road. Caltrans District 08 will prepare the ISA for the portion of the proposed Route 138 in San Bernardino County.

Improvement of this HDC are considered necessary to provide for the existing and projected traffic demand attributed to residential growth and increasing developments in Antelope, Victorville, and Apple Valley areas. This growth results an inadequate traffic capacity and accessibility problem along the existing east-west roadways as well as an increasing demand for goods movement along the corridors and access to regional airports. The District 07 will prepare the Hazardous Waste ISA for the project from SR-14 to County Line of Los Angeles County and San Bernardino County.

1.2 SCOPE OF SERVICES

The scope of services includes conducting an ISA (Phase I) for the portion of this project in Los Angeles County. According to the American Society for Testing and Materials (ASTM), the purpose of the Phase I environmental site assessment is to find "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate

an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property."

This ISA includes three (3) components: Limited Records Review, Site Reconnaissance, and Report Preparation. This study did not review all the records suggested by the ASTM E1527-05 or latest revision. The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions in connection with these locations. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with these locations. The report presents the findings of this investigation and provides recommendation for detail Phase II site investigations, if needed.

1.3 LIMITATIONS

The ISA report includes documentation to support the analyses, opinions and conclusions as presented. The findings and conclusions in this report are based solely on the limited records review, including information from a variety of sources. Since the scope of an ISA is necessarily limited and is based in part on the third party sources and significant assumptions, Caltrans does not guarantee that the parcels within the project study limits those are not identified to have environmental concerns are free of hazardous waste materials or petroleum hydrocarbon release. The contents of this report reflect the information obtained from the reviewed database, previous ISA reports, and site reconnaissance.

2. SITE DESCRIPTION

The ISA covers the areas from beginning of 100th Street to Los Angeles/ San Bernardino County Line. A site reconnaissance was performed by Jack Tuanchi Liu, P.E. and Nathan Chou, P.E. on January 19, 2011, February 16, 2011, and August 17, 2011. The site reconnaissance focused on the general review of the proposed highway 138 locations to determine if any significant environmental concerns within these locations and surrounding areas may have an impact on this project. Aerial photographs from the Google Map have been reviewed and are presented in Appendix B. Site reconnaissance for all impacted properties will be discussed later. Each photograph covers an area of half (1/2) to two (2) square miles (about 320 to 1,280 acres). The following are summary of the site description.

A. From 100th Street to 120th Street

The proposed highway 138 within this area is located between Avenue P and Avenue Q (Photo B01). The area is currently a vacant land and covered with some bushes and cactuses. There is NO development within this area. In addition, there are no other off-site facilities in the immediate site vicinity that would be considered as an environmental concern. No hazardous waste concerns were observed during the site reconnaissance.

B. From 120th Street to 140th Street

The proposed highway 138 within this area is located between Avenue Q and Avenue R (Photo B02). The area is currently a vacant land and covered with some bushes and cactuses. There is NO development within this area. In addition, there are no other off-site facilities in the immediate site vicinity that would be considered as an environmental concern. No hazardous waste concerns were observed during the site reconnaissance.

C. From 140th Street to 150th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. (Photo B03). The area is currently a vacant land and covered with some bushes and cactuses. The Big Rock Wash was observed dry, and this seasonal creek flows from north-westerly toward the direction of south-easterly. Three (3) single family residences were observed within the proposed highway 138 R/W line. Two (2) single family residences were located along Palmdale Blvd. at north-east of the area, and one (1) single family residence was located at south-east of the area. No other off-site facilities in the immediate site vicinity would be considered as an environmental concern. No hazardous waste concerns were observed during the site reconnaissance.

D. From 150th Street to 160th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photo B04). Major portion of this area is currently vacant lands, and about 50% of the area is used as agricultural lands. Four (4) single family residences or buildings were observed within this area, and none of them showed the potential of environmental concerns. Many single family residences are located at north of the Palmdale Blvd. forming a big community. No off-site facilities in the immediate site vicinity would be considered an environmental concern. No hazardous waste concerns were observed during the site reconnaissance.

E. From 160th Street to 170th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photo B05). This area is currently used as agricultural lands and a nursery business. One (1) multi-family residence and several commercial buildings for nursery were observed. The nursery located at south-west corner of 160th St. and Ave. R. was observed in this property during our site reconnaissance. There is a potential hazardous waste concern because of the operation of this nursery business. The multi-family residence was located at north-east corner of 165th St. and Ave. R. No hazardous waste concern was observed during the site reconnaissance. No off-site facilities in the immediate site vicinity that would be considered an environmental concern.

F. From 170th Street to 180th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photo B06). Major portion of this area is vacant lands, and covered with bushes and small cactuses. Three (3) single family residences and one (1) commercial building were observed within the proposed highway 138 R/W line. Three (3) single family residences were located along the 170th St. within the proposed 170th St. Intersection location. Commercial buildings located at south-west corner of 175th St. and Ave. R. were observed in this property during our site visit. There is a potential of hazardous waste concern due to the operation of firework manufacturing business based on the environmental database. No other hazardous waste concerns were observed during the site reconnaissance. No off-site facilities in the immediate site vicinity that would be considered an environmental concern.

G. From 180th Street to 190th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photo B07). Major portion of this area is currently a vacant land and covered with bushes and cactuses. Four (4) single family residences and one (1) commercial/industrial building were observed along Palmdale Blvd., and all family residences and commercial building were located within the proposed highway 138 R/W. The commercial/industrial building is located at south-west corner of the intersection of Palmdale Blvd. and 190th Street (local address is 18846 E. Palmdale Blvd., Palmdale, CA 93591) showed the business of cars and equipments. Junk cars and equipments were observed at their backyard. There is a potential of hazardous waste concern for the property since it is used for cars/equipments/junk cars business. There were no other off-site facilities in the immediate site vicinity that would be considered as an environmental concern.

H. From 190th Street to 200th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photo B08). The area is currently a vacant land and covered with some bushes and cactuses. There is NO development within this area. No off-site facilities in the immediate site vicinity would be considered as an environmental concern. No hazardous waste concerns were observed during the site reconnaissance.

I. From 200th Street to 210th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photo B09). The area is currently vacant lands and some parcels are used for single family residences. Within the proposed highway 138 R/W, five (5) single family residences were located between 200th St. and 205th St., and three (3) single family residences were located between 205th St. and 210th St. For these residential homes, no hazardous waste concerns were observed during the site reconnaissance. No off-site facilities in the immediate site vicinity would be considered as an environmental concern.

J. From 210th Street to 220th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photo B10). The area is currently a vacant land and covered with some bushes and cactuses. There is NO development within this area. There are no off-site facilities in the immediate site vicinity that would be considered as an environmental concern. No hazardous waste concerns were observed during the site reconnaissance.

K. From 220th Street to 230th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photo B11). The area is currently a vacant land and covered with some bushes and cactuses. There were three (3) single family residences or buildings within the proposed highway 138 R/W. There are no off-site facilities in the immediate site vicinity that would be considered as an environmental concern. No hazardous waste concerns were observed during the site reconnaissance.

L. From 230th Street to 240th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photo B12). The area is currently a vacant land and covered with some bushes and cactuses. There is NO development within this area. No off-site facilities in the immediate site vicinity would be considered as an environmental concern. No hazardous waste concerns were observed during the site reconnaissance.

M. From 240th Street to County Line

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R (Photos B13, B14, and B15). The area is currently used as an agricultural land. There is NO development within this area. A military facility, Gray Butte Field, located at end the Ave. R-8 and along the Los Angeles/ San Bernardino County Line was observed. No other off-site facilities in the immediate site vicinity would be considered as an environmental concern. No hazardous waste concerns were observed during the site reconnaissance.

3. PARCELS AFFECTED BY DESIGN ALTERNATIVES

There were **408** parcels identified by the design as the affected parcels. Table 1 shows the Parcel No., APN No., current use, local address (if any), and built year of the single family residences or commercial/ industrial buildings. The Design branch also provided eight (8) sheets of aerial photographs showing 17 single properties within proposed Caltrans R/W that may be acquired. To identify the current use for these 408 parcels, we have reviewed parcel information from Office of Assessor, Los Angeles County. Parcels affected by design alternatives are identified in the Assessor's Map from the Office of Assessor are presented in Appendix C. Information obtained from the Office of Assessor is presented below. A further site reconnaissance for these

parcels affected by design alternatives with residences or buildings indicated that many listed single family residences did not exist at this time.

A. From 100th Street to 120th Street

All potentially impacted parcels are currently vacant lands, and there is no single family residence/ development within these parcels.

B. From 120th Street to 140th Street

All potentially impacted parcels are currently vacant lands, and there is no single family residence/ development within these parcels.

C. From 140th Street to 160th Street

Most impacted parcels are currently vacant lands. There are seven (7) single family residences built between 1929 and 1972 located within the affected parcels in this area.

(1) APN No.: 3029-018-033; Address: 14660 E. Palmdale Blvd., Palmdale CA 93591 (1972)
(2) APN No.: 3029-018-014; Address: 14720 E. Palmdale Blvd., Palmdale CA 93591 (1967)
(3) APN No.: 3029-018-019; Address: 14745 E. Avenue Q-14, Palmdale CA 93591 (1957)
(4) APN No.: 3029-016-009; Address: 15366 E. Palmdale Blvd., Palmdale CA 93591 (1951)
(5) APN No.: 3029-016-025; Address: 15616 E. Palmdale Blvd., Palmdale CA 93591 (1929)
(6) APN No.: 3029-016-013; Address: 15503 E. Avenue R, Littlerock CA 93543 (1979)
(7) APN No.: 3029-016-014; Address: 15635 E. Avenue R, Littlerock CA 93543 (1930)

D. From 160th Street to 180th Street

Most affected parcels are currently vacant land, and there are six (6) single family residences built between 1928 and 1958 within the affected parcels in this area.

(1) APN No.: 3075-007-001; Address: 16035 E. Avenue R, Palmdale CA 93591 (1934)
(2) APN No.: 3075-007-007; Address: 16529 E. Avenue R, Llano CA 93544 (1928)
(3) APN No.: 3075-012-004; Address: 38220 170th St. E., Lancaster, CA 93591 (1958)
(4) APN No.: 3075-013-001; Address: 38190 170th St. E., Lancaster CA 93591 (1956)
(5) APN No.: 3075-013-002; Address: 38128 170th St. E., Lancaster CA 93591 (1957)
(6) APN No.: 3075-011-015; Address: 17500 E. Palmdale Blvd., Llano CA 93544 (1950)

E. From 180th Street to 200th Street

Most of the affected parcels in this area are currently vacant lands. There are four (4) single family residences and one (1) commercial/ Industrial building built in 1950 and 1962 within the affected parcels in this area.

Single Family Residence

(1) APN No. 3030-021-035; Address: 18650 E. Palmdale Blvd., Palmdale CA 93591 (1962)
(2) APN No. 3030-021-006; Address: 18726 E. Palmdale Blvd., Palmdale CA 93591 (1950)
(3) APN No. 3030-021-005; Address: 18742 E. Palmdale Blvd., Palmdale CA 93591 (1959)

(4) APN No. 3030-021-002; Address: 18842 E. Palmdale Blvd., Palmdale CA 93591 (1957)

Commercial/ Industrial Building

(1) APN No. 3030-021-001; Address: 18846 E. Palmdale Blvd., Palmdale CA 93591 (1960)

F. From 200th Street to 220th Street

There are 15 single family residences or buildings built between 1953 and 1981 within 200th Street to 210th Street, and the rest of the affected parcels are currently vacant lands. All potentially affected parcels between 210th Street and 220th Street are currently vacant lands.

(1) APN No. 3084-003-022; Address: 38250 200th Street E., Lancaster CA 93591 (1953)
(2) APN No. 3084-003-016; Address: 20150 E., Ave. Q-10, Palmdale CA 93591 (1953)
(3) APN No. 3084-003-014; Address: 20210 E., Ave. Q-10, Palmdale CA 93591 (1953)
(4) APN No. 3084-003-029; Address: 38096 202nd Street E., Lancaster CA 93535 (1953)
(5) APN No. 3084-003-028; Address: 20160 E., Ave. Q-12, Palmdale CA 93591 (1955)
(6) APN No. 3084-003-013; Address: 20228 E., Ave. Q-12, Palmdale CA 93591 (1953)
(7) APN No. 3084-003-005; Address: 20241 E., Ave. Q-12, Palmdale CA 93591 (1954)
(8) APN No. 3084-003-006; Address: 20306 E., Ave. Q-12, Palmdale CA 93591 (1981)
(9) APN No. 3084-003-033; Address: 20340 E., Ave. Q-12, Palmdale CA 93591 (1956)
(10) APN No. 3084-003-004; Address: 20240 E., Ave. Q-10, Palmdale, CA 93591 (1958)
(11) APN No. 3084-004-009; Address: 20528 E., Ave. Q-12, Palmdale CA 93591 (1958)
(12) APN No. 3084-004-010; Address: 20538 E., Ave. Q-12, Palmdale CA 93591 (1953)
(13) APN No. 3084-004-008; Address: 20635 E., Ave. Q-12, Palmdale CA 93591 (1954)
(14) APN No. 3084-004-024; Address: 20730 E., Ave. Q-10, Palmdale CA 93591 (1954)
(15) APN No. 3084-004-026; Address: 20832 E., Ave. Q-12, Palmdale CA 93591 (1955)

G. From 220th Street to 240th Street

Most of the affected parcels are not developed and currently vacant lands. There are two (2) single family residences built in 1955 and 1991 between 220th Street and 230th Street, and one (1) single family residence built in 1929 between 230th Street and 240th Street.

(1) APN No. 3084-011-015; Address: 22120 E. Palmdale Blvd., Palmdale CA 93591 (1955)
(2) APN No. 3084-~~004~~ 011-010; Address: 22210 E. Palmdale Blvd., Palmdale CA 93591 (1991)
(3) APN No. 3084-012-003; Address: 38227 230th Street E., Lancaster, CA 93591 (1929)

H. From 240th Street to County Line

Affected parcels are currently agricultural lands. There is one (1) single family residence built in 1946 in this area.

(1) APN No. 3091-021-018; Address: 24000 E., Palmdale Blvd., Lancaster CA 93591 (1946)

4.0 ENVIRONMENTAL SETTING

4.1 REGIONAL PHYSIOGRAPHIC CONDITIONS

The Site is located in the Mojave Desert Ranges Geomorphic Province of Southern California. The Mojave Desert Province is wedge-shaped, bordered by the Garlock Fault to the Northwest, the San Andreas Fault to the southwest and the Nevada border to the east. The site is located northerly of the San Gabriel Mountains.

The terrain near the Site area is sloping toward the south, with the Site at an elevation of approximately between 2580 to 2600 feet based on the referenced USGS Quadrangle (See Section 2.0).

4.2 SITE GEOLOGY AND SUBSURFACE CONDITIONS

The land within the Site mainly lies to the south of the Palmdale Airport and predominantly undeveloped or vacant land. Per the Geologic Map of California and the Log of Test Borings performed by Geotechnical Division of Caltrans, the Site soil is of Quaternary alluvium consisting of sand, silty sands and gravelly sands with cobbles and boulders at discrete locations. No significant geologic structure is reported to have within the Site limits.

4.3 GROUNDWATER CONDITIONS

Groundwater may be found in the alluvial sedimentary formations. The depth of groundwater is usually the first layer of water encountered underneath the site. In addition, a certain depth at an individual site is not necessarily an indicator to the regional depth to groundwater. The depth to water is dependent upon the previous years of precipitation, which has been light in recent years. The Regional Water Quality Control Board (RWQCB) provides a database for the depth of ground-water in the internet site. To find out the groundwater depths within the project limits, we checked the web site, http://www.swrcb.ca.gov/rwqcb4/html/programs/ust/gw_database.html, for available groundwater wells data, and the results are presented in Appendix D. The database indicates that the groundwater depth varies from 225.5 to 208.9 ft between 100th Street to 120th Street (Figure D01). The groundwater depth decreases to 10.9 to 77.4 feet between 120th Street to 180th Street (Figures D02, D03, and D04). As we know from the site description, this area has a dry creek. Then, the groundwater depth increases to 73.3 to 217.0 ft between 180th Street to the Los Angeles/ San Bernardino County Line (Figures D05-D08).

4.4 POTENTIAL PATHWAYS OF CONTAMINANT MIGRATION

The groundwater gradient beneath the site is estimated to follow the gradient of the existing topography, i.e., south-southeast. Therefore, any potential contaminant sources from north and northwest directions of the Site may have potential to impact the Site.

5. SITE RECONNAISSANCE OF RESIDENTIAL PROPERTIES

The design branch provided eight (8) sheets of aerial photographs showing the potentially affected single family residences or buildings that will be acquired. Based upon the information provided by Design, there are more than 17 single family residences or commercial/ industrial buildings that are affected. A site reconnaissance was performed by Jack Tuanchi Liu, P.E. and Nathan Chou, P.E. on January 19, 2011, February 16, 2011, and August 17, 2011. The site reconnaissance focused on the potentially affected single family residences and commercial/ industrial buildings to see if any environmental hazardous waste concern could be observed within these parcels. The following is the summary of results of site reconnaissance of the parcels with single family residence or building listed under the parcels affected by design alternatives. Photographs for these parcels are presented in Appendix E. The reconnaissance was performed from the public road, therefore, the information presented for each parcel and building may not be complete due to the distance of the area of interest from the public road. A further site investigation for some parcels may be necessary after right of entry permits are obtained.

(1) APN No.: 3029-018-033; Address: 14660 E. Palmdale Blvd., Palmdale. A single family residence was observed. There is no hazardous waste concern (Photo E01).

(2) APN No.: 3029-018-014; Address: 14720 E. Palmdale Blvd., Palmdale. A single family residence was observed. There is no hazardous waste concern (Photo E02).

(3) APN No.: 3029-018-019; Address: 14745 E. Avenue Q-14, Palmdale. A single family residence was observed. There is no hazardous waste concern (Photo E03).

(4) APN No.: 3029-016-013; Address: 15503 E. Ave. R, Littlerock. A family residence was observed. There is no hazardous waste concern (PhotoE04).

(5) APN No.: 3029-016-007, An building without local address was observed (Photo E05). The potential of hazardous waste concern is unlikely.

(6) APN No.: 3029-016-025; Address: 15616 E. Palmdale Blvd., Palmdale. An old farm building and multi-family residences were observed [Photos E06(I) and E06(II)]. The potential of hazardous waste concern is unlikely.

(7) APN No.: 3029-016-009; Address: 15366 E. Palmdale Blvd., Palmdale. A single family residence was observed. There is no hazardous waste concern (Photo E07).

(8) APN No.: 3075-007-001; Address: 16035 E. Ave. R, Palmdale. Commercial nursery buildings were observed, and many growing tress were also observed [Photos E08(I) to E08(IV)]. There is a potential of hazardous waste concern for this location.

(9) APN No.: 3075-007-007; Address: 16529 E. Ave. R, Llano. A multi-family residences were observed [Photos E09(I) & E09(II)]. There is no hazardous waste concern.

(10) APN No.: 3075-012-004; Address: 38220 170th St. E., Lancaster. A single family residence was observed (Photo E10). There is no hazardous waste concern.

(11) APN No.: 3075-013-001; Address: 38190 170th St. E., Lancaster. A single family residence was observed (Photo E11). There is no hazardous waste concern.

(12) APN No.: 3075-013-002; Address: 38128 170th St. E., Lancaster. A family residence was observed with ranch car and horse in backyard [Photos E12(I) & E12(II)]. There is no hazardous waste concern.

(13) APN No.: 3075-011-015; Address: 17500 E. Palmdale Blvd., Llano. The commercial buildings were observed but it is difficult to know the detail functions of these buildings [Photos E13(I) & E13(II)]. There is a potential of hazardous waste concern and a further site investigation may be required.

(14) APN No. 3030-021-035; Address: 18650 E. Palmdale Blvd., Palmdale. A single family residence was observed (Photo E14). There is no hazardous waste concern.

(15) APN No. 3030-021-006; Address: 18726 E. Palmdale Blvd., Palmdale. A single family residence was observed (Photo E15). There is no hazardous waste concern.

(16) APN No. 3030-021-005; Address: 18742 E. Palmdale Blvd., Palmdale. A single family residence was observed (Photo E16). There is no hazardous waste concern.

(17) APN No. 3030-021-002; Address: 18842 E. Palmdale Blvd., Palmdale. A building for agricultural used was observed [Photo E17(I)]. Junk cars and equipments were observed at their backyard [Photo E17(II)]. A further detail site assessment may be required.

(18) APN No. 3030-021-001; Address: 18846 E. Palmdale Blvd., Palmdale. A commercial/ industrial building was observed as indicated by storage of junk cars and equipment in backyard (Photo E18). There is a potential of hazardous waste concern and a further site investigation may be required.

(19) APN No. 3084-003-022; Address: 38250 200th St., Palmdale. A single family residence was observed (Photo E19). There is no hazardous waste concern.

(20) APN No. 3084-003-016; Address: 20150 E. Ave. Q-10, Palmdale. A single family residence was observed (Photo E20). There is no hazardous waste concern.

(21) APN No. 3084-003-016; Address: 20306 E. Ave. Q-12, Palmdale. A single family residence was observed (Photo E21). There is no hazardous waste concern.

(22) APN No. 3084-003-033; Address: 20340 E. Ave. Q-12, Palmdale. A single family residence was observed (Photo E22). There is no hazardous waste concern.

✓(23) APN No. ~~3084-003-033~~ 3084-004-009; Address: 20528 E. Ave. Q-12, Palmdale. A single family residence was observed (Photo E23). There is no hazardous waste concern.

(24) APN No. 3084-004-010, Address: 20538 E. Ave. Q-12, Palmdale. A single family residence was observed (Photo E24). There is no hazardous waste concern.

(25) APN No. 3084-004-008, Address at 20635 E. Ave. Q-12, Palmdale. A single family residence was observed (Photo E25). There is no hazardous waste concern.

(26) APN No. 3084-004-024, Address at 20730 E. Ave. Q-10, Palmdale. A single family residence was observed (Photo E26). There is no hazardous waste concern.

(27) APN No. 3084-011-015, Address: 22120 E. Palmdale Blvd., Palmdale. A single family residence was observed (Photo E27). There is no hazardous waste concern.

(28) APN No. 3084-011-010, Address: 22210 E. Palmdale Blvd., Palmdale. A single family residence was observed (Photo E28). There is no hazardous waste concern.

(29) APN No. 3084-012-003, Address: 38227 E. 230th Street, Palmdale. A single family residence was observed [Photo E29(I) & E29(II)]. Junk cars, machines, and equipments were observed in surrounding areas. A further detail site assessment may be required.

6. HISTORICAL AERIAL PHOTOGRAPHS

Historical aerial photographs from the web site, http://www.historicaerials.com, are reviewed to find out the historical use of the areas within the project corridor. Historical aerial photographs dated 2005, 1974, 1959, and 1953 for every 10th Street (about 1 square mile) are reviewed and the results are presented in Appendix F. The summary of historical aerial photographs within the project study limits are presented below:

A. From 100th Street to 110th Street

The proposed highway 138 within this area is located between Avenue P and Avenue Q. The area is currently a vacant land and covered with bushes and cactuses. Comparing the aerial photographs Photo F01a for year of 2005, Photo F01b for year of 1974, Photo F01c for year of 1959, and Photo F01d for year of 1953 with the current aerial photograph Photo B01 in Appendix B, no change in land use was observed. The area has not been developed. No other hazardous waste concerns are observed in these historical aerial photos.

B. From 110th Street to 120th Street

The proposed highway 138 within this area is located between Avenue P and Avenue Q. The area is currently a vacant land and covered with bushes and cactuses. Comparing the aerial photographs Photo F02a for year of 2005 with the current aerial photograph Photo B01 in Appendix B, it was observed that the area remained as vacant land. However, Photo F02b for year of 1974, Photo F02c for year of 1959, and Photo F02d for year of 1953 showed that half (1/2) of the area was used for agricultural purpose. A building structure was observed at south-west corner of the property. No hazardous waste concerns are observed in these historical aerial photos.

C. From 120th Street to 130th Street

The proposed highway 138 within this area is located between Avenue Q and Avenue R. The area is currently a vacant land and covered with some bushes and cactuses. Comparing the aerial photographs Photo F03a for year of 2005, Photo F03b for year of 1974, Photo F03c for year of 1959, and Photo F03d for year of 1953 with the current aerial photograph Photo B02 in Appendix B, it was observed that the area remained as vacant land. The area has not been developed. No hazardous waste concerns are observed in these historical photos.

D. From 130th Street to 140th Street

The proposed highway 138 within this area is located between Avenue Q and Avenue R. The area is currently a vacant land and covered with some bushes and cactuses. Comparing

the aerial photographs Photo F04a for year of 2005, Photo F04b for year of 1974, Photo F04c for year of 1959, and Photo F04d for year of 1954 with the current aerial photograph Photo B02 in Appendix B, it was observed that the area remained as vacant land since 1954. There is no development within this area. No hazardous waste concerns are observed in these historical photos.

E. From 140th Street to 150th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently a vacant land and covered with some bushes and cactuses. Four (4) single family residences were observed in aerial photographs Photo F05a for year of 2005 and Photo F05b for year of 1974. One (1) single family residence was observed at Photo F05d for year of 1954, but this residence is not list of parcels affected by design alternatives. Comparing the historical aerial photographs with the current aerial photograph Photo B03 in Appendix B, it was observed that part of vacant lands was developed as family residences. No hazardous waste concerns are observed in these historical aerial photos.

F. From 150th Street to 160th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently vacant land and about 50% of the area is used as agricultural lands. Comparing the aerial photographs Photo F06a for year of 2005, Photo F06b for year of 1974, Photo F06c for year of 1959, and Photo F06d for year of 1953 with the current aerial photograph Photo B04 in Appendix B, minor change in land use (vacant land and agricultural land) was observed since 1953. There is no development within this area. No hazardous waste concerns are observed in these historical photos.

G. From 160th Street to 170th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently a vacant land and an agricultural land. Comparing the aerial photographs Photo F07a for year of 2005, Photo F07b for year of 1974, Photo F07c for year of 1959, and Photo F07d for year of 1953 with the current aerial photograph Photo B05 in Appendix B, minor change in land use (vacant land and agricultural land) was observed since 1953. There is no development within this area. No hazardous waste concerns are observed in these aerial historical photos.

H. From 170th Street to 180th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently a vacant land and an agricultural land. Comparing the aerial photographs Photo F08a for year of 2005, Photo F08b for year of 1974, Photo F08c for year of 1959, and Photo F08d for year of 1953 with the current aerial photograph Photo B06 in Appendix B, minor change in land use (vacant land and agricultural land) was observed.

There is no development within this area. No hazardous waste concerns are observed in these historical aerial photos.

I. From 180th Street to 190th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently a vacant land and covered with bushes and cactuses. Comparing the aerial photographs Photo F09a for year of 2005, Photo F09b for year of 1974, and Photo F09c for year of 1959 with the current aerial photograph Photo B07 in Appendix B, no change in land use (vacant land) was observed. Three (3) single family residences were built after 1953. No other development happened within this area. No hazardous waste concerns are observed in these historical aerial photos.

J. From 190th Street to 200th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently a vacant land and covered with bushes and cactuses. Comparing the aerial photographs Photo F10a for year of 2005, Photo F10b for year of 1974, Photo F10c for year of 1959, and Photo F10d for year of 1953 with the current aerial photograph Photo B08 in Appendix B, no change in existing land use (vacant land) was observed. No development happened within this area. No hazardous waste concerns are observed in these historical photos.

K. From 200th Street to 210th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently vacant lands or used as family residences. Comparing the aerial photographs Photo F11a for year of 2005, Photo F11b for year of 1974, Photo F11c for year of 1959, and Photo F11d for year of 1953 with the current aerial photograph Photo B09 in Appendix B, no major change for land use (vacant lands or family residences) was observed. Most family residences were built after 1953. No hazardous waste concerns are observed in these historical aerial photos.

L. From 210th Street to 220th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently a vacant land and covered with bushes and cactuses. Comparing the aerial photographs Photo F12a for year of 2005, Photo F12b for year of 1974, Photo F12c for year of 1959, and Photo F12d for year of 1953 with the current aerial photograph Photo B10 in Appendix B, no change in existing land use (vacant land) was observed. No development happened within this area. No hazardous waste concerns are observed in these historical aerial photos.

M. From 220th Street to 230th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently vacant lands and used as family residences. Comparing the aerial photographs Photo F13a for year of 2005, Photo F13b for year of 1974, Photo F13c for year of 1959, and Photo F13d for year of 1953 with the current aerial photograph Photo B11 in Appendix B, the only change observed was the single family residence increased from one (1) family residence in Photo F13d to two (2) family residences in Photo F13b, and three (3) family residences in Photo F13a. No other development was observed within this area. No hazardous waste concerns are observed in these historical aerial photos.

N. From 230th Street to 240th Street

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently a vacant land and covered with bushes and cactuses. Comparing the aerial photographs Photo F14a for year of 2005, Photo F14b for year of 1974, Photo F14c for year of 1959, and Photo F14d for year of 1953 with the current aerial photograph Photo B12 in Appendix B, no change in existing land use (vacant land) was observed. No development happened within this area. No hazardous waste concerns are observed in these historical aerial photos.

O. From 240th Street to County Line

The proposed highway 138 within this area is located between Palmdale Blvd. and Avenue R. This area is currently used for agricultural purpose. Comparing the aerial photographs Photo F15a & F16a for year of 2005, Photo F15b & F16b for year of 1974 & 1968, Photo F15c & F16c for year of 1959, and Photo F15d & F16d for year of 1953 with the current aerial photograph Photos B13, B14, and B15 in Appendix B, it was observed that the area of the agricultural land increased from 1953 to 2005. No hazardous waste concerns are observed in these historical aerial photos.

7. OIL AND GAS WELLS

No operational oil and gas wells or facilities were observed immediately adjacent to the proposed project study limits during site reconnaissance. California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) provides an online mapping system (DOMS), a web-based mapping program that provides the ability to create, view and print maps of oil and gas wells via the internet. The DOMS also provides data and scanned well records from one web application. The web site is http://maps.conservation.ca.gov/doms/doms-app.html.

To identify the potential presence of naturally occurring petroleum hydrocarbons, and methane (CH_4) and hydrogen sulfide (H_2S) gases within the proposed project limits, we have reviewed the DOMS maps to find out the existing or abandoned oil and gas wells. The Photos G01 to G08 in

Appendix G shows the DOMS maps for the proposed highway 138 project study limits. Each photo covers the distance of 20 Streets from 100th Street to Los Angeles/ San Bernardino County Line. Based upon these oil and gas well photos, there are two (2) oil wells adjacent to the project study limits that have been plugged and abandoned.

A. Well I (API No. 03705240; Description: "Ruby 1")
The Well I was located between 120th Street and 140th Street, and Ave. Q and Ave. R. The Well I was close to 130th Street and Ave. R Intersection as can be seen in Photo G02. Based upon the Well Record Detail Page in Appendix F, the Well I was operated by the Butte Petroleum Co., Inc. and the well status was plugged.

B. Well II (API No. 03705922; Description: "Ralph Arnold")
The Well II was located between 220th Street and 240th Street, and Ave. Q and Ave. R. The Well II was close to 230th Street and Ave. Q Intersection as can be seen in Photo G07. Based upon the Well Record Detail Page in Appendix F, the Well II was operated by the Walter Siravo and the well status was plugged.

8. ENVIRONMENTAL DATABASE REVIEW

The purpose of the environmental database review is to obtain and review public records to identify activities along the project or surrounding properties that could indicate significant potential for recognized environmental conditions impacting the project. For this ISA study, the database information search has been conducted from 100th Street to Los Angeles/ San Bernardino County Line. The Department has obtained and reviewed an environmental database report, *Environmental FirstSearch™ Report*, conducted by FirstSearch Technology Corporation dated January 27, 2011, for the project study limits. The scope of the environmental database search for project study limits is based upon aerial photograph including the proposed new highway 138 location provided to our hazardous waste branch.

The *Environmental FirstSearch™ Report* is environmental records search including federal, state, and local files for parcels located within the vicinity of the project. A linear search with 1-mile width along the centerline of the proposed new State Route 138 (SR-138) within the project study limits is conducted, however, the search width of 1/4-mile from the centerline is the main focus. The significant and potential impacts to the project study area for search widths of 0-1/8-mile and 1/8-1/4-mile are presented and discussed below. The Environmental FirstSearch™ Report is attached with this ISA report in Appendix H.

8.1 CERCLIS

The Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which Environmental Protection Agency (EPA) Superfund Program has some involvement. It contains

sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. One facility, Schnaidt Fireworks Site located at 17500 E. Palmdale Blvd., Llano, CA 93544 [see the Photos E13(I) & E13(II) in Appendix E] is listed in the CERCLIS database. The Schnaidt Fireworks Site is a firework manufacturing and wholesale facility. The search information obtained for Schnaidt Fireworks Site and presented in Appendix H indicates that the removal action started on July 14, 2004 and completed on July 23, 2004. This facility, APN No. 3075-011-015, will be acquired for the proposed Caltrans R/W. A detail Phase II hazardous waste site investigation may be required before acquiring this property.

8.2 STATE SWL

The California Integrated Waste Management Board (IWMB) maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The type of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and close disposal sites. A review of this database indicated that two (2) facilities, Metro-West Investments, LP and James, Jimmy G. & Linda S, are located within 1/8-1/4-mile from the centerline of the proposed alignment are listed in database. The identified STATE SWL facilities are summarized as follows:

Metro-West Investments, LP

The Metro-West Investments, LP is an auto dismantler and tires-waste site listed in IWMB's database, located at 13346 E. Avenue R, Littlerock. This State SWL site is located within the project study limits but outside the proposed R/W line. Based on the site detail report from the Environmental FirstSearch Report, the operation status is "inactive", and the regulatory status is "unpermitted". The last tire inspection date was August 14, 2002. None of project alternatives are proposed to extend the existing R/W line to this State SWL site, therefore, this site is not considered to have the environmental impacts for this project. A Phase II site investigation is recommended only if the proposed R/W line extends close to this property and/or this property is acquired by the Department.

James, Jimmy G. and Linda S

James, Jimmy G. and Linda S is another major waste tire facility listed in IWMB's database, located at 13306 E. Avenue R-8, Littlerock. This State SWL site is also located within the project study limits but outside the proposed R/W line. Based upon the site detail report from the Environmental FirstSearch Report, the current operation status is "active", and the regulatory status is "unpermitted". The last tire inspection date was August 14, 2002. None of project alternatives are proposed to extend the existing R/W line to this State SWL site, therefore, this site is not considered to have the environmental impacts for this project. A Phase II subsurface site investigation is recommended only if the proposed R/W line extends close to this property and/or this property is acquired by the Department.

8.3 STATE/TRIBAL UST/AST

The California RWQCB maintains a database system of sites with confirmed or unconfirmed Underground Storage Tanks (USTs) and Aboveground Storage Tanks (ASTs). A review of this database indicated that one facility, Ennals Ives, located at 15366 E. Palmdale Blvd., Palmdale, which is within 1/8-mile from the centerline of the proposed highway 138 is listed as a State UST/AST. Based upon the site detail report from the Environmental FirstSearch Report, the UST was permitted on April 08, 1991, and was removed on June 16, 1999. This registered UST has not reported a release, therefore, this UST is generally not considered a significant environmental concern unless it is immediately adjacent to the existing or proposed R/W line. Since this parcel is listed as one (1) of the parcels affected by design alternatives, a further site reconnaissance and/or Phase II sub-surface site investigation is recommended.

8.4 TRIBAL LAND

The tribal land is the list of Indian Lands of the United States. The Indian Lands of the United States database inventories areas are recognized by the Federal Government as territory in which American Indian Tribes have primary government authority. The map for this database displays areas with 640 acres or more, administrated by the Bureau of Indian Affairs located at 2800 Cottage Way, Sacramento, CA 95825. The Environmental FirstSearch Report did not reveal any tribal land within the study limits of the proposed highway 138. The tribal land is not an environmental concern for this project.

9. FINDINGS/ CONCLUSIONS

Based upon the results of historical research, review of available documents and environmental database, and site reconnaissance, the potential of hazardous waste concerns that may impact the project are summarized below:

A. The Schnaidt Fireworks Site located at 17500 E. Palmdale Blvd., Llano, CA 93544 is listed in the CERCLIS's database [Photos E13(I) & E13(II)]. The Schnaidt Fireworks Site is a firework manufacturing and wholesale facility. This parcel is listed as a parcel affected by design alternatives, and therefore, considered significant environmental concerns for the project.

B. Two (2) facilities, Metro-West Investments, LP, located at 13346 E. Avenue R, Littlerock and James, Jimmy G. and Linda S., located at 13306 E. Ave. R-8, Littlerock, are listed as the State SWL sites. However, these two (2) facilities are located outside the proposed R/W line, and none of these two (2) parcels are listed as parcels affected by design alternatives.

C. One (1) single family residence, Ennals Ives, located at 15366 E. Palmdale Blvd., Palmdale, CA 93591 (Photo E07) is listed as the State/Tribal UST/AST site. Since this parcel is listed as a parcel affected by design alternatives, there is the potential of hazardous waste concerns associated with acquisition of this parcel.

D. One (1) single family residence located at 16035 E. Avenue R, Palmdale CA 93591 was observed to run a nursery type of business during our site reconnaissance [Photos E08(I) to E08(IV)]. Since this parcel is listed as a parcel affected by design alternatives, this parcel is considered to have the potential of hazardous waste concerns for this project.

E. A commercial/industrial building located at 18846 E. Palmdale Blvd., Palmdale, CA 93591 shows the business of cars and equipments (Photo E18). Junk cars and equipments are stored in the backyard. This parcel is listed as a parcel affected by design alternatives, therefore, there is hazardous waste concerns associated with acquisition of this parcel.

F. Two (2) single family residences located at 18842 E. Palmdale Blvd., Palmdale, CA 93591 [Photos E17(I) & E17(II)] and 38227 E. 230th Street, Palmdale, CA 93591 [Photos E29(I) & E29(II)] show junk cars, machines & equipments stored in the backyard and surrounding areas. These two (2) parcels are listed as parcels affected by design alternatives, therefore, there are hazardous waste concerns associated with acquisition of these parcels.

G. The Asbestos Containing Materials (ACMs) and Lead-Based Paint (LBP) may be present in any buildings built before 1980. A survey for ACMS and LBP shall be performed before demolition of these old buildings.

H. Aerially Deposited Lead (ADL) is not anticipated to be a concern for the proposed highway 138 location because the alignment is not along the existing street or highway.

I. Two (2) oil wells are discovered within the project study limits. However, these two (2) oil wells were plugged and abandoned.

J. Groundwater depth varies within the project limits. The lowest groundwater level is found between 130th Street and 160th Street. Groundwater is anticipated to be encountered if bridge columns are installed in Big Rock Wash area between 140th Street and 150th Street.

10. RECOMMENDATION FOR FUTURE WORK

Based on the findings of this ISA report, the following recommendations are suggested:

A. A detail Phase II hazardous waste site investigation is recommended before acquiring these properties.
   (1) A State CELCLIS site, the Schnaidt Fireworks, located at 17500 E. Palmdale Blvd., Llano, CA 93544.
   (2) A commercial/industrial building located at 18846 E. Palmdale Blvd., Palmdale, CA 93591.
   (3) A State/Tribal UST/AST site located at 15366 E. Palmdale Blvd., Palmdale, CA 93591.
   (4) A nursery business located at 16035 E. Avenue R, Palmdale CA 93591.
   (5) Single family residence located at 18842 E. Palmdale Blvd., Palmdale, CA 93591.

(6) Single family residence located at 38227 E. 230th Street, Palmdale, CA 93591.

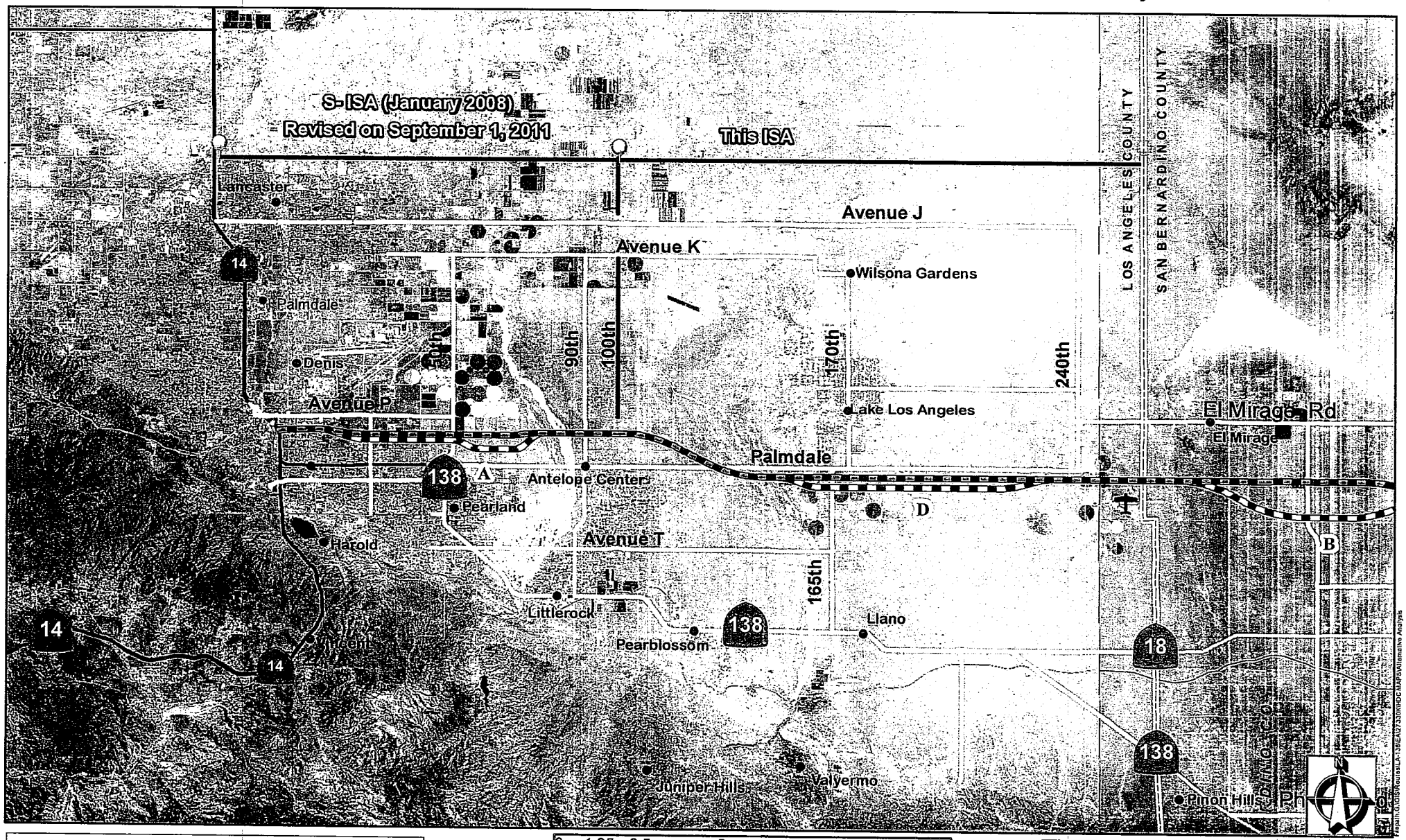
B. If the Caltrans future R/W line is extended near the following two (2) State SWL sites, a detail hazardous waste site investigation for these two (2) facilities are recommended to be conducted.
   (1) Metro-West Investments, LP, located at 13346 E. Avenue R, Littlerock.
   (2) James, Jimmy G., and Linda S., located at 13306 E. Avenue R-8, Littlerock.

C. Prior to demolition of any old buildings, ACMs and LBP survey should be conducted. If ACMs and/or LBP are detected, appropriate permits must be obtained from regulatory agencies and these materials must be removed by a licensed contractor prior to demolition.

D. Groundwater is anticipated to be encountered if bridge columns are installed in wash area between 140th Street and 150th Street. If dewatering is expected during the construction phase, a groundwater quality analysis shall be conducted in advance for obtaining National Pollutant Discharge Elimination System (NPDES) Permit.

E. Naturally occurring petroleum hydrocarbons may be encountered during bridge columns excavation. We recommend conducting tests for Total Petroleum Hydrocarbons (TPHs) for naturally occurring petroleum hydrocarbons, and hydrogen sulfide (H_2S) and methane gas (CH_4) if deep excavation and/or borings are proposed for bridge columns.

High Desert Corridor Alternatives Carried Forward For Further Analysis



Alternatives Carried Forward
California Department of Transportation
District 7, Los Angeles

0 1.25 2.5 5 7.5 10 Miles

Proposed Alternatives
A. B. D, E Proposed Variations

Map Created by Sharon He & Robert Wang 08/03/2011

Figure 1: Shows the Limits of Previous ISA and Current ISA

Figure 2: High Desert Corridor (HDC) Project – Aerial Photograph Showing Project Limits and Proposed Alternatives

Table 1. High Desert Corridor (HDC) Project- Parcels Affected by Design Alternatives
PROJECT LIMITS FROM 100TH STREET TO SAN BERNARDINO COUNTY LINE

Parcel No.	Potentially Impacted Parcels (APN)	Current Use	Remark or Resident Address (Built Year)
1	3028015034	Vacant Land	
2	3028015035	Vacant Land	
3	3028016007	Vacant Land	
4	3028015031	Vacant Land	
5	3028015025	Vacant Land	
6	3028016017	Vacant Land	
7	3028016018	Vacant Land	
8	3028016003	Vacant Land	
9	3028016005	Vacant Land	
10	3028016019	Vacant Land	
11	3028016020	Vacant Land	
12	3079006001	Vacant Land	
13	3028016023	Vacant Land	
14	3079007002	Vacant Land	
15	3079007003	Vacant Land	
16	3079007004	Vacant Land	
17	3079007005	Vacant Land	
18	3079007006	Vacant Land	
19	3079007007	Vacant Land	
20	3079007011	Vacant Land	
21	3079007012	Vacant Land	
22	3079008009	Vacant Land	
23	3079008008	Vacant Land	
24	3079007013	Vacant Land	
25	3079007014	Vacant Land	
26	3079008016	Vacant Land	
27	3079007020	Vacant Land	
28	3079008017	Vacant Land	
29	3079008024	Vacant Land	
30	3079007021	Vacant Land	
31	3079008023	Vacant Land	
32	3079006025	Vacant Land	
33	3079006064	Vacant Land	
34	3079006065	Vacant Land	
35	3079006069	Vacant Land	
36	3079006035	Vacant Land	
37	3079006041	Vacant Land	
38	3079006067	Vacant Land	
39	3079006070	Vacant Land	

40	3079006036	Vacant Land	
41	3079006045	Vacant Land	
42	3079006047	Vacant Land	
43	3079006037	Vacant Land	
44	3079006071	Vacant Land	
45	3079006049	Vacant Land	
46	3079006038	Vacant Land	
47	3079006050	Vacant Land	
48	3079006048	Vacant Land	
49	3079005025	Vacant Land	
50	3079012049	Vacant Land	
51	3079012053	Vacant Land	
52	3079011008	Vacant Land	
53	3079012043	Vacant Land	
54	3079012042	Vacant Land	
55	3079012012	Vacant Land	
56	3079012044	Vacant Land	
57	3079012048	Vacant Land	
58	3079012047	Vacant Land	
59	3079012046	Vacant Land	
60	3079012027	Vacant Land	
61	3079012014	Vacant Land	
62	3079005038	Vacant Land	
63	3079005030	Vacant Land	
64	3079005044	Vacant Land	
65	3079012017	Vacant Land	
66	3079012028	Vacant Land	
67	3079012029	Vacant Land	
68	3079012019	Vacant Land	
69	3079012016	Vacant Land	
70	3079012020	Vacant Land	
71	3079012021	Vacant Land	
72	3079012039	Vacant Land	
73	3079012040	Vacant Land	
74	3079012041	Vacant Land	
75	3079012032	Vacant Land	
76	3079012037	Vacant Land	
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121	3029018038	Vacant Land	
122	3029018032	Vacant Land	
123	3029018033	Single Family Residence	14660 E. Palmdale Blvd., Palmdale CA 93591 (1972)
124	3029018014	Single Family Residence	14720 E. Palmdale Blvd., Palmdale CA 93591 (1967)
125	3029018011	Vacant Land	
126	3029018019	Single Family Residence	14745 E. Avenue Q-14, Palmdale CA 93591 (1957)
127	3029018020	Vacant Land	

128	3029018023	Vacant Land	
129	3029018024	Vacant Land	
130	3029018022	Vacant Land	
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136	3029016011	Vacant Land	
137	3029016028	Vacant Land	
138	3029016033	Vacant Land	
139	3029016032	Vacant Land	
140	3029016009	Single Family Residence	15366 E. Palmdale Blvd., Palmdale CA 93591 (1951)
141	3029016013	Single Family Residence	15503 E. Avenue R, Littlerock, CA 93543 (1979)
142	3029016023	Vacant Land	
143	3029016025	Single Family Residence	15616 E. Palmdale Blvd., Palmdale CA 93591 (1929)
144	3029016014	Vacant Land*	15635 E. Avenue R, Littlerock CA 93543 (1930/1945)*
145	3029016015	Vacant Land	
146	3029016029	Vacant Land	
147	3029016030	Vacant Land	
148	3029016031	Vacant Land	
149	3029016026	Vacant Land	
150	3029016007	Vacant Land	
151	3075007001	Single Family Residence	16035 E. Avenue R, Palmdale CA 93591 (1934)
152	3075007009	Vacant Land	
153	3075007002	Vacant Land	
154	3075007003	Vacant Land	
155	3075007008	Vacant Land	
156	3075007010	Vacant Land	Correct APN Parcel Number
157	3075007007	Multi-Family Residence	16529 E. Avenue R, Llano CA 93544 (1928)
158	3075012004	Single Family Residence	38220 170th St. E., Lancaster, CA 93591 (1958)
159	3075012005	Vacant Land	
160	3075012013	Vacant Land	
161	3075012014	Vacant Land	
162	3075013012	Vacant Land	
163	3075013013	Vacant Land	
164	3075013004	Vacant Land	
165	3075013005	Vacant Land	
166	3075013001	Single Family Residence	38190 170th St. E., Lancaster CA 93591 (1956)
167	3075013002	Single Family Residence	38128 170th St. E., Lancaster CA 93591 (1957)
168	3075013003	Vacant Land	
169	3075013006	Vacant Land	
170	3075013011	Vacant Land	
171	3075013014	Vacant Land	

172	3075013017	Vacant Land	
173	3075013018	Vacant Land	
174	3075011007	Vacant Land	
175	3075011008	Vacant Land	
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178	3075011006	Vacant Land	
179	3075011004	Vacant Land	
180	3075011003	Vacant Land	
181	3075011015	Single Family Residence	17500 E. Palmdale Blvd., Llano CA 93544 (1950)
182	3075011017	Vacant Land	
183	3075011016	Vacant Land	
184	3030022016	Vacant Land	
185	3030022029	Vacant Land	
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203	3030021017	Vacant Land	
204	3030021016	Vacant Land	
205	3030021015	Vacant Land	
206	3030021014	Vacant Land	
207	3030021006	Single Family Residence	18726 E. Palmdale Blvd., Palmdale CA 93591 (1950)
208	3030021005	Single Family Residence	18742 E. Palmdale Blvd., Palmdale CA 93591 (1959)
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210	3030021003	Vacant Land	
211	3030021013	Vacant Land	
212	3030021900	Vacant Land	
213	3030021021	Vacant Land	
214	3030021023	Vacant Land	
215	3030021010	Vacant Land	

216	3030021002	Single Family Residence	18842 E. Palmdale Blvd., Palmdale CA 93591 (1957)
217	3030021001	Commercial/ Industrial	18846 E. Palmdale Blvd., Palmdale CA 93591 (1960)
218	3030017018	Vacant Land	
219	3030021026	Vacant Land	
220	3030021035	Single Family Residence	18650 E. Palmdale Blvd., Palmdale CA 93591 (1962)
221	3030021029	Vacant Land	
222	3030018001	Vacant Land	
223	3030018002	Vacant Land	
224	3030017019	Vacant Land	
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269	3030024024	Vacant Land	
270	3084003037	Vacant Land	
271	3030024016	Vacant Land	
272	3084003036	Vacant Land	
273	3084003022	Single Family Residence	38250 200th St. E., Lancaster CA 93591 (1953)
274	3084003023	Vacant Land	
275	3084003030	Vacant Land	
276	3084003016	Single Family Residence	20150 E. Ave. Q-10, Palmdale CA 93591 (1953)
277	3084003014	Vacant Land*	20210 E. Ave. Q-10, Palmdale CA 93591 (1958)*
278	3084003301	Vacant Land	
279	3084003029	Vacant Land*	38096 202nd St. E., Lancaster CA 93535 (1953)*
280	3084003028	Vacant Land*	20160 E. Ave. Q-12, Palmdale CA 93591 (1955)*
281	3084003012	Vacant Land	
282	3084003013	Vacant Land*	20228 E. Ave. Q-12, Palmdale CA 93591 (1953)*
283	3084003005	Vacant Land*	20241 E. Ave. Q-12, Palmdale CA 93591 (1954)*
284	3084003006	Single Family Residence	20306 E. Ave. Q-12, Palmdale CA 93591 (1981)
285	3084003032	Vacant Land	
286	3084003033	Single Family Residence	20340 E. Ave. Q-12, Palmdale CA 93591 (1956)
287	3084004009	Single Family Residence	20528 E. Ave. Q-12, Palmdale CA 93591 (1958)
288	3084003004	Vacant Land*	20240 E. Ave. Q-10, Palmdale CA 93591 (1958)*
289	3084003300	Vacant Land	
290	3084004004	Vacant Land*	20510 E. Ave. Q-10, Palmdale CA 93591*
291	3084004010	Single Family Residence	20538 E. Ave. Q-12, Palmdale CA 93591 (1953)
292	3084004006	Vacant Land	
293	3084004007	Vacant Land	
294	3084004011	Vacant Land*	20606 E. Ave. Q-12, Lancaster CA 93591*
295	3084004012	Vacant Land*	20638 E. Ave. Q-12, Lancaster CA 93591*
296	3084004008	Single Family Residence	20635 E. Ave. Q-12, Palmdale CA 93591 (1954)
297	3084004024	Single Family Residence	20730 E. Ave. Q-10, Palmdale CA 93591 (1954)
298	3084004020	Vacant Land*	20703 E. Ave. Q-14, Palmdale CA 93591*
299	3084004021	Vacant Land*	20753 E. Ave. Q-14, Palmdale CA 93591*
300	3084004025	Vacant Land*	20738 E. Ave. Q, Lancaster CA 93591*
301	3084004022	Vacant Land*	20823 E. Ave. Q-14, Palmdale CA 93591*
302	3084004023	Vacant Land	
303	3084004026	Vacant Land*	20832 E. Ave. Q-12, Palmdale CA 93591 (1955)*

304	3084004027	Vacant Land	
305	3084007003	Vacant Land	
306	3084007004	Vacant Land	
307	3084007038	Vacant Land	
308	3084007010	Vacant Land	
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335	3084011017	Vacant Land	
336	3084011016	Vacant Land	
337	3084011011	Vacant Land	
338	3084011015	Single Family Residence	22120 E. Palmdale Blvd., Palmdale CA 93591 (1955)
339	3084011014	Vacant Land	
340	3084011010	Single Family Residence	22210 E. Palmdale Blvd., Palmdale CA 93591 (1991)
341	3084011012	Vacant Land	
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354	3084012010	Vacant Land	
355	3084012022	Vacant Land	
356	3084012007	Vacant Land	
357	3084012005	Vacant Land	
358	3084012004	Vacant Land	
359	3084012003	Single Family Residence	38227 230th St. E., Lancaster, CA 93591 (1929)
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363	3091019038	Vacant Land	
364	3091019043	Vacant Land	
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366	3091019042	Vacant Land	
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368	3091019033	Vacant Land	
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371	3091019014	Vacant Land	
372	3091019035	Vacant Land	
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380	3091020011	Vacant Land	
381	3091020012	Vacant Land	
382	3091020019	Vacant Land	
383	3091020020	Vacant Land	
384	3091021018	Vacant Land*	24000 E. Palmdale Blvd., Lancaster CA 93591 (1946)*
385	3091021017	Vacant Land	
386	3091023004	Vacant Land	
387	3091023005	Vacant Land	
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399	3091023018	Vacant Land	
400	3091023023	Vacant Land	
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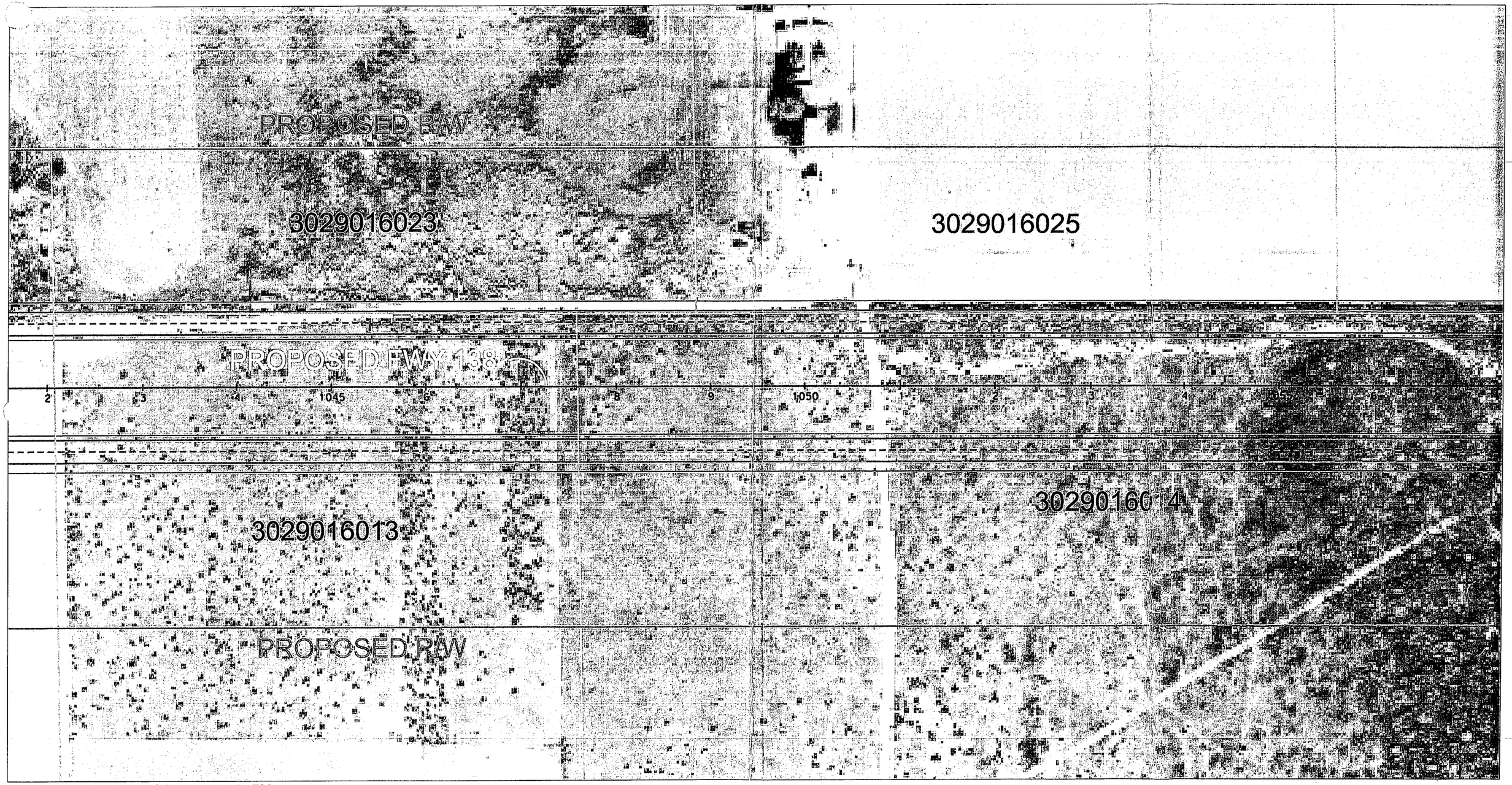
402	320003104		San Barnardino County
403	320003105		San Barnardino County
404	320003106		San Barnardino County
405	320004101		San Barnardino County
406	320007101		San Barnardino County
407	320008102		San Barnardino County
408	320008101		San Barnardino County

Parcel Information was taken from the Los Angeles County, Office of the Assessor

* Local address was obtained from Office of the Assessor but no building was observed during site visit

APPENDIX A

List of Parcels Affected by Design Alternatives and Aerial Photographs showing Proposed Right of Way (R/W) and Affected Parcels (From 100th Street to San Berbardino County Line)



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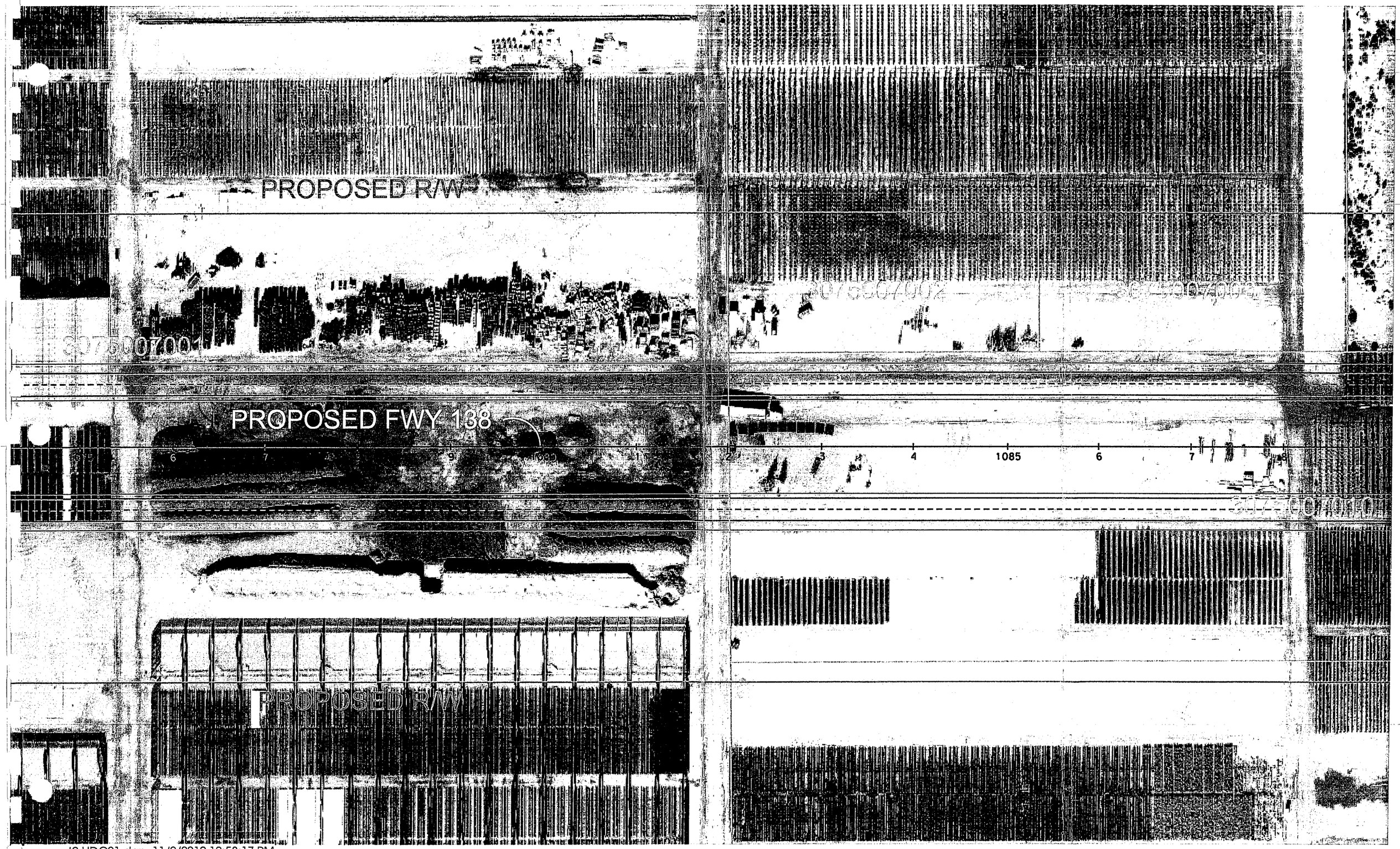

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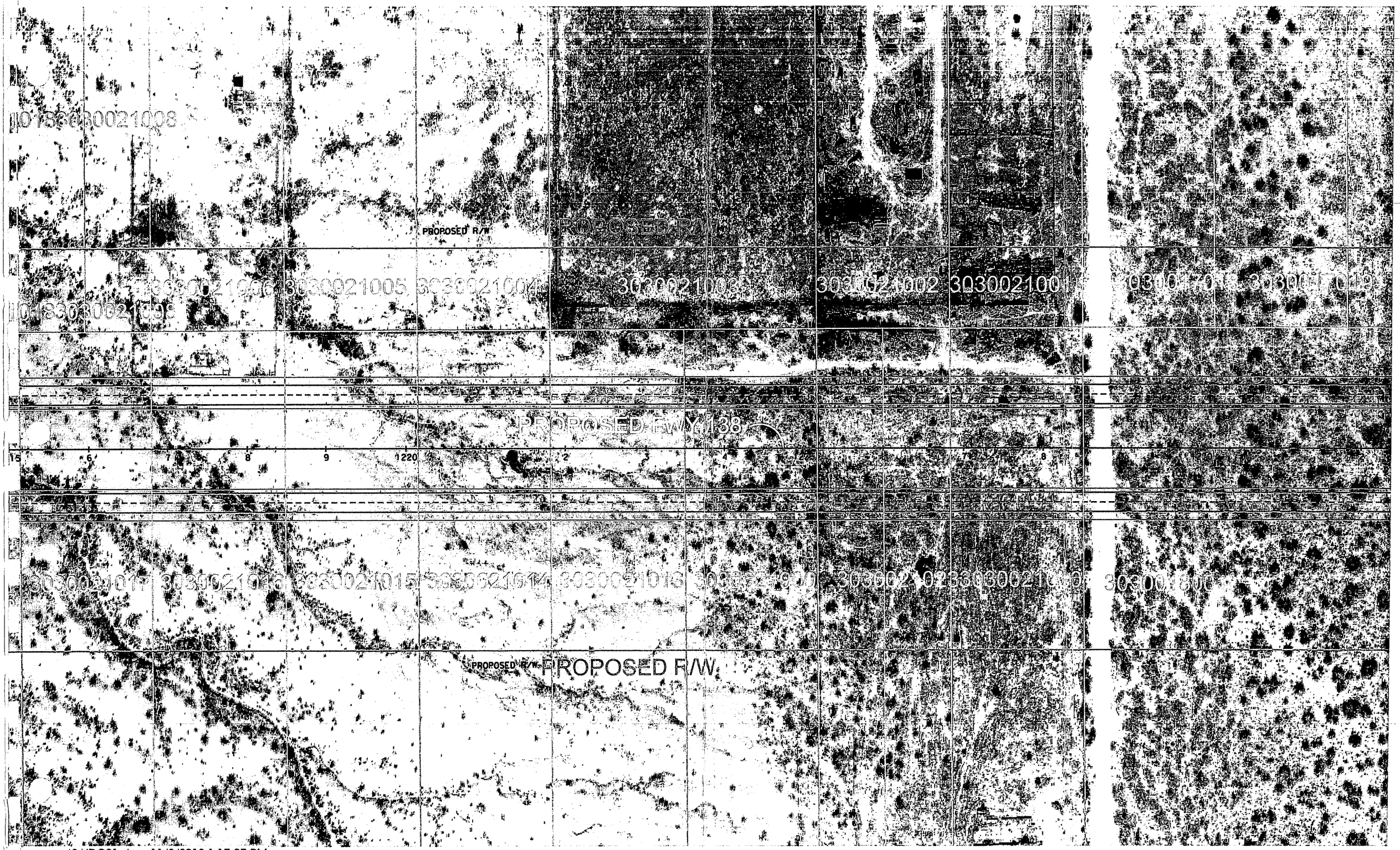

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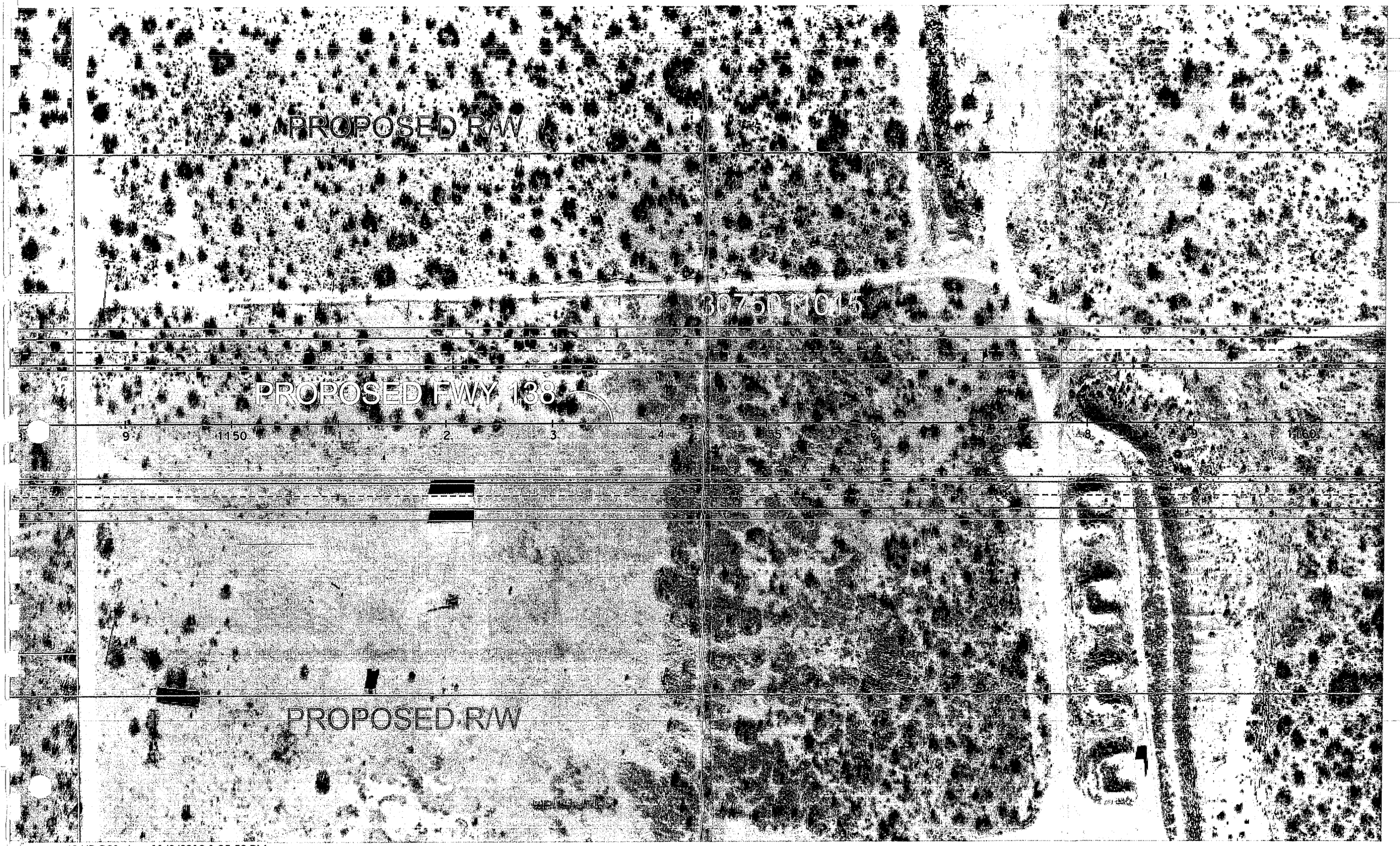

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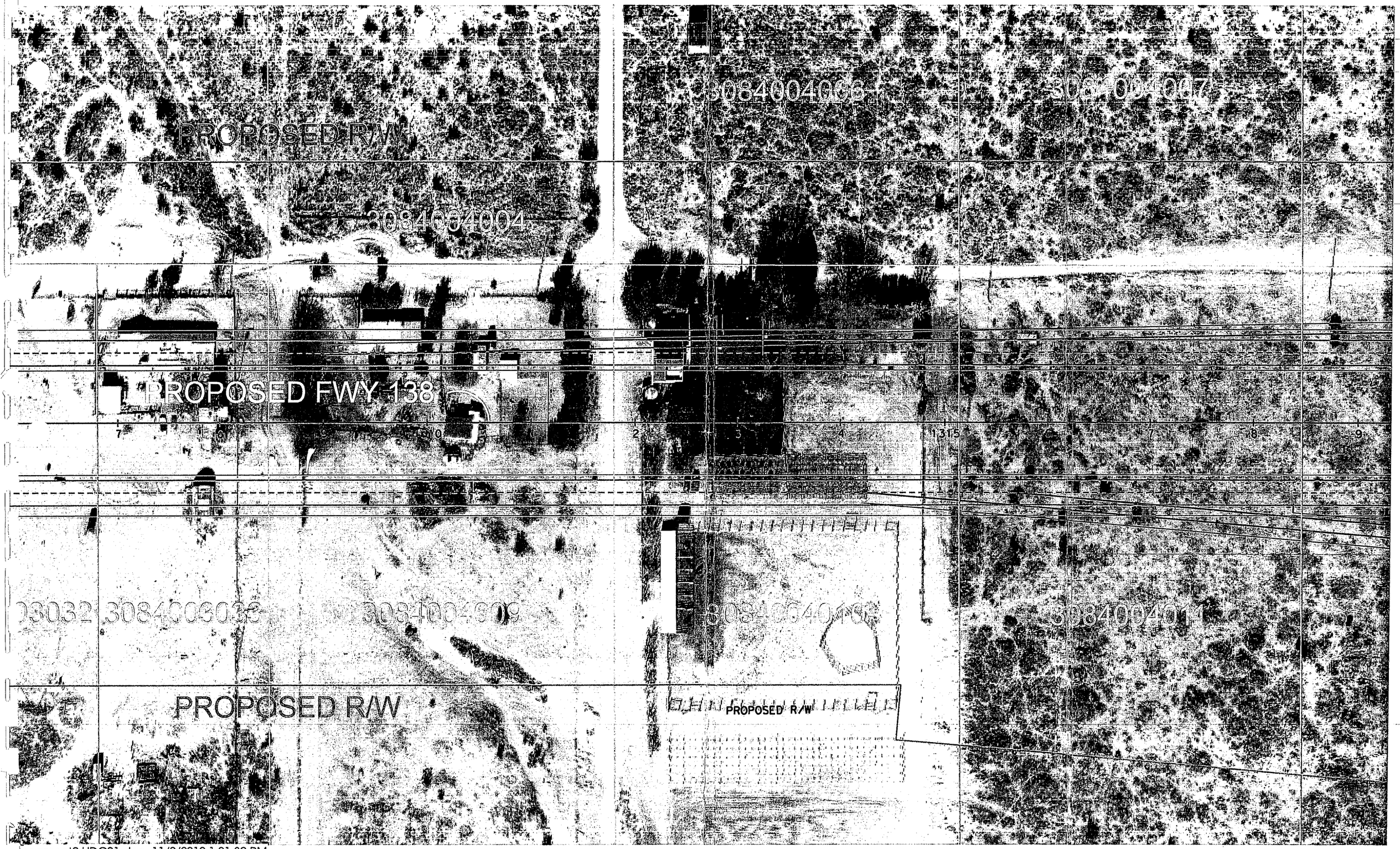

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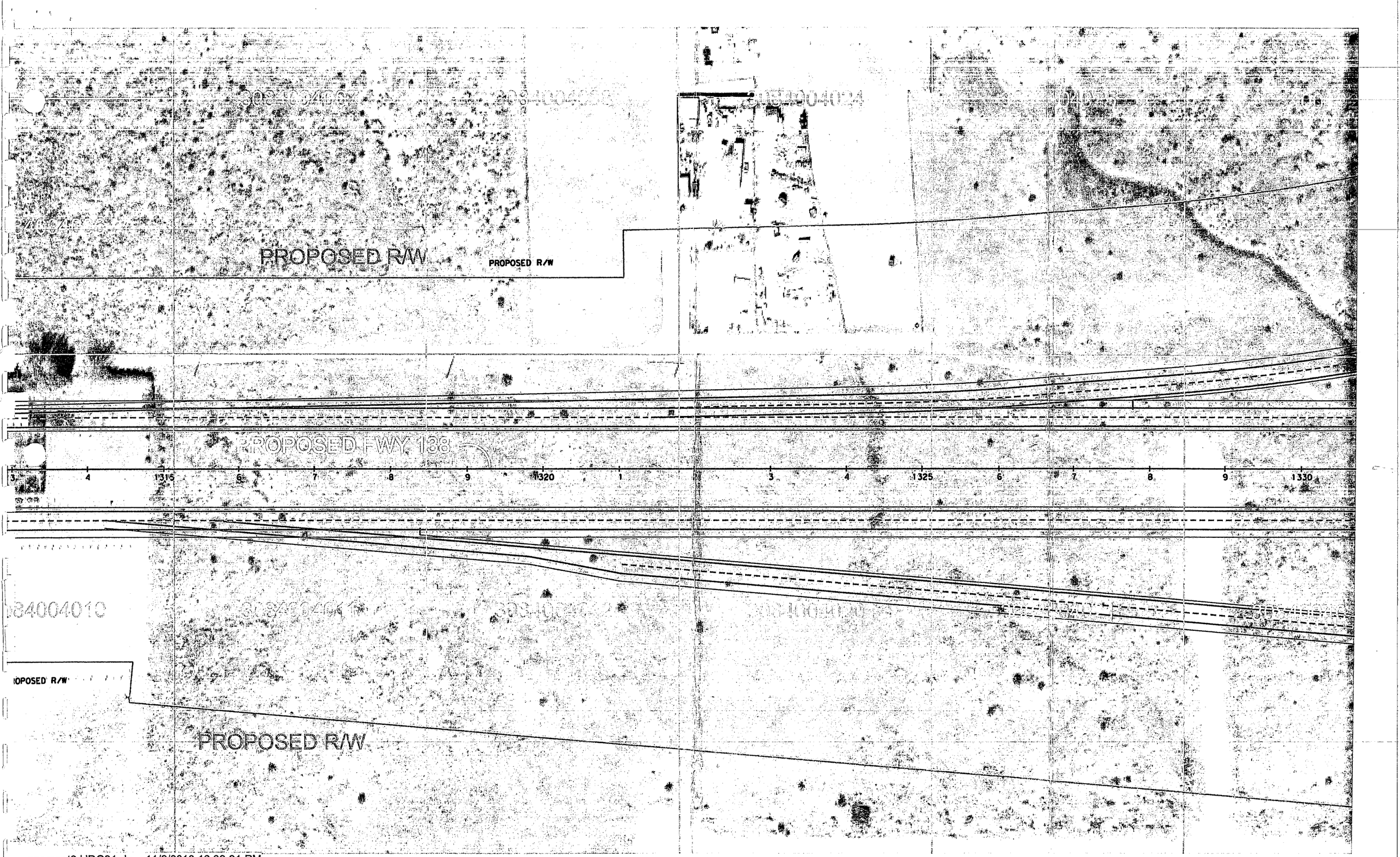

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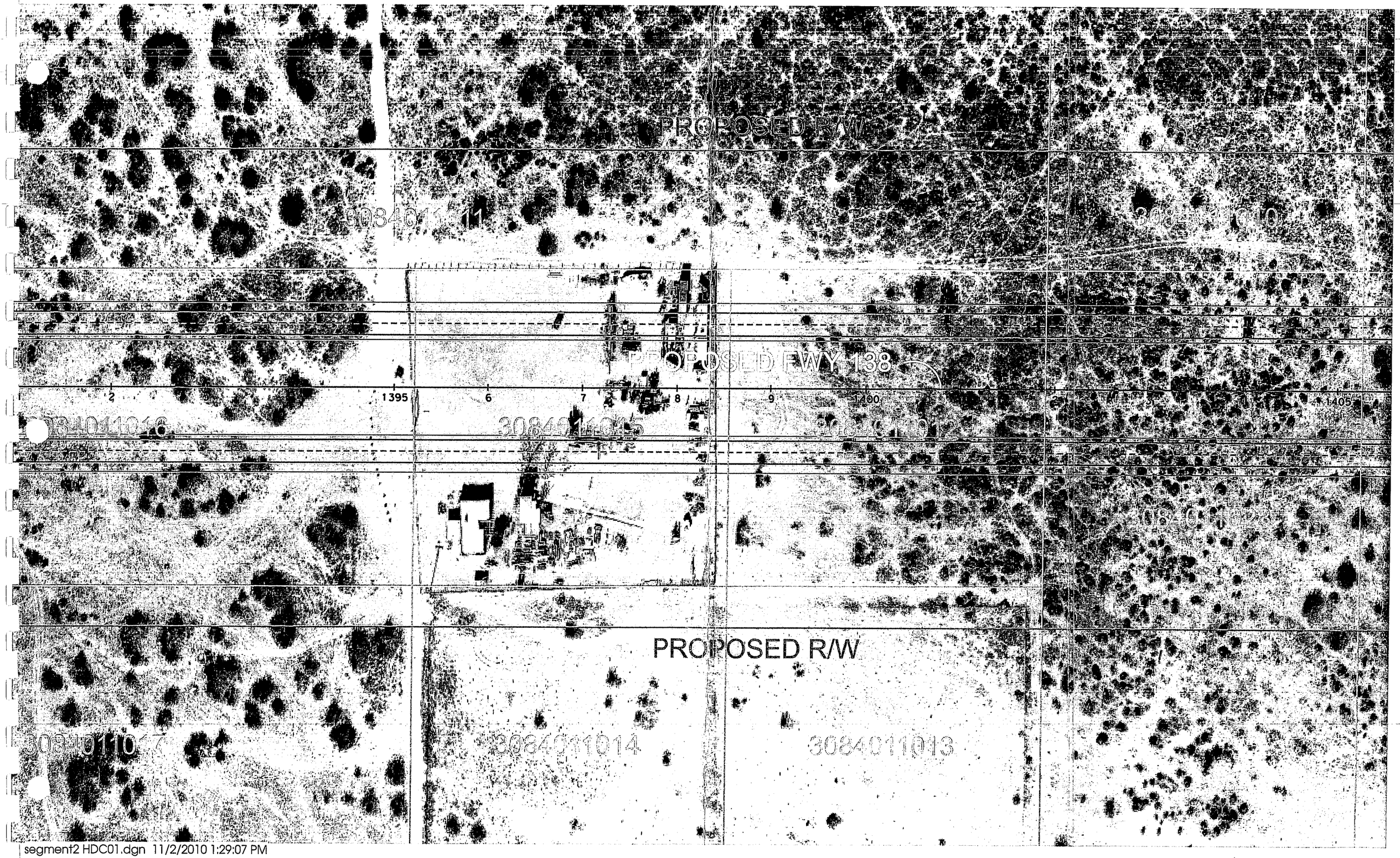

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164	3075013004
165	3075013005
166	3075013001
167	3075013002
168	3075013003
169	3075013006
170	3075013011
171	3075013014
172	3075013017
173	3075013018
174	3075011007
175	3075011008
176	3075011010
177	3075011009
178	3075011006
179	3075011004
180	3075011003
181	3075011015
182	3075011017
183	3075011016
184	3030022016

185	3030022029
186	3030022030
187	3030022022
188	3030022024
189	3030022031
190	3030022032
191	3030022025
192	3030022017
193	3030021030
194	3030021037
195	3030021032
196	3030021033
197	3030021034
198	3030021039
199	3030021038
200	3030021025
201	3030021018
202	3030021008
203	3030021017
204	3030021016
205	3030021015
206	3030021014
207	3030021006
208	3030021005
209	3030021004
210	3030021003
211	3030021013
212	3030021900
213	3030021021
214	3030021023
215	3030021010
216	3030021002
217	3030021001
218	3030017018
219	3030021026
220	3030021035
221	3030021029
222	3030018001
223	3030018002
224	3030017019
225	3030017002
226	3030017003
227	3030017014
228	3030017015
229	3030017004
230	3030017005
231	3030017006

232	3030017007
233	3030017008
234	3030017009
235	3030017010
236	3030018003
237	3030018004
238	3030018008
239	3030018009
240	3030017016
241	3030017020
242	3030017021
243	3030017012
244	3030018006
245	3030018007
246	3030017013
247	3030016001
248	3030024007
249	3030024008
250	3030024041
251	3030024033
252	3030016030
253	3030016029
254	3030016003
255	3030024010
256	3030024011
257	3030024013
258	3030024014
259	3030016004
260	3030016016
261	3030016005
262	3030024025
263	3030024030
264	3030016017
265	3030016018
266	3030024027
267	3030024028
268	3030024029
269	3030024024
270	3084003037
271	3030024016
272	3084003036
273	3084003022
274	3084003023
275	3084003030
276	3084003016
277	3084003014
278	3084003301

279	3084003029
280	3084003028
281	3084003012
282	3084003013
283	3084003005
284	3084003006
285	3084003032
286	3084003033
287	3084004009
288	3084003004
289	3084003300
290	3084004004
291	3084004010
292	3084004006
293	3084004007
294	3084004011
295	3084004012
296	3084004008
297	3084004024
298	3084004020
299	3084004021
300	3084004025
301	3084004022
302	3084004023
303	3084004026
304	3084004027
305	3084007003
306	3084007004
307	3084007038
308	3084007010
309	3084007032
310	3084007031
311	3084007022
312	3084007021
313	3084007020
314	3084007019
315	3084007029
316	3084007030
317	3084007023
318	3084007017
319	3084007018
320	3084007012
321	3084009013
322	3084008005
323	3084009012
324	3084009008
325	3084009007

326	3084008006
327	3084008014
328	3084009006
329	3084009005
330	3084009003
331	3084008016
332	3084008015
333	3084009001
334	3084008017
335	3084011017
336	3084011016
337	3084011011
338	3084011015
339	3084011014
340	3084011010
341	3084011012
342	3084011013
343	3084011023
344	3084011024
345	3084011009
346	3084011006
347	3084011005
348	3084011025
349	3084011026
350	3084011004
351	3084011001
352	3084012018
353	3084012028
354	3084012010
355	3084012022
356	3084012007
357	3084012005
358	3084012004
359	3084012003
360	3091019020
361	3091019029
362	3091019030
363	3091019038
364	3091019043
365	3091019041
366	3091019042
367	3091019036
368	3091019033
369	3091019034
370	3091019037
371	3091019014
372	3091019035

373	3091019026
374	3091020018
375	3091020017
376	3091020016
377	3091020001
378	3091020009
379	3091020010
380	3091020011
381	3091020012
382	3091020019
383	3091020020
384	3091021018
385	3091021017
386	3091023004
387	3091023005
388	3091023006
389	3091023007
390	3091023012
391	3091023010
392	3091023009
393	3091023002
394	3091023011
395	3091023022
396	3091023019
397	3091023020
398	3091023021
399	3091023018
400	3091023023
401	320003103
402	320003104
403	320003105
404	320003106
405	320004101
406	320007101
407	320008102
408	320008101

APPENDIX B

Aerial Photographs (Google Maps) within Project Study Limits

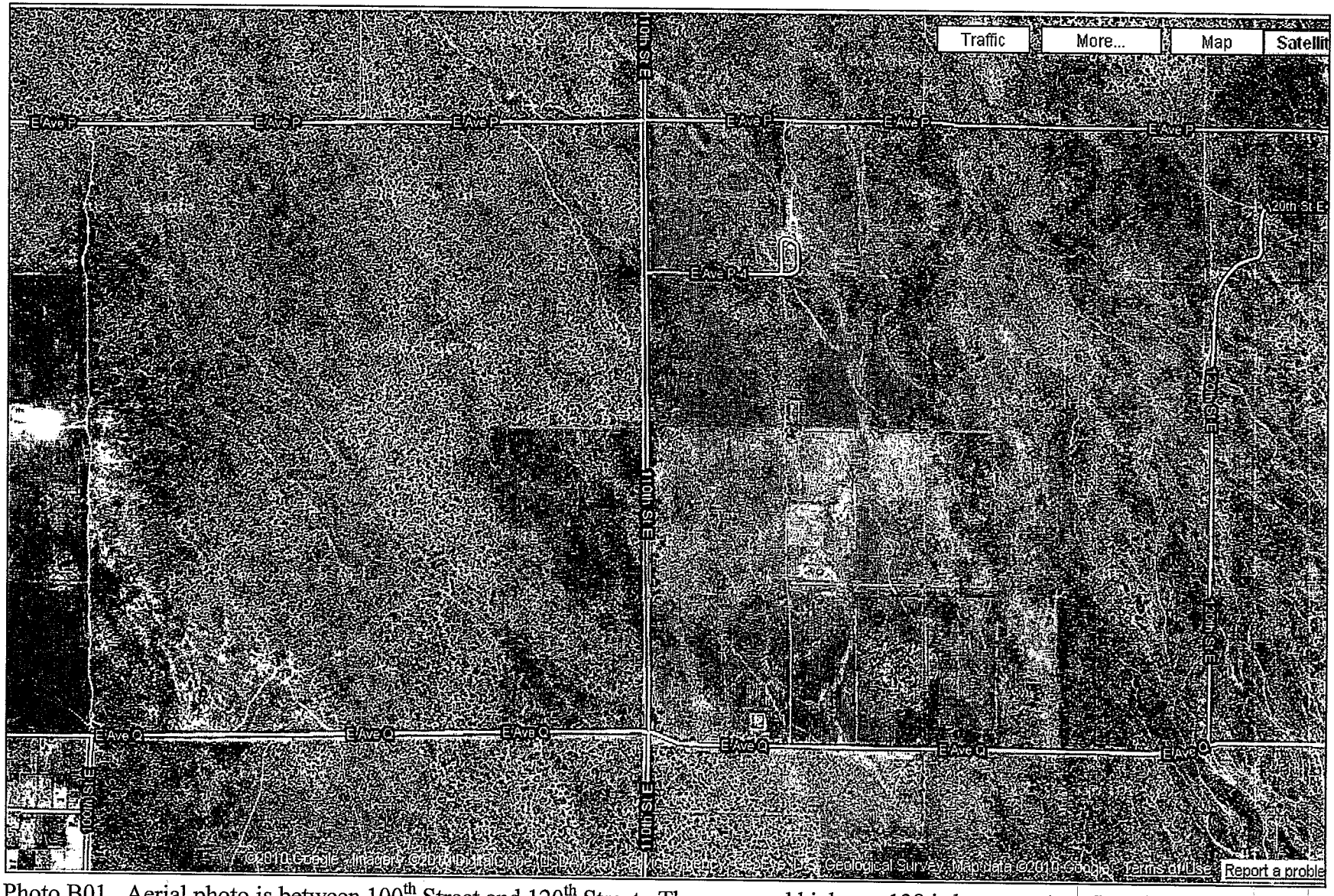


Photo B01. Aerial photo is between 100th Street and 120th Street. The proposed highway 138 is between Ave. P and Ave. Q.

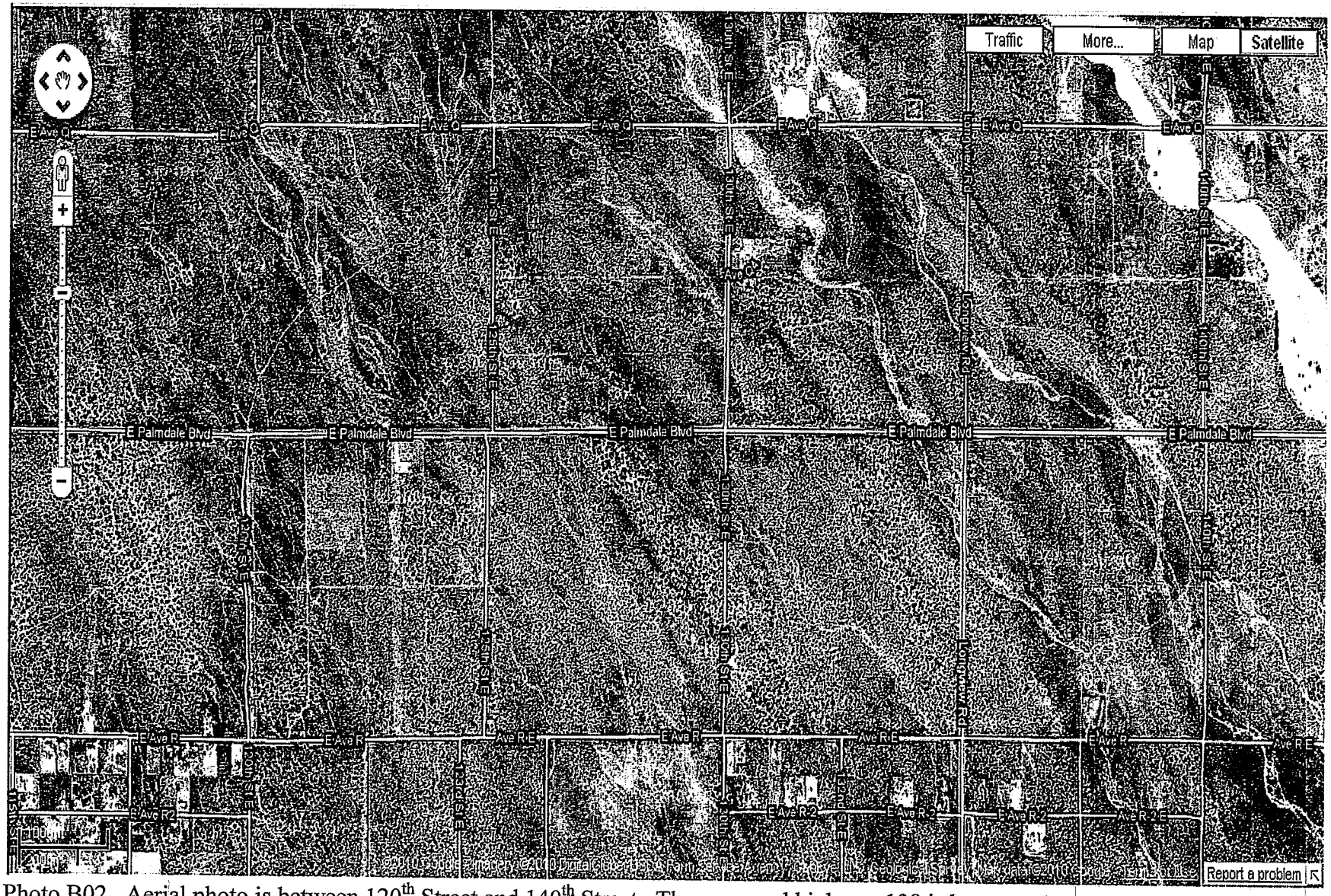


Photo B02. Aerial photo is between 120th Street and 140th Street. The proposed highway 138 is between Ave. Q and Ave. R.

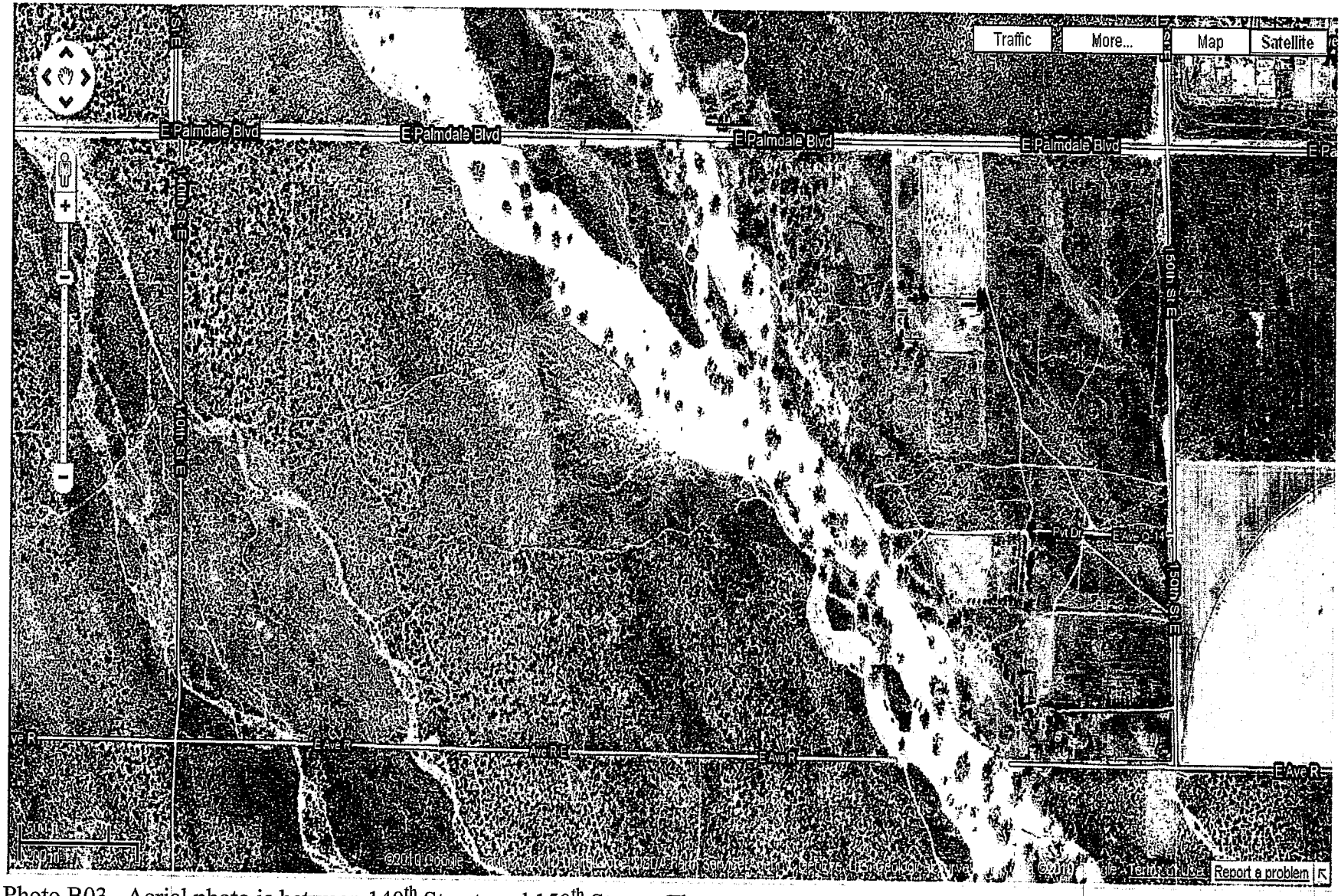


Photo B03. Aerial photo is between 140th Street, and 150th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

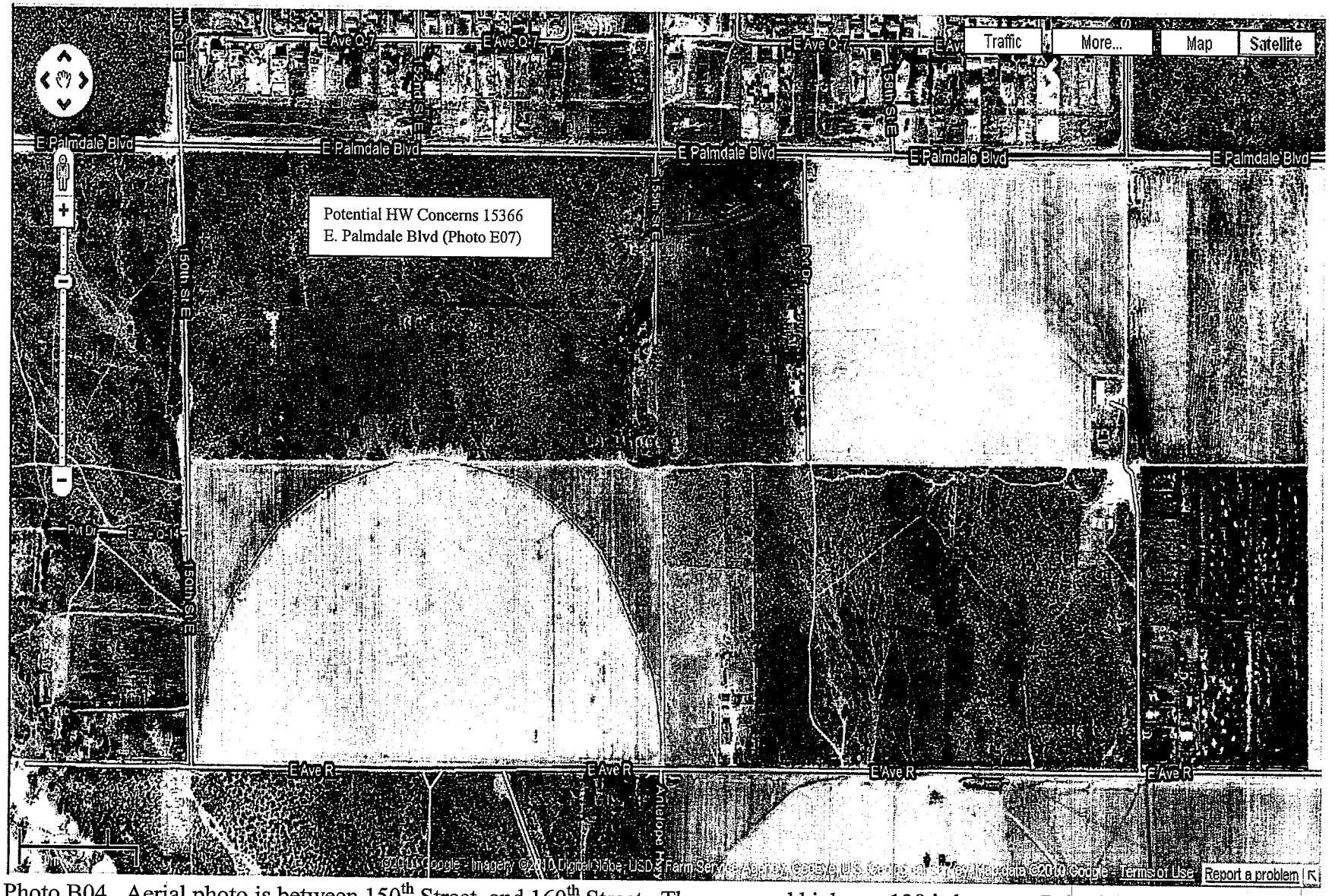


Photo B04. Aerial photo is between 150th Street, and 160th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

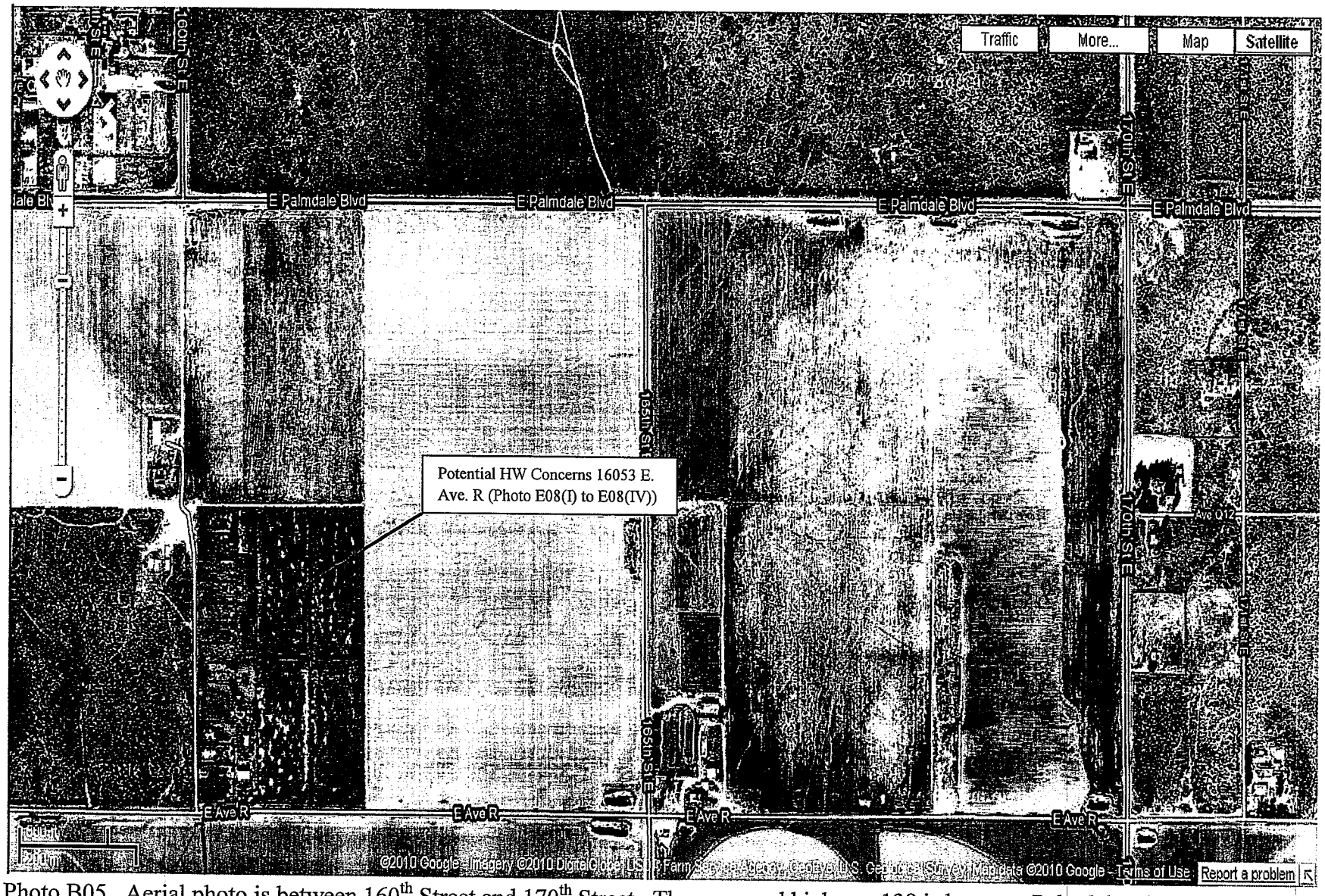


Photo B05. Aerial photo is between 160th Street and 170th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

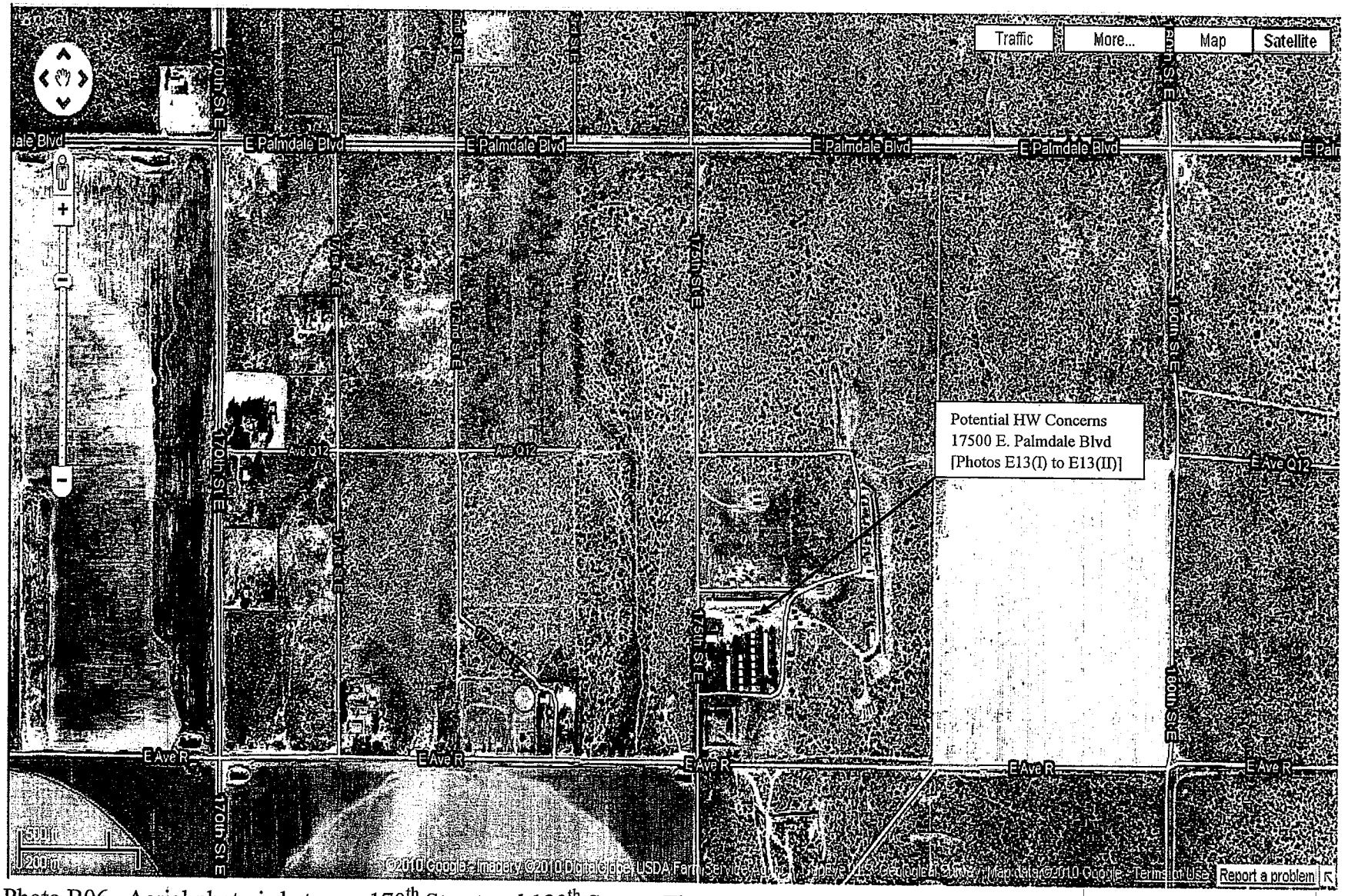


Photo B06. Aerial photo is between 170th Street and 180th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

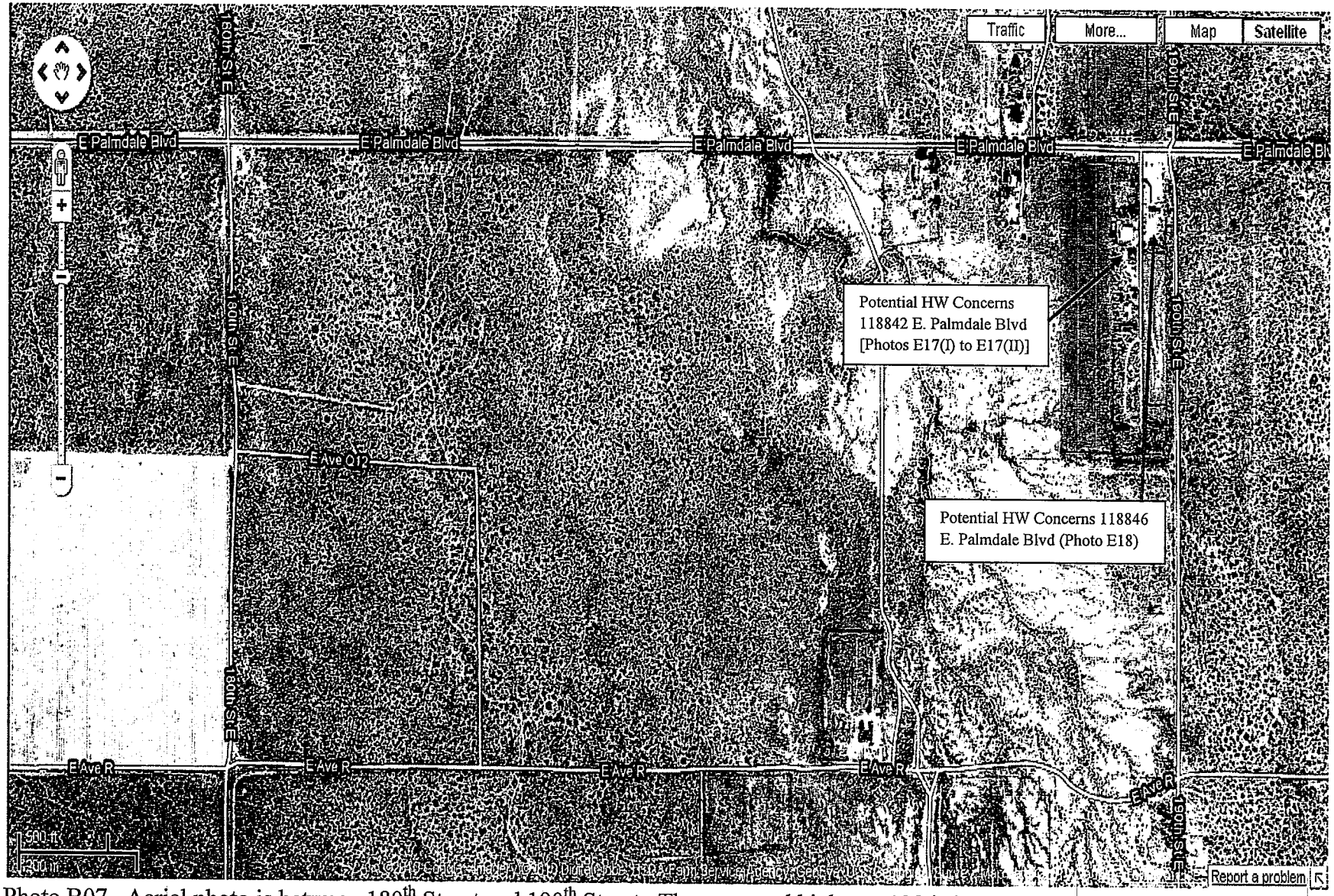


Photo B07. Aerial photo is between 180th Street and 190th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

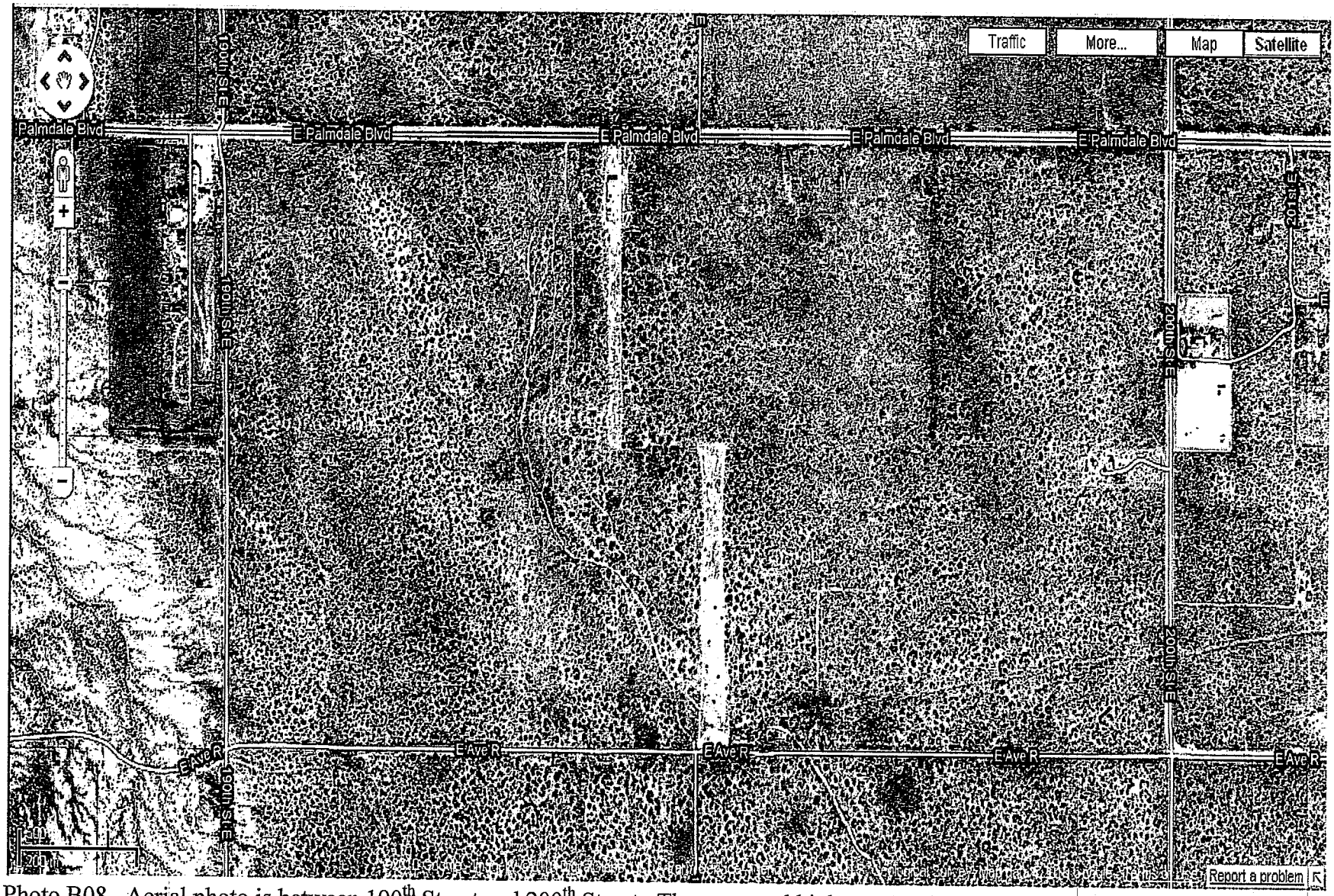


Photo B08. Aerial photo is between 190th Street and 200th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

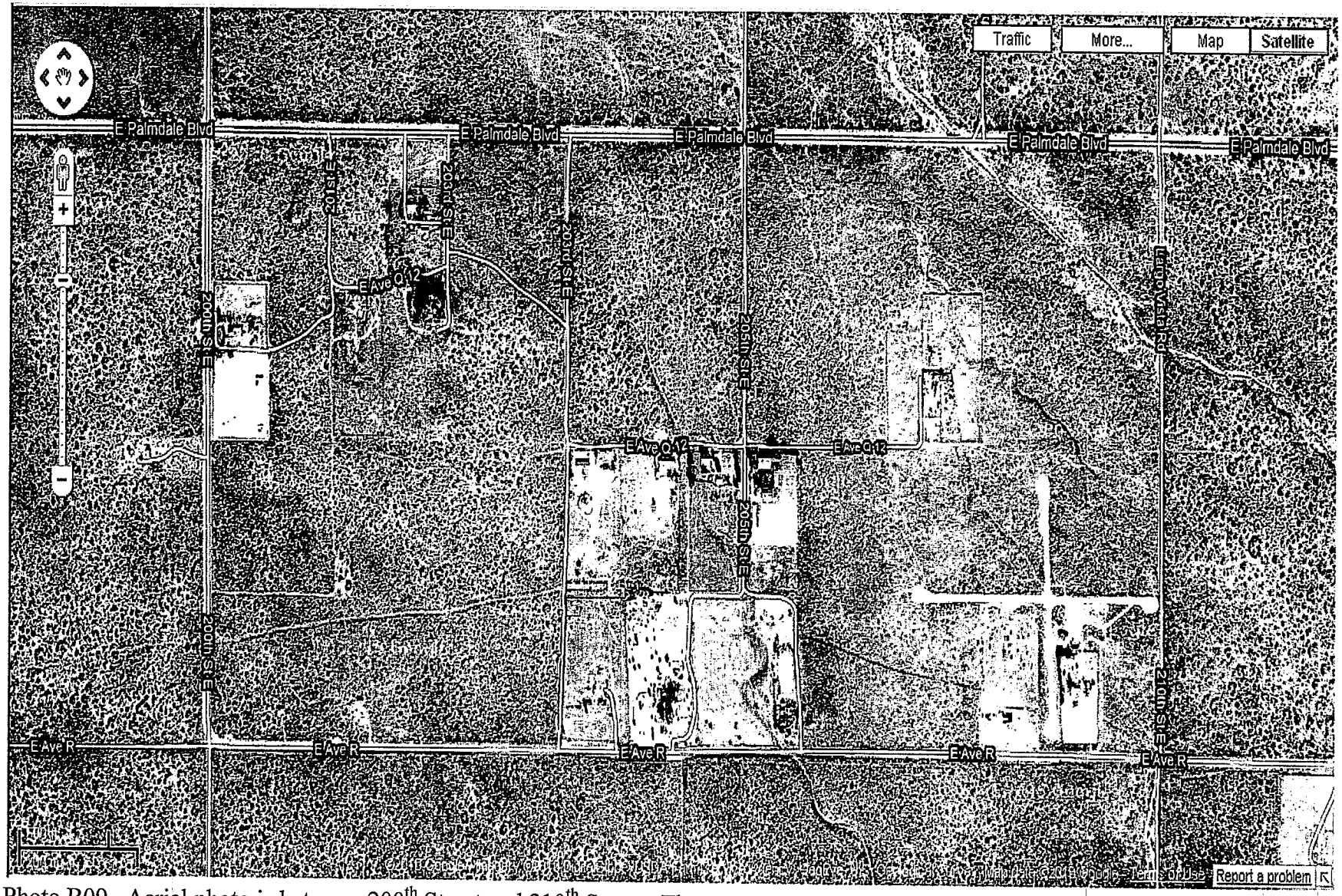


Photo B09. Aerial photo is between 200th Street and 210th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

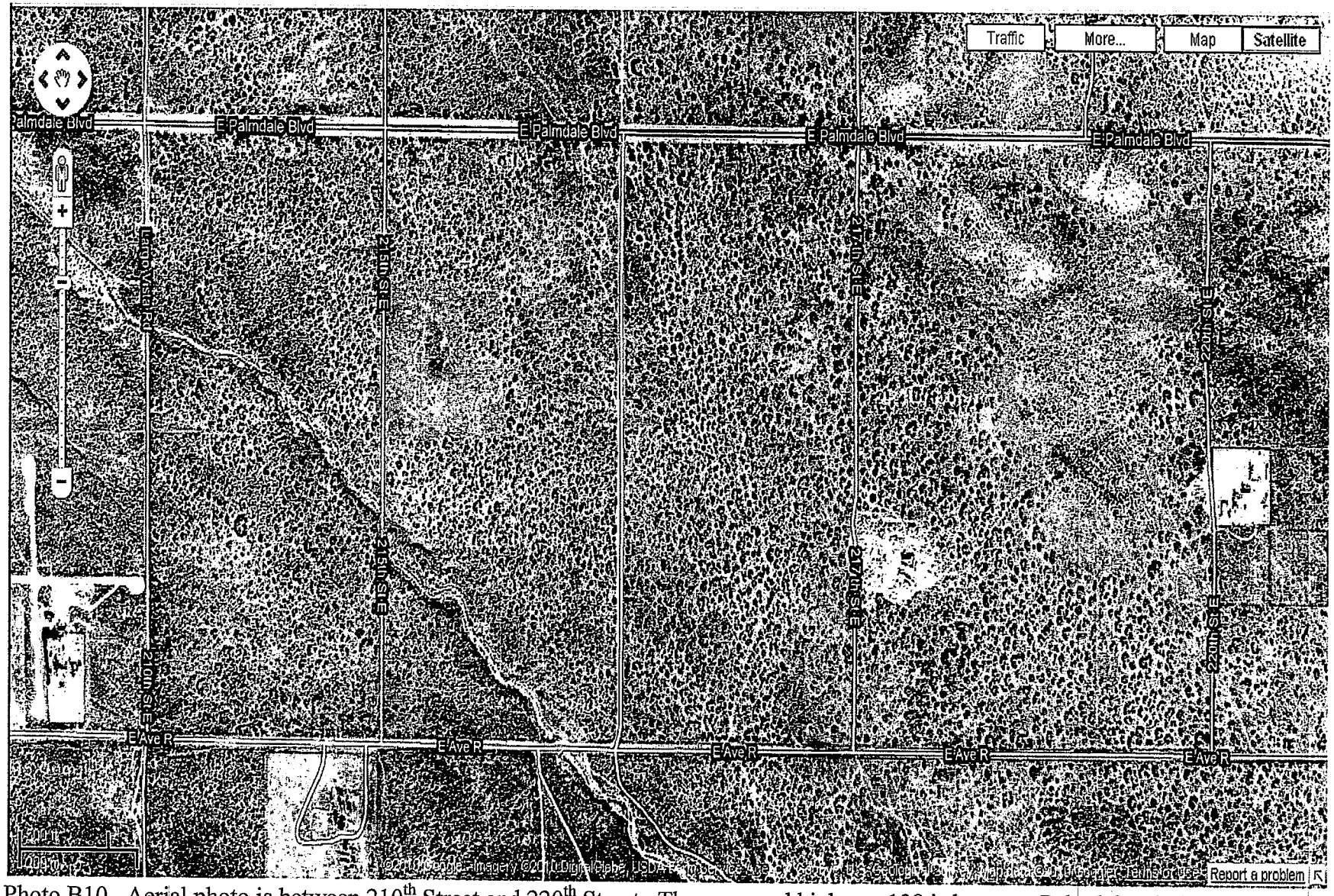


Photo B10. Aerial photo is between 210th Street and 220th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

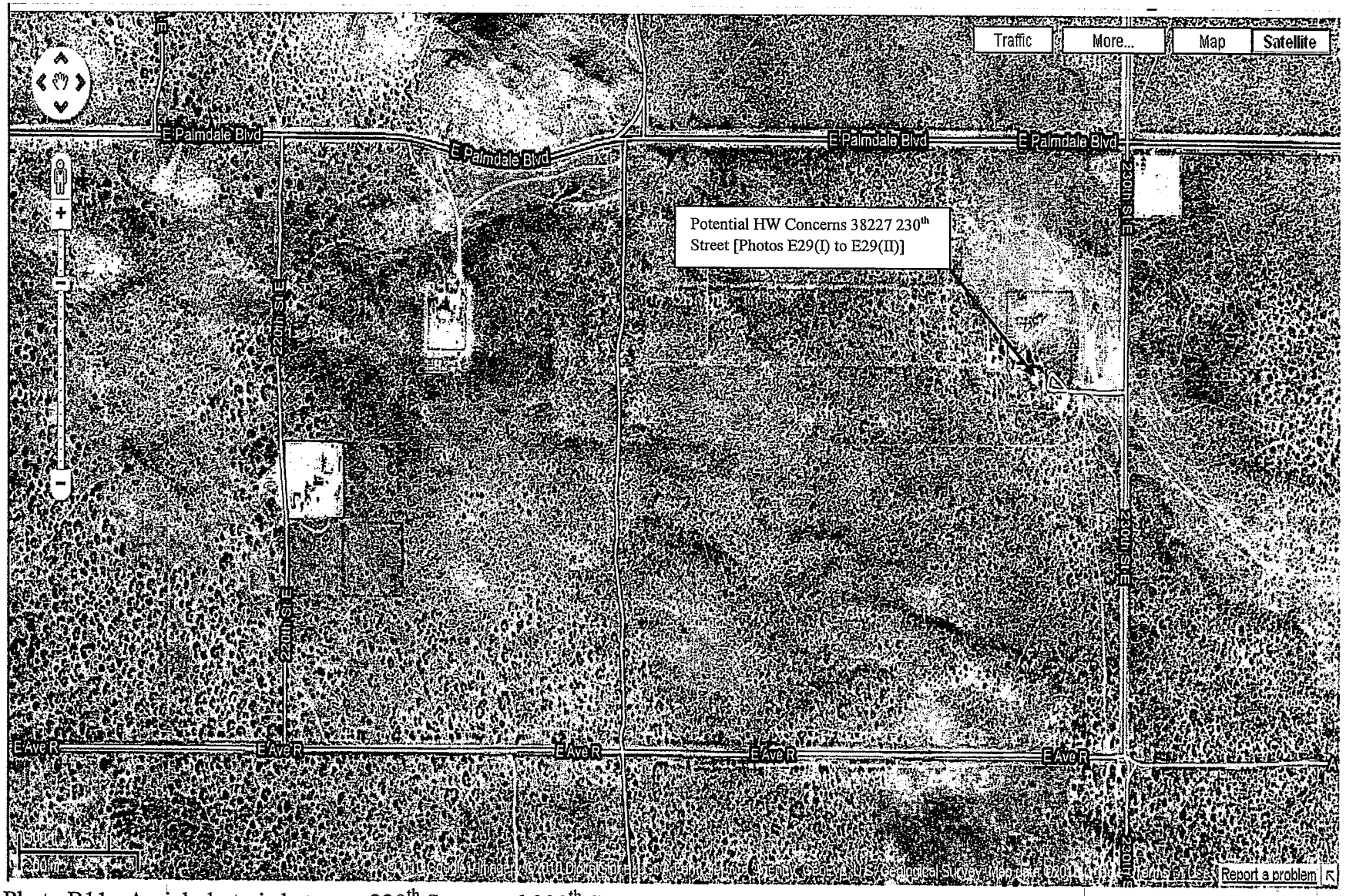


Photo B11. Aerial photo is between 220th Street and 230th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

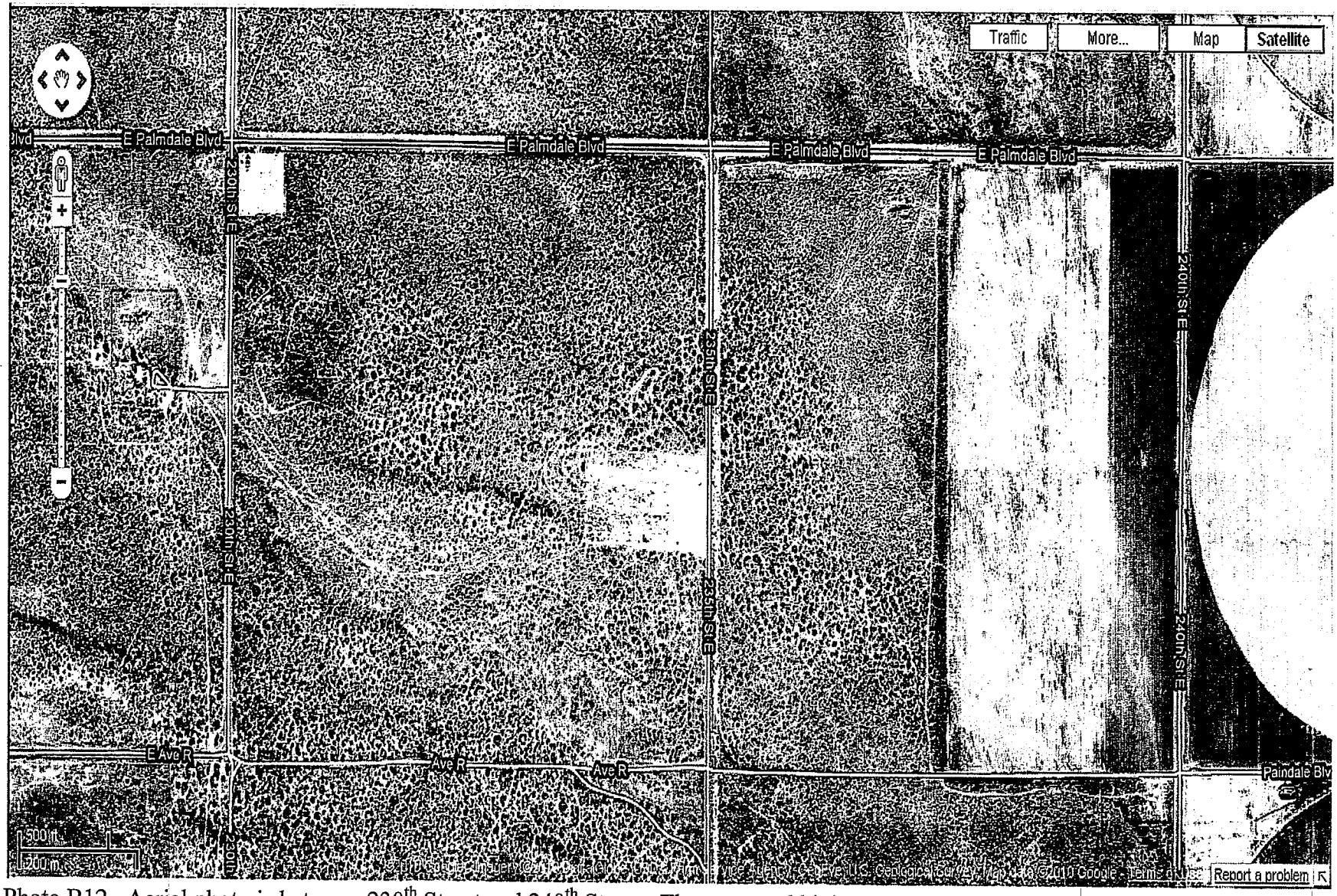


Photo B12. Aerial photo is between 230th Street and 240th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

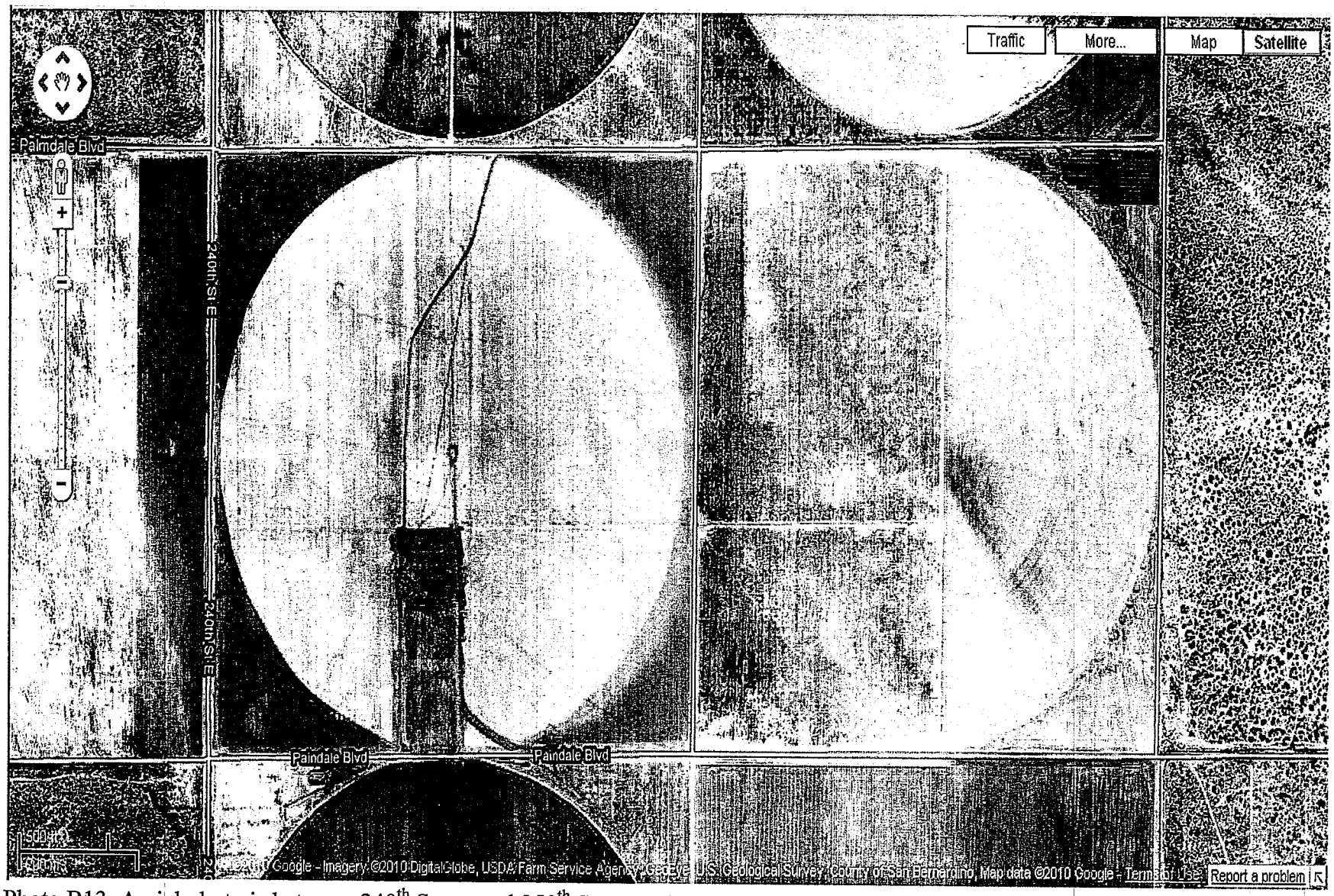


Photo B13. Aerial photo is between 240th Street and 250th Street. The proposed highway 138 is between the extending Palmdale Blvd. and the extending Ave. R. from 240th Street.

Photo B14. Aerial photo is between 250th Street and 260th Street. The proposed highway 138 is between the extending Palmdale Blvd. and the extending Ave. R. from 240th Street.

Photo B15. Aerial photo is between 260th Street and Los Angeles/ San Bernardino County Line (Not Showing in the Photo). The proposed highway 138 is between the extending Palmdale Blvd. and the extending Ave. R. from 240th Street.

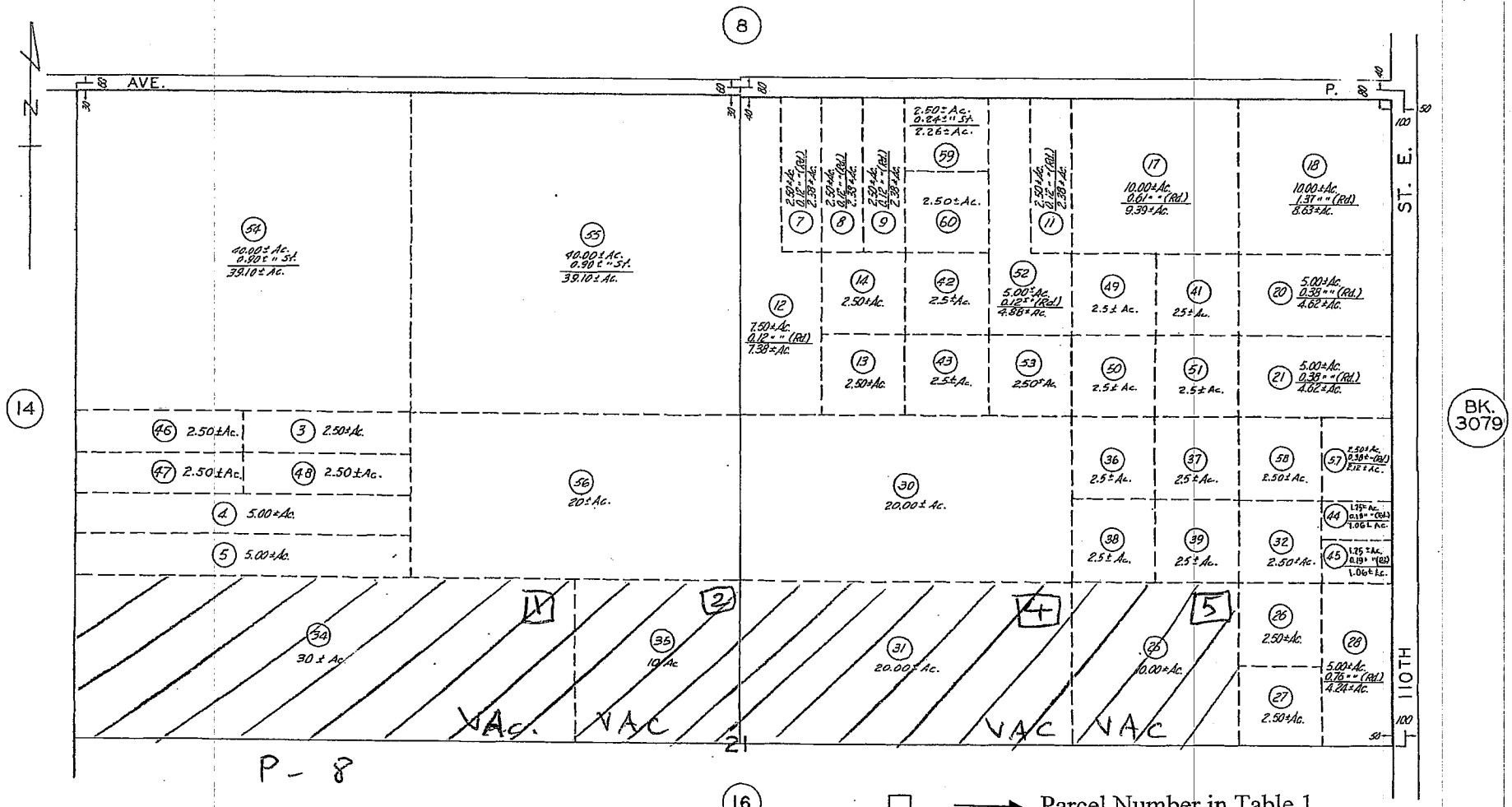
APPENDIX C

Assessor's Map for Parcels Affected by Design Alternatives

3028 | 15

SCALE 1" = 400'

700327628
700520604
701002
701026501
710325615
710715605
710824413
720509202
721109807
741223809
750428603
770324808



CODE
4709

FOR PREV. ASSM'T SEC:
3026 - 17

T.6N., R.10W.

Parcel Number in Table 1

Parcels Affected by Design Alternatives

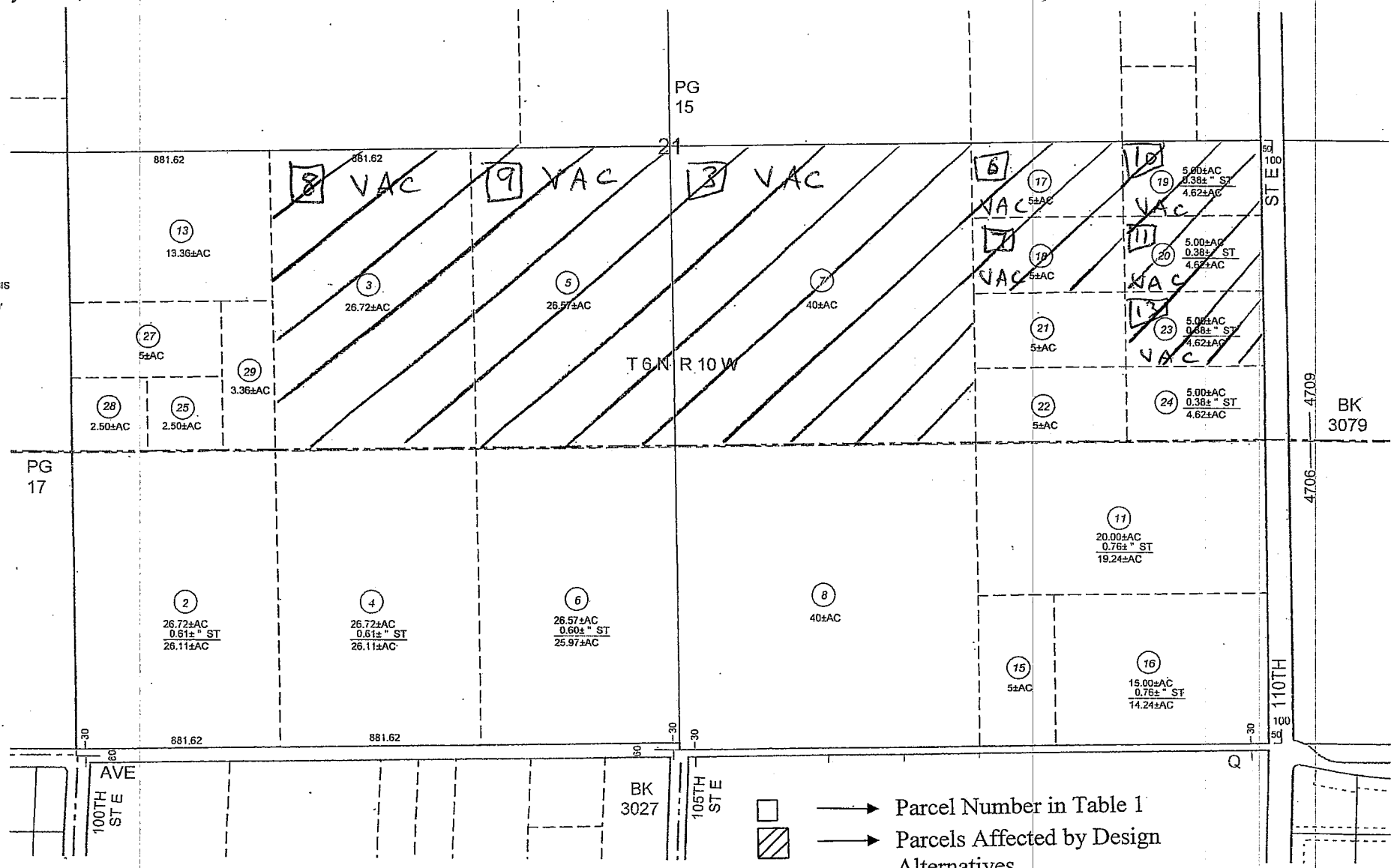
VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

ESSOR'S MAP
LOS ANGELES, CALIF.

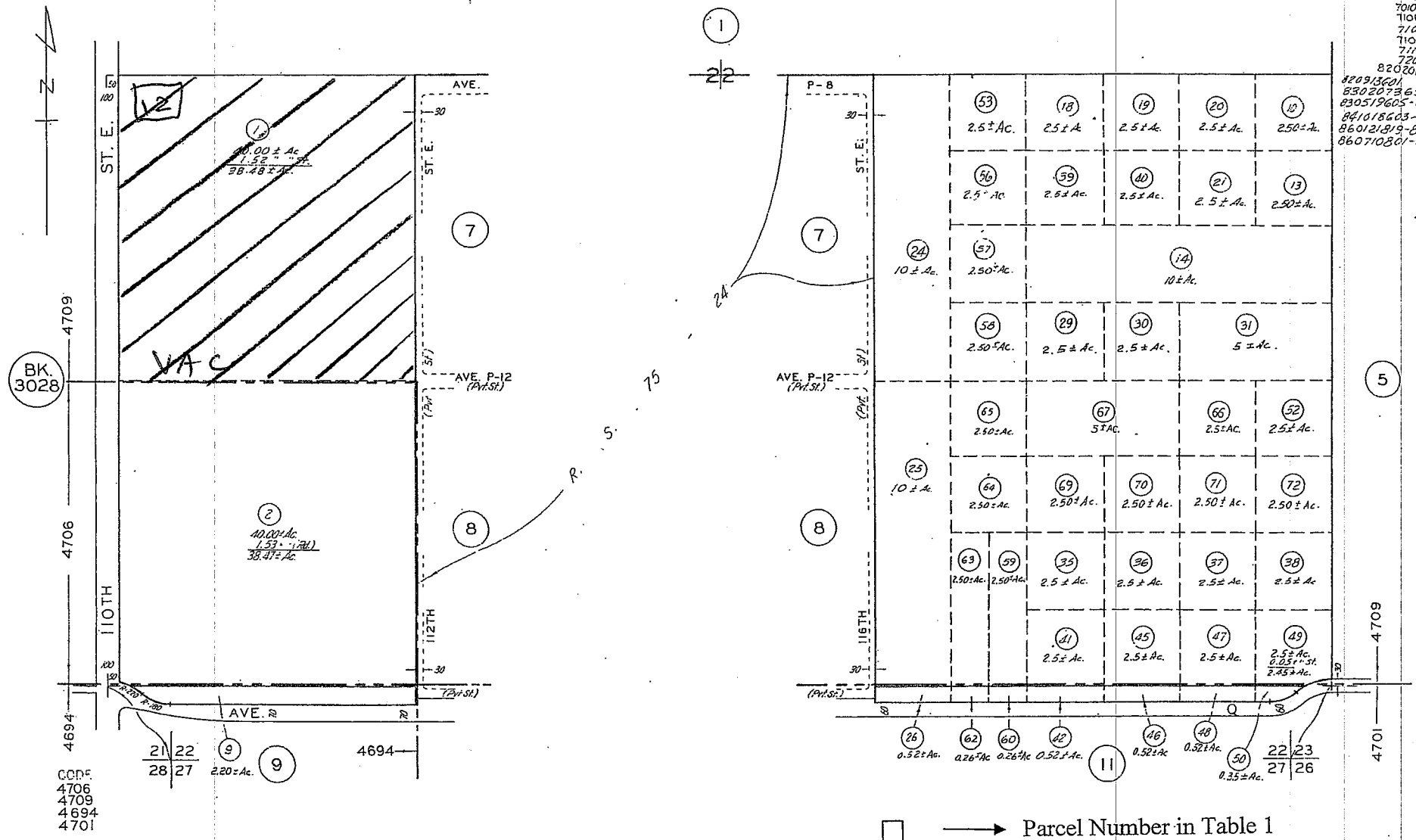
3028	16 SHEET	P. A. 3026-17	TRA 4706 4709	REVISED 2003073007006001-A1 2008102202008001-A1					SEARCH NO		OFFICE OF THE ASSESSO COUNTY OF LOS ANGELE COPYRIGHT © 2002

2009



3079 | 6

SCALE 1" = 400'



T.6N., R.10W.

S MAP
NGELES CALIF.

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

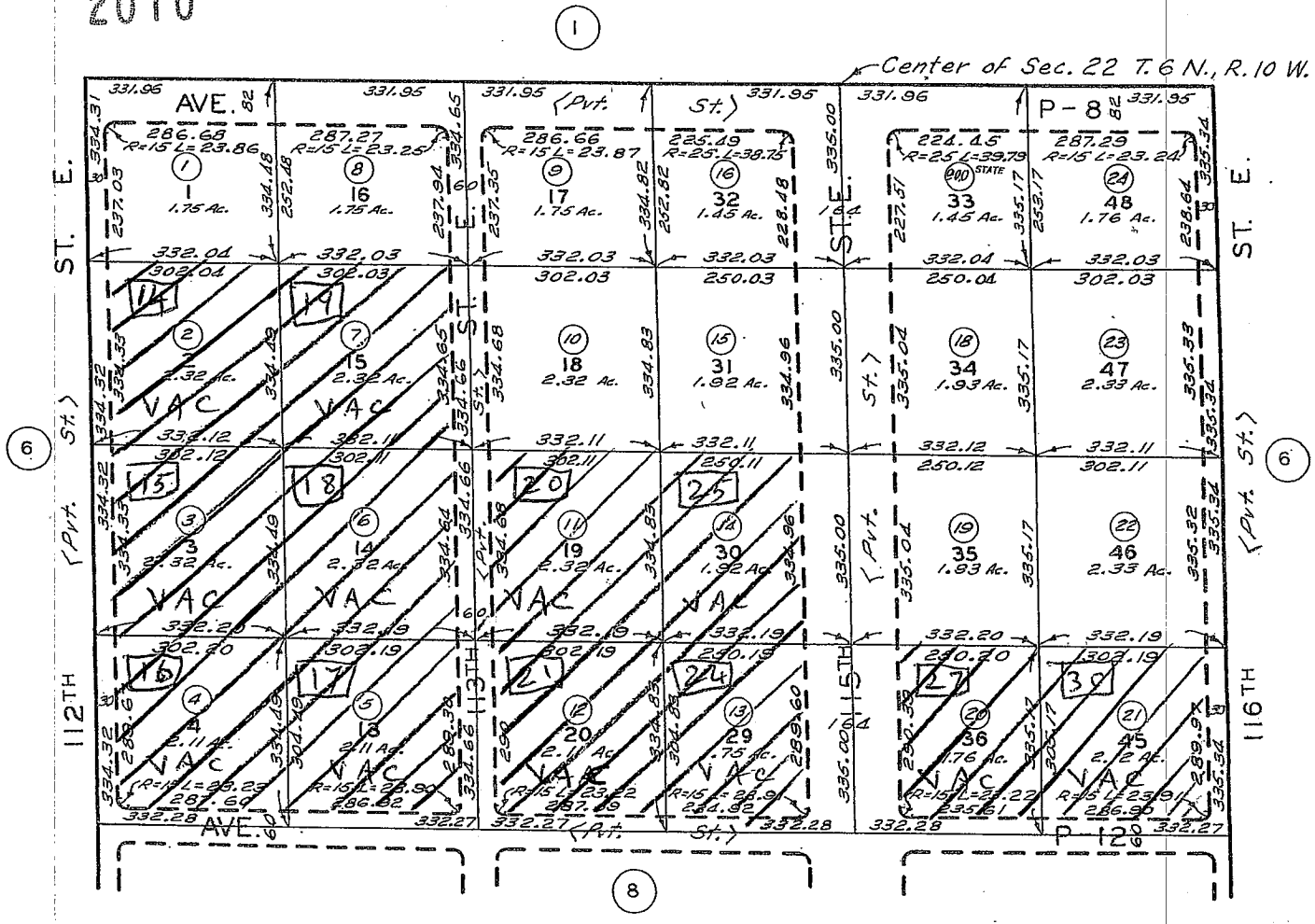
Building → Single Family Residence or Commercial Building

3079	7

SCALE 1" = 200'

700316
20090619020030001-A1

2010



CODE
4709

FOR PREV. ASSM'T. SEE:
3026-35

RECORD OF SURVEY
R.S. 75-24

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

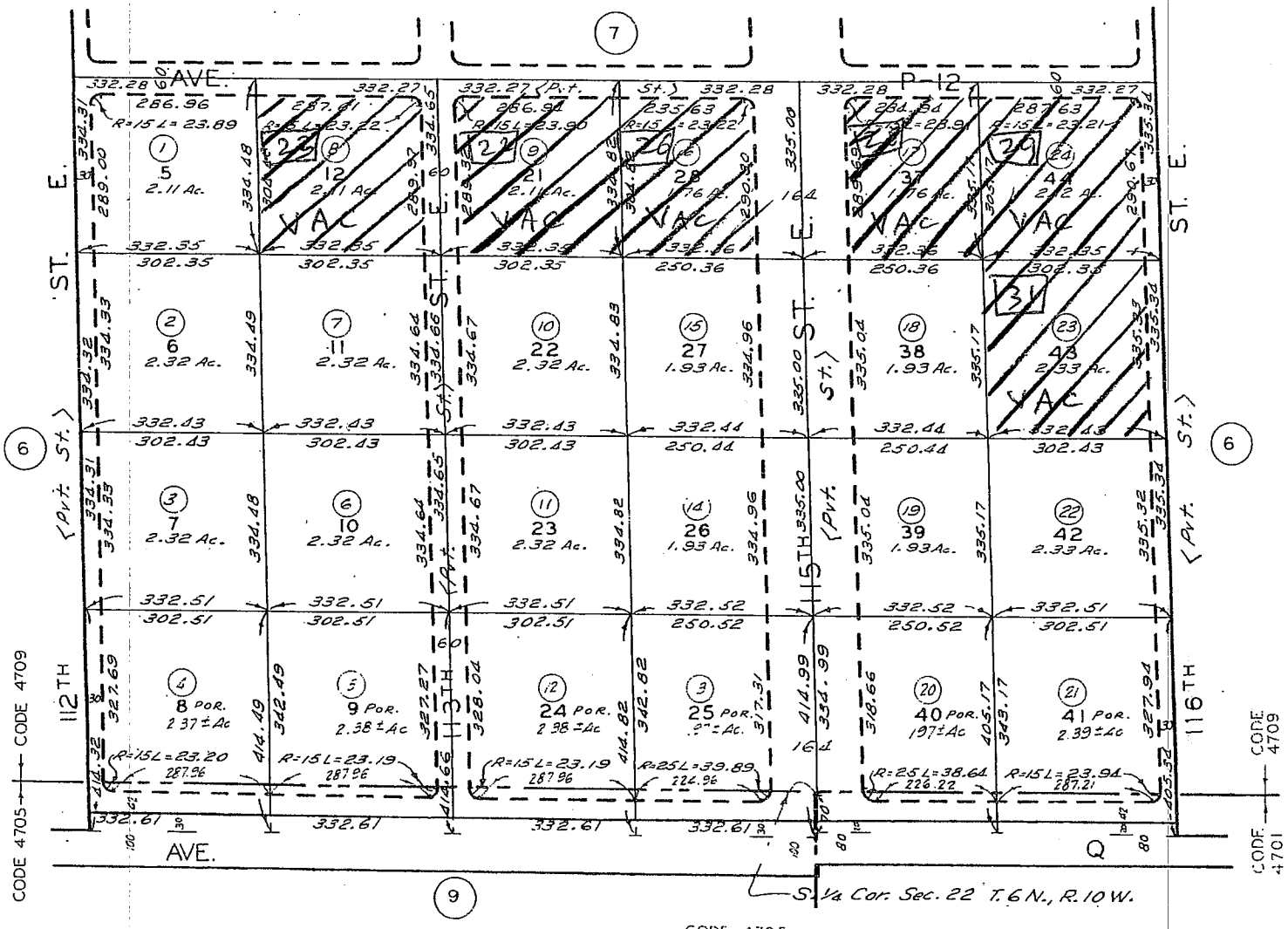
Building → Single Family Residence or Commercial Building

3079 | 8

SCALE 1" 200'

4-5-66
700312
70C516

REVISED
11-3-58
3-25-60
12-3-62



CODE
4709
4701
4705

FOR PREV. ASSM'T. SEE:
3026-36

RECORD OF SURVEY

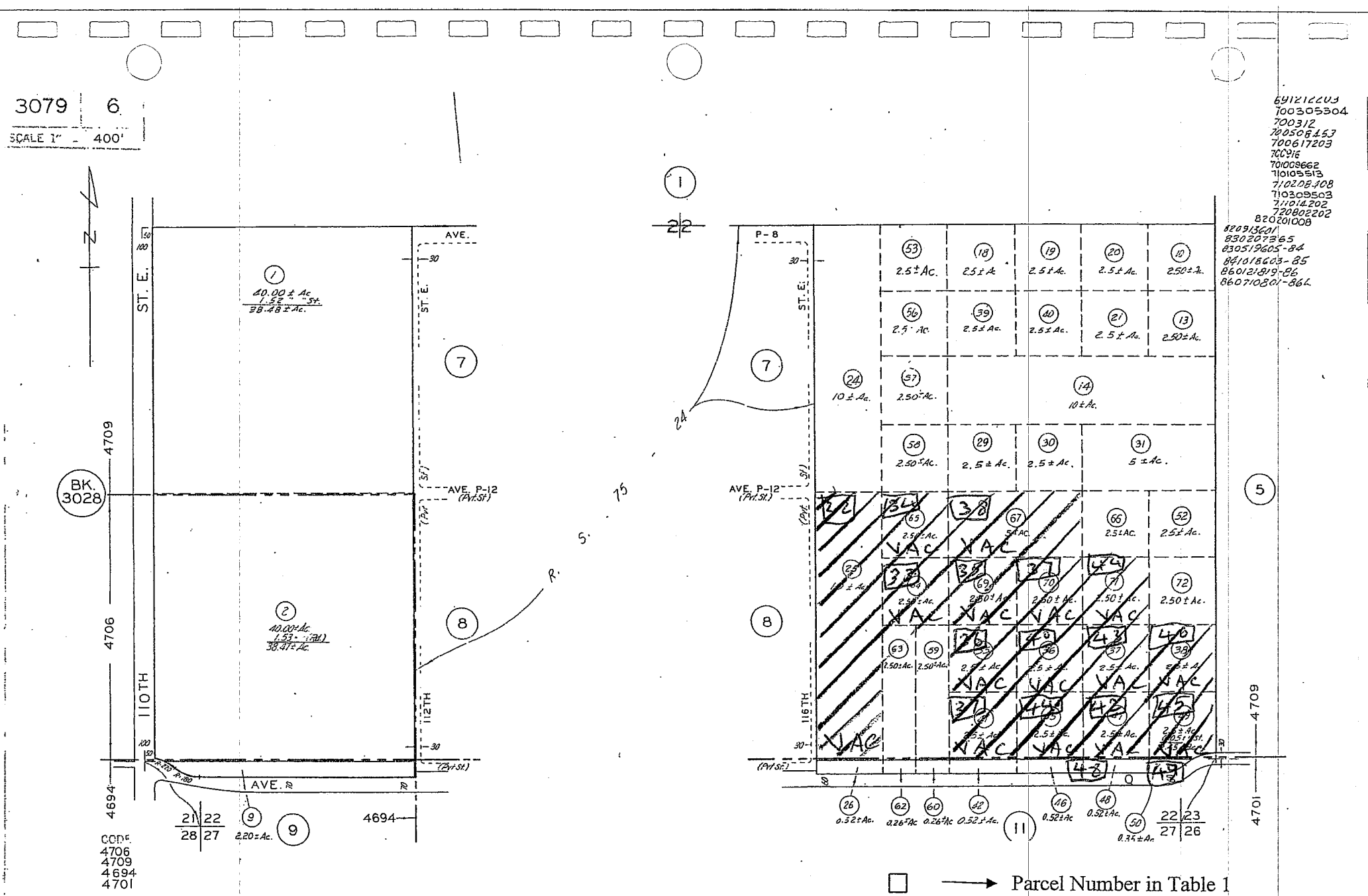
R.S. 75-24

Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

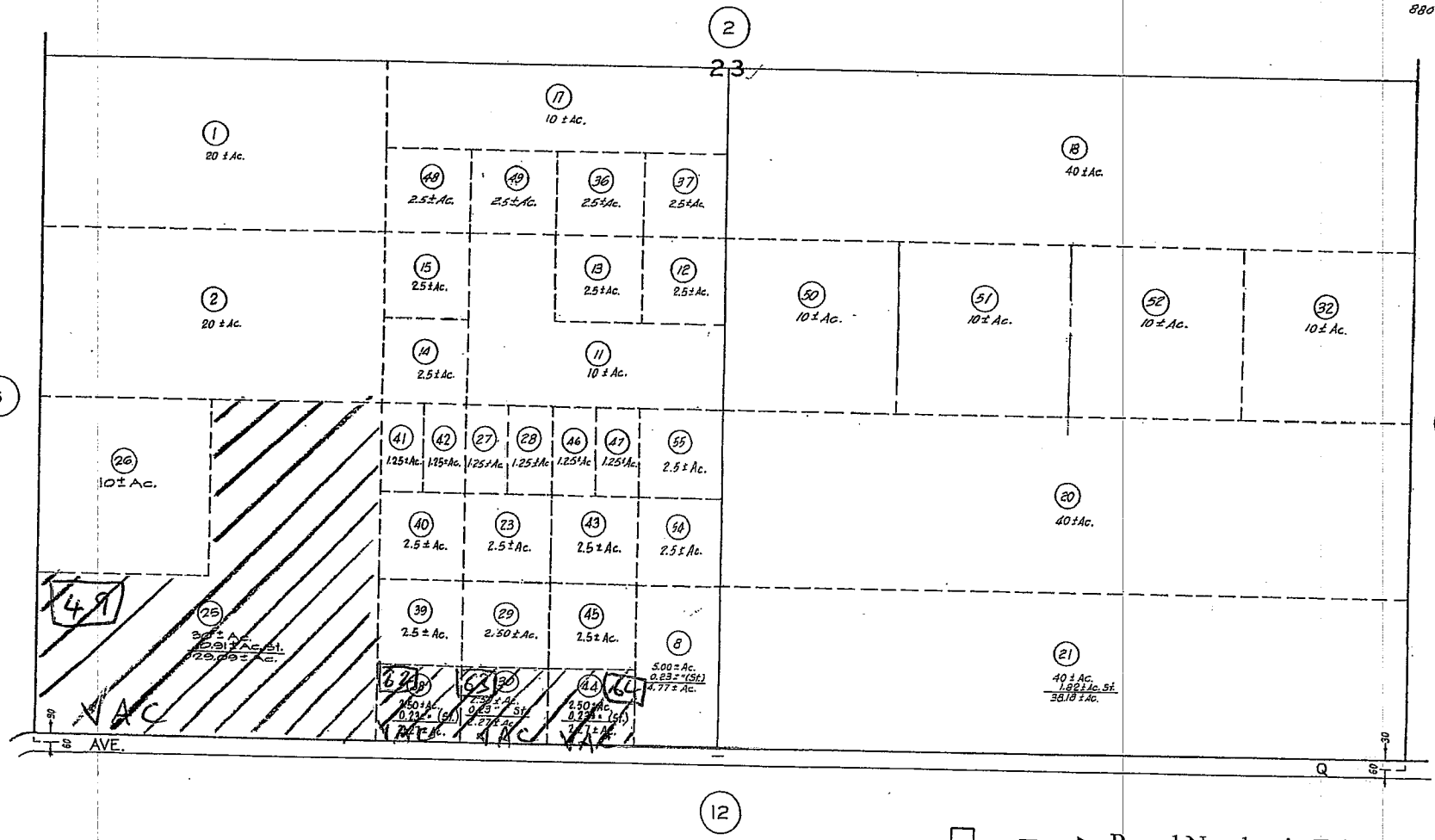
Building → Single Family Residence or Commercial Building


3079 6
SCALE 1" = 400'
N
ST. E.
110TH
112TH
116TH
AVE.
AVE. P-12 (Pvt.St.)
BK. 3028
4709
4706
4694
4701
40.00 ± Ac.
1.52 " St.
38.48 ± Ac.
40.00±Ac.
1.53± (Pvt.)
38.47±Ac.
2.20±Ac.
CODE
4706
4709
4694
4701
FOR PREV. ASS'M'T SEE
3026 - 18
T.6N., R.10W.
P-8
10 ± Ac.
2.5 ± Ac.
5 ± Ac.
VAC
0.32±Ac.
0.26±Ac
0.52±Ac.
0.35±Ac
Parcel Number in Table 1
Parcels Affected by Design Alternatives
VAC → Vacant Lot
Building → Single Family Residence or Commercial Building

3079 | 5

SCALE 1" = 400'

700326605
700617202
7105194025
711014201
711112502
711220212
720505803
750421601
790302208
791030206
8806220800500 2



CODE
4683

FOR PREV. ASSM'T SEE:
3026-19

T. 6 N., R. 10 W.

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

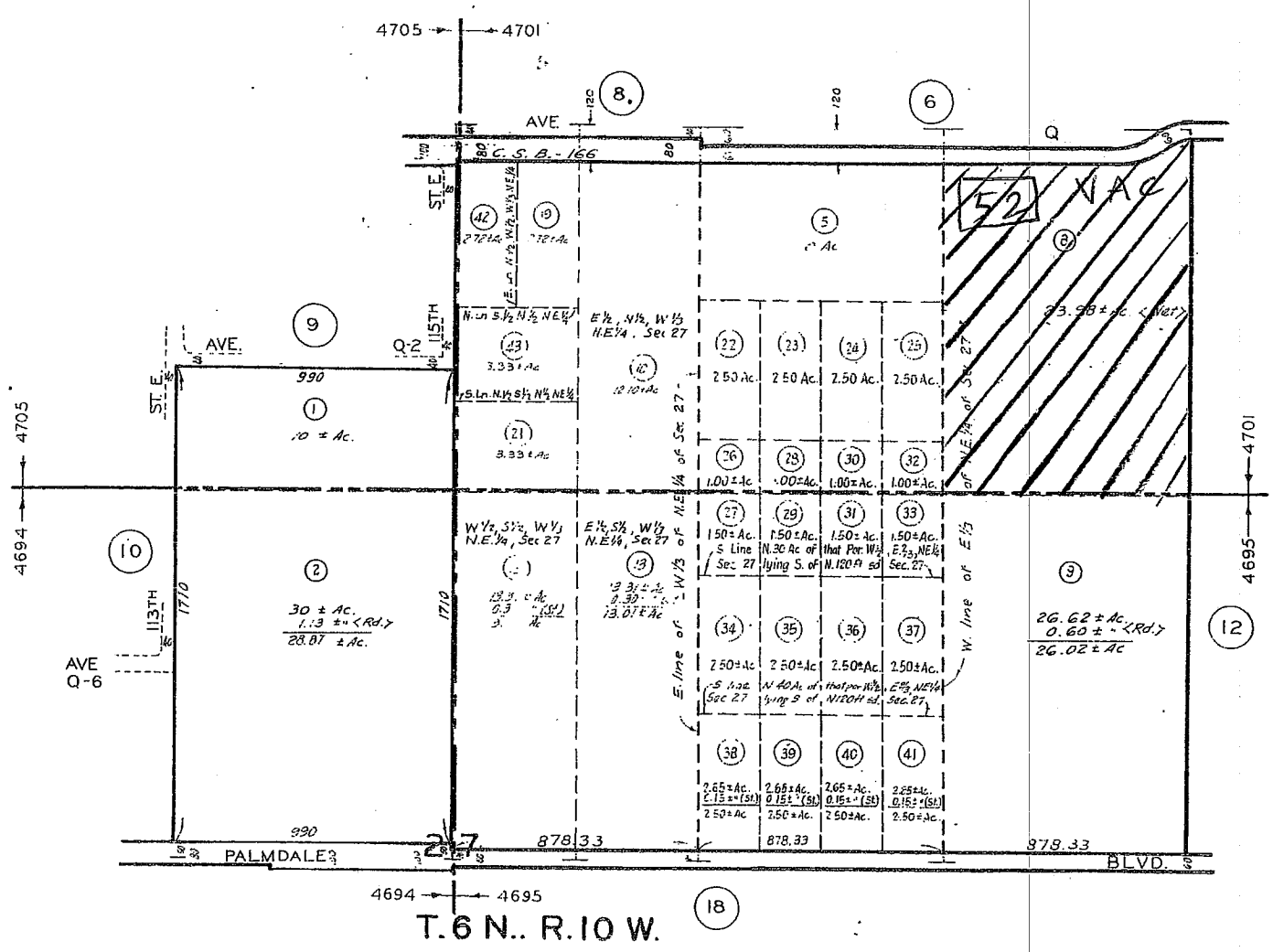
Building → Single Family Residence or Commercial Building

F.

3079 | 11

SCALE 1" = 400'

REVISED
9-24-57
3-16-60
3-25-60
12-31-61
12-7-61
12-3-62
4-5-66
681024618
691212207
69-2-13
700312
720505808
720531508
720615
730503



CODE
4695
4701
4694
4705

FOR PREV. ASSM'T. SEE:
3026-25

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

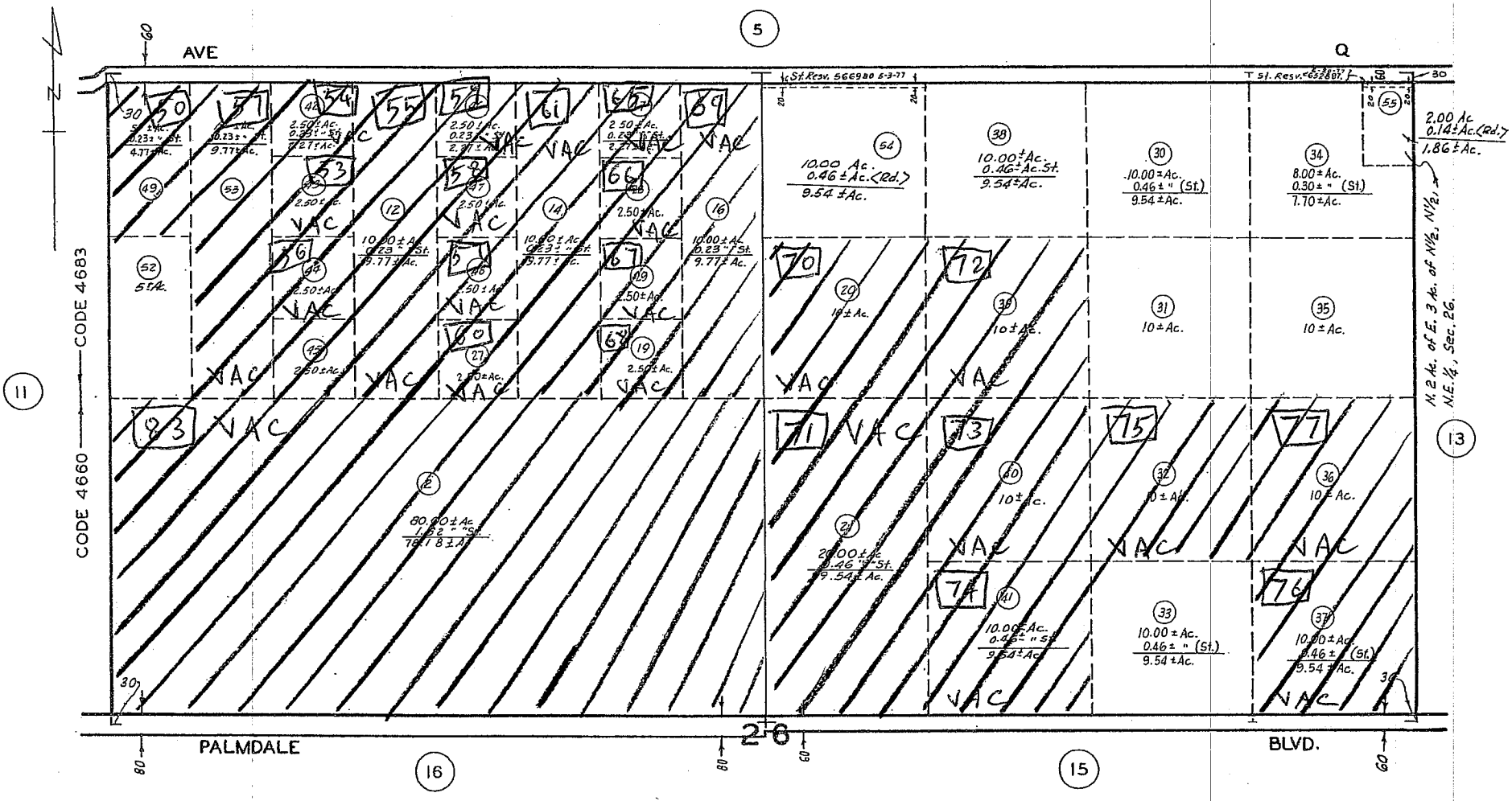
Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3079	12

SCALE 1" = 400'

REVISED
12-7-61
5-29-63
700326606
720121643
720314205
720505812
720531509
720713210
730228401
731101057
770617809
770711806



CODE
4660
4683

T.6N..R.10W.

Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

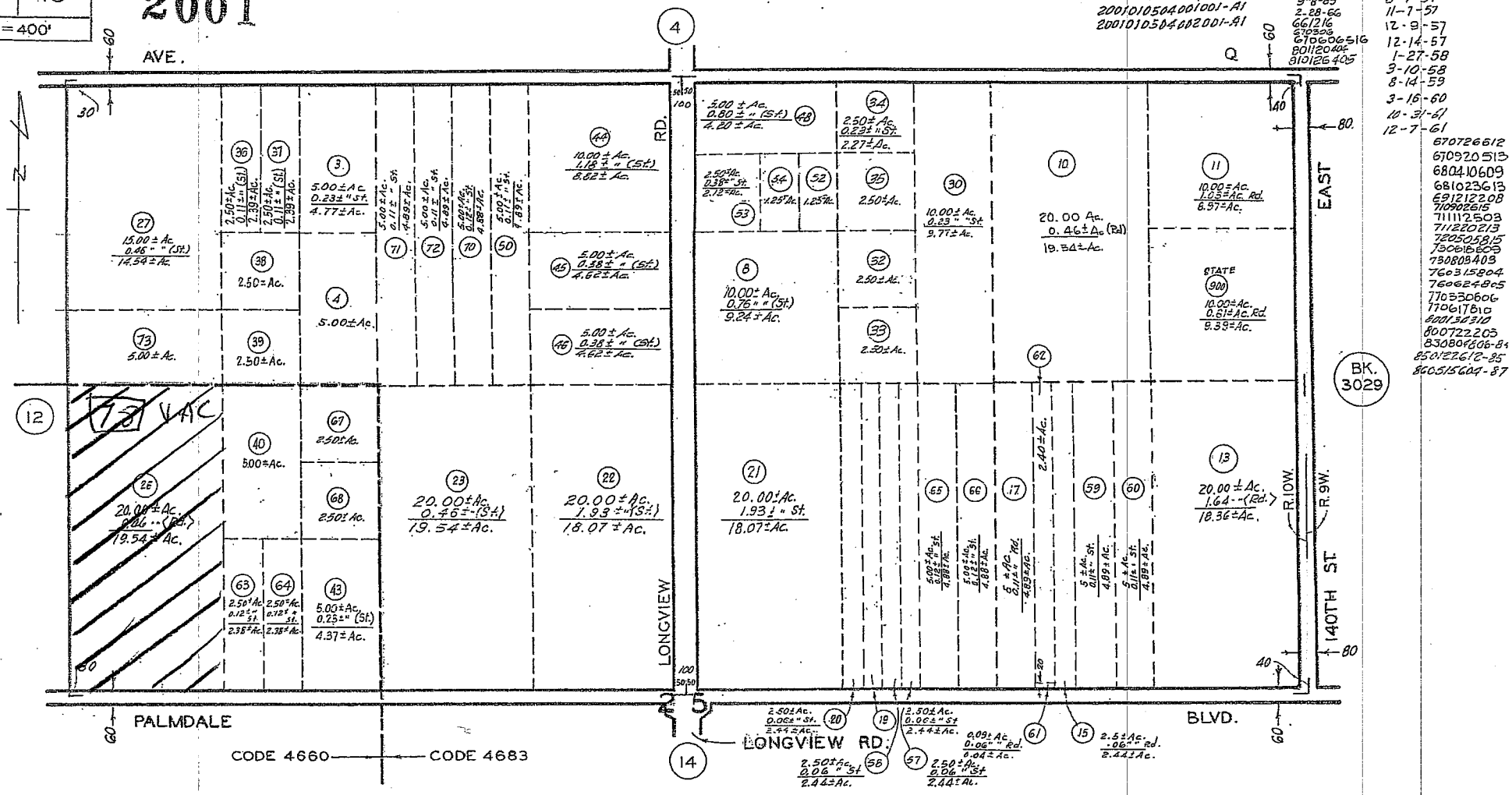
FOR PREV. ASSM'T. SEE:
3026-23

ASSESSOR'S MAP
OF LOS ANGELES, CALIF.

3079 | 13

SCALE 1" = 400'

2001



T.6 N., R.10 W.

CODE
4660
4683

FOR PREV. ASSM'T. SEE:
3026-21

Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

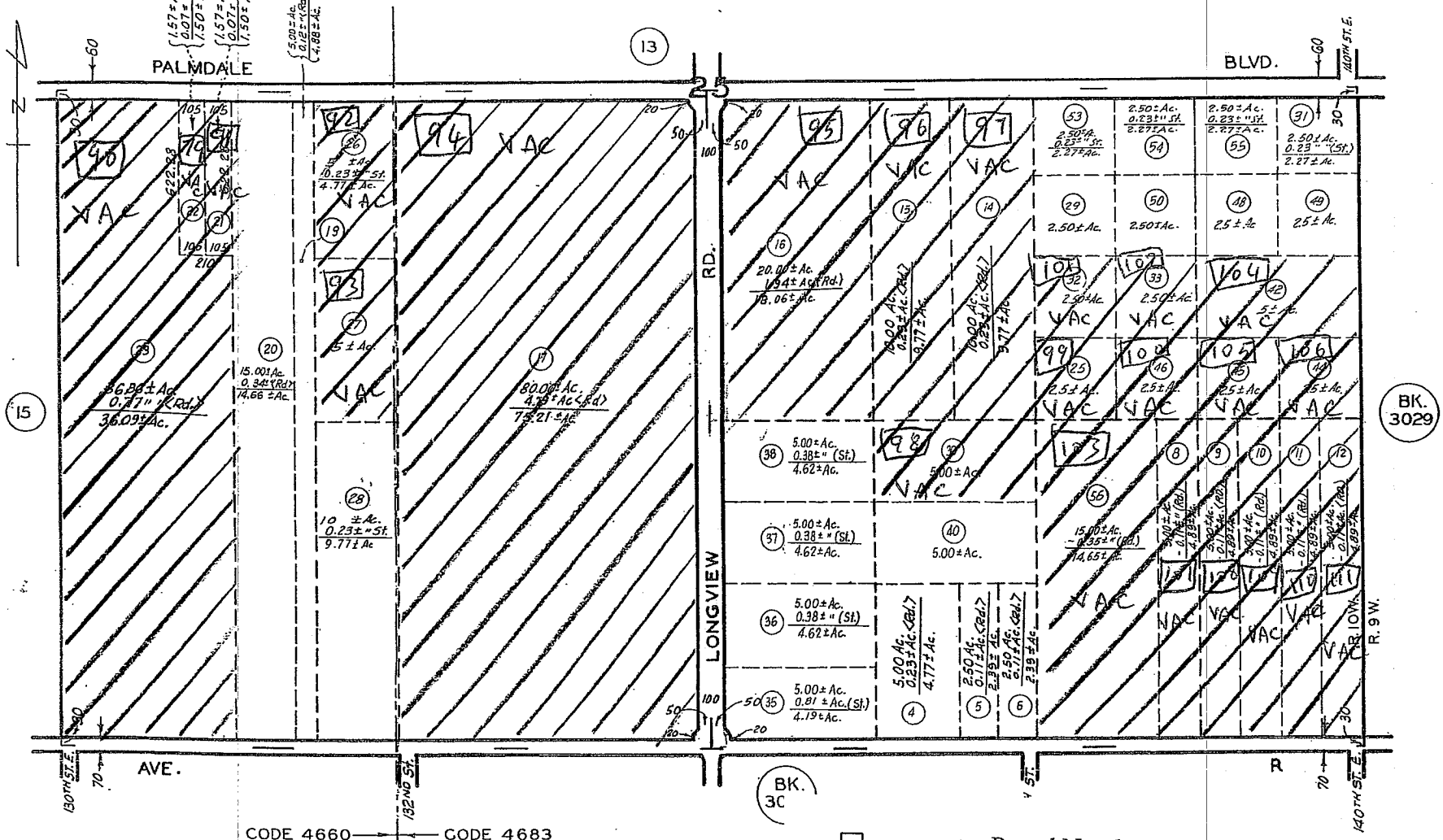
3079 | 14

SCALE 1" = 400'

2000

660902
661118
721220

REVISED:
3-16-60
6-17-60
10-31-61
12-7-61
6-17-64
8-4-64
680227407
701020
710105515
710121
710519410
710716301
720505818
721020404
730117810
761004608
761222202
770215816
981001080001001-A1
1993042708002001-A1



CODE
4660
4683

FOR PREV. ASSM'T. SEE:
3026-22

Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

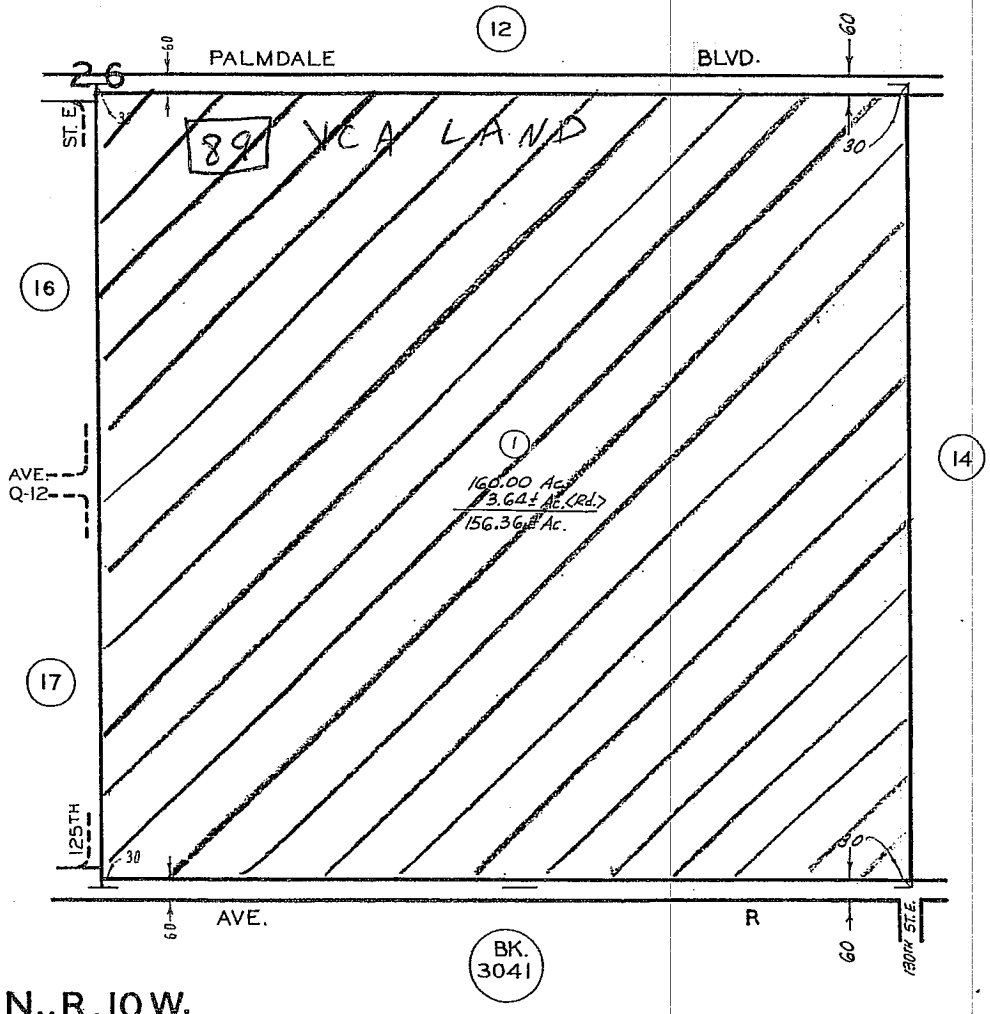
Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
OF LOS ANGELES, CALIF.

3079 | 15

SCALE 1" = 400'

Revised:
4-22-60
12-7-61
2-23-62
6603/15101



T.6 N., R.10 W.

Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

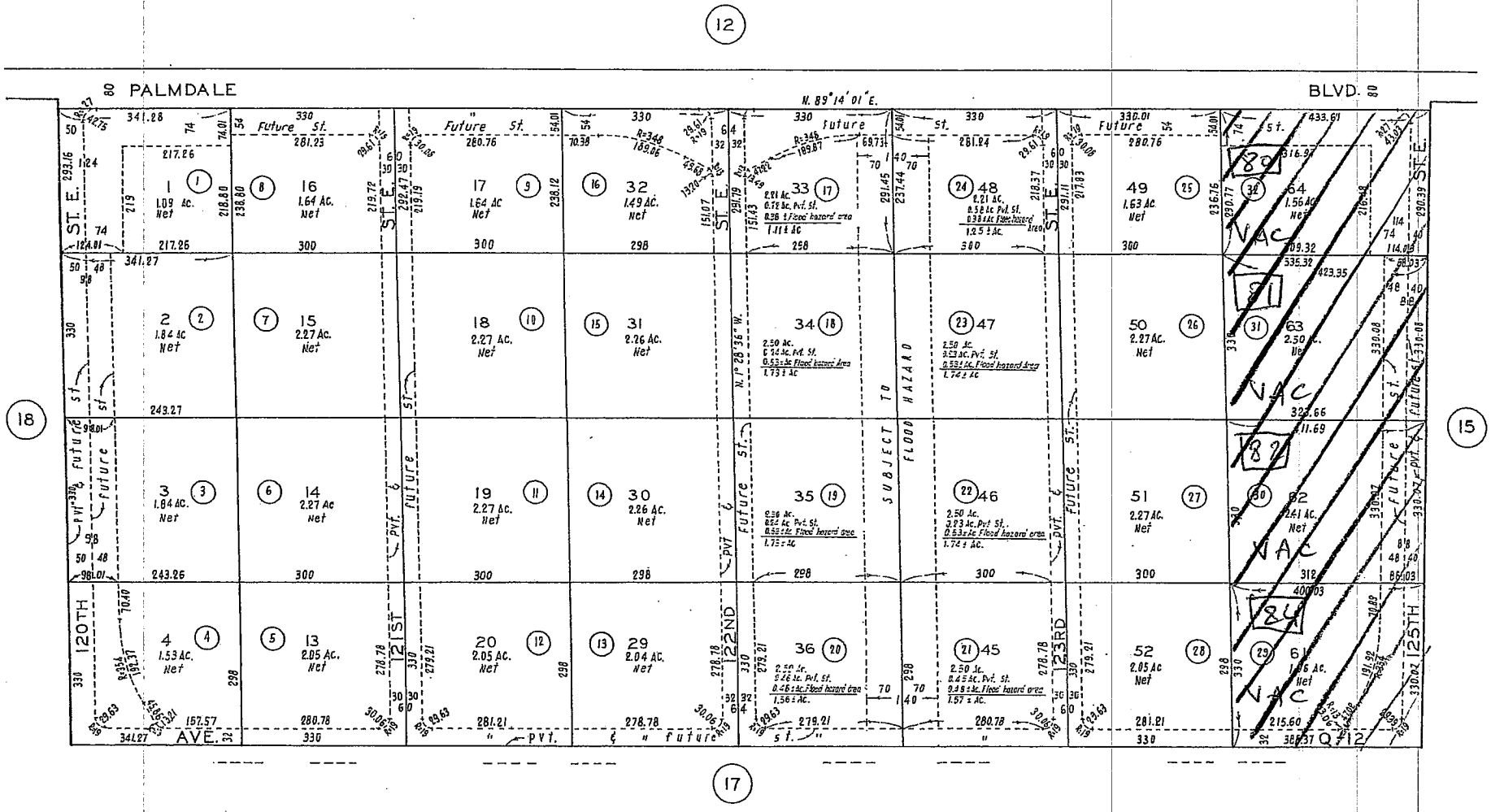
CODE
4660

FOR PREV. ASSM'T. SEE:
3026-24

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3079 | 16

SCALE 1" = 200'



CODE
4656

TRACT NO. 28250 M. B. 770-78-82

FOR PREV. ASSM'T SEE:
3026-43

Parcel Number in Table 1

Parcels Affected by Design Alternatives

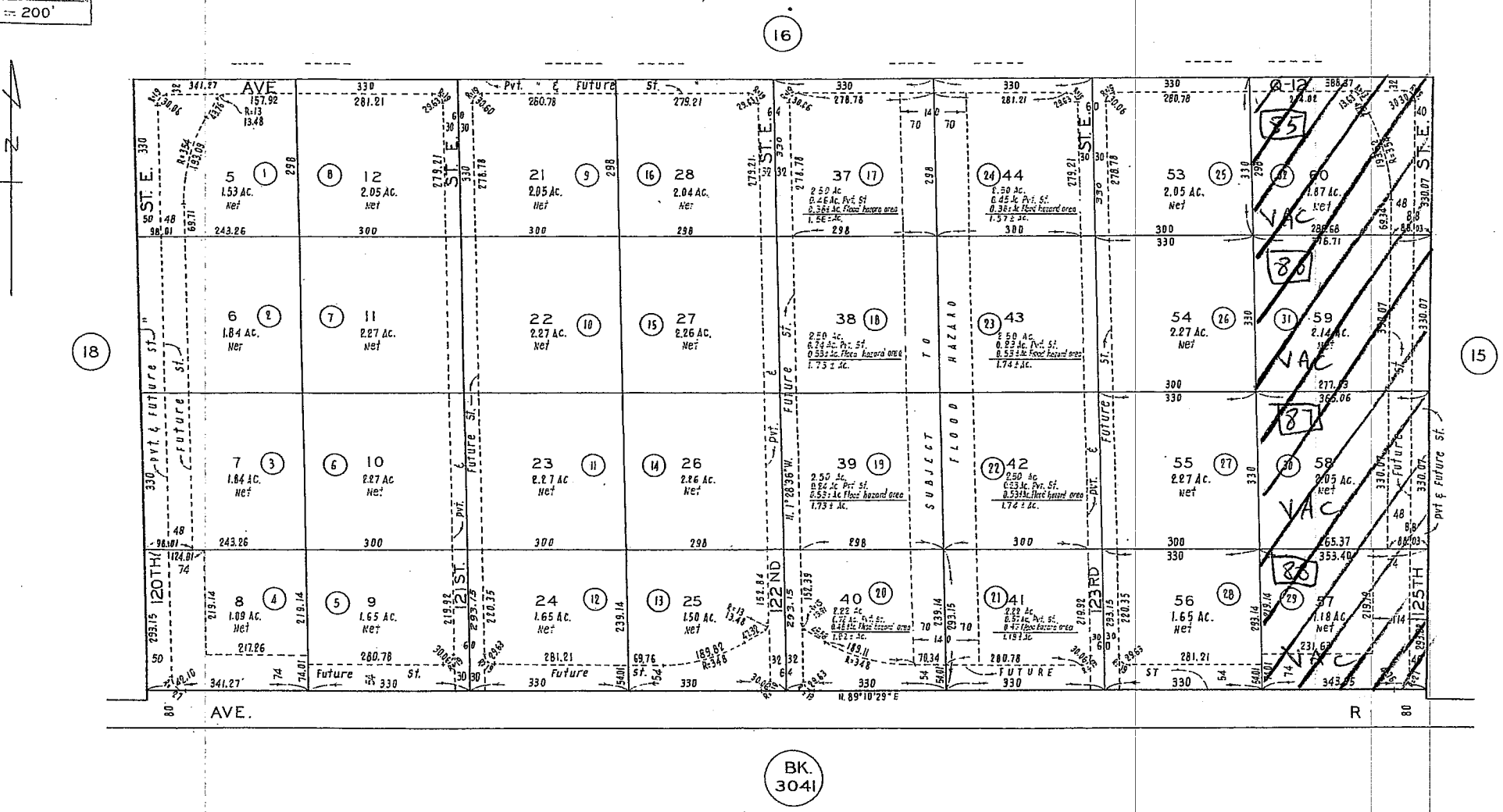
VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

SSOR'S MAP
OS ANGELES, CALIF.

3079 | 17

SCALE 1" = 200'



CODE
4656

TRACT NO. 28250 M. B. 770-78-82

FOR PREV. ASSM'T SEE:
3026-44

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3029	18 SHEET	P. A. 3029-18	TRA 4683	REVISED 91122302008001-A1 20100300201700 1-A1

Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

SEARCH NO		OFFICE OF THE ASSESSO COUNTY OF LOS ANGELE COPYRIGHT © 2002

2010

MAPPING AND GIS SERVICES SCALE 1" = 400'

PG 17

PG 16

BK 3079

BK 3040

T6N R10W

T6N R9W

PALMDALE BLVD

CS 8733

140TH ST E

142 ND ST E

145TH ST E

147TH ST E

150TH ST E

AVE R

80.8 CRS

E LINE W1/2 E1/3 OF THAT POR NW1/4 SE1/4 LYING E'LY OF W 10 AC OF NW1/4 SE1/4

E LINE W2/3 E1/3 OF THAT POR NW1/4 SE1/4 LYING E'LY OF W 10 AC OF NW1/4 SE1/4

S LINE N1/2 W1/2 LOT2 POR

S LINE N1/2 S1/2 W1/2 LOT2

41.45AC (REC)

E1/2

41.50±AC 1.11± " ST 40.39±AC

40.00±AC 1.06± " ST 38.94±AC

10.38±AC

11.55 AC REC

10.39±AC 0.47± " ST 9.92±AC

10.39±AC 0.32± " ST 10.04±AC

10.00±AC 0.28± " ST 9.77±AC

10.00±AC 0.23± " ST 9.77±AC

STATE 900

10.00±AC 0.23± " ST 9.77±AC

10.00±AC 0.23± " ST 9.77±AC

5.00±AC 0.11± " ST 4.89±AC

5.00±AC 0.11± " ST 4.89±AC

5.00±AC 0.23± " ST 4.77±AC

5.00±AC 0.23± " ST 4.77±AC

2.50±AC 0.23± " ST 2.27±AC

2.50±AC

5±AC

4±AC

1±AC

10±AC

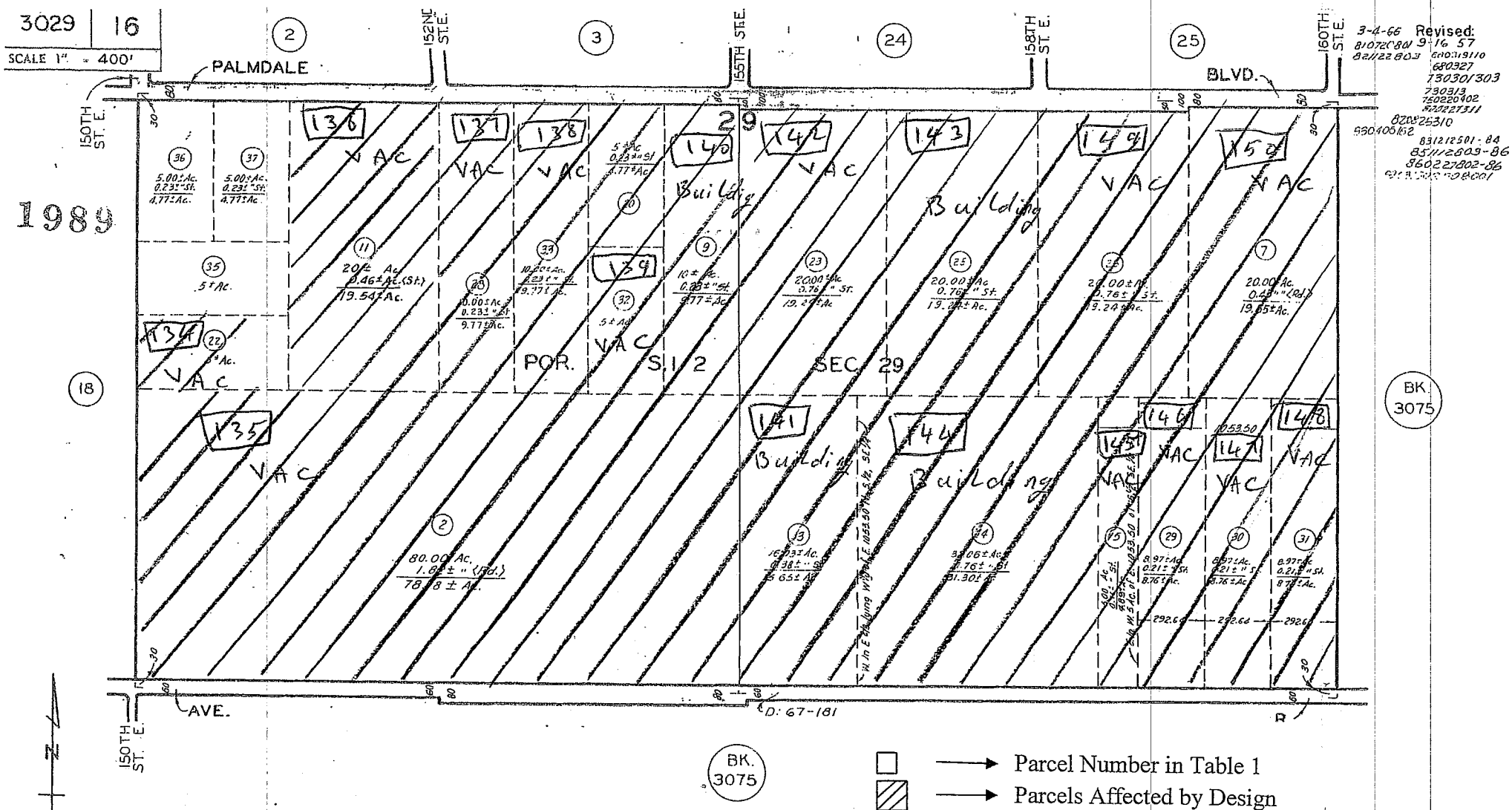
20.00±AC 0.45± " ST 19.55±AC

10.00±AC 0.45± " ST 9.55±AC

20.00±AC 0.91± " ST 19.09±AC

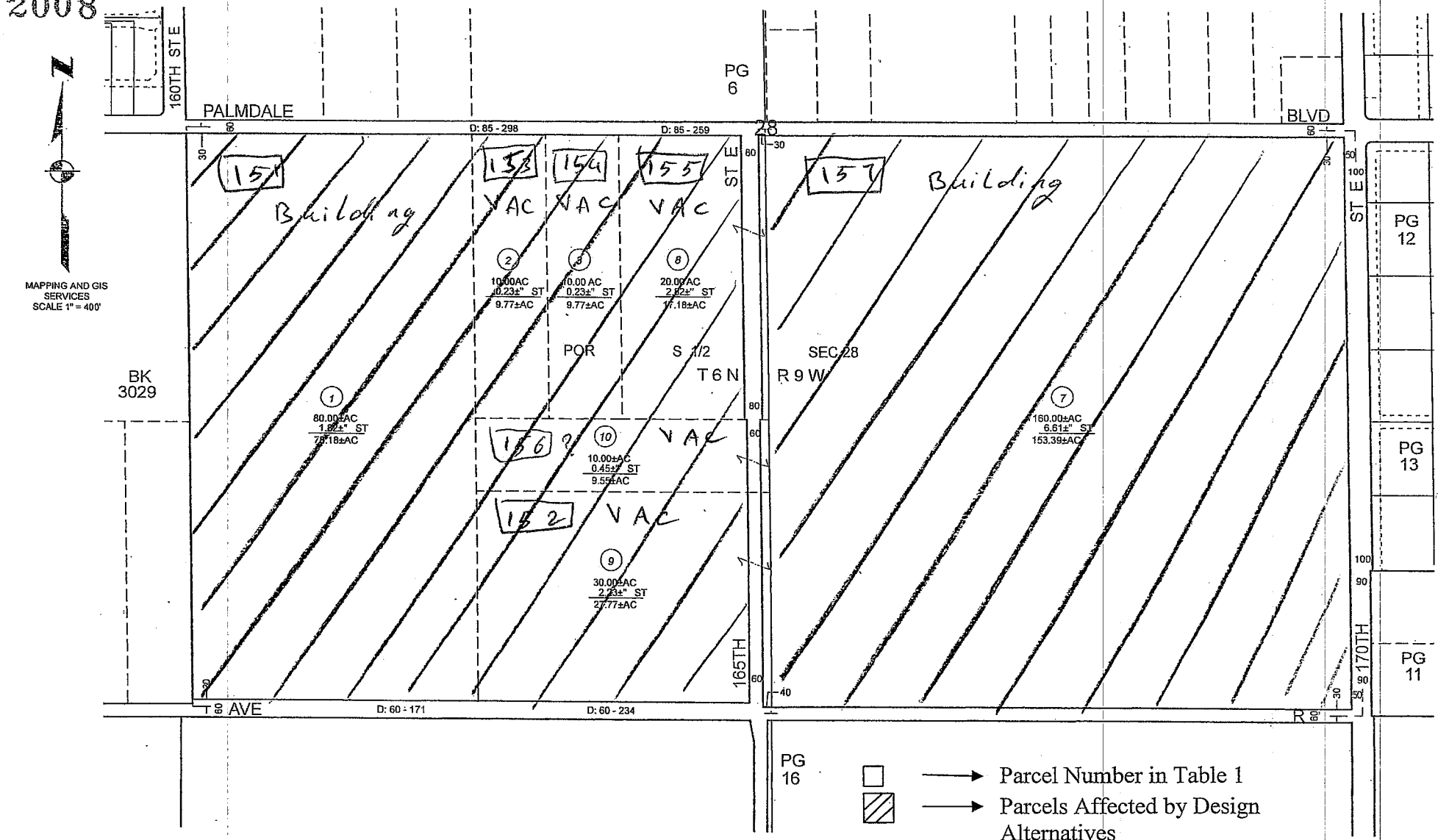
VAC

Building


3029 | 16
SCALE 1" = 400'
PALMDALE
BLVD.
AVE.
152ND ST. E.
155TH ST. E.
158TH ST. E.
160TH ST. E.
150TH ST. E.
3-4-66 Revised:
1985
VAC
Building
POR. S 1/2 SEC. 29
BK. 3075
CODE 4683
T. 6 N., R. 9 W.
Parcel Number in Table 1
Parcels Affected by Design Alternatives
VAC → Vacant Lot
Building → Single Family Residence or Commercial Building
NO. 1557 FOR PREV. ASSM'T. SEE: 3029 – 16
ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

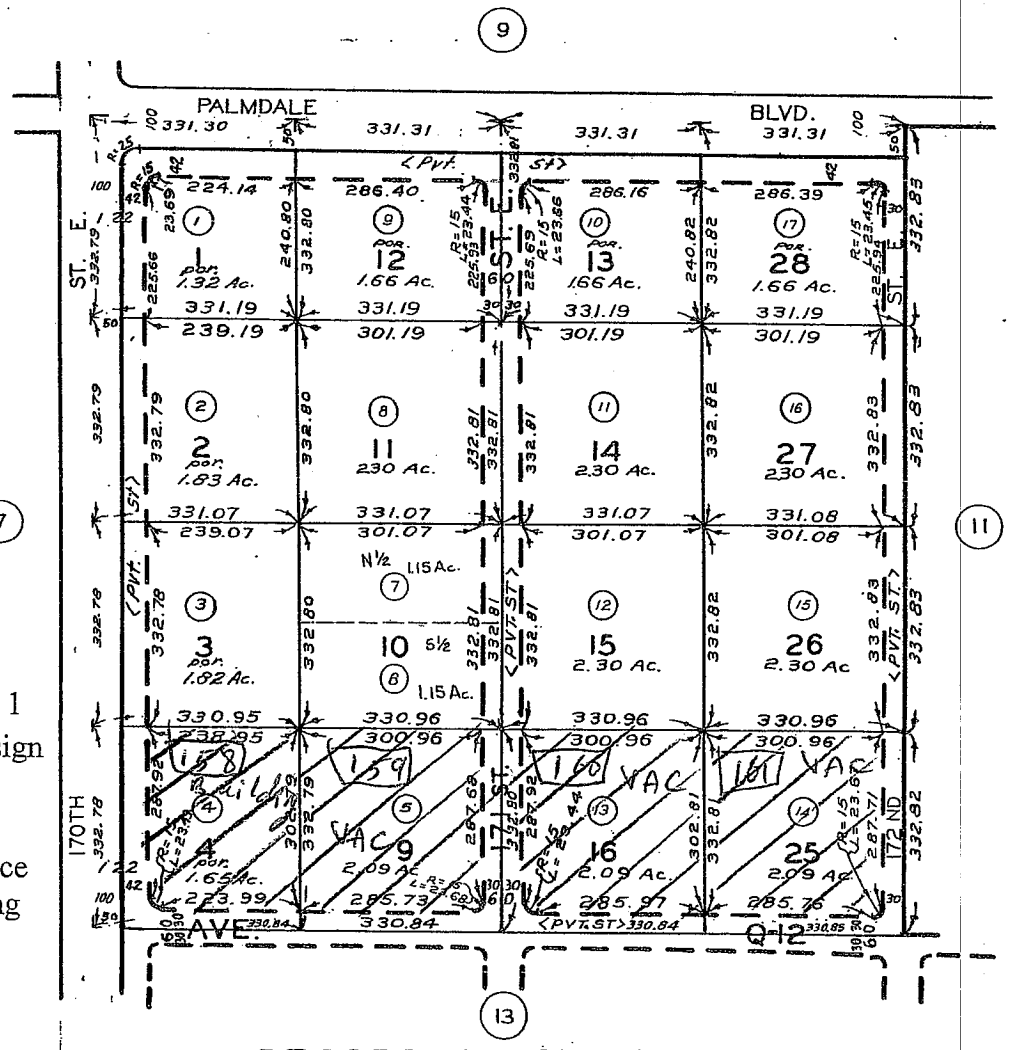
3075	7 SHEET	P. A. 3029 - 14	TRA 4683	REVISED 96012910001001-A1 2007082003002001-A1					SEARCH NO		OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002

2008



3075	12
SCALE 1" —	200'

REVISED 7-10-56



□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

CODE 9820

RECORD OF SURVEY

R.S. 73 – 10

All areas on this page are net.

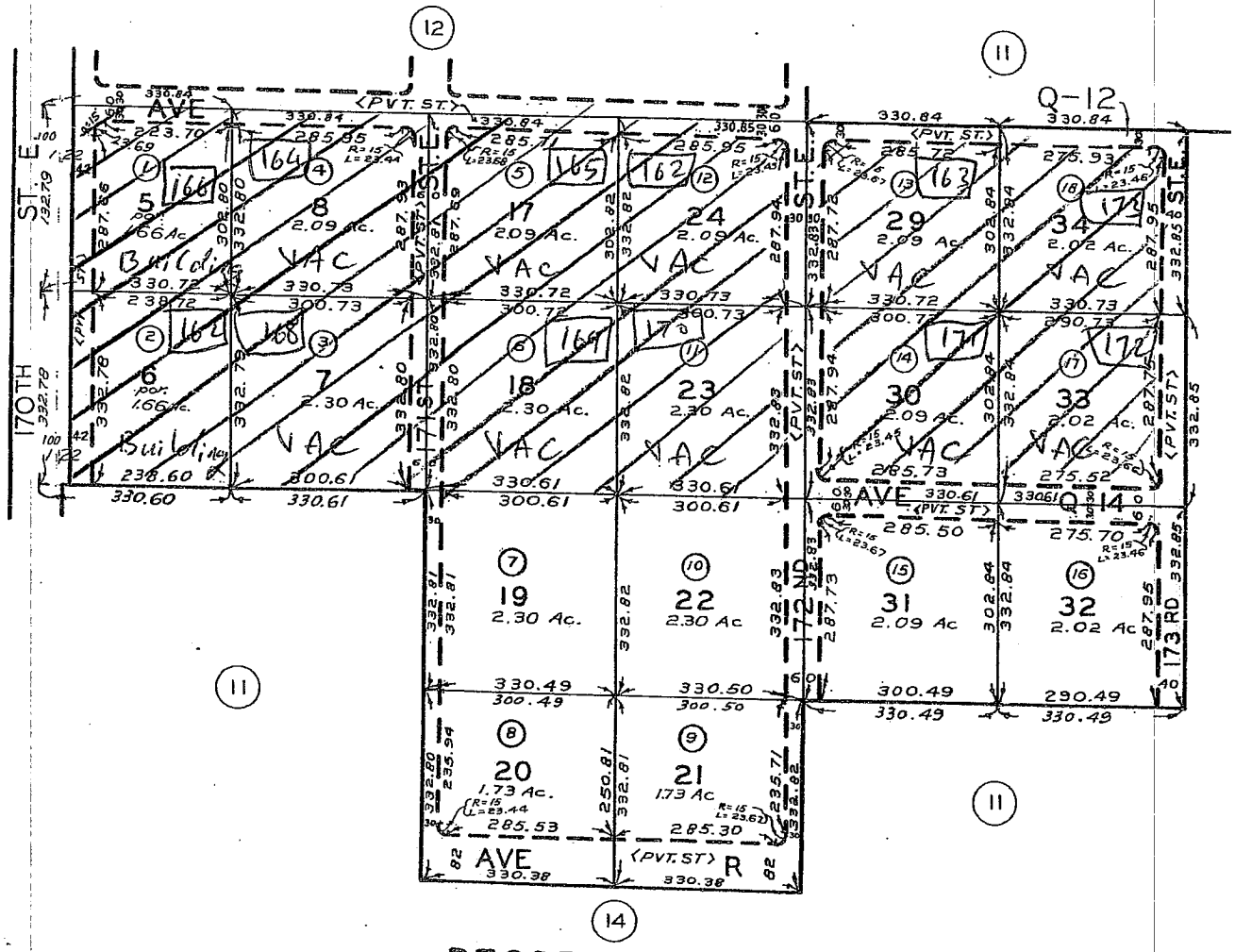
FOR PREV. ASSM'T. SEE: 3030 – 26

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3075 | 13

SCALE 1" = 200'

REVISED 7-10-56



RECORD OF SURVEY

R.S. 73-10

CODE 9820

All areas on this page are net.

FOR PREV. ASSM'T. SEE: 3030-27

Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

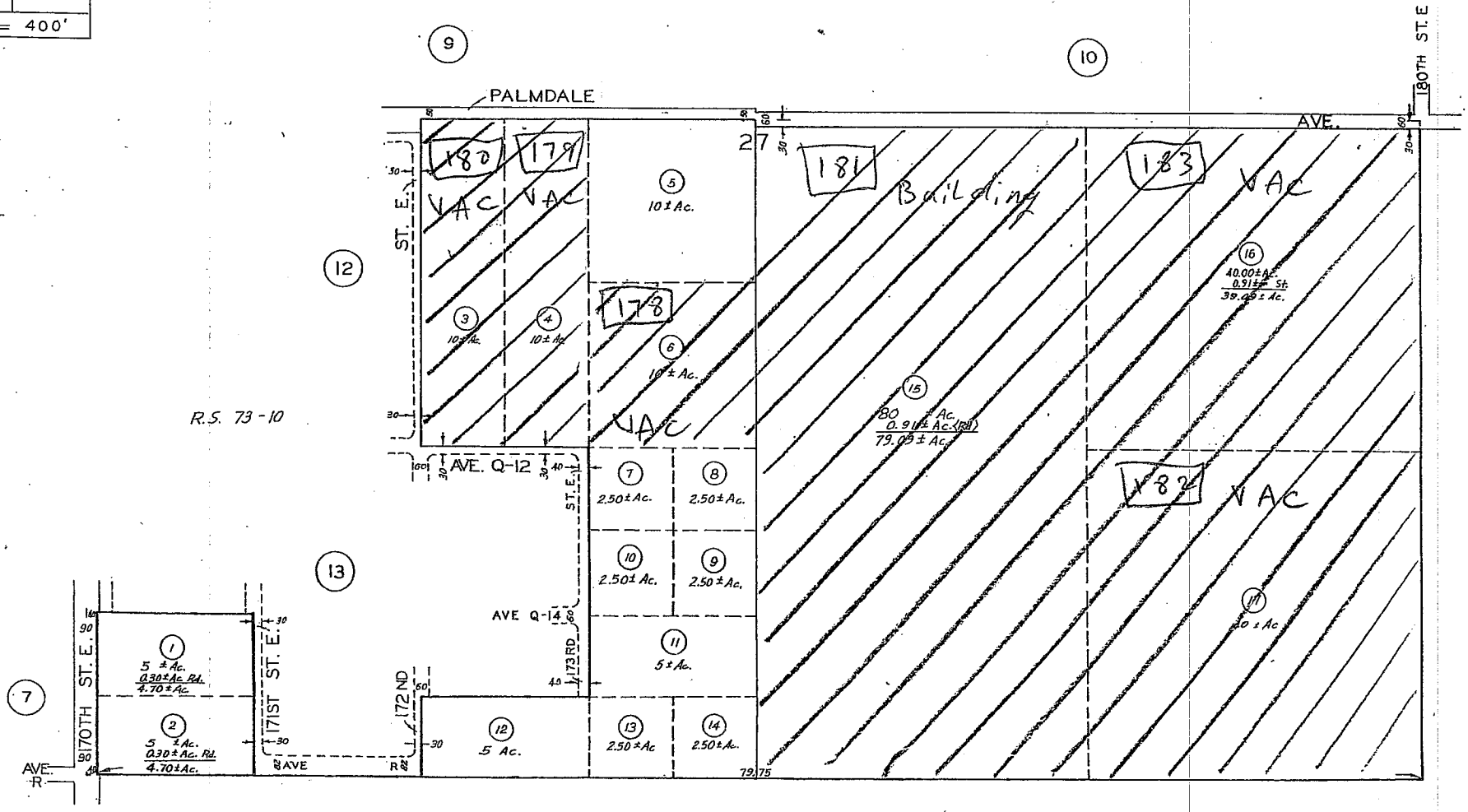
Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3075 | 11

SCALE 1" = 400'

700708607
720916219



Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

CODE 9820

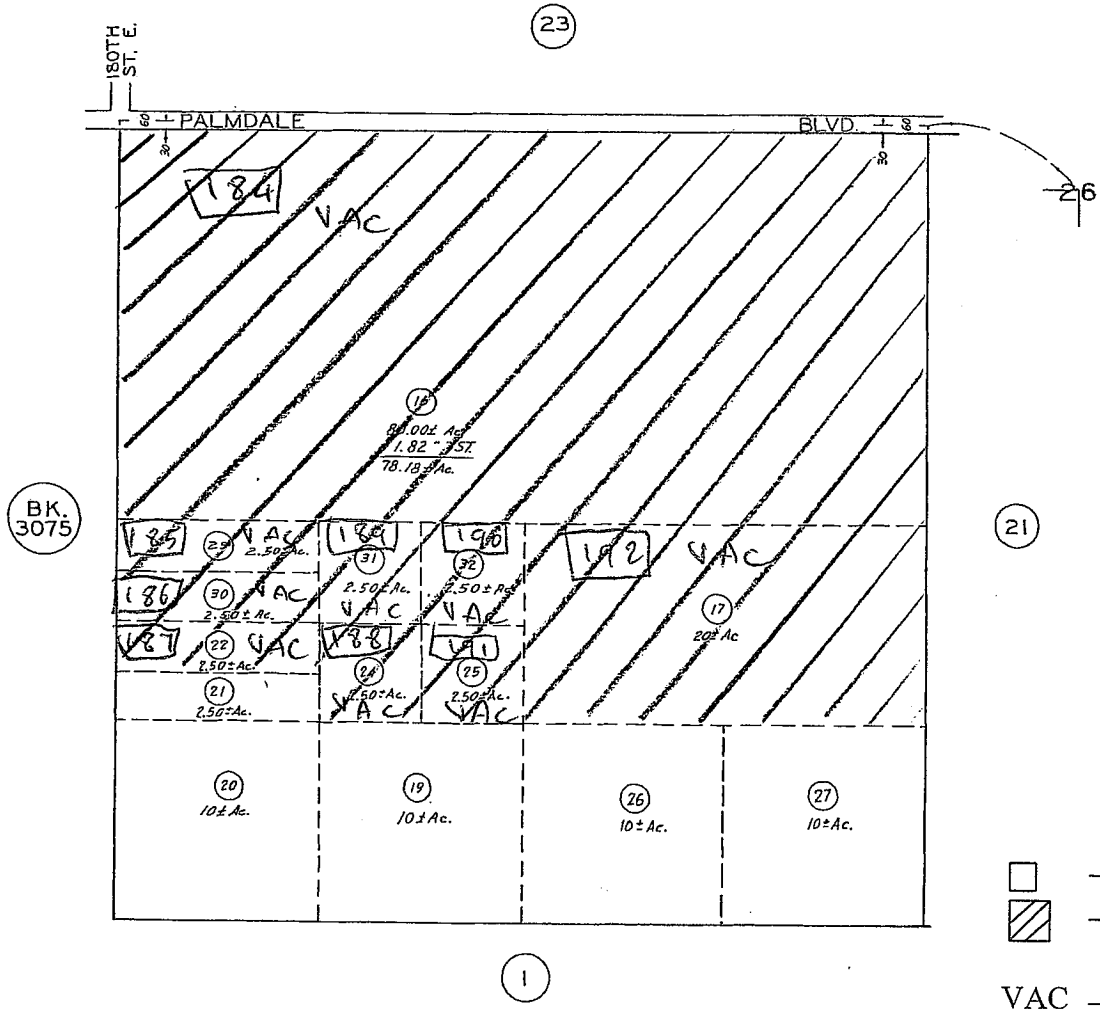
T. 6 N., R. 9 W.

FOR PREV. A 3030 - 25

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3030	22
SCALE 1" =	400'

690618205
711108215
720103604
720316220
720330556
721108301
770407301
810402214
830603306-84



Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

CODE
9820

T. 6 N., R. 9 W.

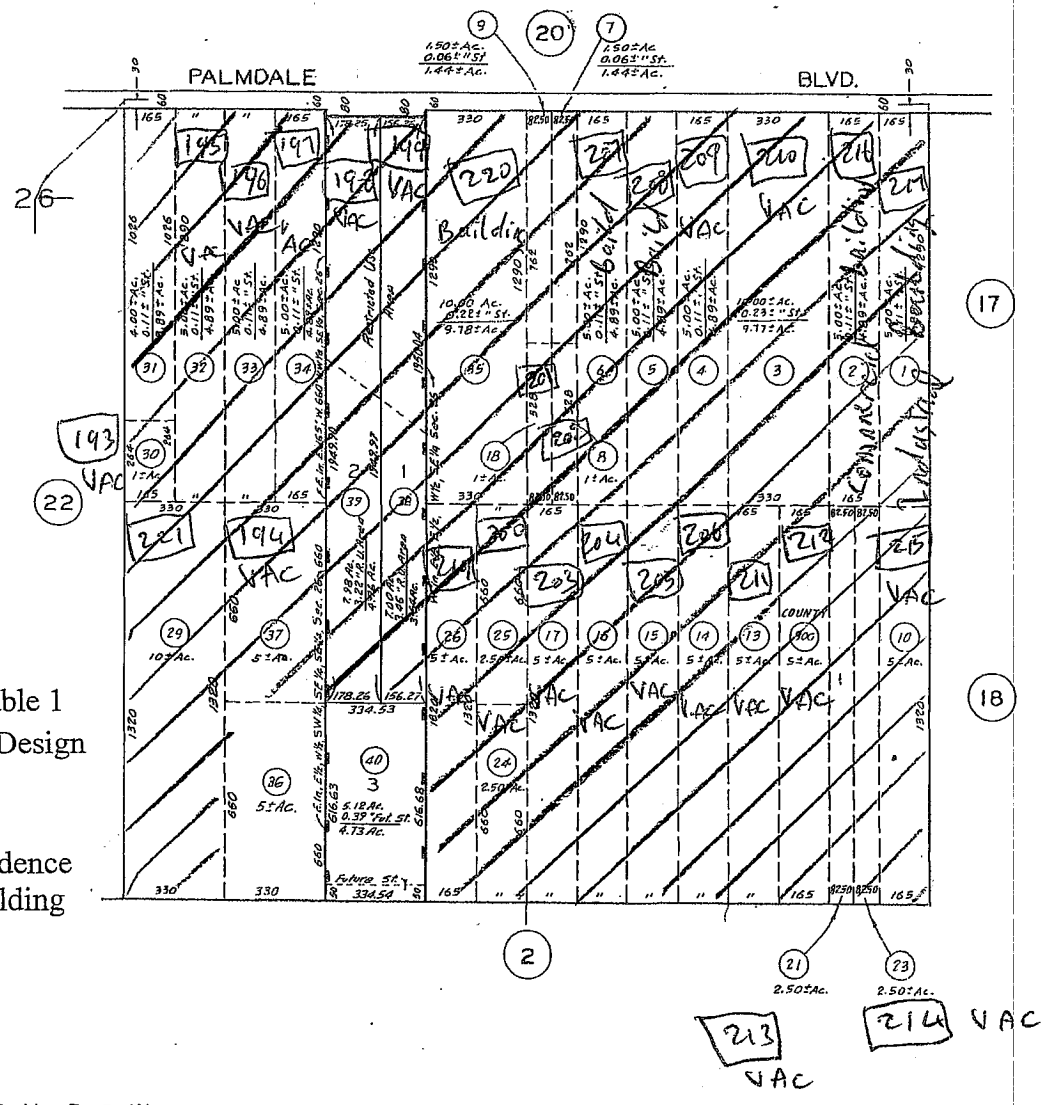
FOR PREV. ASSM'T SEE:
3030- 42

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3030	21

SCALE 1" = 400'

1987



Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

CODE
9820

T. 6 N., R. 9 W.

FOR PREV. ASSM'T SEE:
3030 – 21 & 22

PARCEL MAP P. M. 63 - 51

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

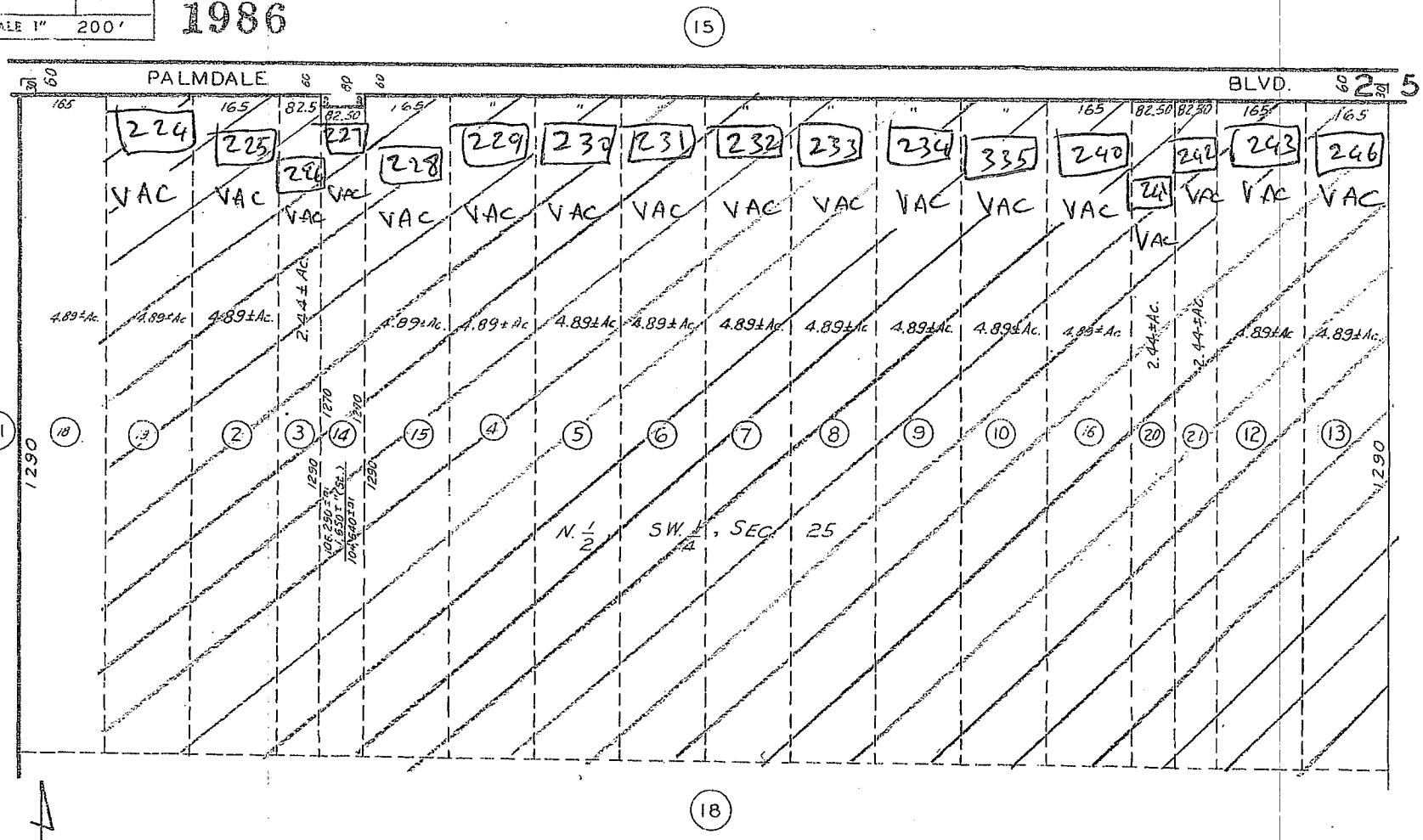
87010.7605-87

3030 | 17

SCALE 1" 200'

1986

REVISED
2-7-56
7-19-57
70102610
71060261?
72080825?
82072, 032-86



T. 6 N., R. 9 W.

CODE
9820

FOR PREV. ASSM'T. SEE:
3030 – 17

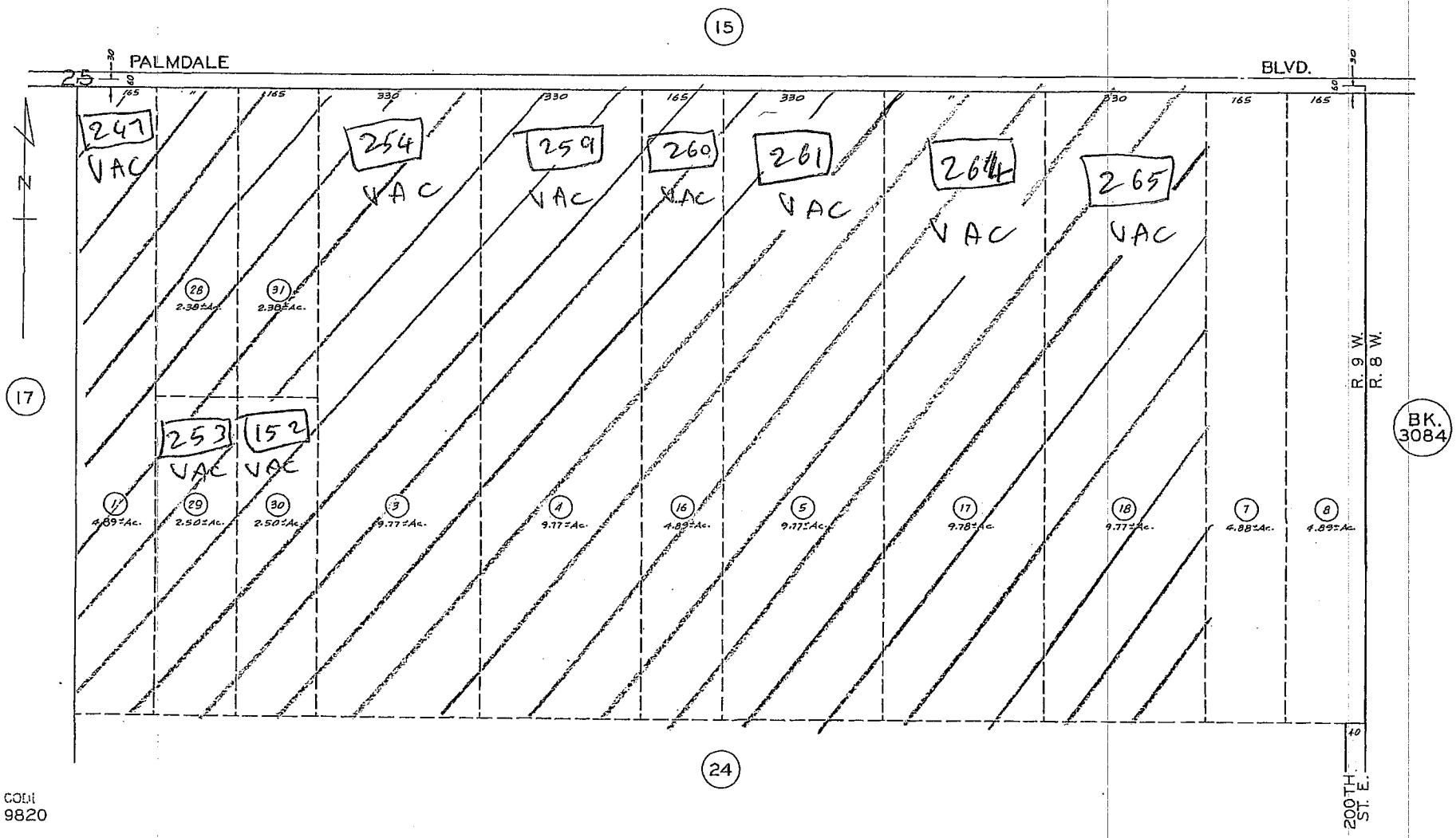
□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.



CODE
9820

T. 6 N., R. 9 W.

3030 - 16

Parcel Number in Table 1

Parcels Affected by Design Alternatives

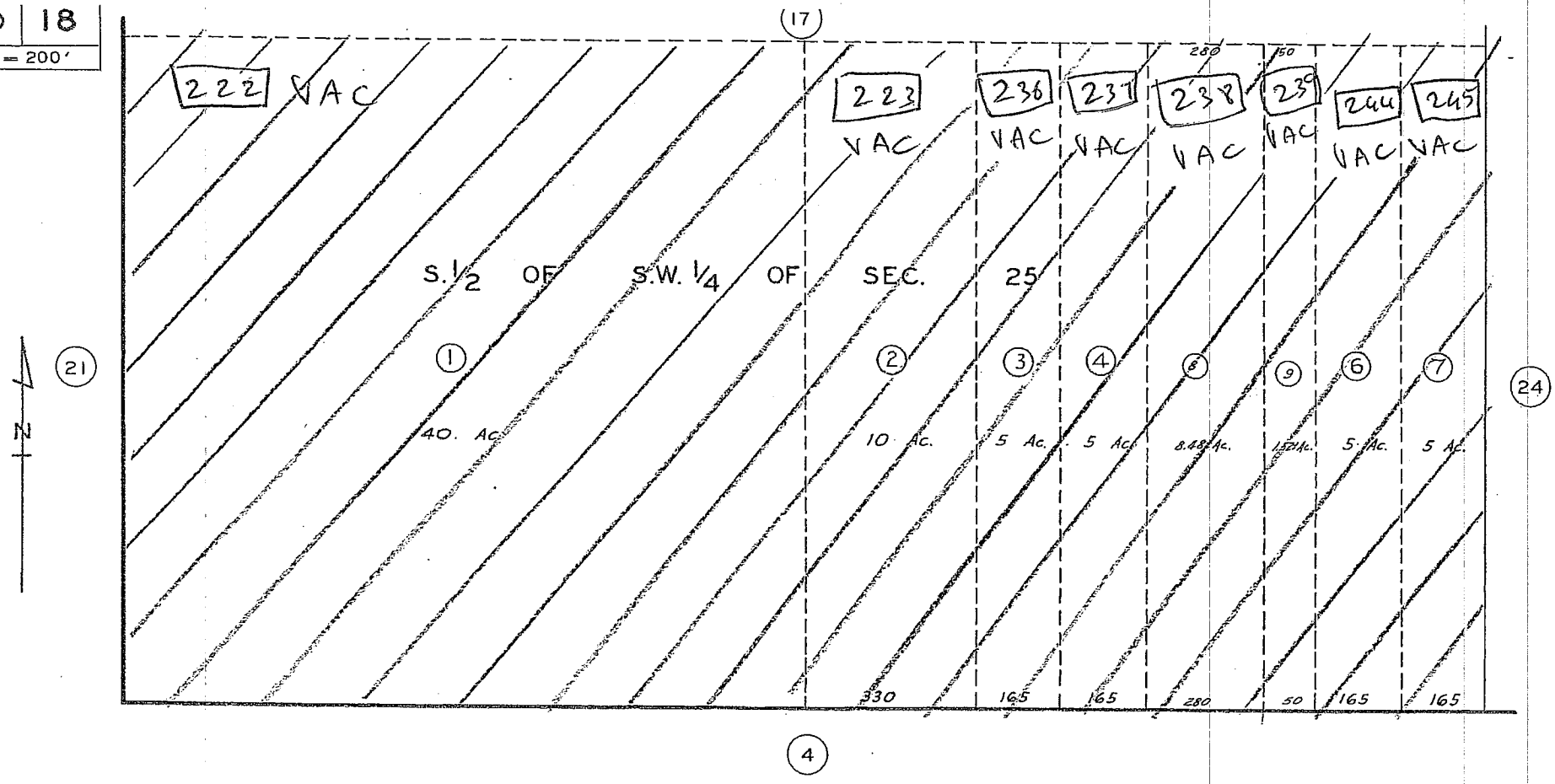
VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

3030 | 18

SCALE 1" = 200'

3-17-61



T. 6 N., R. 9 W.

CODE
9820

FOR PREV. ASSM'T. SEE:
3030 – 18

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

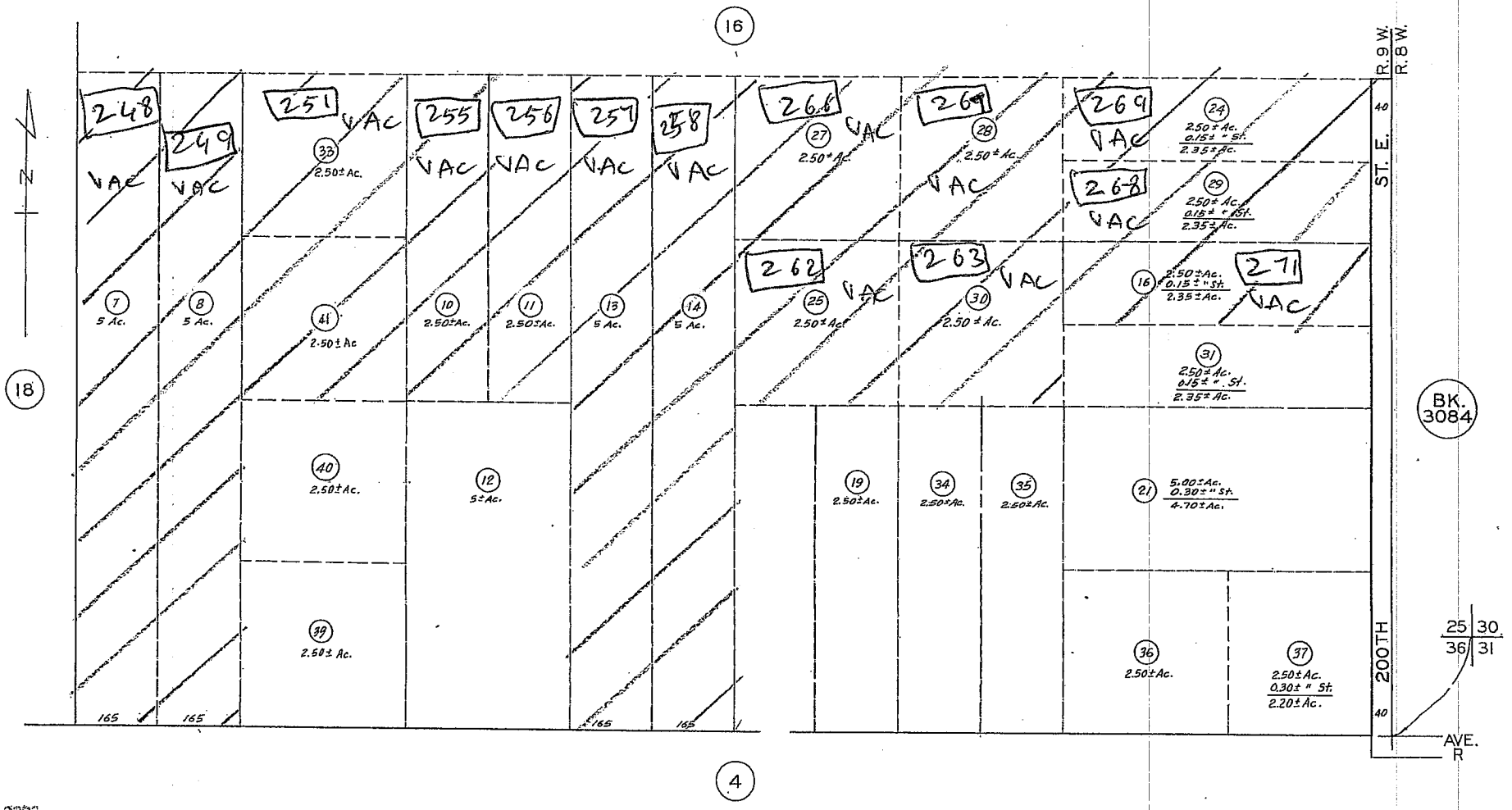
3030 | 24

SCALE 1" = 200'

2008

931027050060 01-A1
200705140400 1001-A1

800115512
801029324
821227218
851204409-86
860311061-86
891211050110 01-A1



CODE
9820

T. 6 N., R. 9 W.

FOR PREV. ASSM'T SEE:
3030 – 16

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

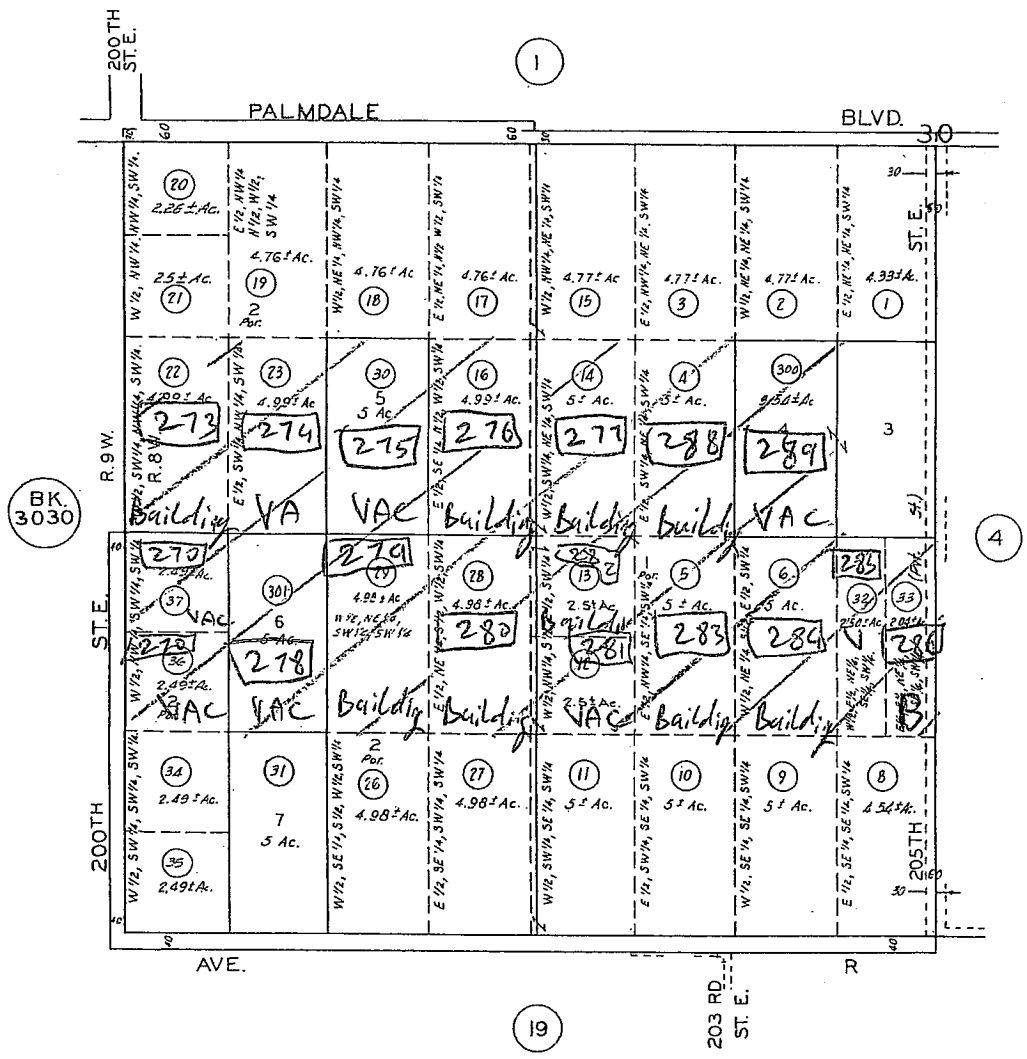
Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF

3084 | 3

SCALE 1" = 400'

751022502
7703118OB



All areas on this page are net.

CODE
9820

FOR PREV. ASSM'T SEE:
3084 – 3

T. 6 N., R. 8 W.

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3084	4 SHEET	P. A. 3084-4	TRA 9820	REVISED 860612001-87 2008012403011001-A1

SEARCH NO		OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002

□ → Parcel Number in Table 1

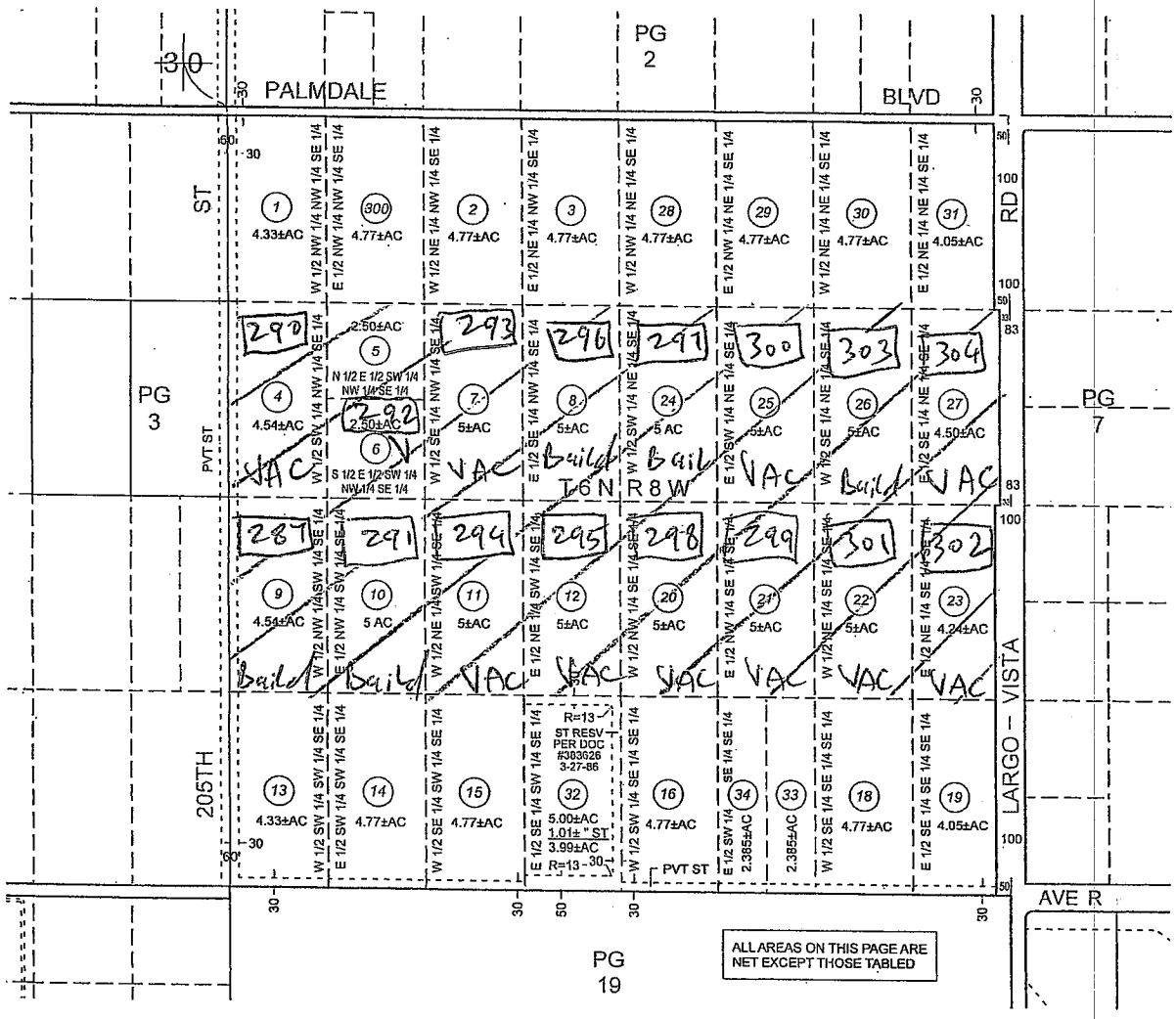
▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

2008

MAPPING AND GIS SERVICES
SCALE 1" = 400'



3084	7 SHEET	P. A. 3084-7	TRA 9820	REVISED 1991110408004001-A1 2006022205009001-A1

SEARCH NO		OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002

□ → Parcel Number in Table 1

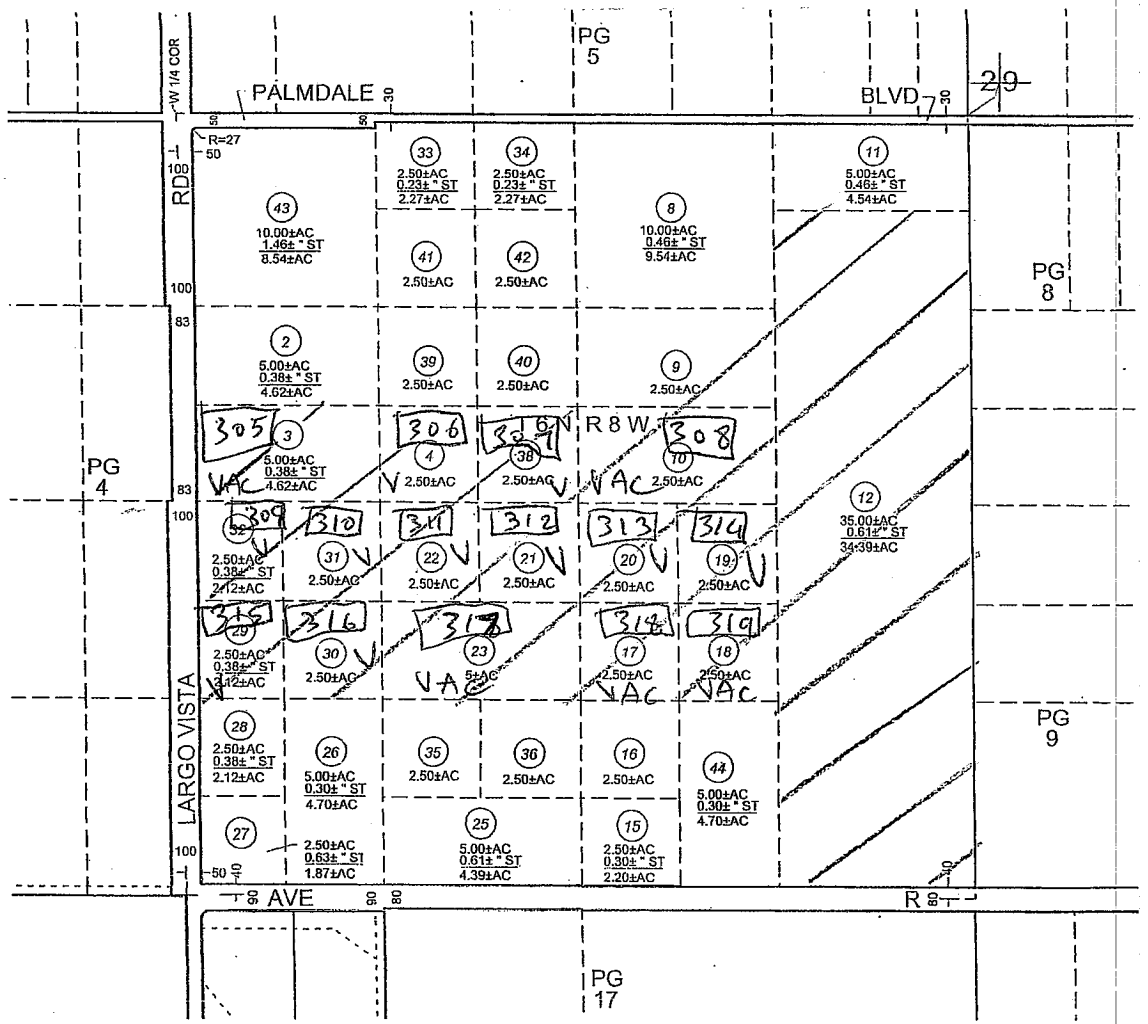
▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

2010

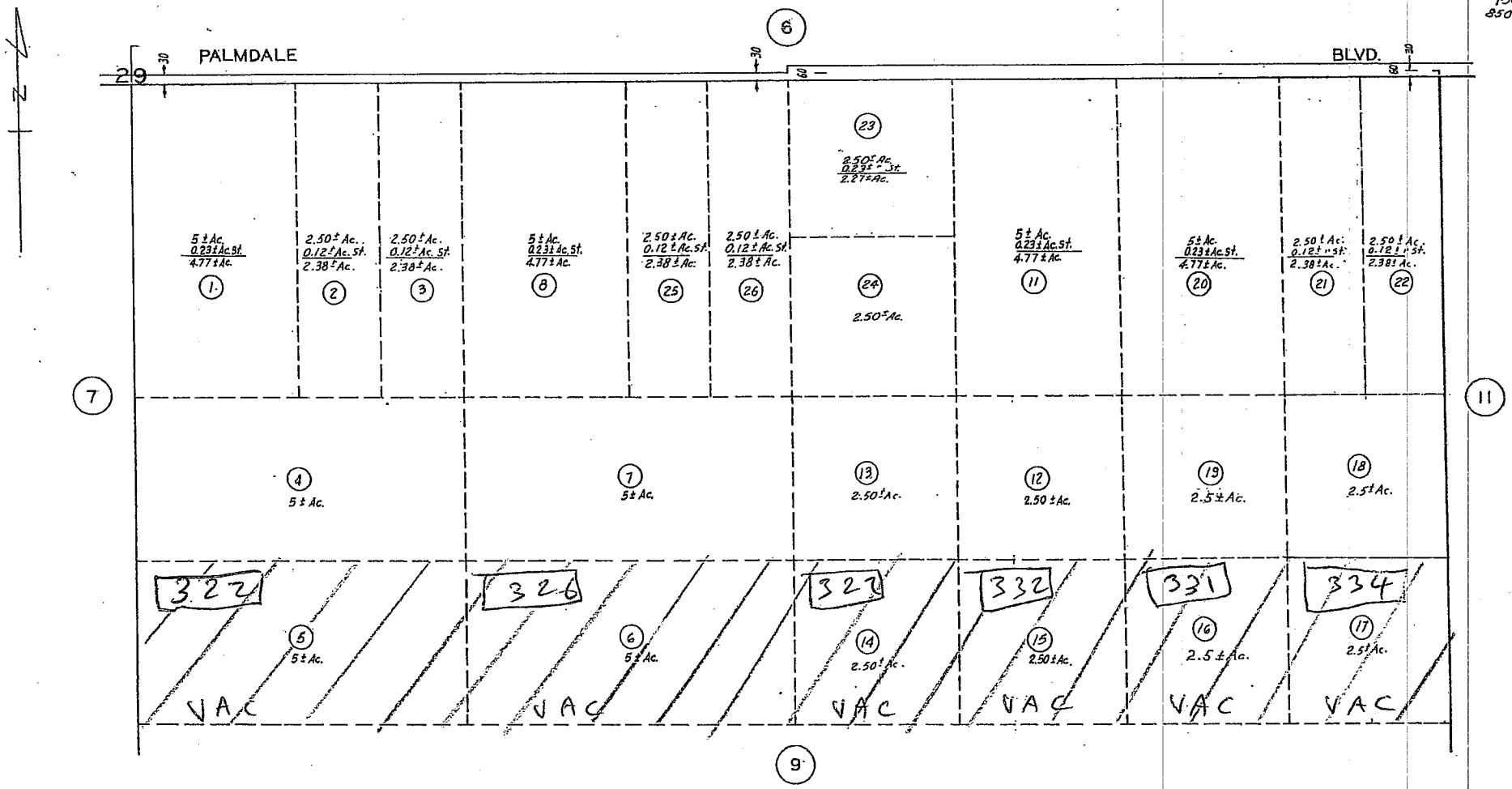
MAPPING AND GIS SERVICES
SCALE 1" = 400'



3084 | 8

CALE 1" = 200'

690526016
71031551O
71100161A
720605806
721107816
730223420
750417631
850214801-84D



CODE
9820

FOR PREV. ASSM'T SEE:
3084 – 8

T.6N., R.8W.

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

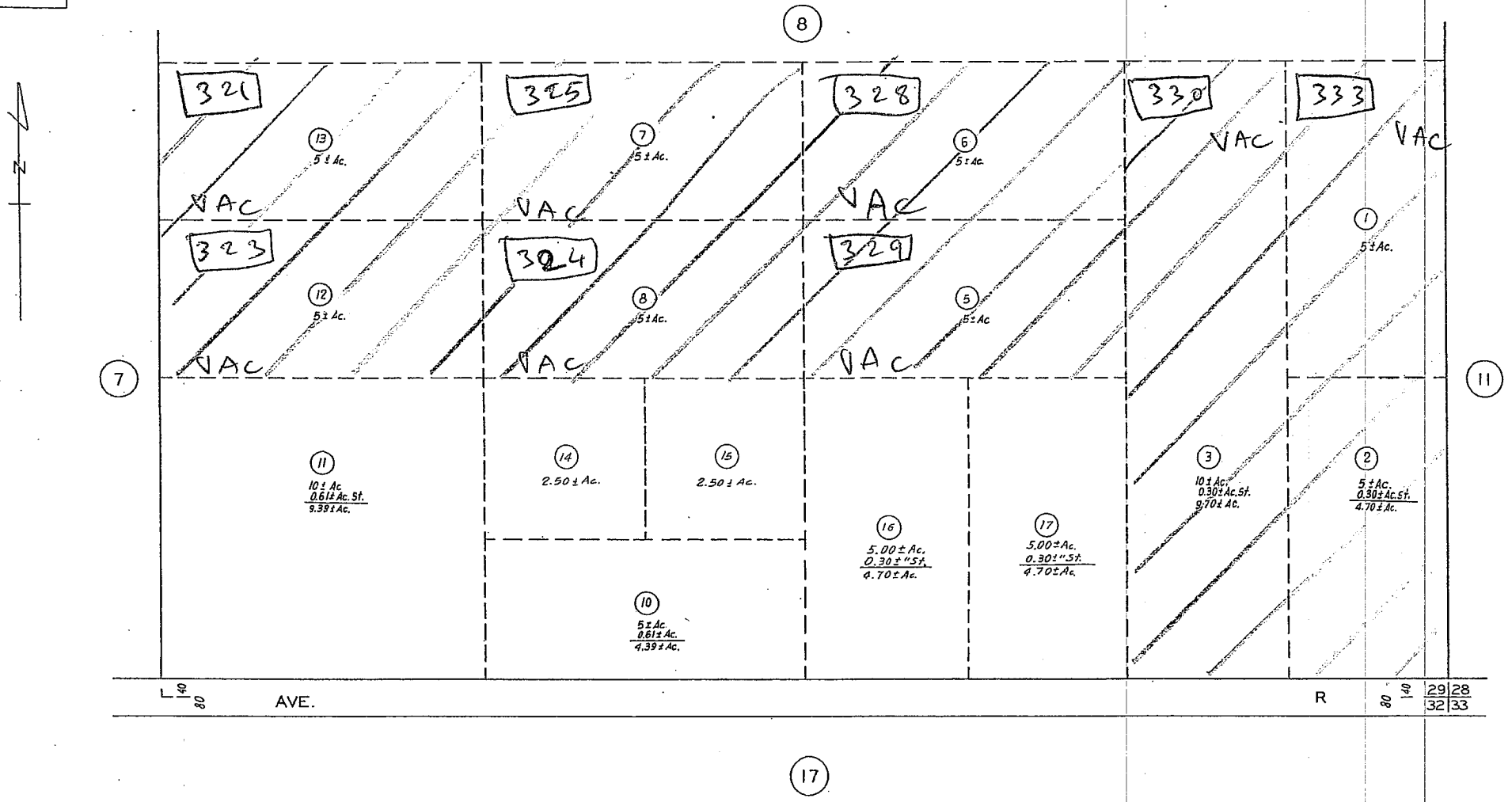
Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3084 | 9

SCALE 1" = 200'

690526017
750415002
831109604-84



CODE
9820

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

FOR PREV. ASSM'T SEE:
3084 – 9

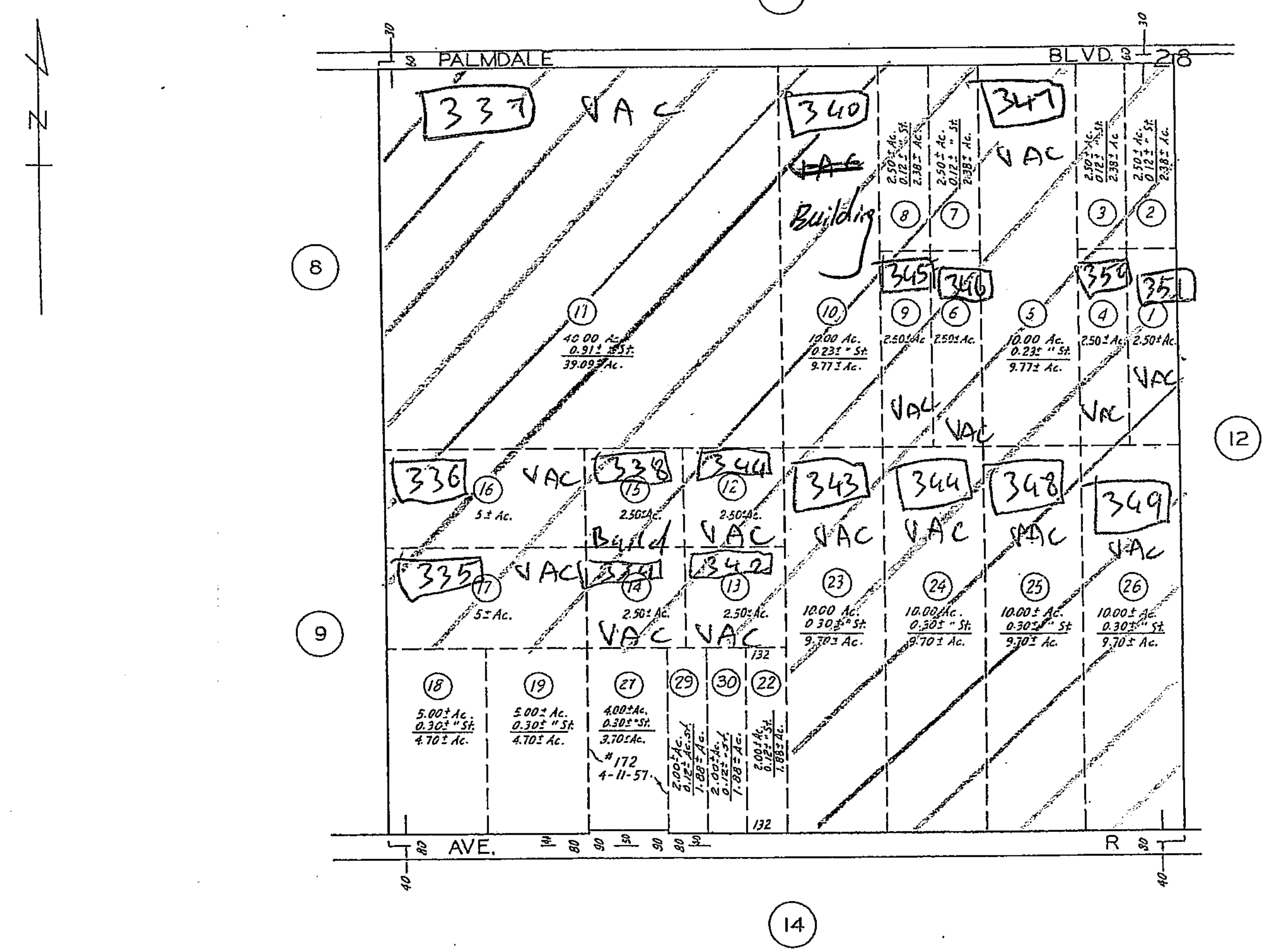
T. 6 N.,

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3084 | 11

SCALE 1" = 400'

750621104
751020804
790411229



CODE
9820

FOR PREV. ASSM'T SEE:
3084 - 11

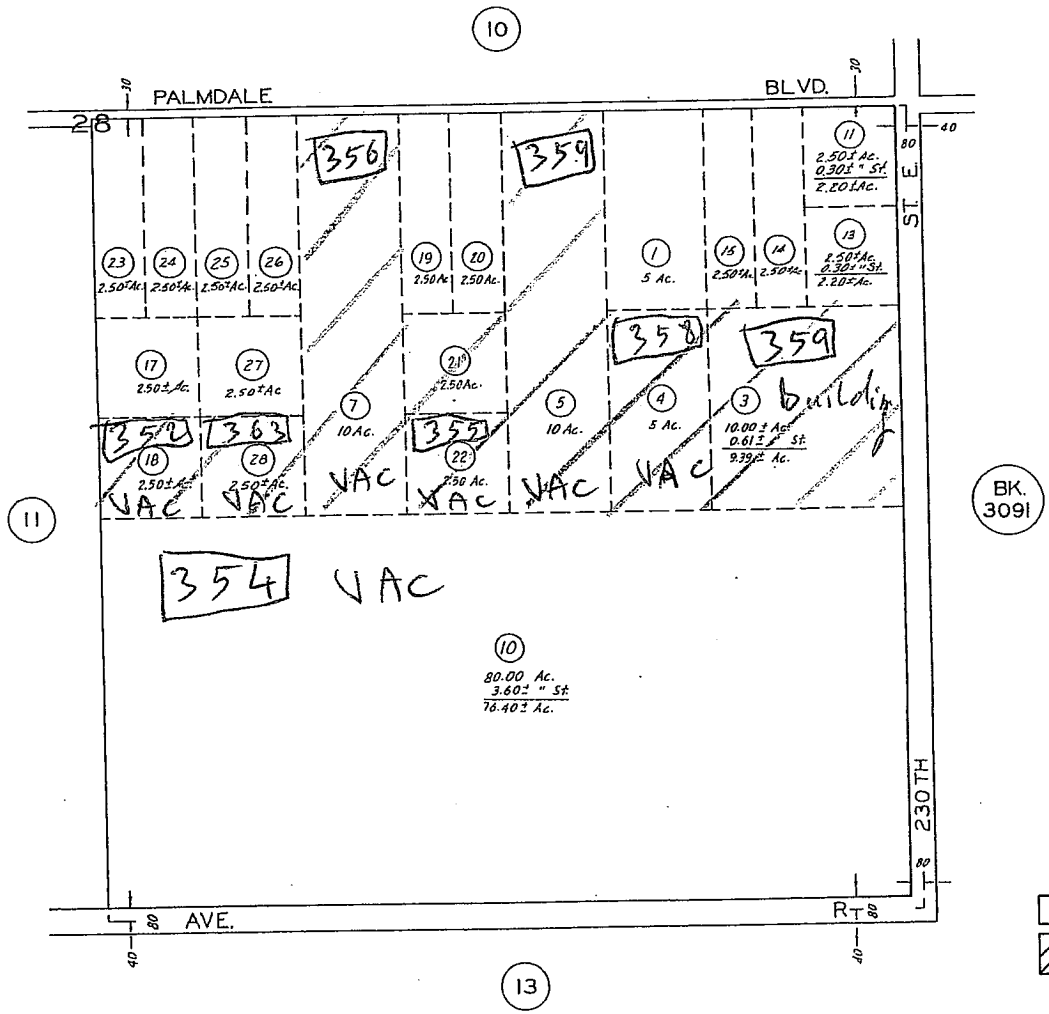
T. 6 N., R. 8 W.

☐ →	Parcel Number in Table 1
▨ →	Parcels Affected by Design Alternatives
VAC →	Vacant Lot
Building →	Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3084 | 12

SCALE 1" = 400'



N

CODE
9820

FOR PREV. ASSM'T SEE:
3084 – 12

T. 6 N, R. 8 W.

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

VAC → Vacant Lot

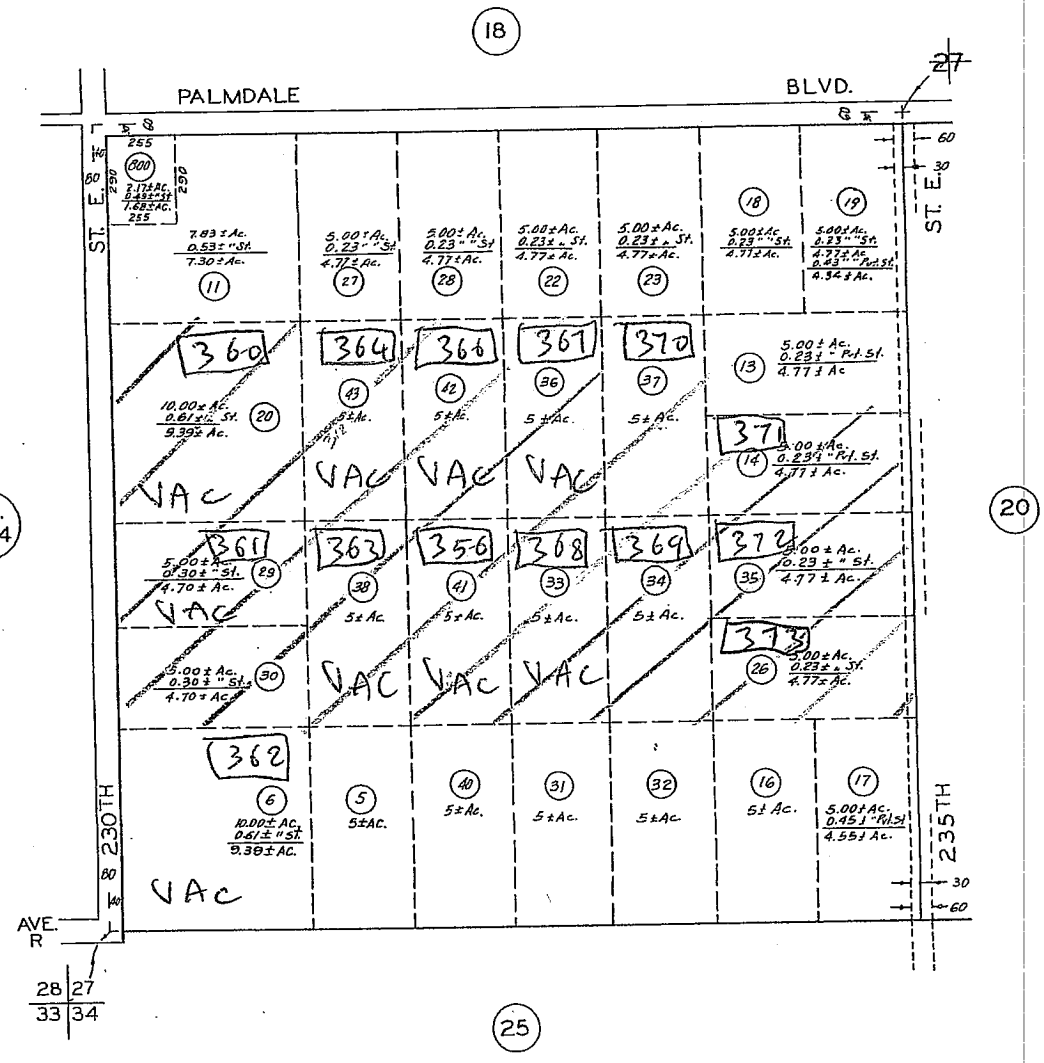
Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3091	19

SCALE 1" = 400'

75010922I
7508158I7
760329604
760608605
760723807
760930410
761018
761029204
761209607



CODE
9820

T. 6N., R.8W.

FOR PREV. ASSM'T SEE:
3031-23

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

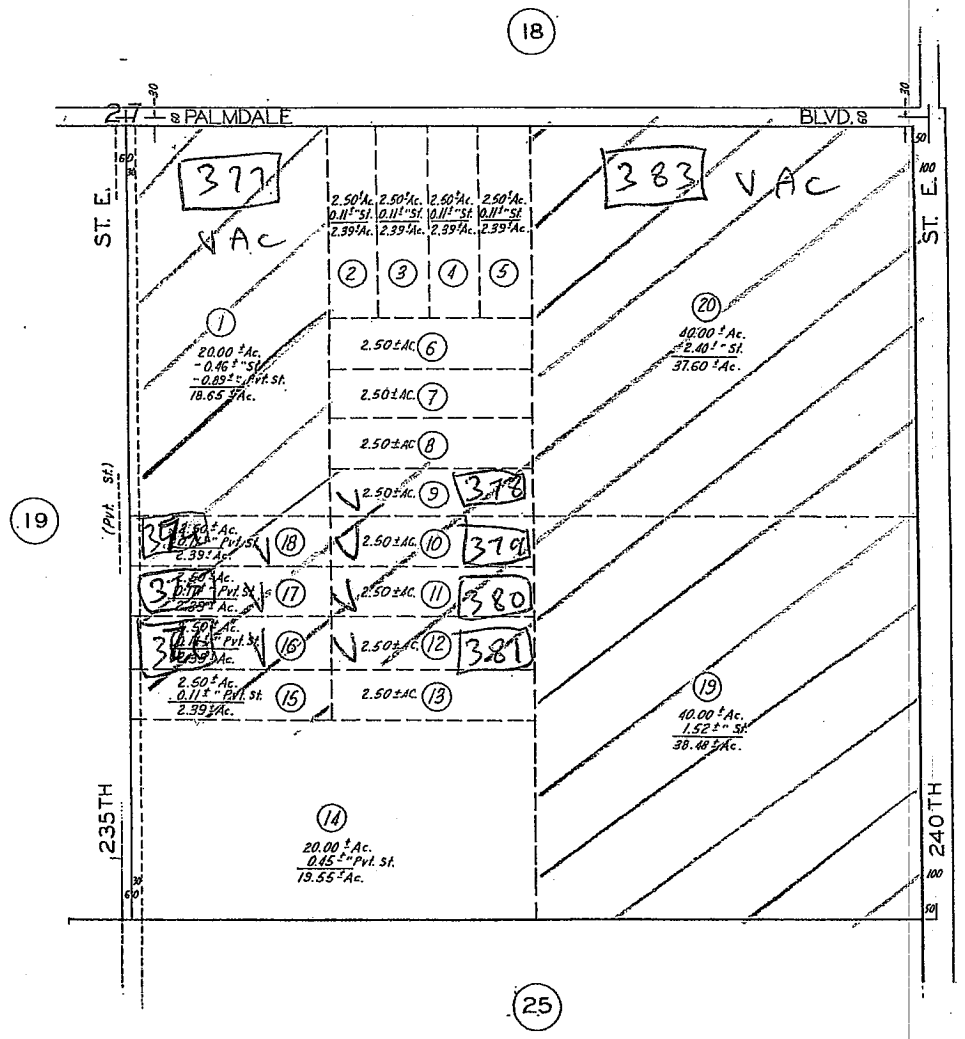
VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3091 20

SCALE 1" 400'



N

Parcel Number in Table 1

Parcels Affected by Design Alternatives

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

CODE
9820

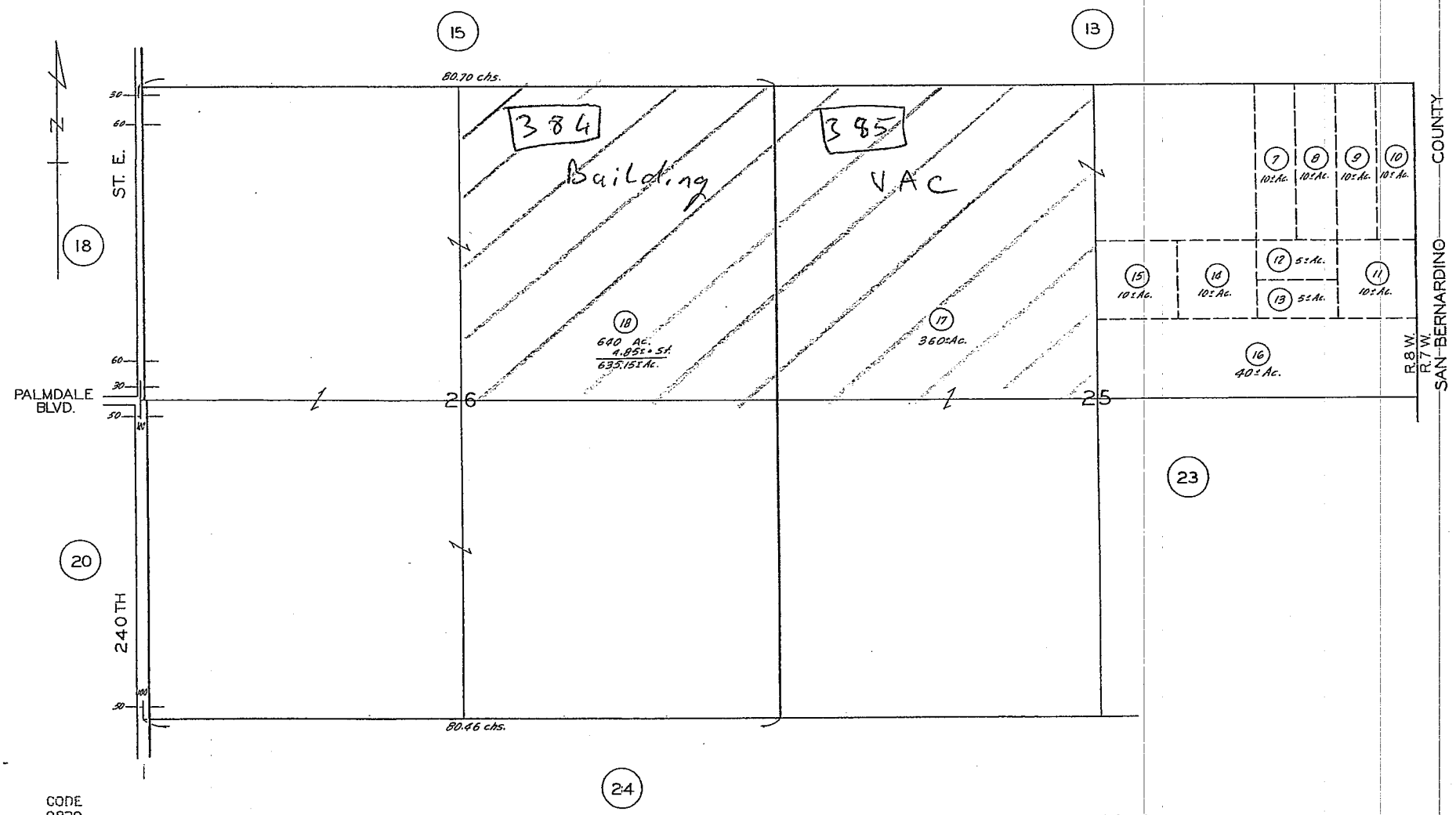
T. 6 N., R. 8 W.

FOR PREV. ASSM'T SEE:
3031- 59

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF

3091 21

800'



CODE
9820

T. 6 N., R. 8 W.

FOR PREV. ASSM'T SEE:
3031 - 21 & 22
3091 - 22

□ → Parcel Number in Table 1

▨ → Parcels Affected by Design Alternatives

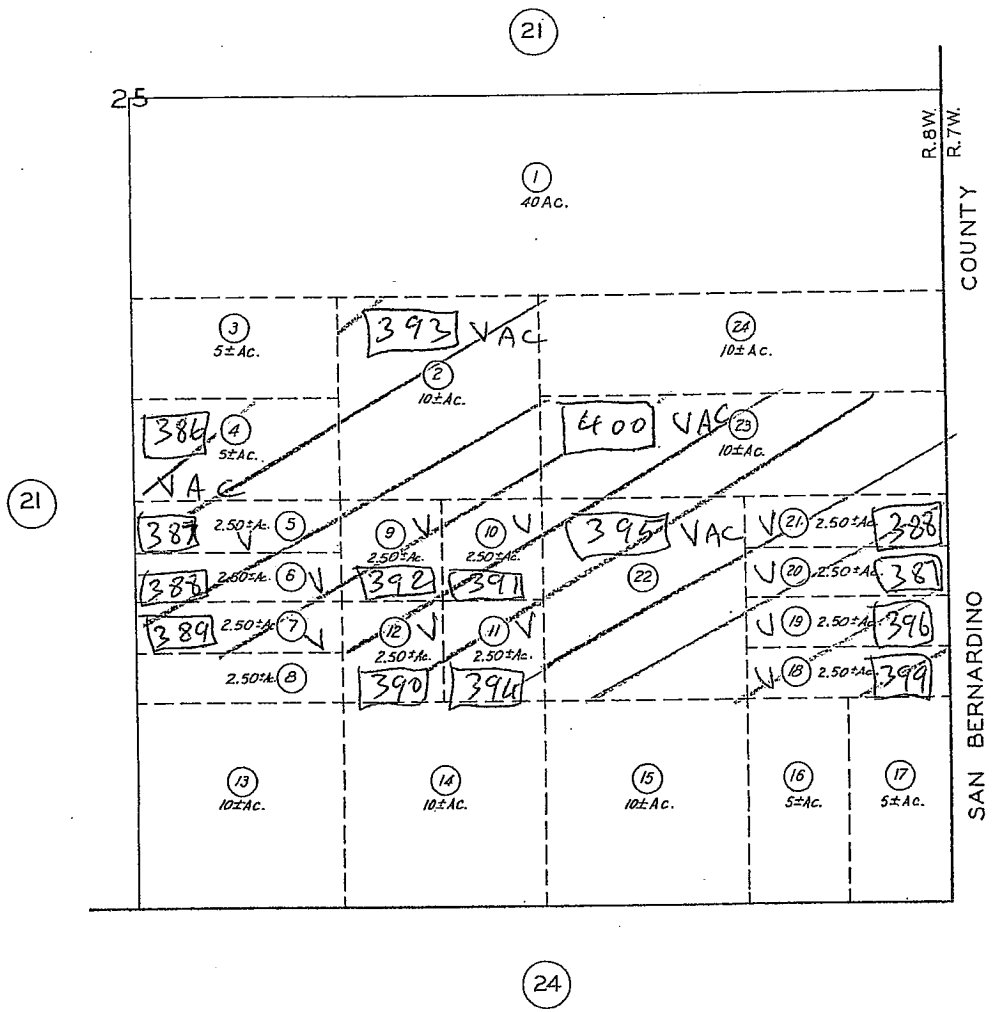
VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

3091 | 23

SCALE 1" = 400'



CODE
9820

T. 6 N., R.8W.

FOR PREV. ASSM'T SEE:
3031-21

Parcel Number in Table 1 →

Parcels Affected by Design Alternatives →

VAC → Vacant Lot

Building → Single Family Residence or Commercial Building

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

APPENDIX D

Groundwater Database

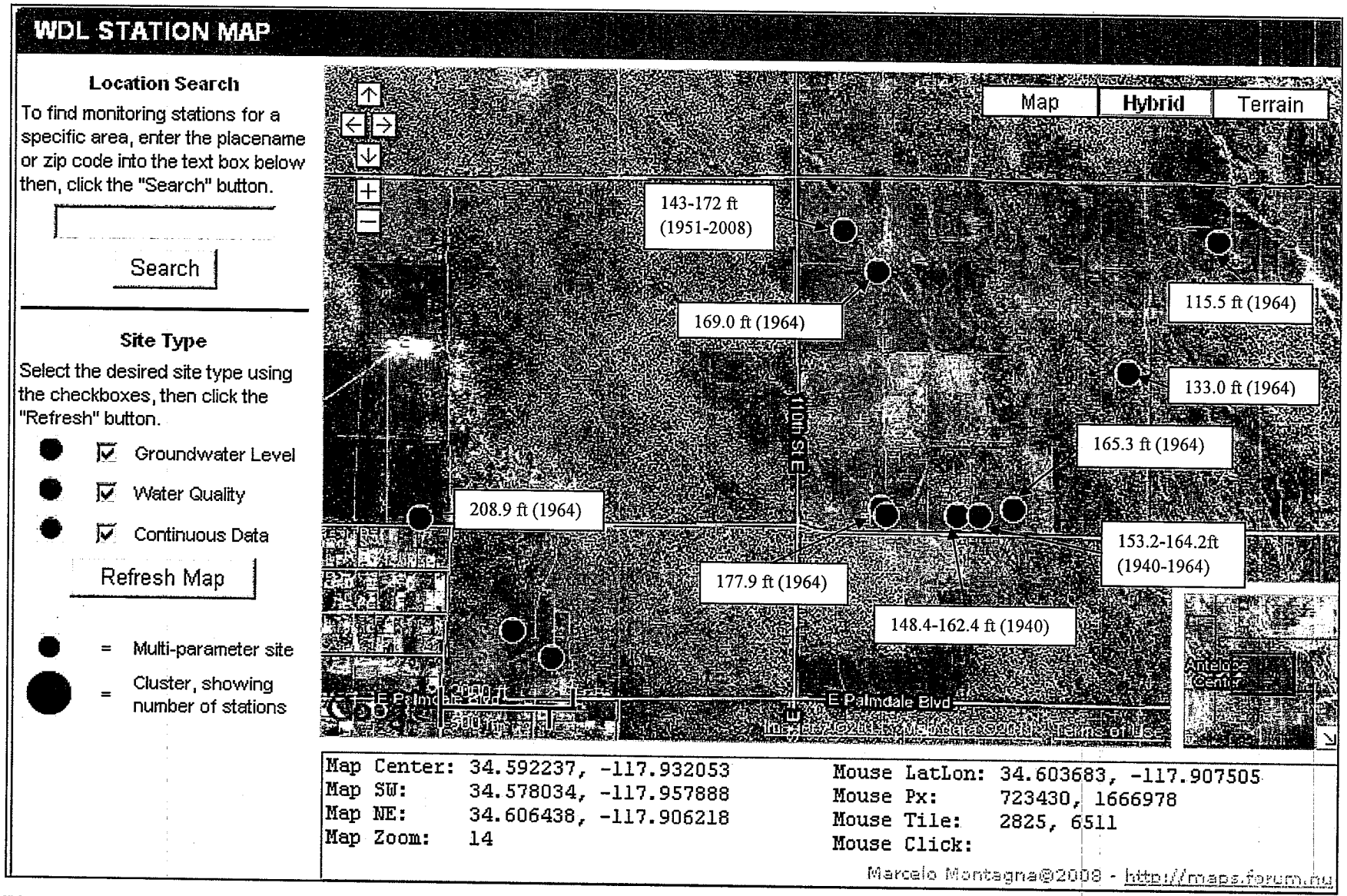


Figure D01. Groundwater Level Photo between is between 100th Street and 120th Street. The proposed highway 138 is between Ave. P and Ave. Q.

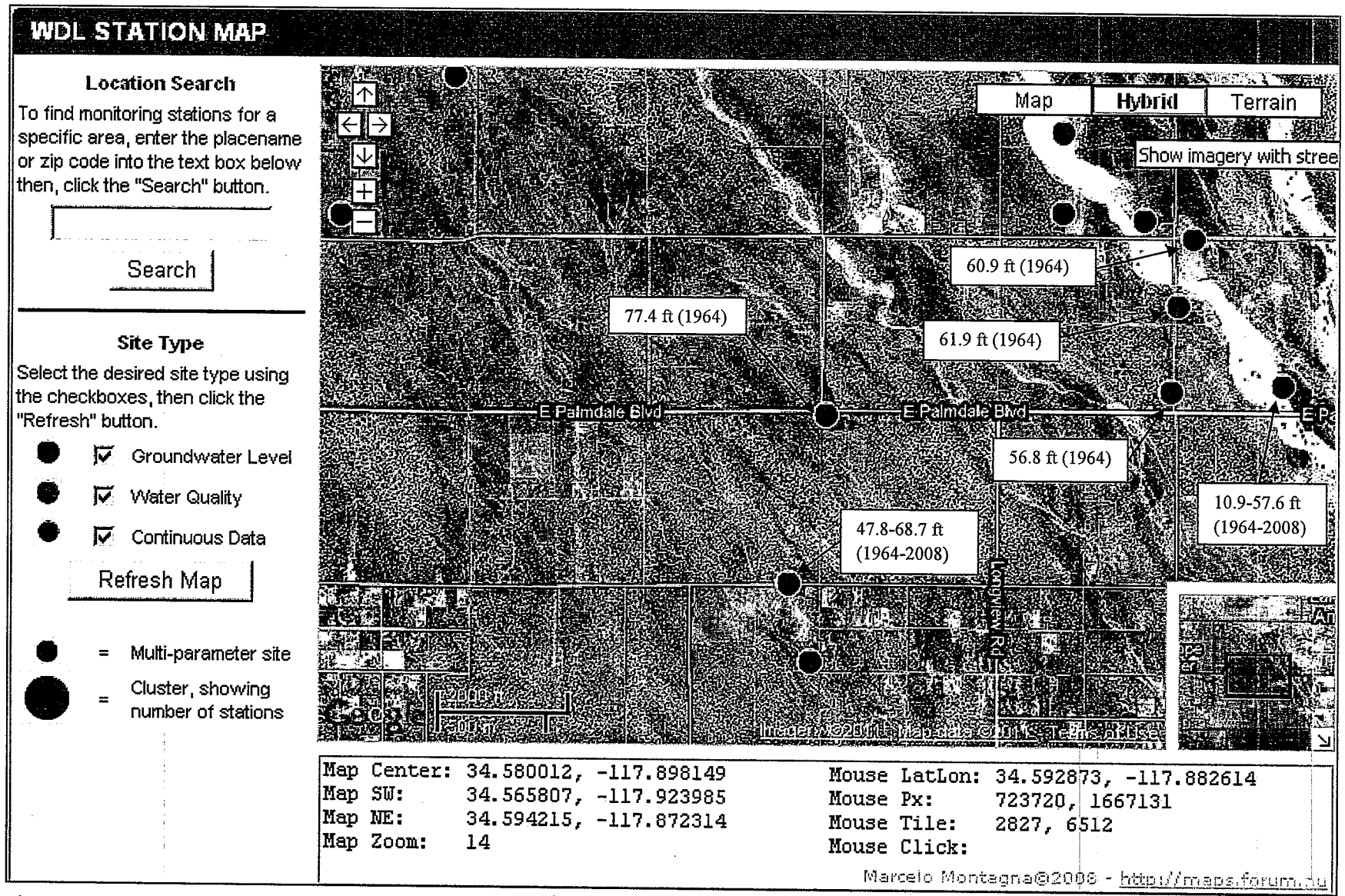


Figure D02. Groundwater Level Photo is between 120th Street and 140th Street. The proposed highway 138 is between Ave. Q and Ave. R.

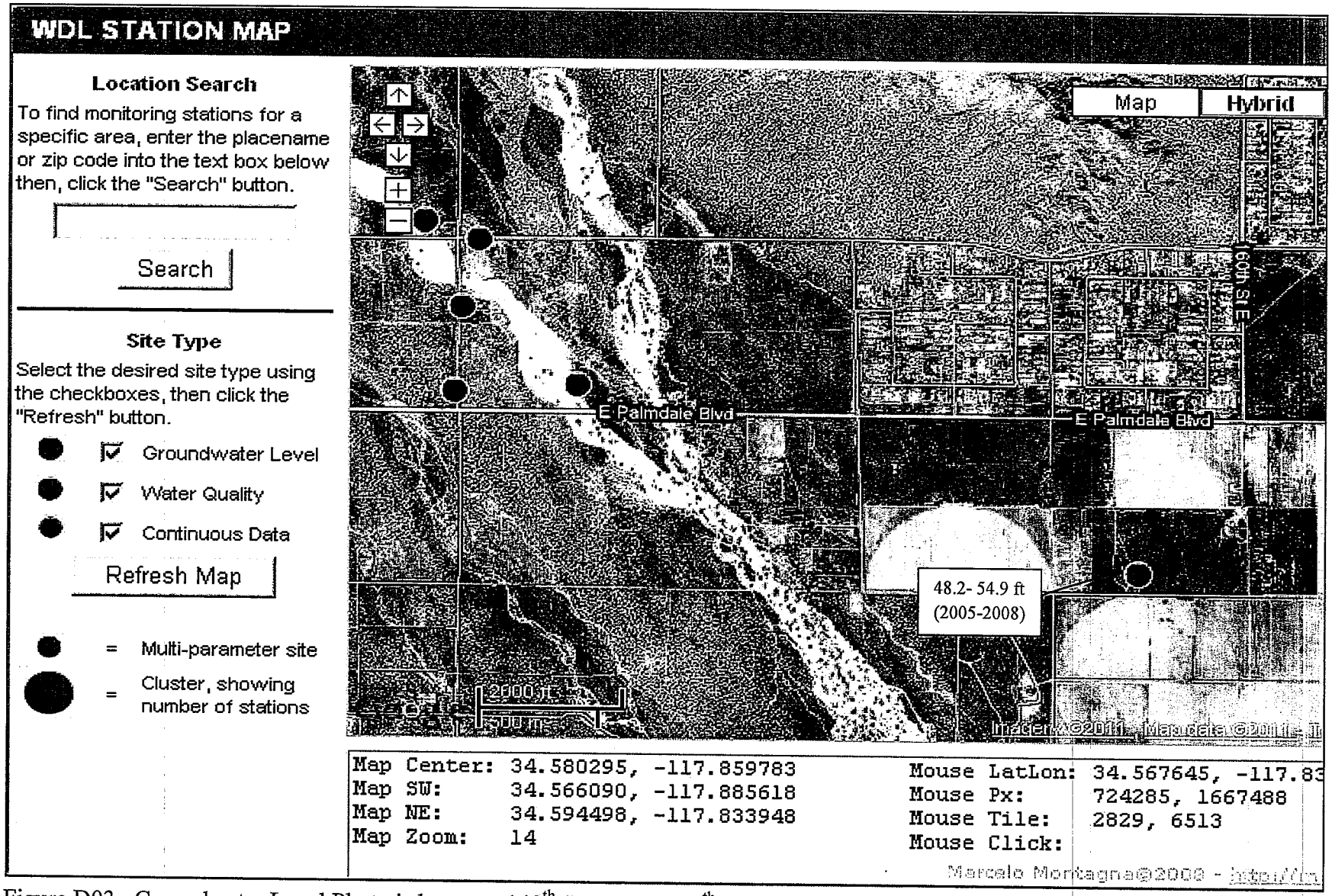


Figure D03. Groundwater Level Photo is between 140th Street and 160th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

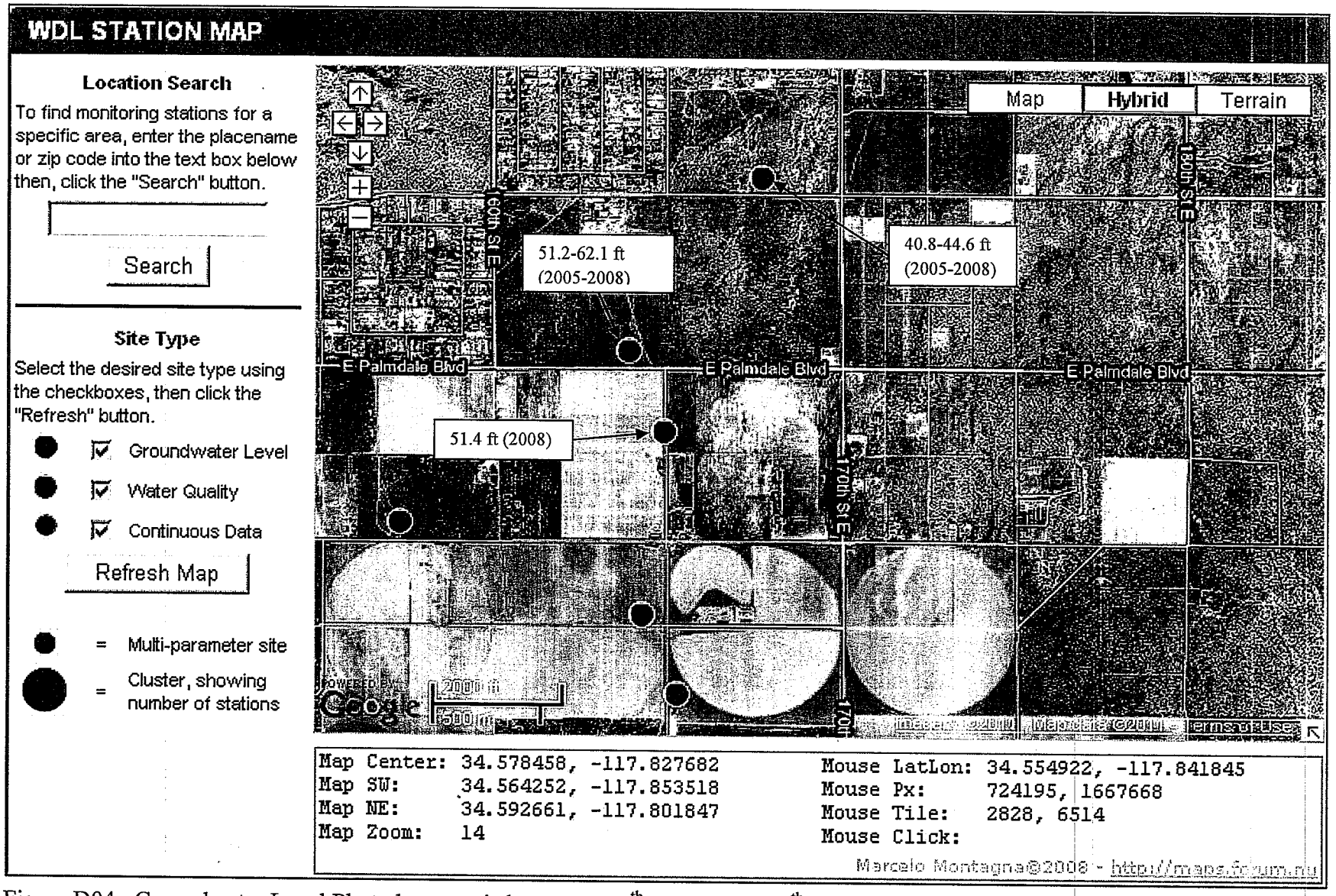


Figure D04. Groundwater Level Photo between is between 160th Street and 180th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

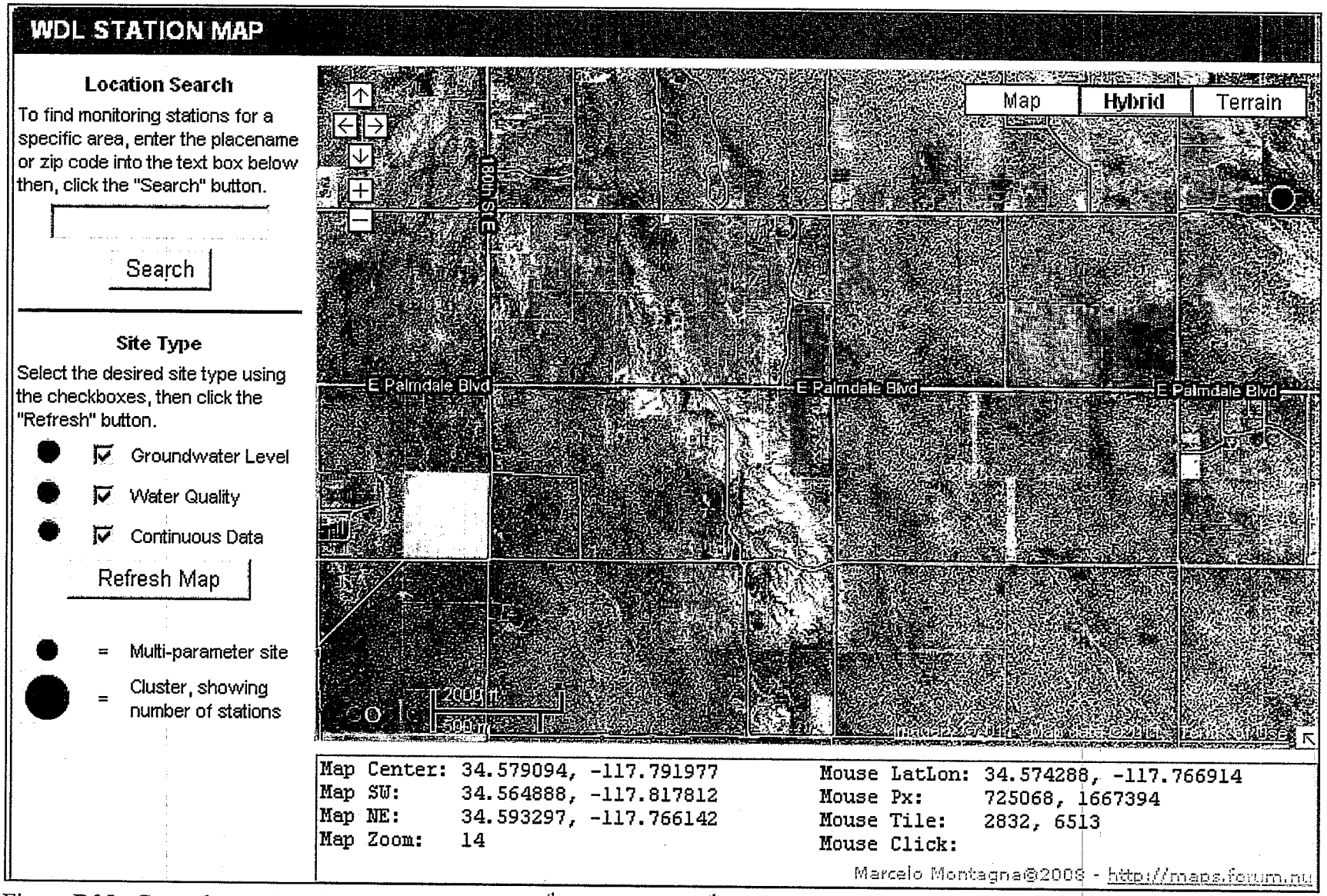


Figure D05. Groundwater Level Photo is between 180th Street and 200th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

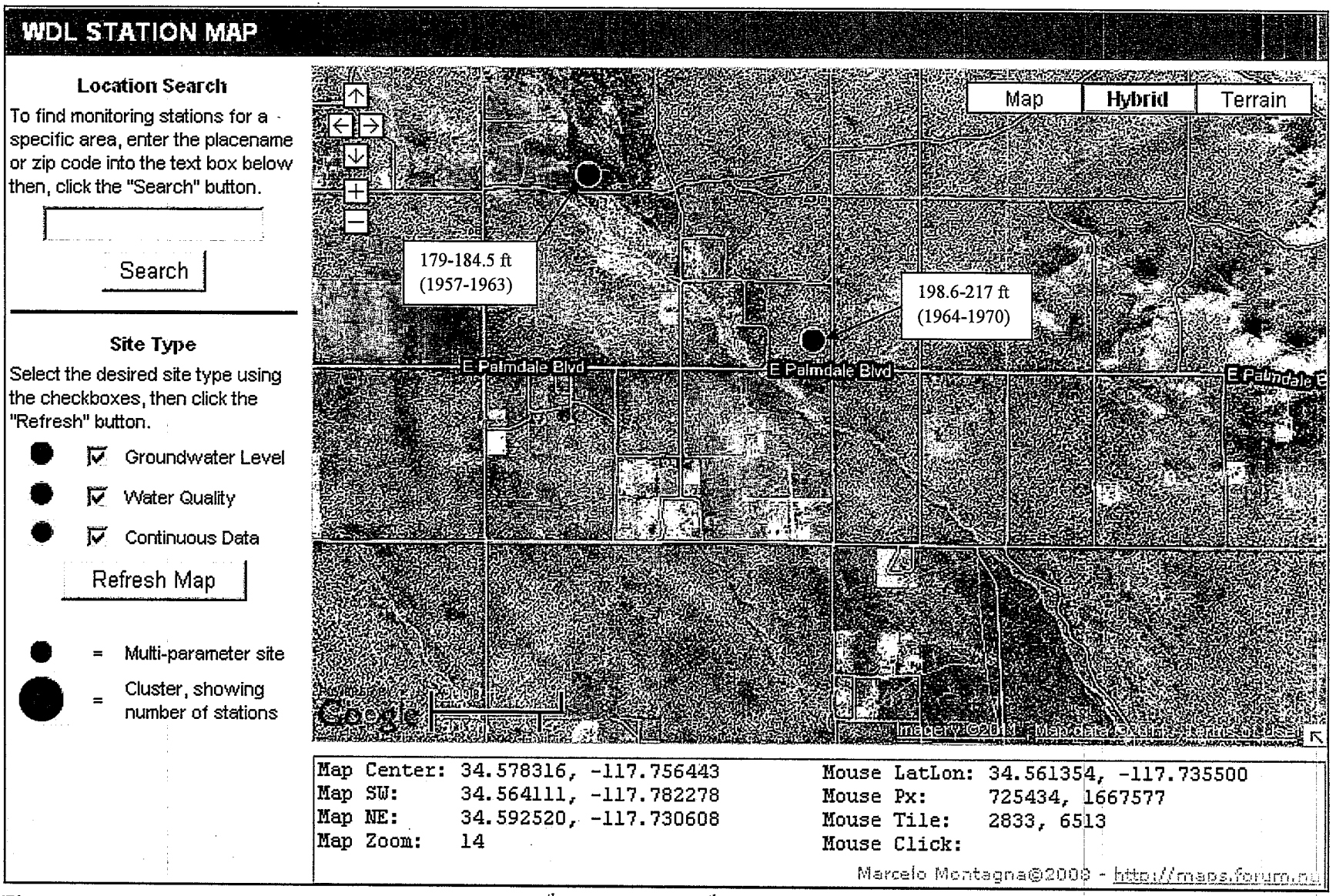


Figure D06. Groundwater Level Photo is between 200th Street and 220th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

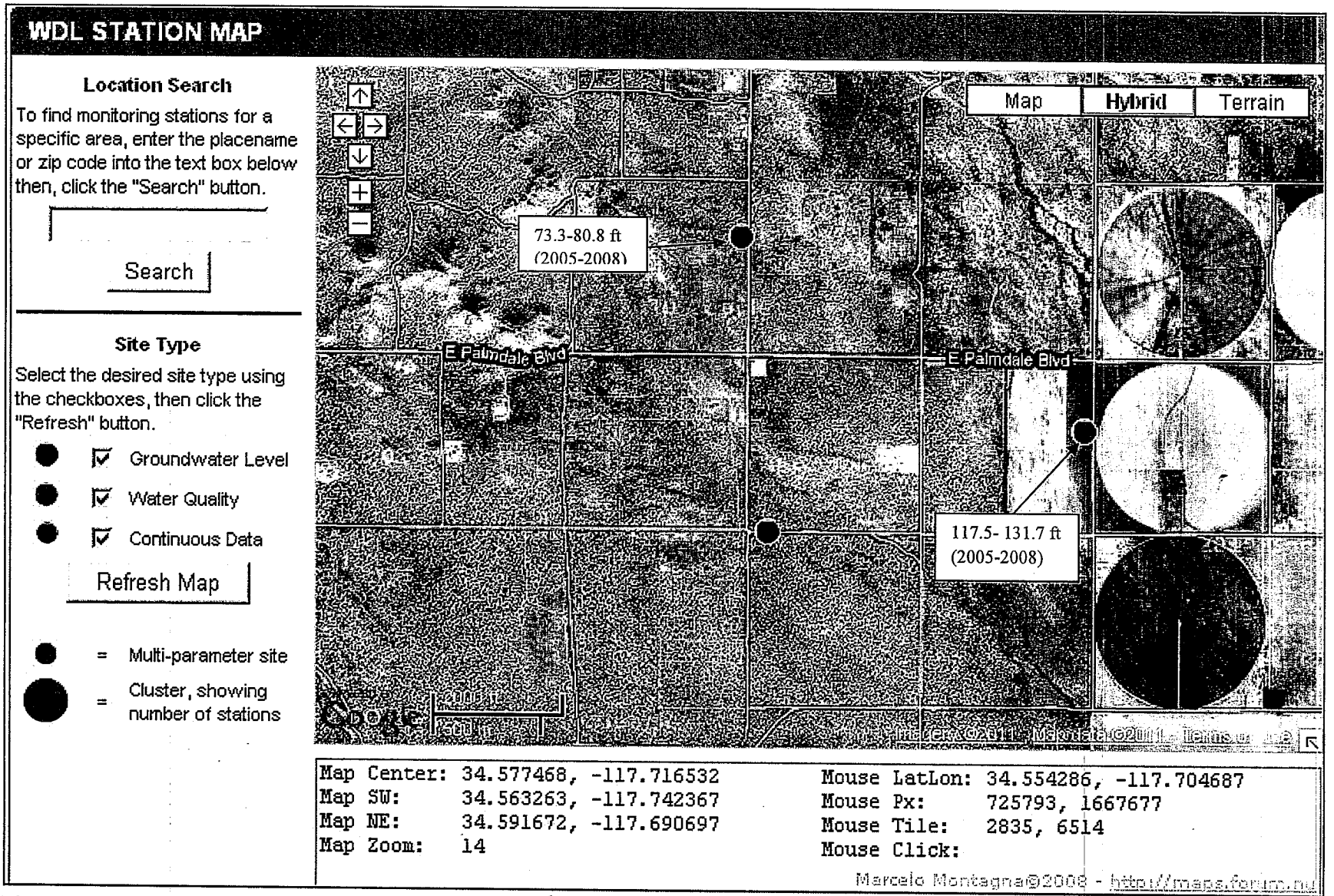


Figure D07. Groundwater Level Photo is between 220th Street and 240th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

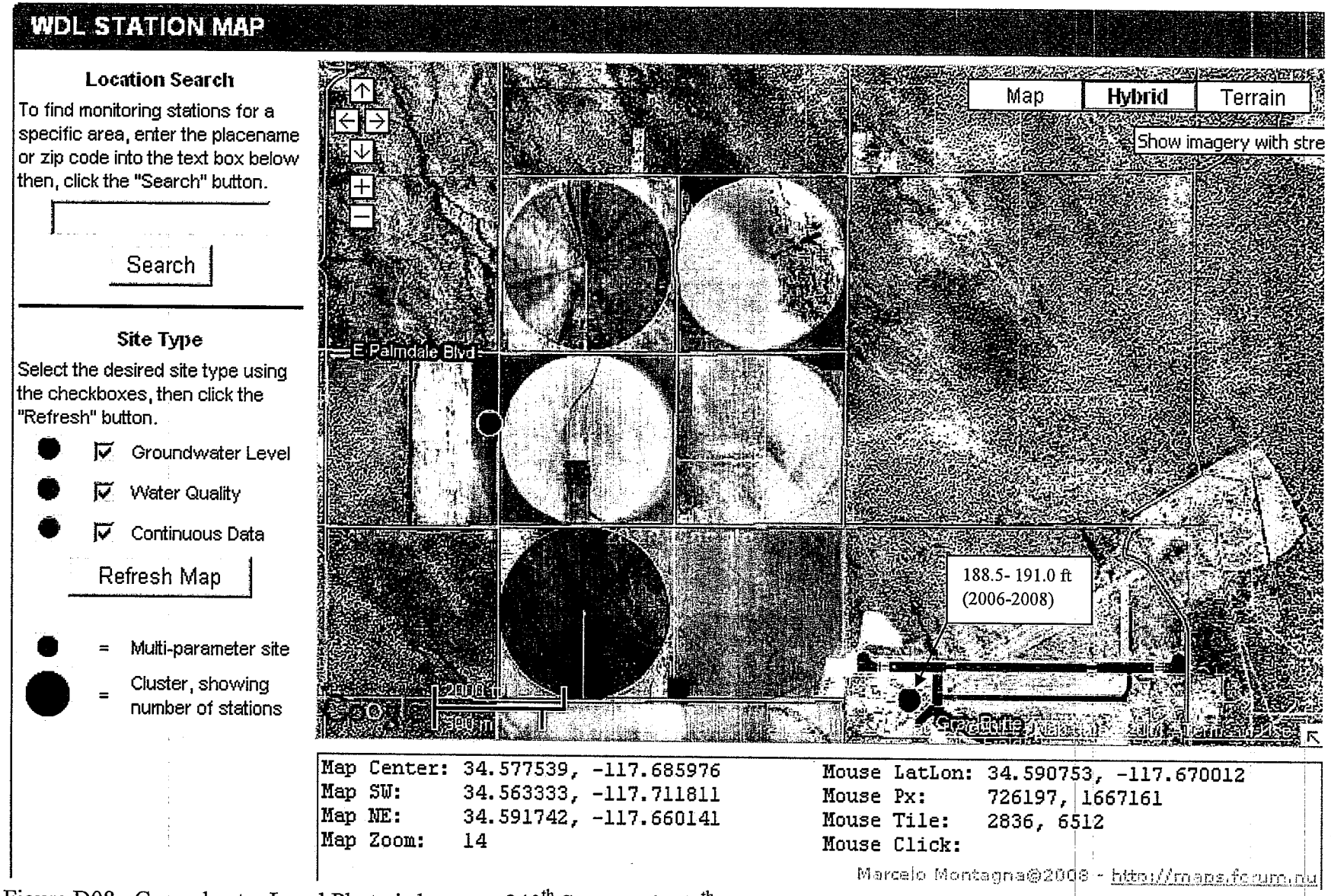


Figure D08. Groundwater Level Photo is between 240th Street and 260th Street (County Line). The proposed highway 138 is between Palmdale Blvd. and Ave. R.

APPENDIX E

Photographs Taken During Site Reconnaissance

Photo E01. Single Family Residence, APN No.: 3029-018-033; Address: 14660 E. Palmdale Blvd., Palmdale CA 93591 (Photo taken from the Palmdale Blvd.)

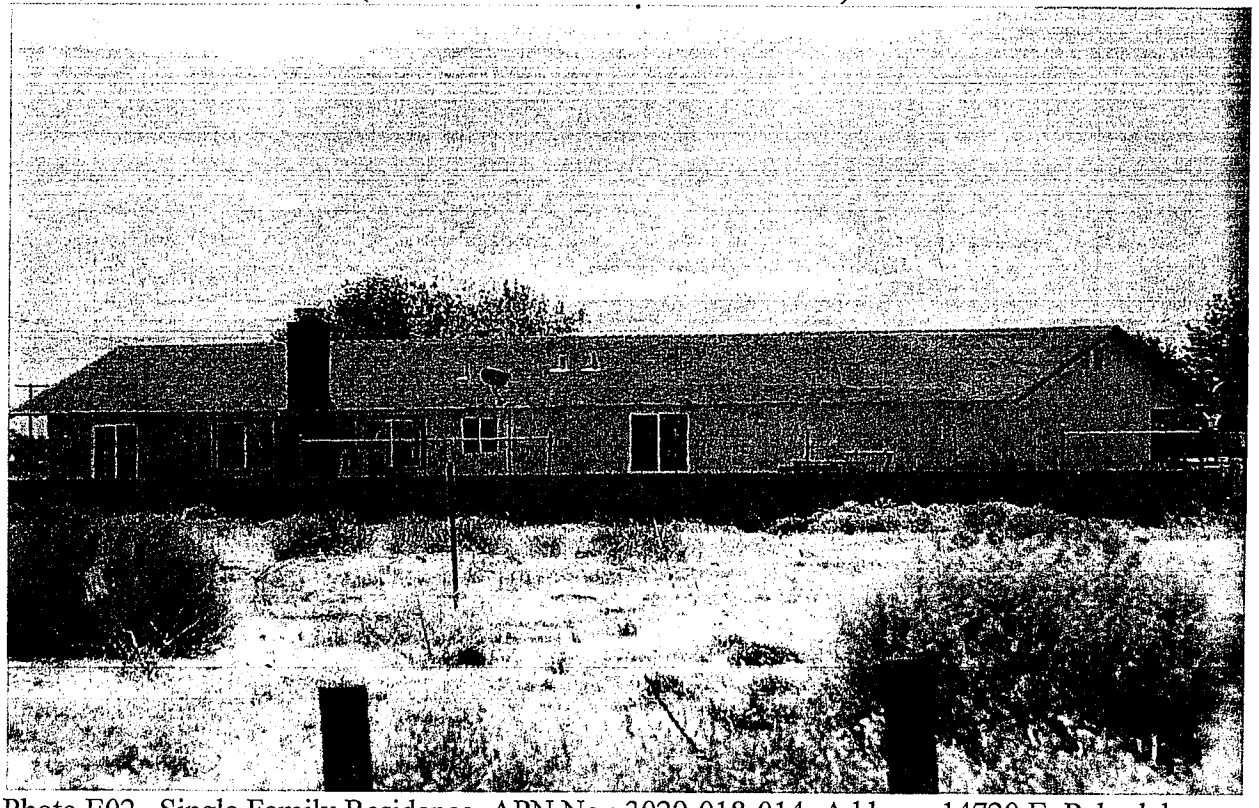


Photo E02. Single Family Residence, APN No.: 3029-018-014; Address: 14720 E. Palmdale Blvd., Palmdale CA 93591 (Photo taken from the Palmdale Blvd.)

Photo E03. Single Family Residence, APN No.: 3029-018-019; Address: 14745 E. Avenue Q-14, Palmdale. CA 93591 (Photo taken from the 150th Street E.)

Photo E04. Single Family Residence, APN No. 3029-016-013, Address at 15503 E. Avenue R, Littlerock, CA 93543 (Photo taken from Ave. R)

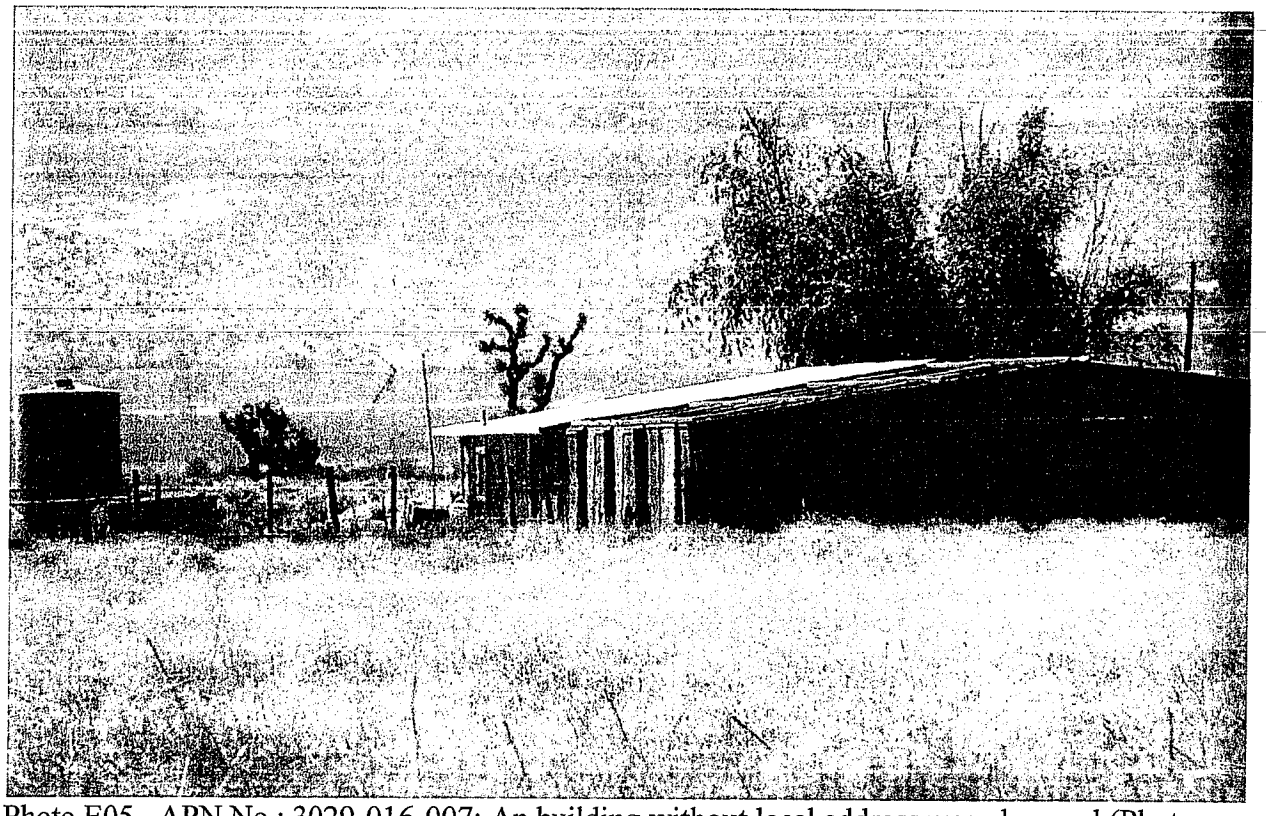


Photo E05. APN No.: 3029-016-007; An building without local address was observed (Photo taken from 160th Street).

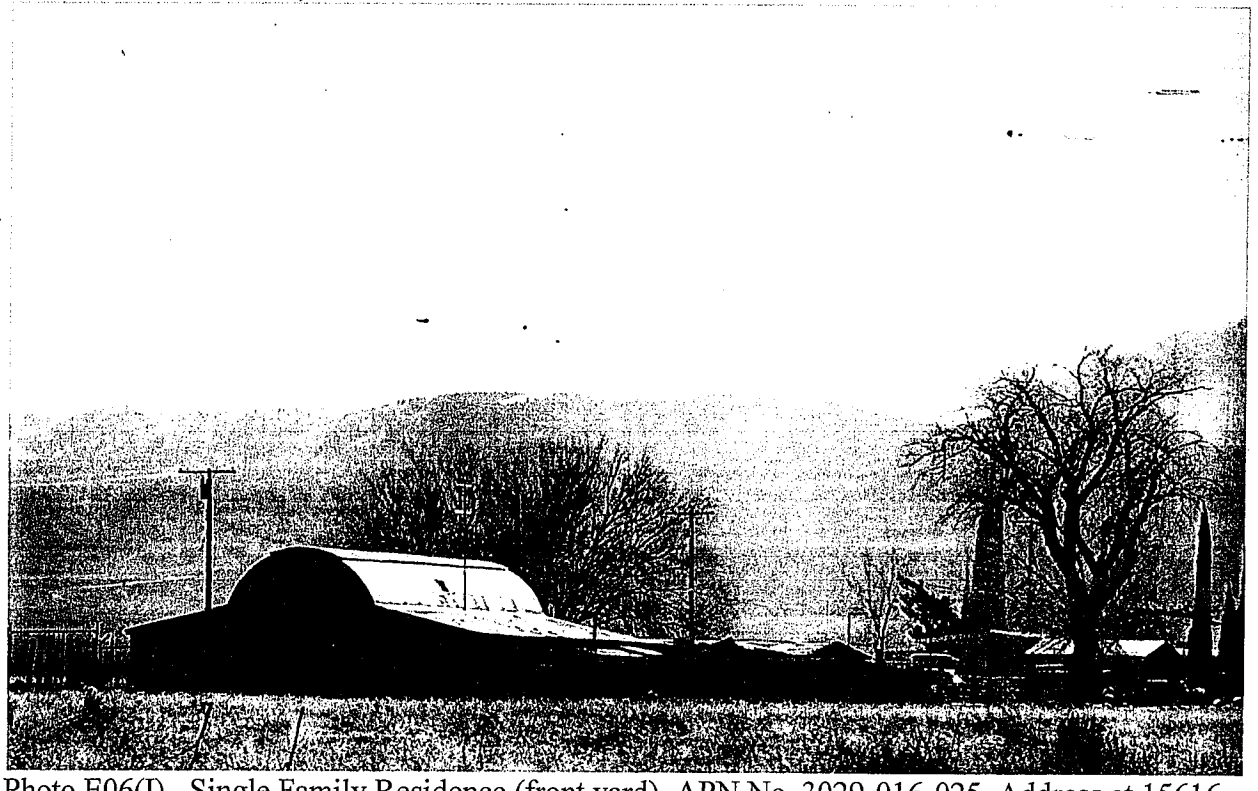


Photo E06(I). Single Family Residence (front yard), APN No. 3029-016-025, Address at 15616 E. Palmdale Blvd. (Photo taken from the Palmdale Blvd.)

Photo E06(II). Single Family Residence (backyard), APN No. 3029-016-025, Address at 15616 E. Palmdale Blvd. (Photo taken from the Palmdale Blvd.)

Photo E07. Single Family Residence, APN No. 3029-016-009, Address at 15366 E. Palmdale Blvd., Palmdale (Photo taken from Palmdale Blvd.)

Photo E08(I). A commercial nursery building (backyard), APN No. 3075-007-001, Address at 16035 E. Avenue R. (Photo taken from the Palmdale Blvd.)

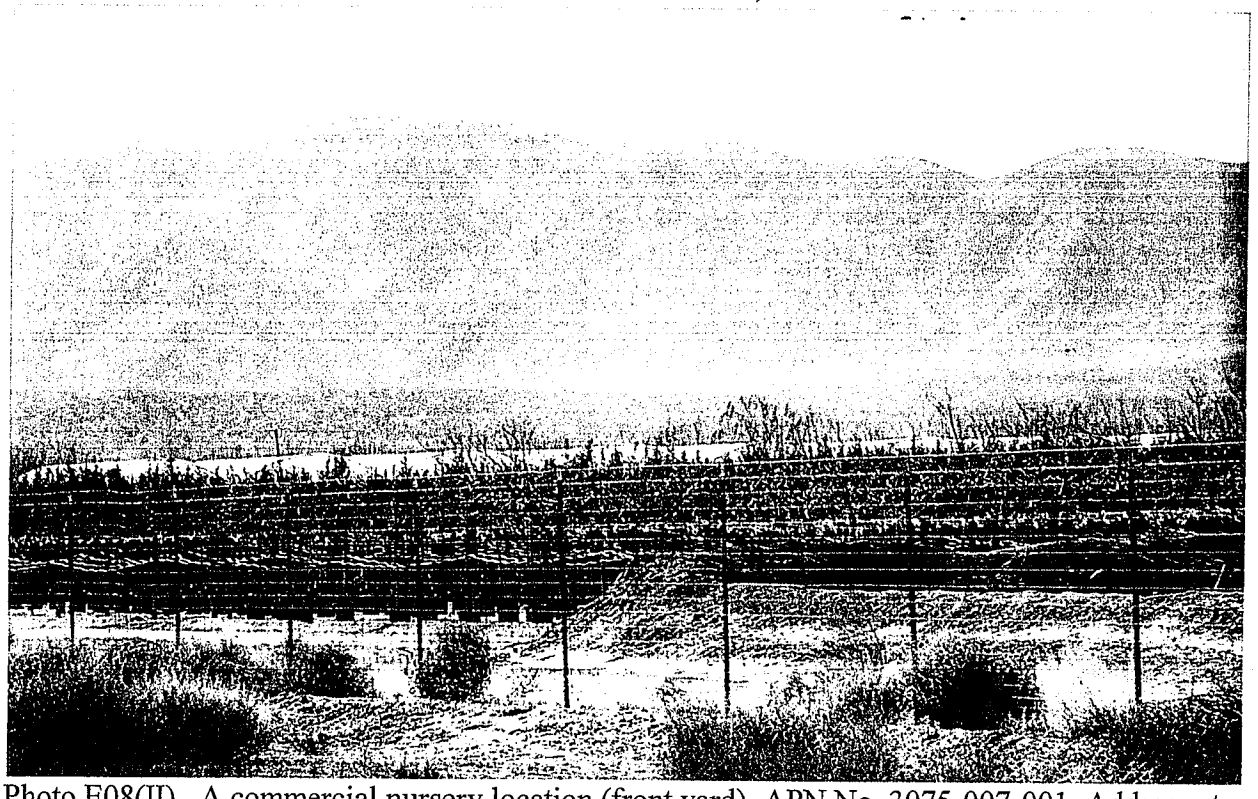


Photo E08(II). A commercial nursery location (front yard), APN No. 3075-007-001, Address at 16035 E. Avenue R. (Photo taken from the Avenue R)

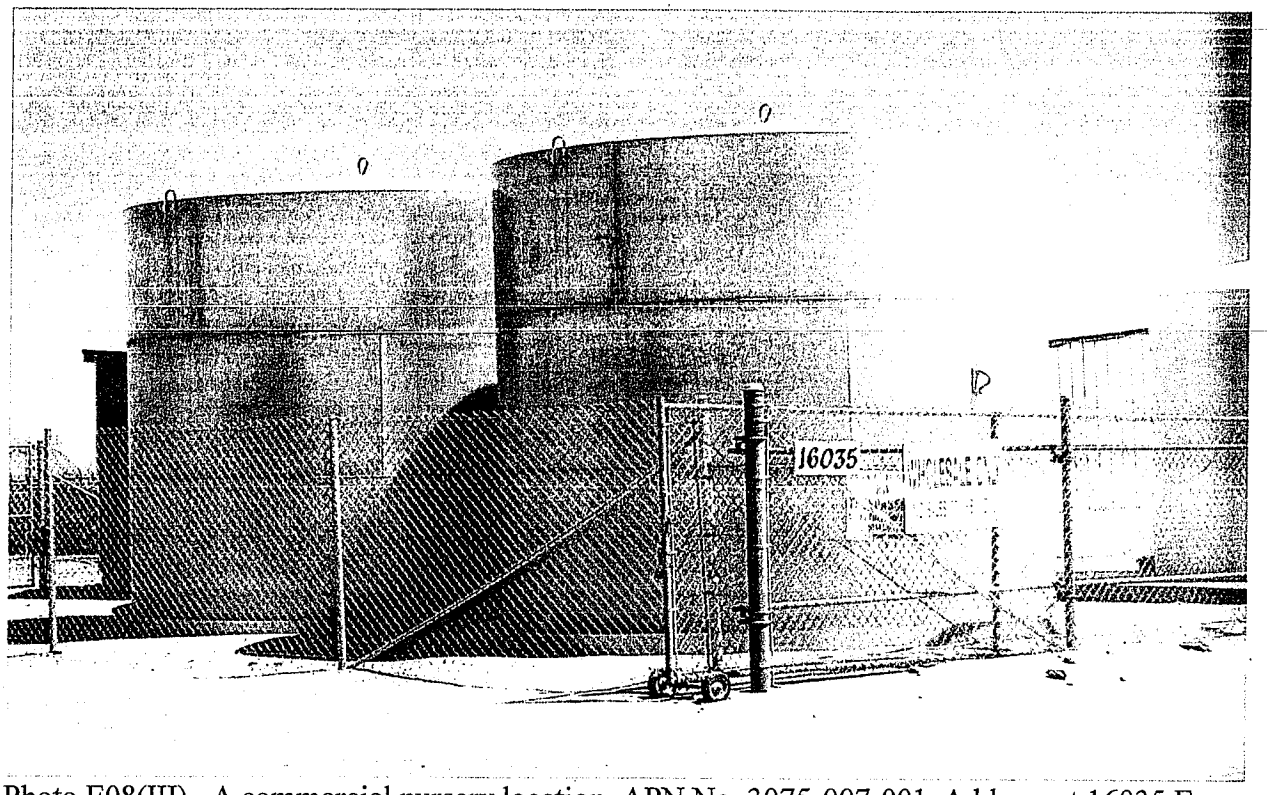


Photo E08(III). A commercial nursery location, APN No. 3075-007-001, Address at 16035 E. Avenue R. (Photo taken from the Avenue R)

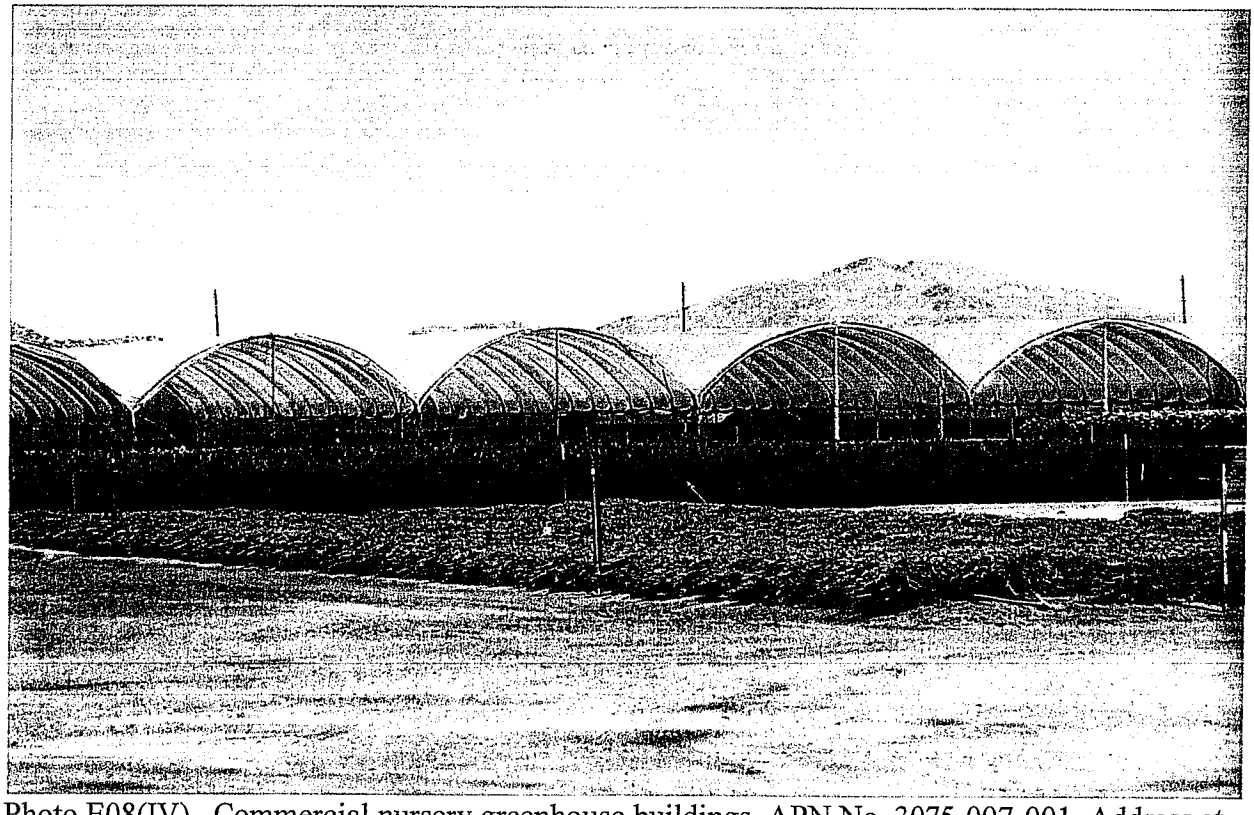


Photo E08(IV). Commercial nursery greenhouse buildings, APN No. 3075-007-001, Address at 16035 E. Avenue R. (Photo taken from the Avenue R)

Photo E09(I). Multi-Family Residence, APN No. 3075-007-007, Address at 16529 E. Avenue R, Llano (Photo taken from the Avenue R)

Photo E09(II). Multi-Family Residence, APN No. 3075-007-007, Address at 16529 E. Avenue R, Llano (Photo taken from the Avenue R)

Photo E10. Single Family Residence (front yard), APN No. 3075-012-004, Address at 38220 170th St. E. (Photo taken from the 170th Street)

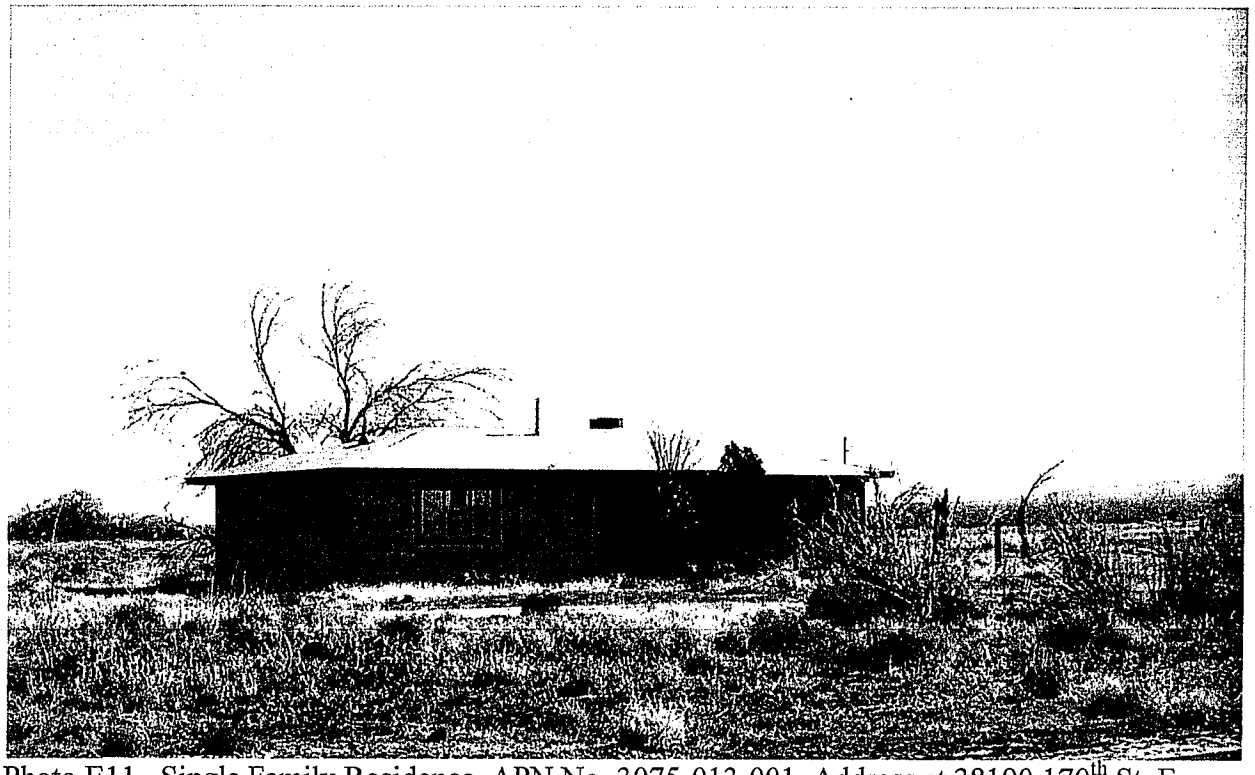


Photo E11. Single Family Residence, APN No. 3075-013-001, Address at 38190 170th St. E. (Photo taken from the 170th Street)

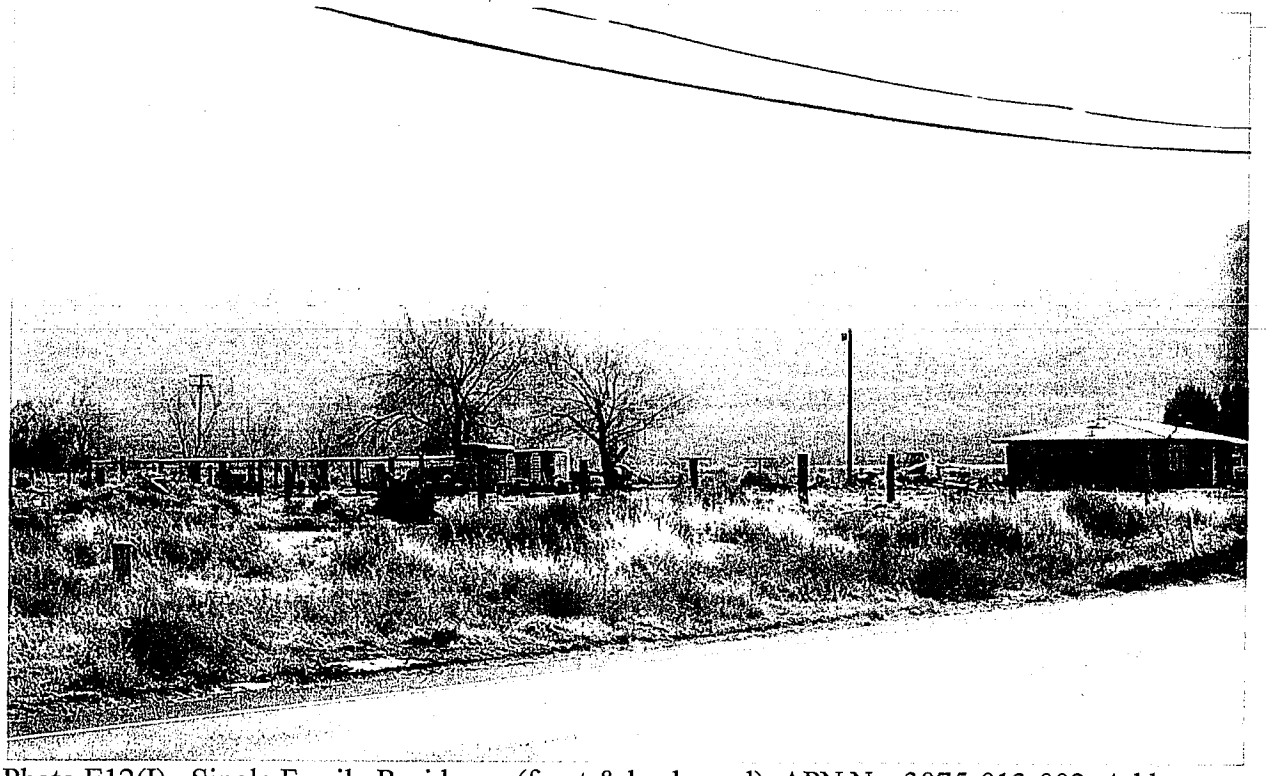


Photo E12(I). Single Family Residence (front & back yard), APN No. 3075-013-002, Address at 38128 170th St. E. (Photo taken from the 170th Street)

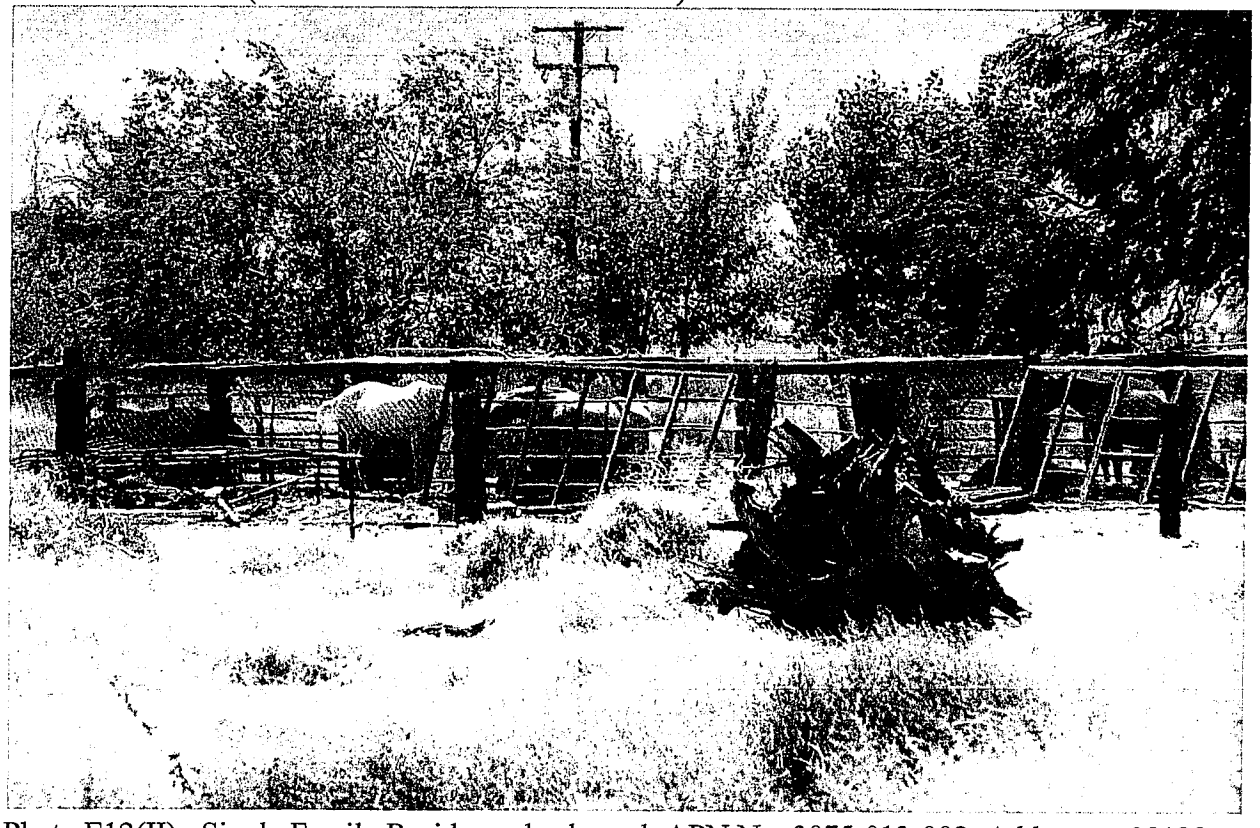


Photo E12(II). Single Family Residence back yard, APN No. 3075-013-002, Address at 38128 170th St. E. (Photo taken from the 170th Street)

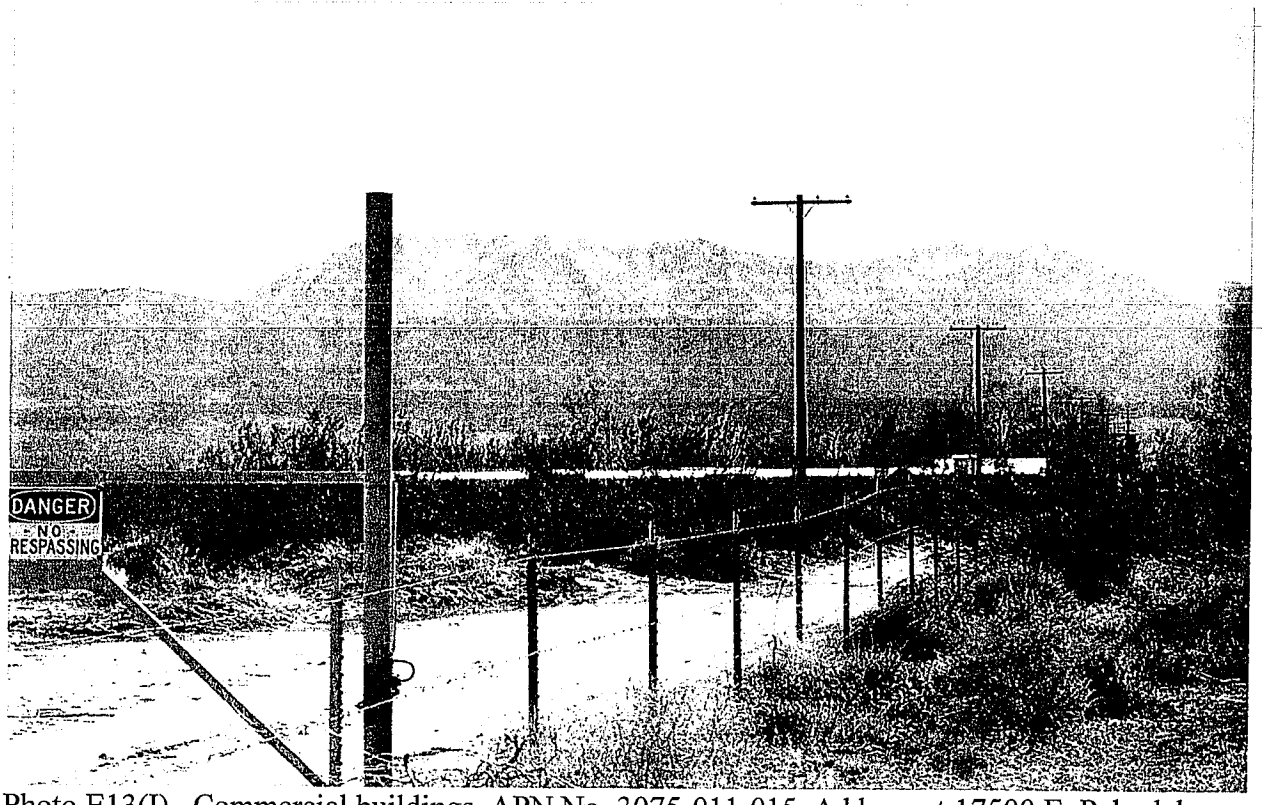


Photo E13(I). Commercial buildings, APN No. 3075-011-015, Address at 17500 E. Palmdale Blvd. (Photo taken from the Palmdale Blvd.)

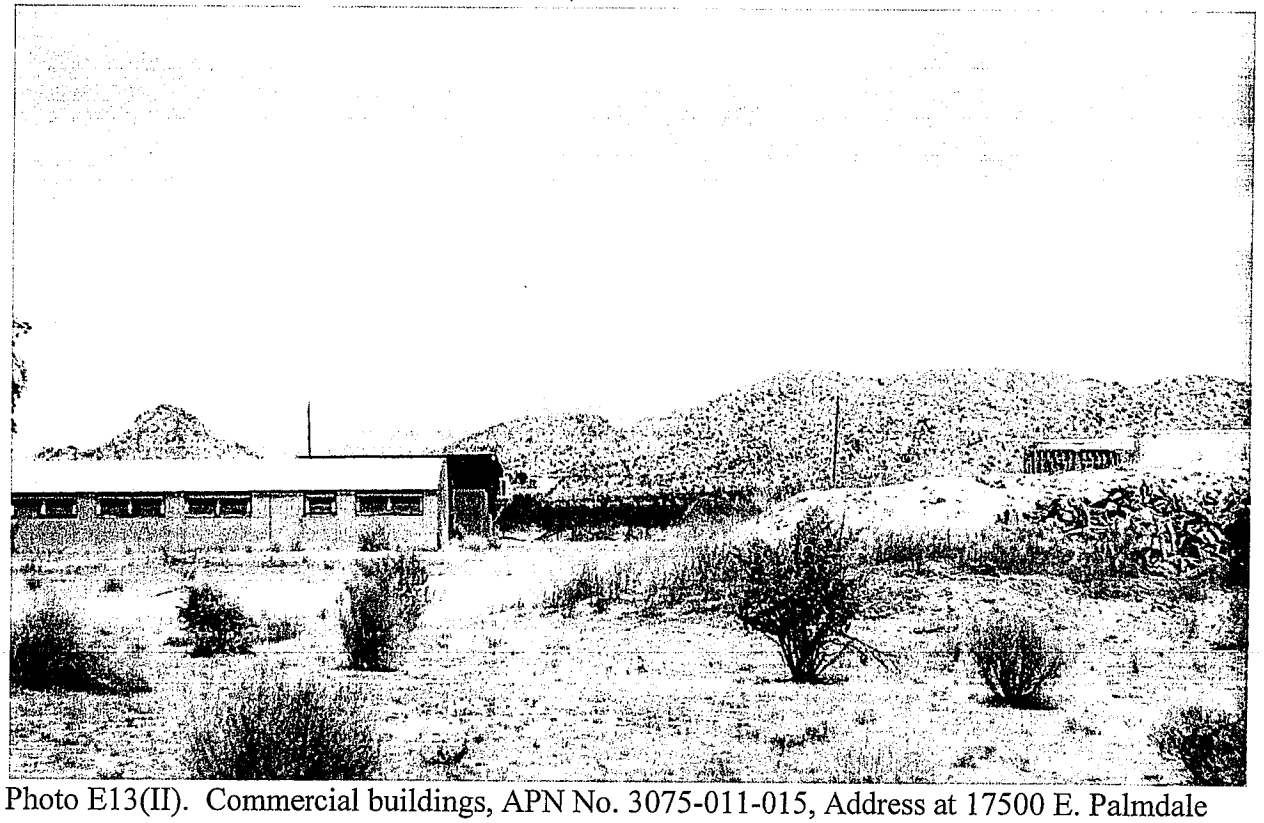


Photo E13(II). Commercial buildings, APN No. 3075-011-015, Address at 17500 E. Palmdale Blvd. (Photo taken from the Ave. R)

Photo E14. Single Family Residence, APN No. 3030-021-035, Address at 18650 E. Palmdale Blvd. (Photo taken from the Palmdale Blvd.)

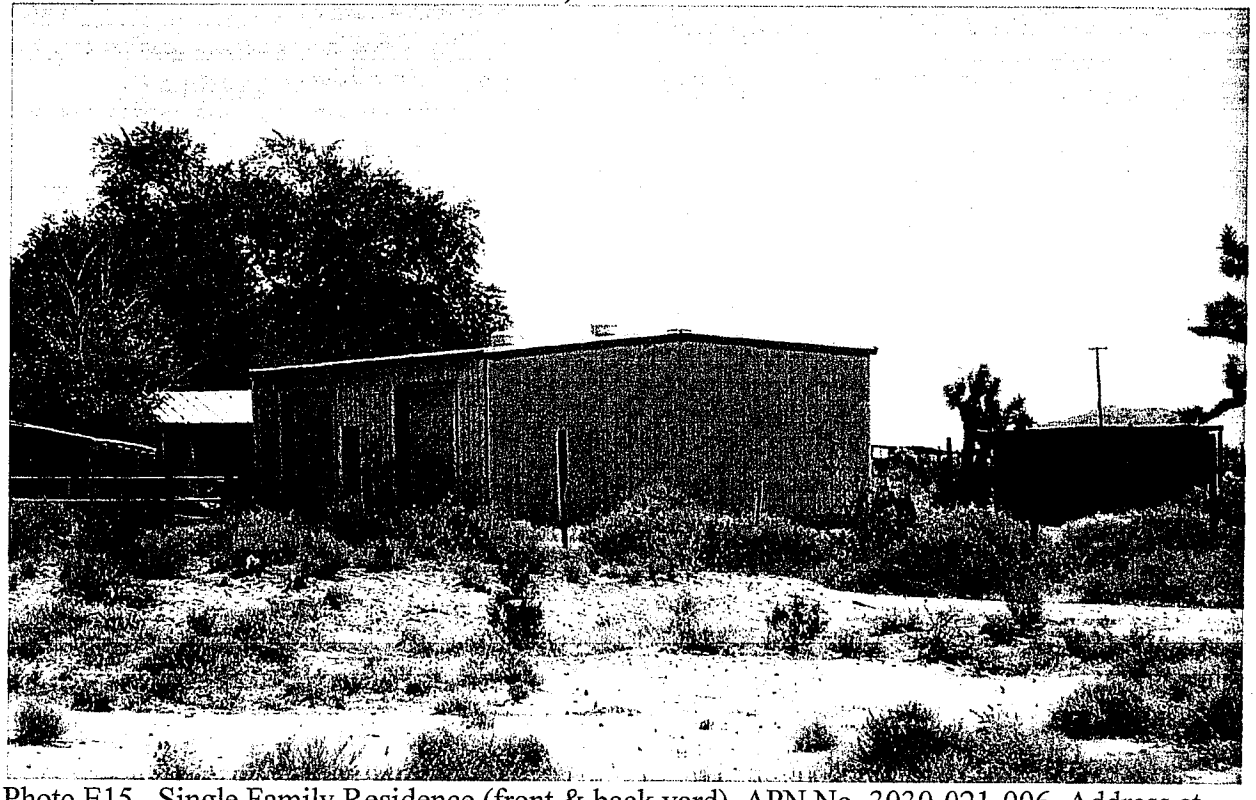


Photo E15. Single Family Residence (front & back yard), APN No. 3030-021-006, Address at 18726 E. Palmdale Blvd. (Photo taken from the Palmdale Blvd.)

Photo E16. Single Family Residence, APN No. 3030-021-005, Address at 18742 E. Palmdale Blvd. (Photo taken from the Palmdale Blvd.)

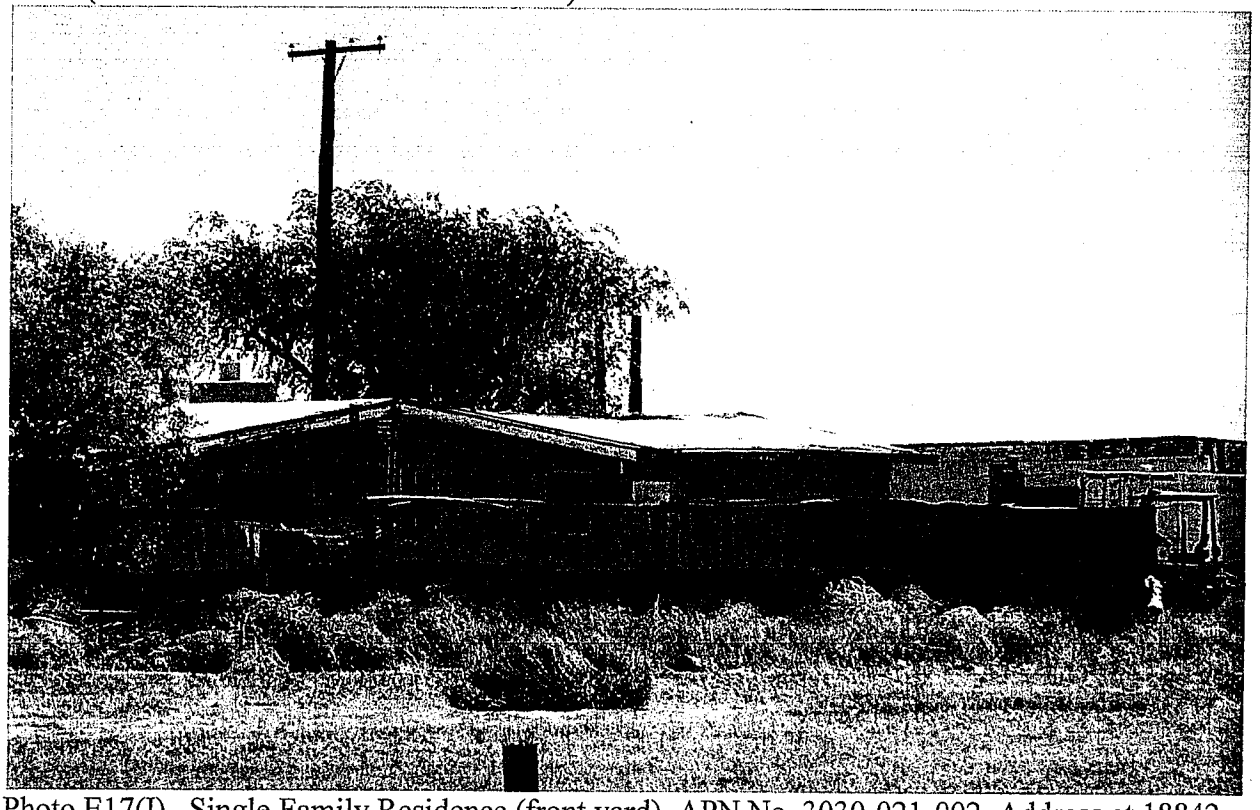


Photo E17(I). Single Family Residence (front yard), APN No. 3030-021-002, Address at 18842 E. Palmdale Blvd. (Photo taken from the 190th Street)

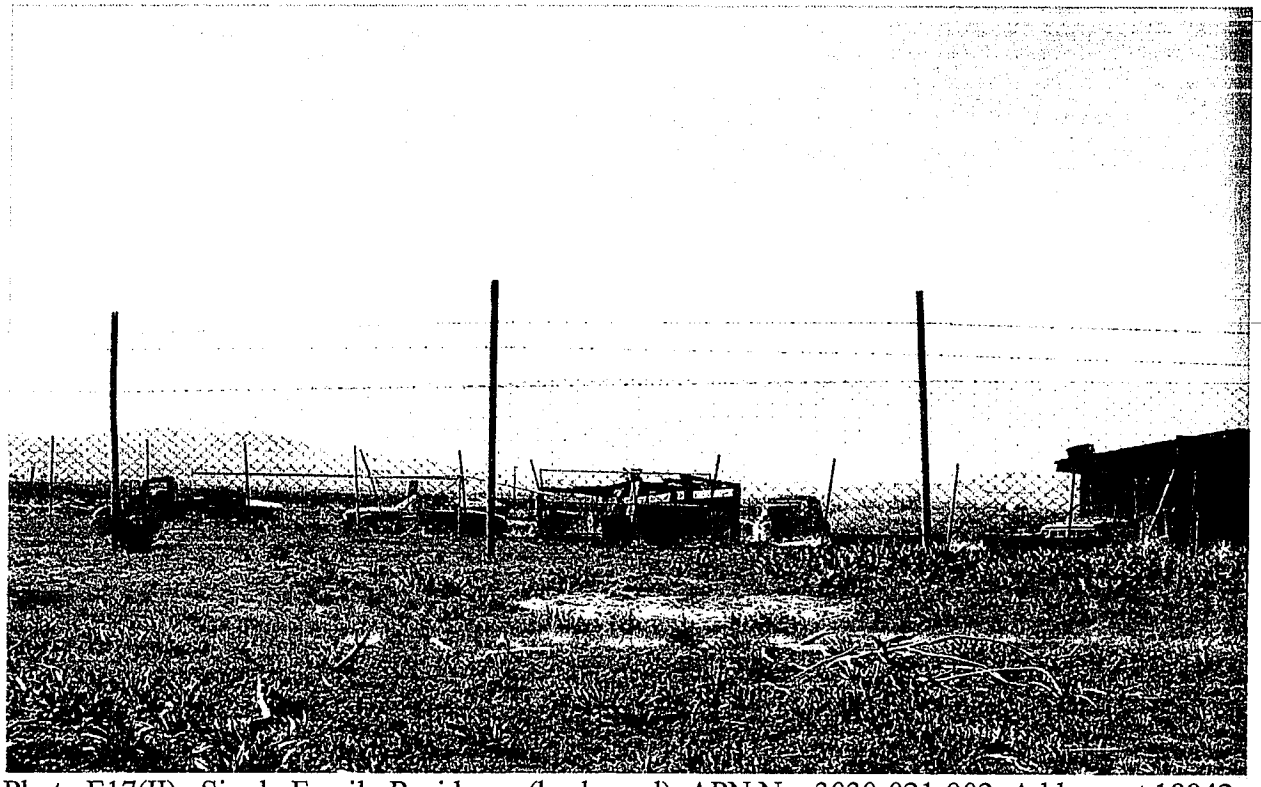


Photo E17(II). Single Family Residence (back yard), APN No. 3030-021-002, Address at 18842 E. Palmdale Blvd. (Photo taken from the 190th Street)

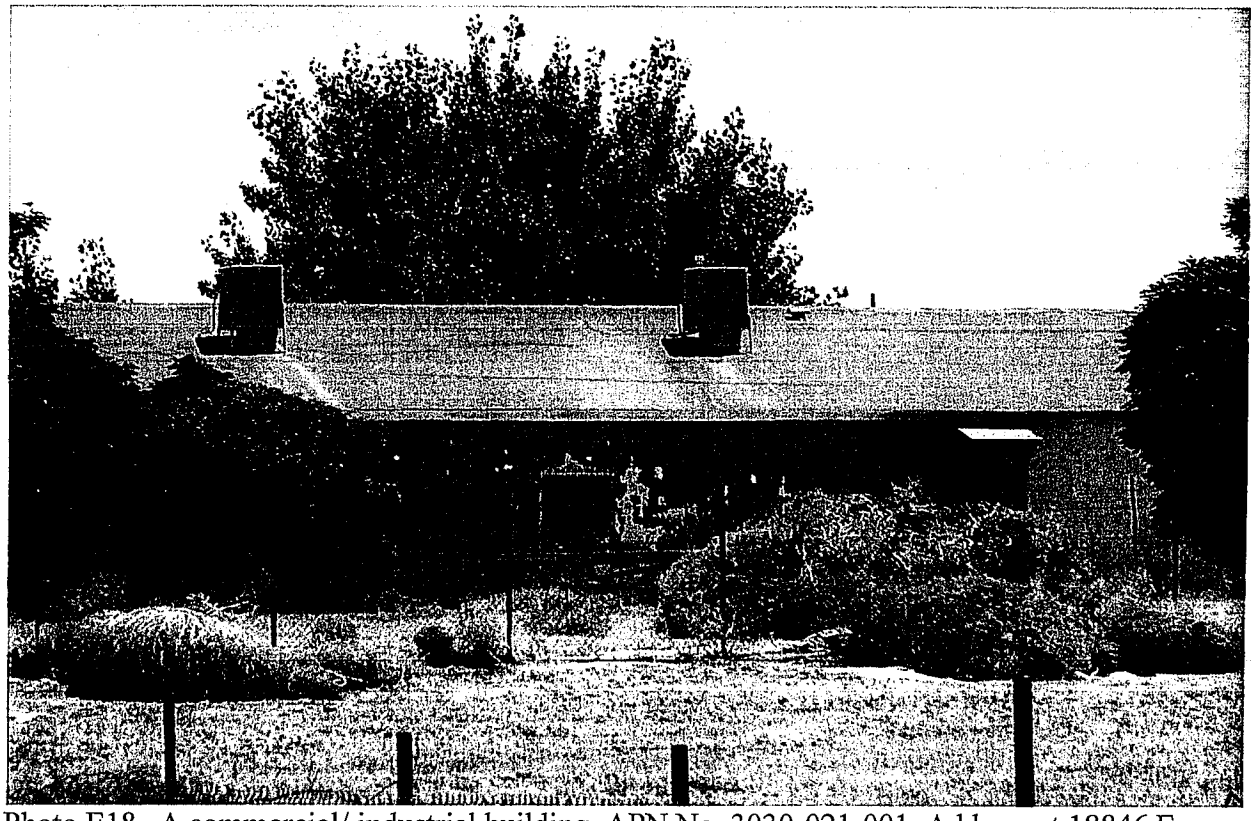


Photo E18. A commercial/ industrial building, APN No. 3030-021-001, Address at 18846 E. Palmdale Blvd. (Photo taken from the Palmdale Blvd.)

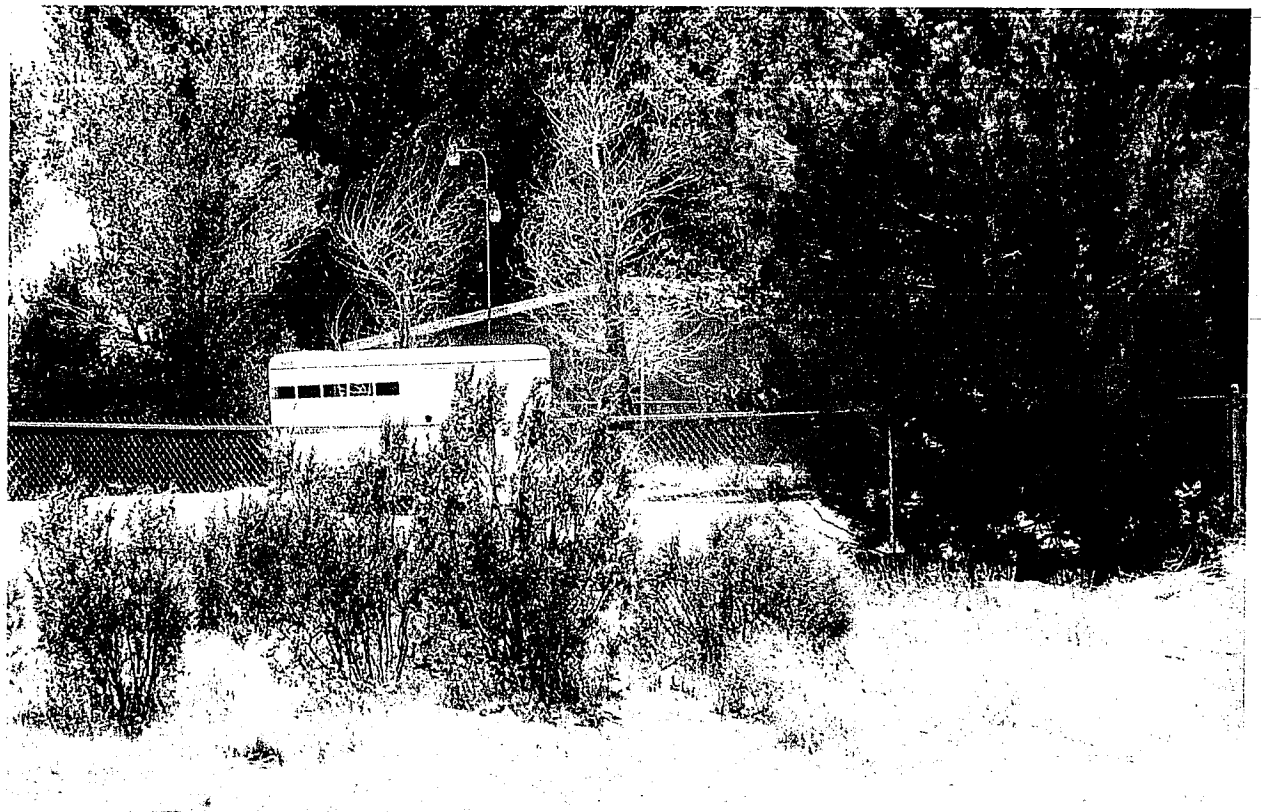


Photo E19. Single Family Residence, APN No. 3084-003-022, Address at 38250 200th Street, Palmdale (Photo taken from the 200th Street)

Photo E20. Single Family Residence, APN No. 3084-003-016, Address at 20150 E. Ave. Q-10, Palmdale (Photo taken from the Palmdale Blvd.)

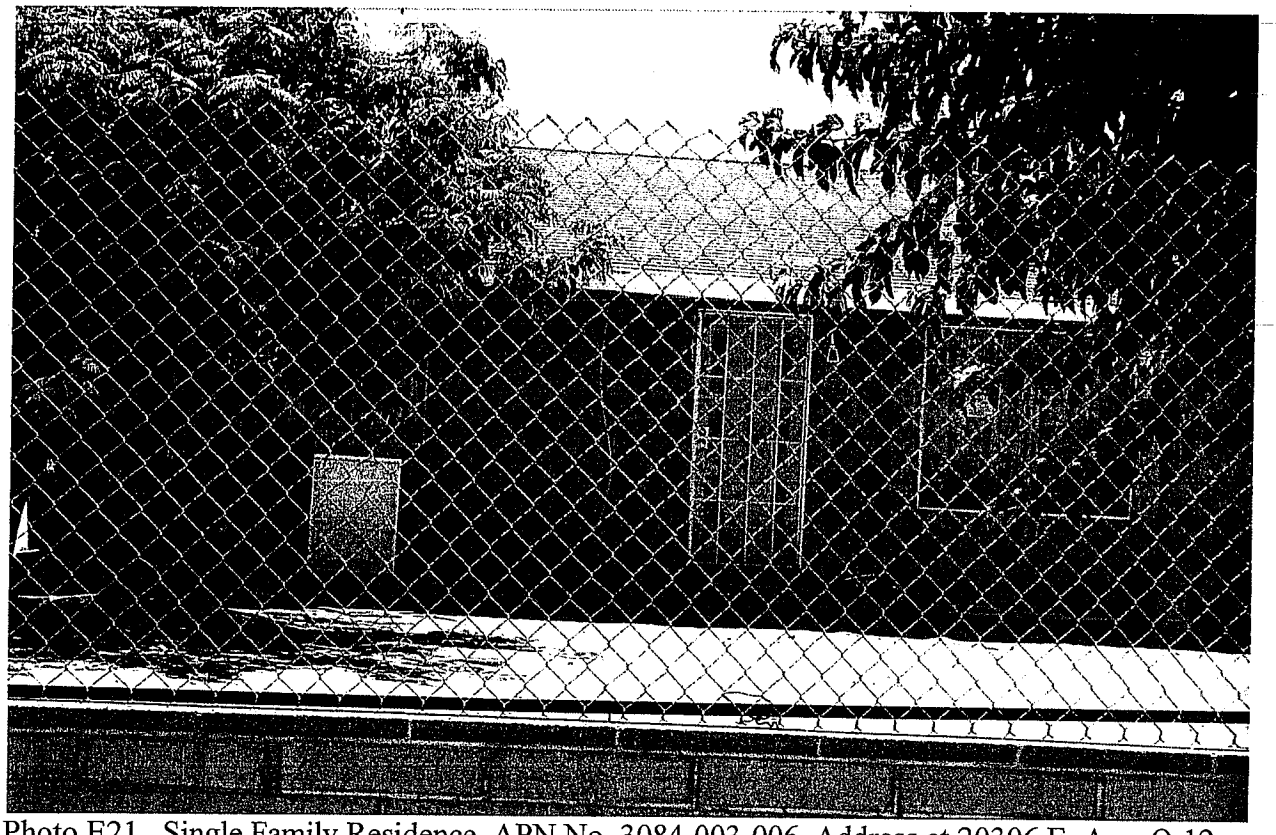


Photo E21. Single Family Residence, APN No. 3084-003-006, Address at 20306 E. Ave. Q-12, Palmdale (Photo taken from the Ave. Q-12)

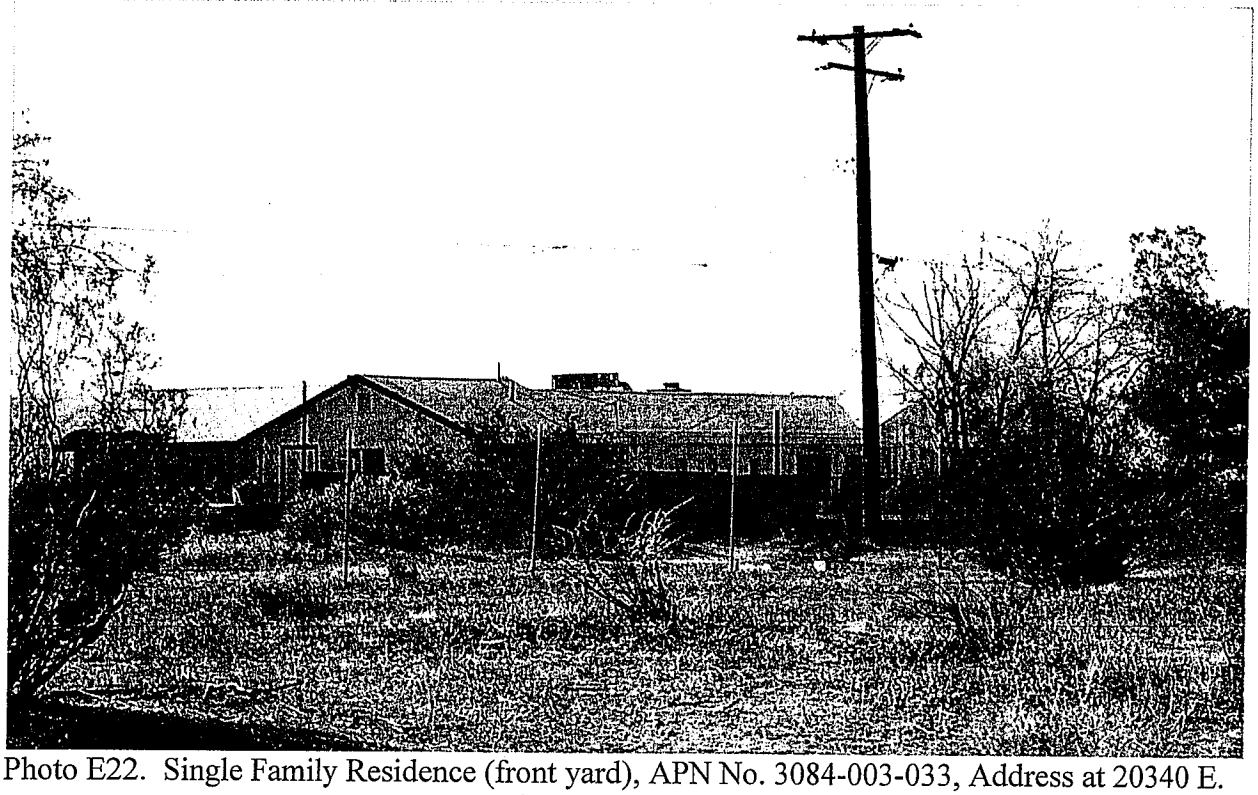


Photo E22. Single Family Residence (front yard), APN No. 3084-003-033, Address at 20340 E. Avenue Q-12 (Photo taken from the 205th Street)

Photo E23. Single Family Residence, APN No. 3084-004-009, Address at 20528 E. Ave. Q-12 (Photo taken from the Ave. Q-12)

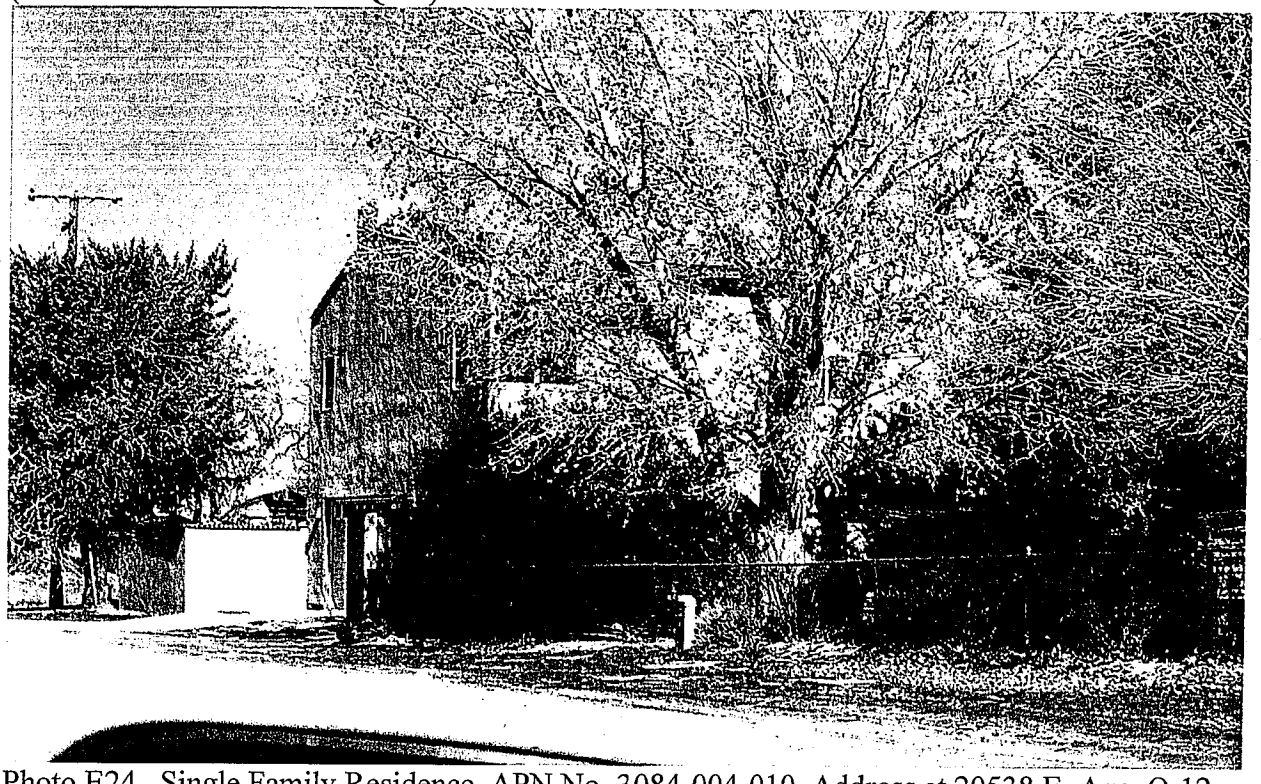


Photo E24. Single Family Residence, APN No. 3084-004-010, Address at 20538 E. Ave. Q-12 (Photo taken from the 205th Street)

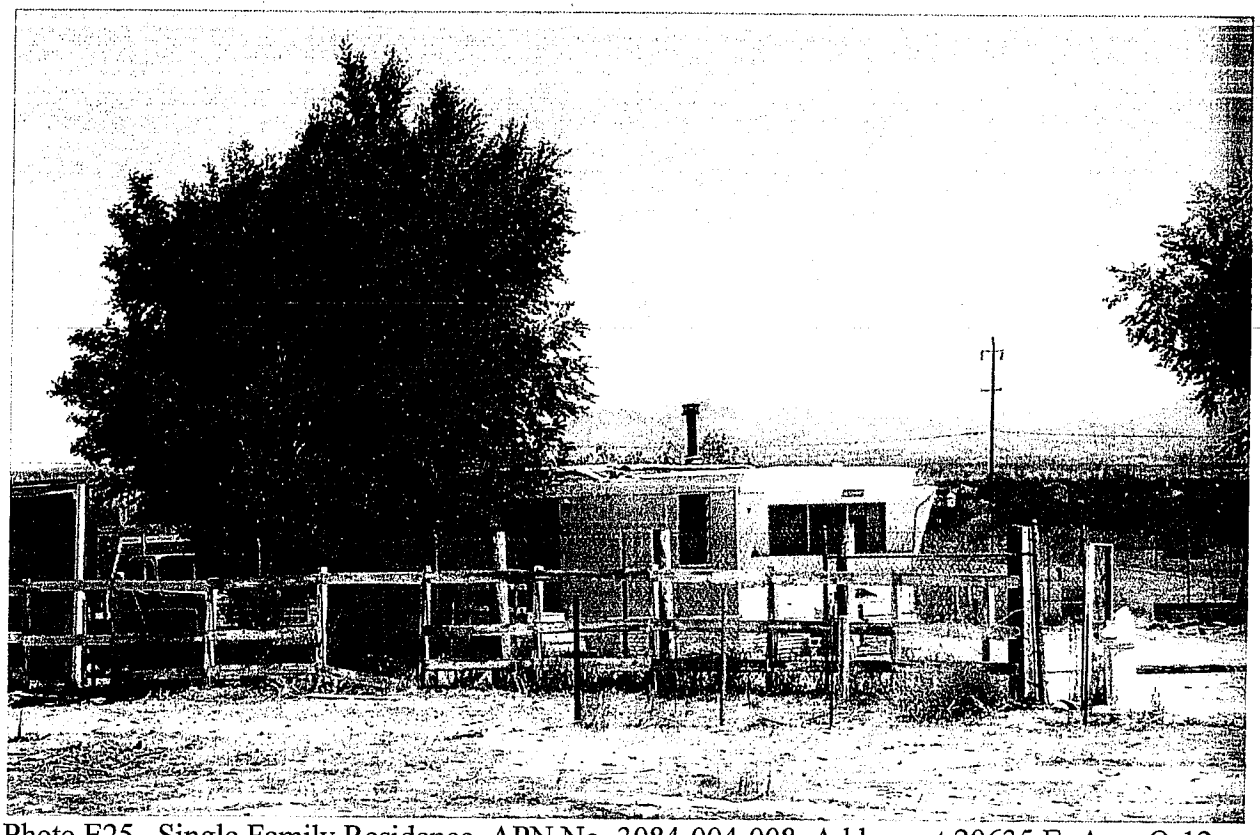


Photo E25. Single Family Residence, APN No. 3084-004-008, Address at 20635 E. Ave. Q-12 (Photo taken from the 206th Street)

Photo E26. Single Family Residence, APN No. 3084-004-024, Address at 20730 E. Ave. Q-10 (Photo taken from the Palmdale Blvd.)

Photo E27. Single Family Residence, APN No. 3084-011-015, Address: 22120 E. Palmdale Blvd. (Photo taken from the Palmdale Blvd.)

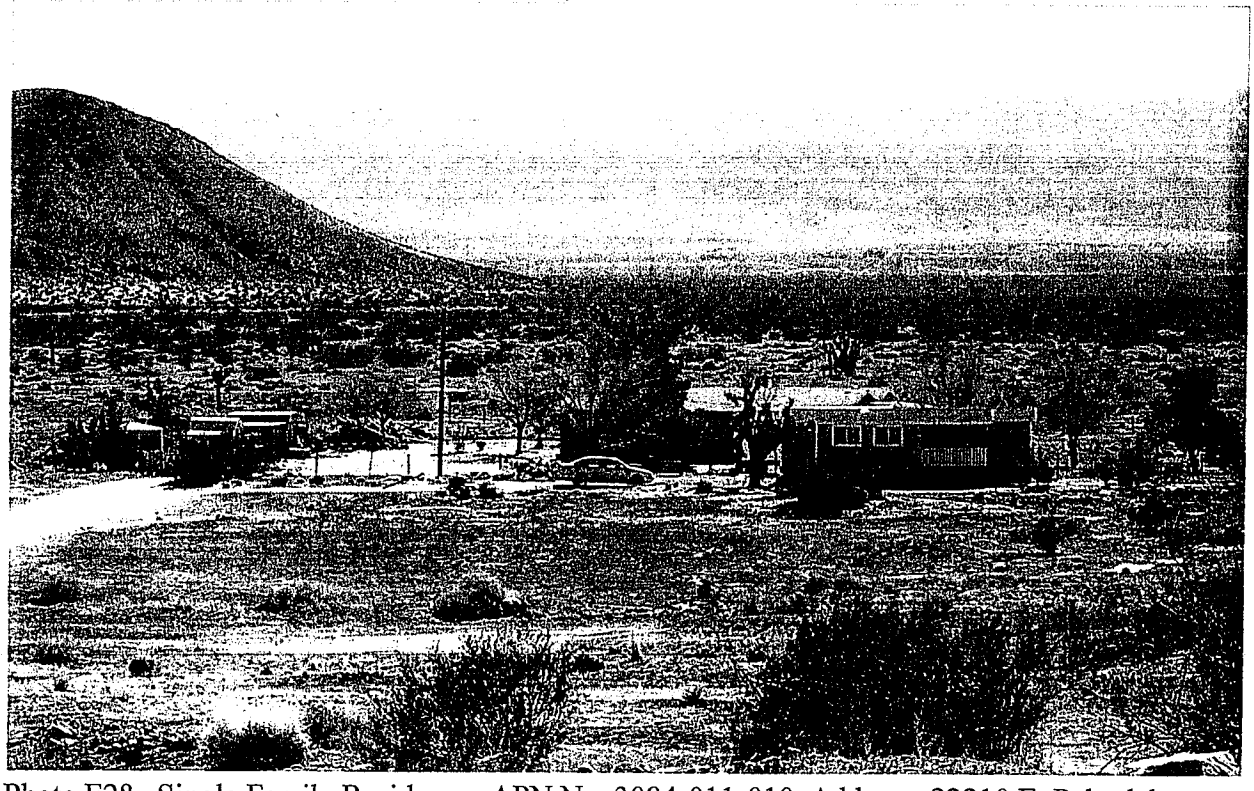


Photo E28. Single Family Residence, APN No. 3084-011-010, Address: 22210 E. Palmdale Blvd. (Photo taken from the Palmdale Blvd.)

Photo E29(I). Single Family Residence, APN No. 3084-012-003, Address: 38227 E. 230th St., Palmdale (Photo taken from the 230th St.)

Photo E29(II). Single Family Residence, APN No. 3084-012-003, Address: 38227 E. 230th St., Palmdale (Photo taken from the 230th St.)

APPENDIX F

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APPENDIX G

Oil and Gas Well Maps (DOMS Maps)

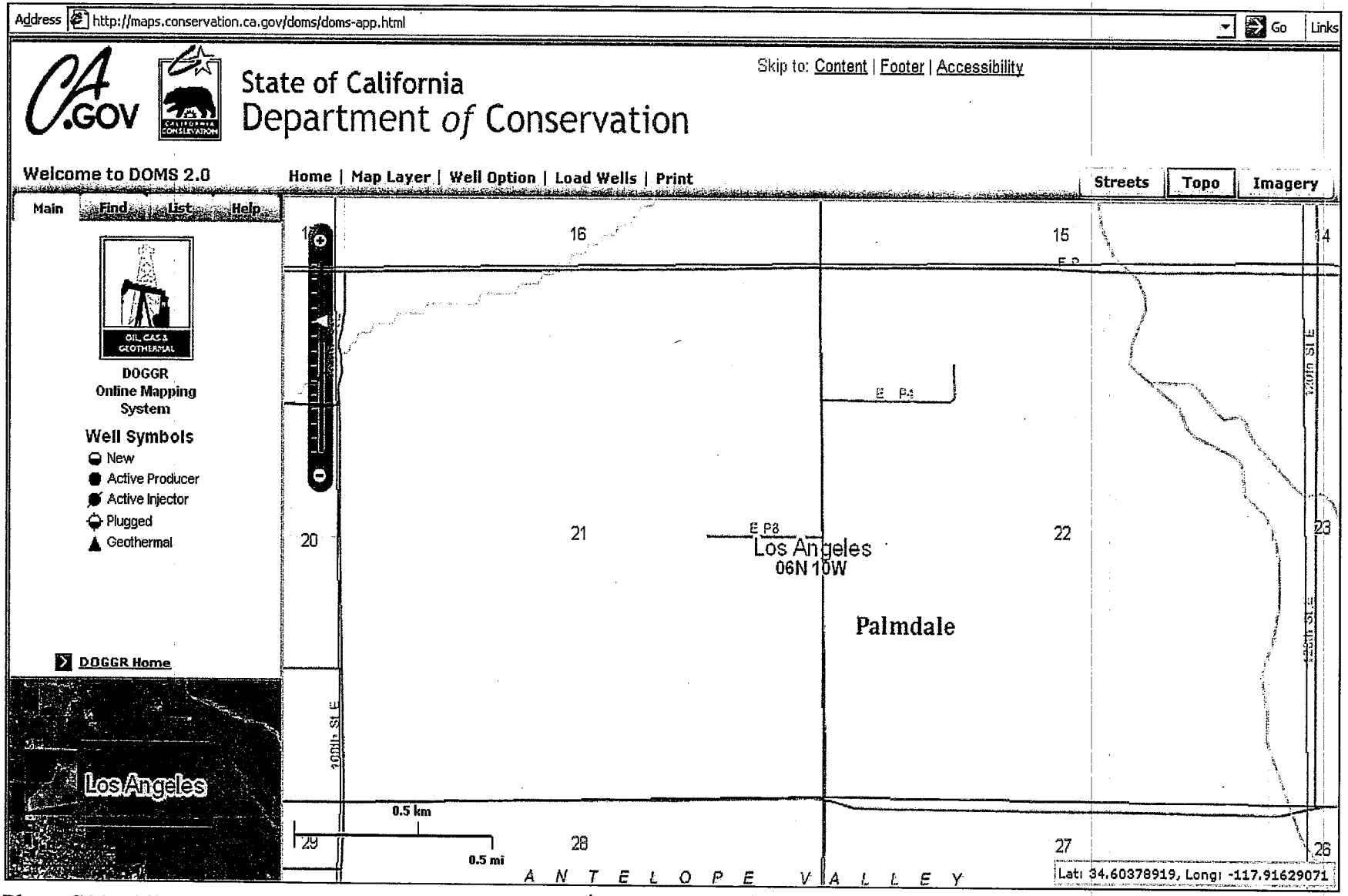

Photo G01. Oil, Gas, & Geothermal Photo is between 100th Street and 120th Street. The proposed highway 138 is between Ave. P and Ave. Q.

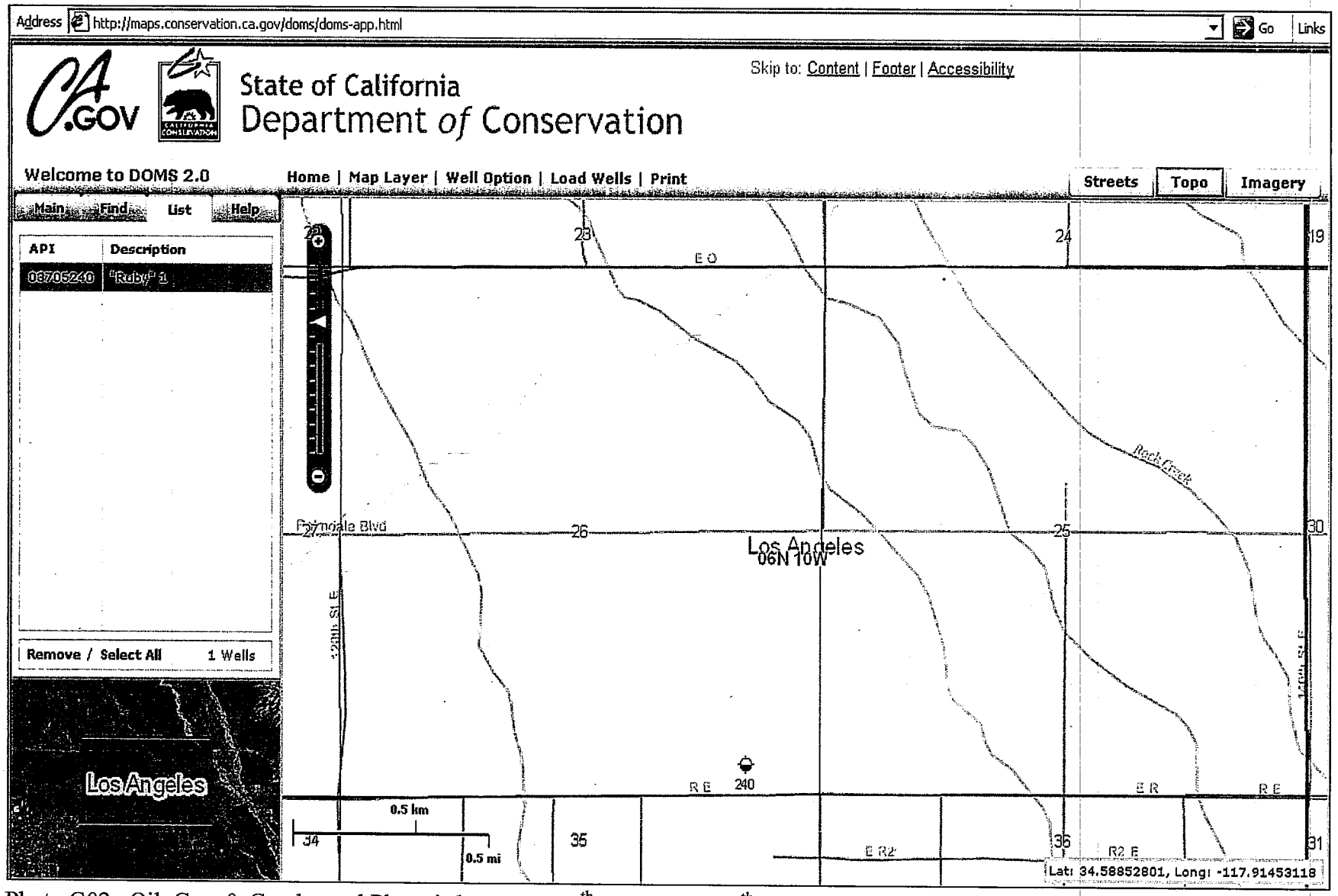

Photo G02. Oil, Gas, & Geothermal Photo is between 120th Street and 140th Street. The proposed highway 138 is between Ave. Q and Ave. R.

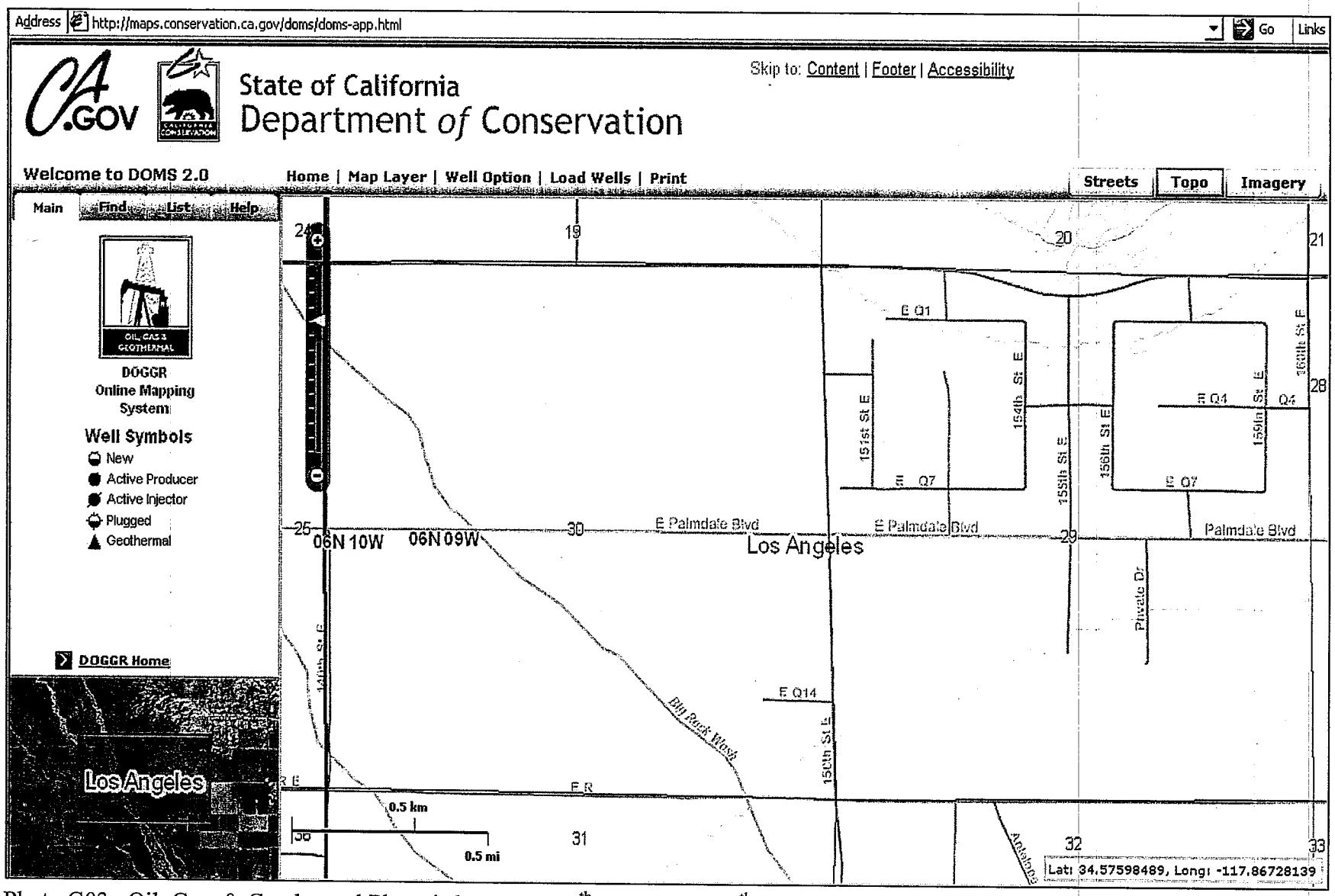

Photo G03. Oil, Gas, & Geothermal Photo is between 140th Street and 160th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

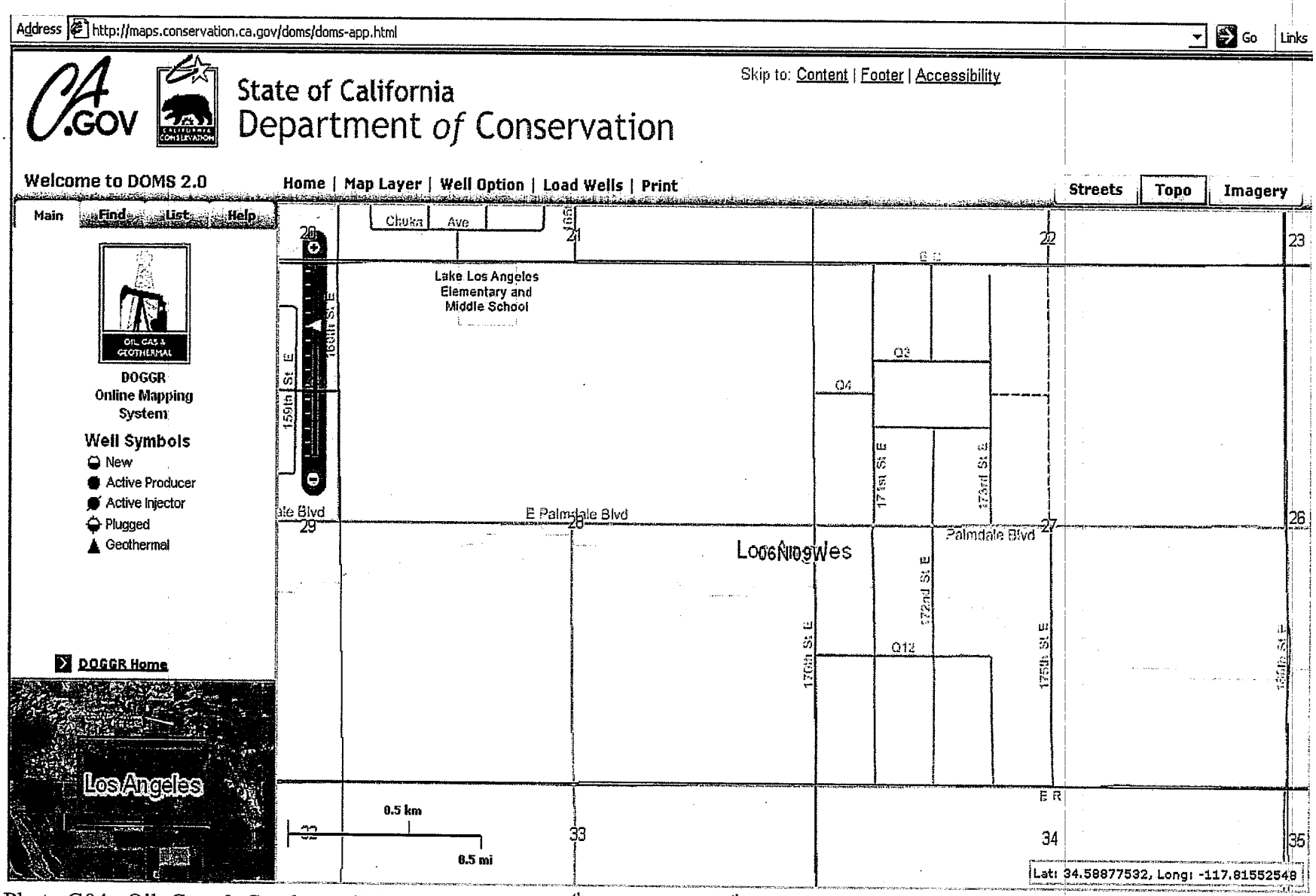

Photo G04. Oil, Gas, & Geothermal Photo is between 160th Street and 180th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

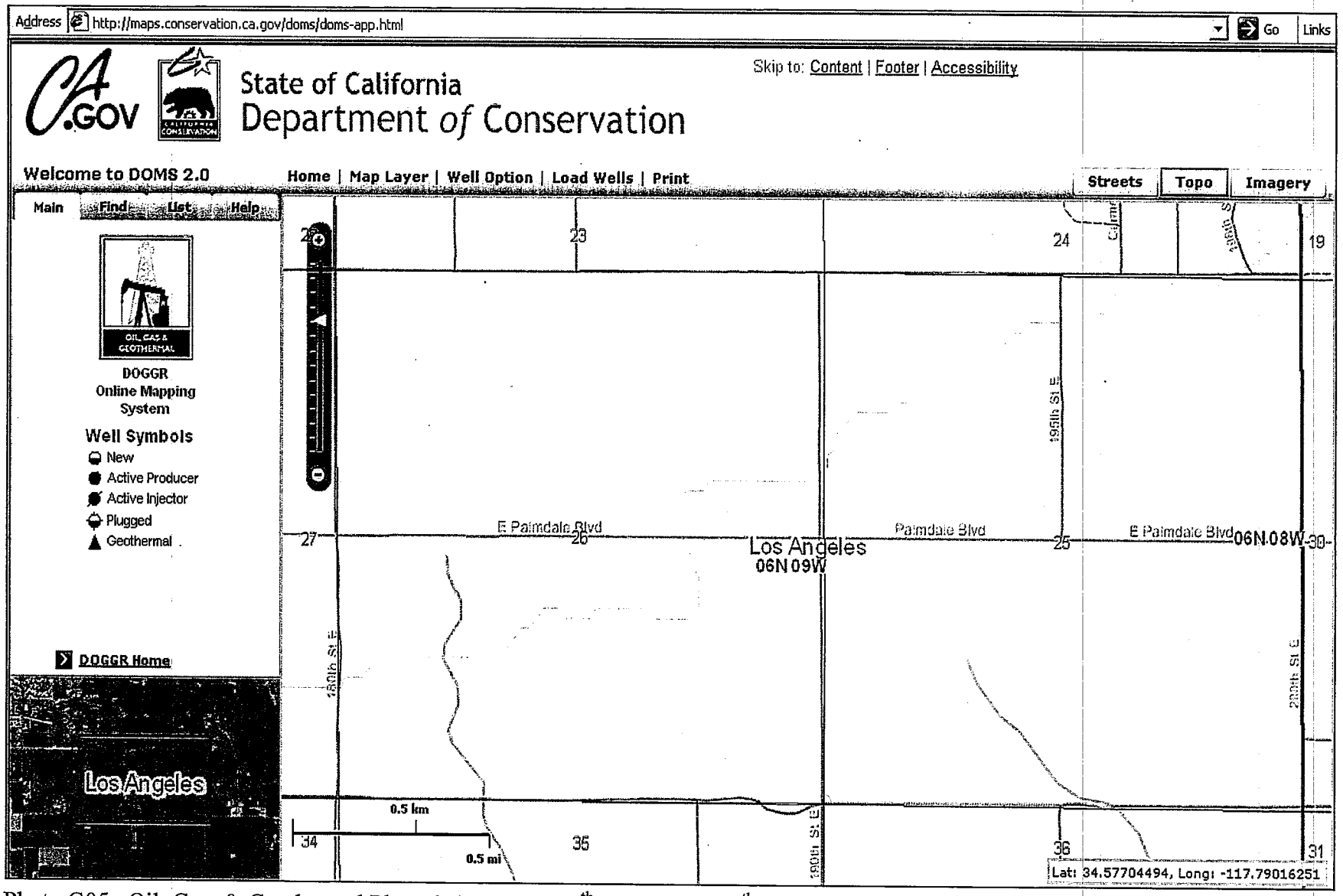

Photo G05. Oil, Gas, & Geothermal Photo is between 180th Street and 200th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

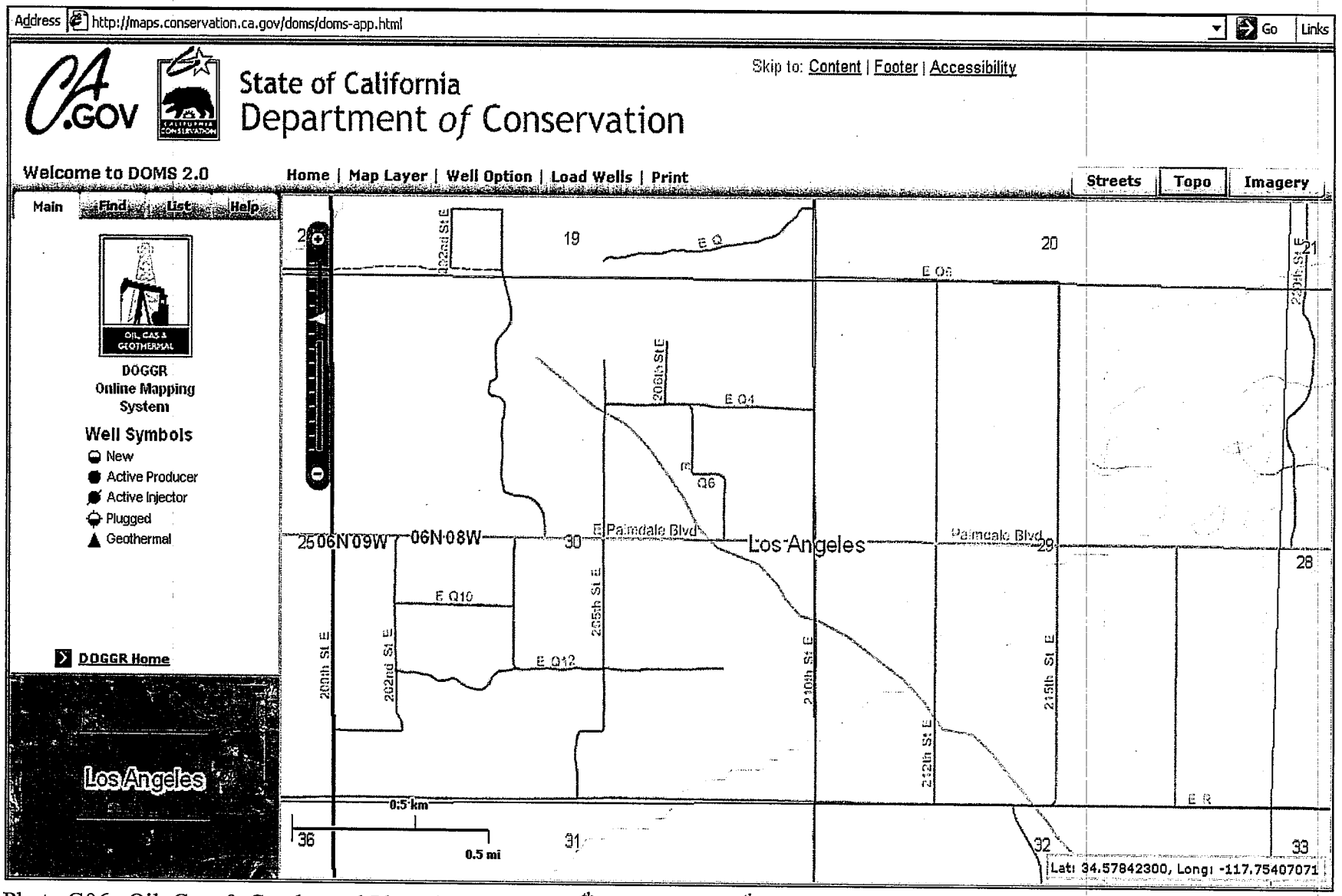

Photo G06. Oil, Gas, & Geothermal Photo is between 200th Street and 220th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

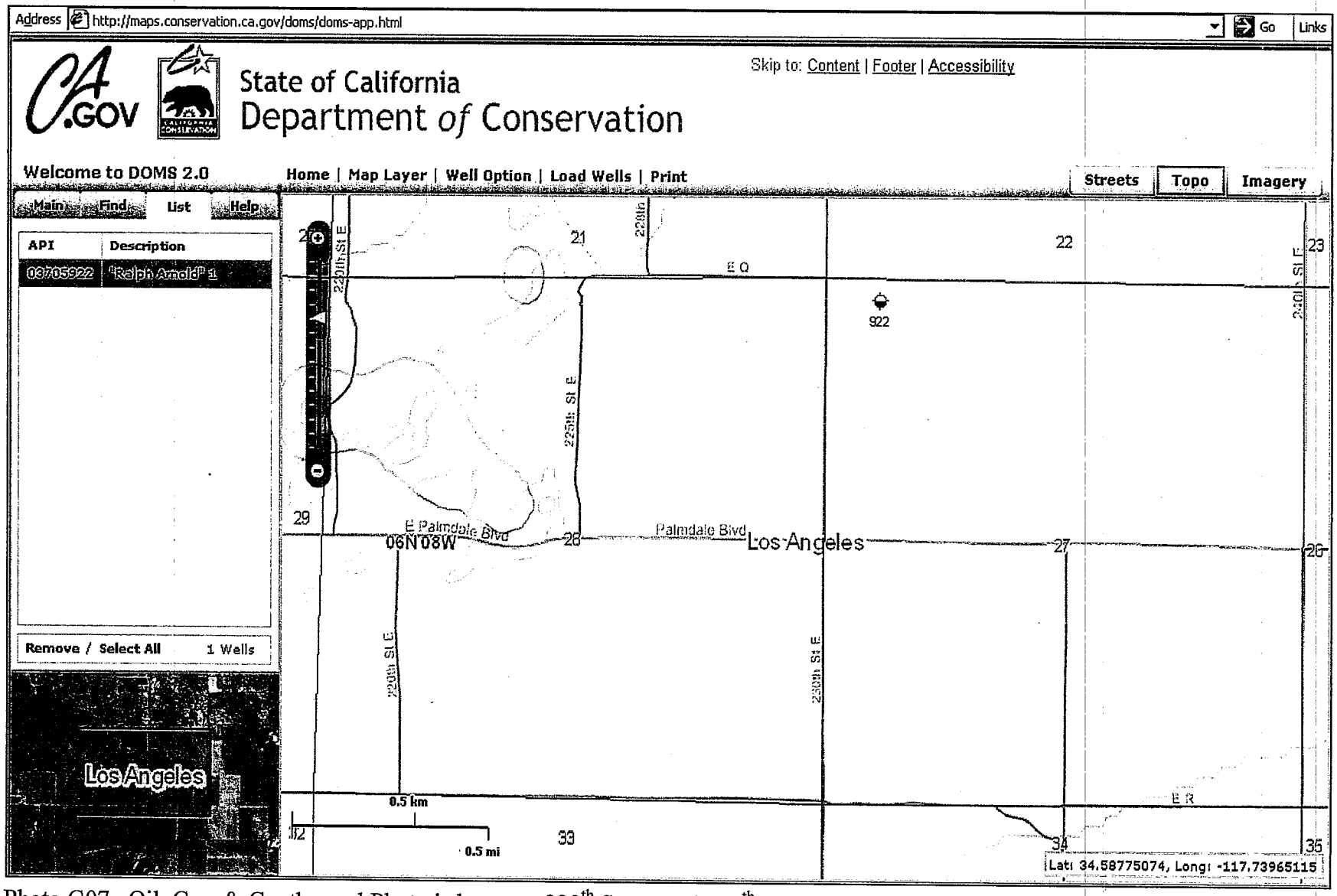

Photo G07. Oil, Gas, & Geothermal Photo is between 220th Street and 240th Street. The proposed highway 138 is between Palmdale Blvd. and Ave. R.

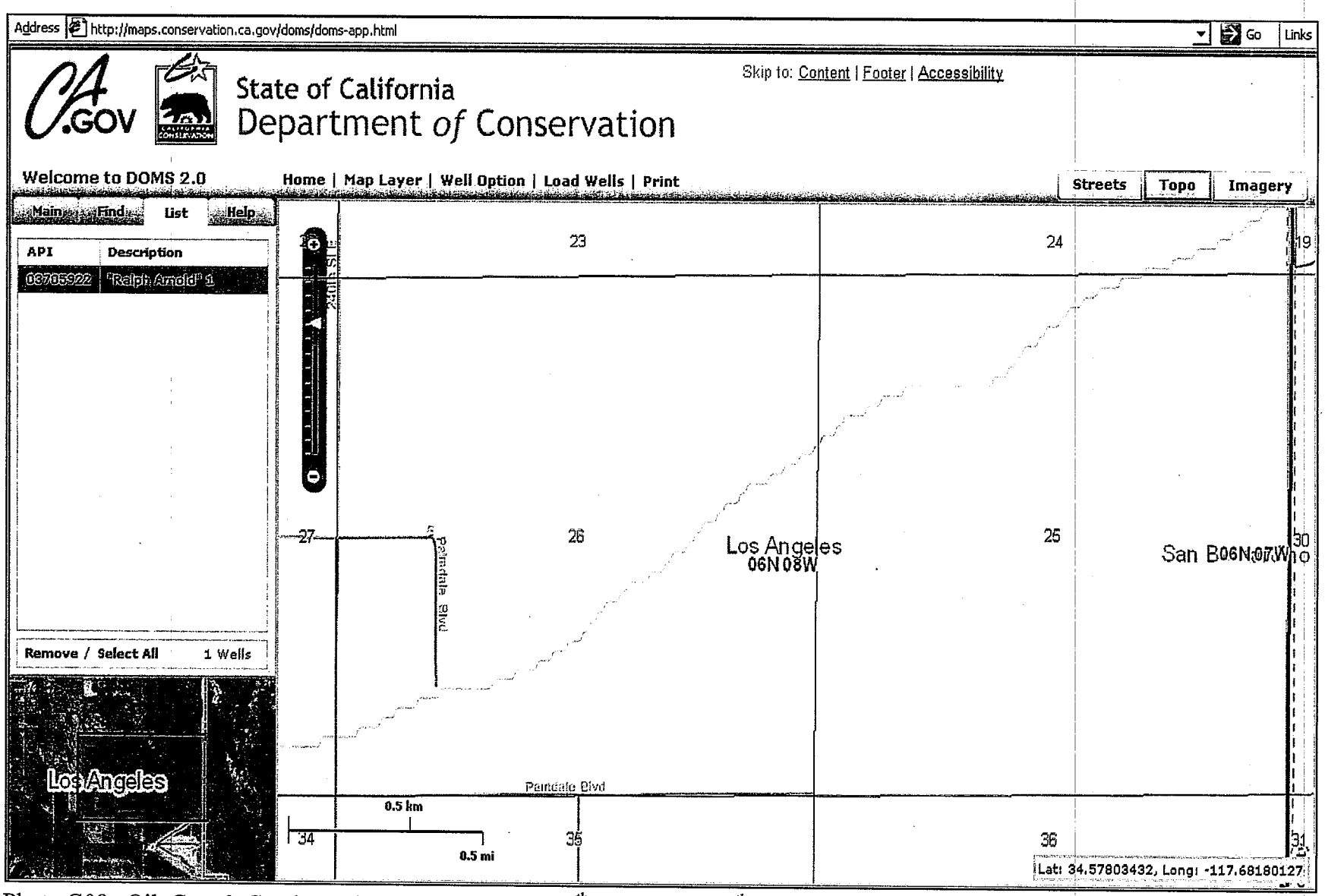

Photo G08. Oil, Gas, & Geothermal Photo is between 240th Street and 260th Street (County Line). The proposed highway 138 is between Palmdale Blvd. and Ave. R.

Department of Conservation

Division of Oil, Gas, & Geothermal Resources

Online WellRecord Query for State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources.

DOGGR Home Page **Online Production/Injection** **How to Print Logs**

Back **Well Details** **Get Well Map**

Well Details

API: 03705240 Well Status: Plugged District: 1

Operator: Butte Petroleum Co., Inc. Operator Code: **100 Operator Status:

Lease: Ruby Well Number: 1 County: Los Angeles

Field: Any Field Field Code: 000 Area: Any Area Area Code: 00

Section: 26 Township: 6N Range: 10W BaseMeridian: SB Latitude: 34.573486 NAD83

Spud Date: Abandonment Date: Longitude: -117.901364 NAD83

Well Records:

No Matching WellRecords.

Last edited on April 12, 2010

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State of California
Department of Conservation

Detailed Well Information

API Number:	03705240
District:	1
Well Status:	P
Well Type:	OG
Confidential:	
Release Date:	
County API:	037
County Name:	Los Angeles
Lease Name:	Ruby
Well Number:	1
Operator Code:	**100
Operator Name:	Butte Petroleum Co., Inc.
Operator Status:	N
Field Code:	000
Field Name:	Any Field
Area Code:	00
Area Name:	Any Area
Section:	26
Township:	6N
Range:	10W
Base Meridian:	SB
Directional:	
Redrill:	
Spud Date:	
Abandonment Date:	
Completed Date:	
Latitude(NAD27):	34.573495
Longitude(NAD27):	117.000465

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Department of Conservation

Division of Oil, Gas, & Geothermal Resources

Online WellRecord Query for State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources.

DOGGR Home Page **Online Production/Injection** **How to Print Logs**

Back **Well Details** **Get Well Map**

Well Details

API: 03705922 Well Status: Plugged District: 1

Operator: Walter Siravo Operator Code: 09027 Operator Status:

Lease: Ralph Arnold Well Number: 1 County: Los Angeles

Field: Any Field Field Code: 000 Area: Any Area Area Code: 00

Section: 27 Township: 6N Range: 8W BaseMeridian: SB Latitude: 34.586391 NAD83

Spud Date: Abandonment Date: Longitude: -117.718210 NAD83

Well Records:

No Matching WellRecords.

Last edited on April 12, 2010

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State of California
Department of Conservation

Detailed Well Information

API Number:	03705922
District:	1
Well Status:	P
Well Type:	OG
Confidential:	
Release Date:	
County API:	037
County Name:	Los Angeles
Lease Name:	Ralph Arnold
Well Number:	1
Operator Code:	09027
Operator Name:	Walter Siravo
Operator Status:	N
Field Code:	000
Field Name:	Any Field
Area Code:	00
Area Name:	Any Area
Section:	27
Township:	6N
Range:	8W
Base Meridian:	SB
Directional:	
Redrill:	
Spud Date:	
Abandonment Date:	
Completed Date:	
Latitude(NAD27):	34.586399
Longitude(NAD27):	117.717217

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APPENDIX H

Environmental FirstSearch™ Report

TRACK ➤ INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

PROPOSED LA-138 HIGHWAY

PALMDALE CA 93591

Job Number: S9475-06-05

PREPARED FOR:

Geocon

3303 N San Fernando Blvd, Suite 100

Burbank, CA 91504

818-841-8388

01-27-11

Tel: (866) 664-9981 *Fax: (818) 249-4227*

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Environmental FirstSearch
Site Information Report

Request Date:	01-27-11	**Search Type:**	LINEAR
Requestor Name:	Geocon - Mike Conkle		17.53 mile(s)
Standard:	ASTM-05	**Job Number:**	S9475-06-05
		Filtered Report	

Target Site: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

Demographics

Sites: 6 **Non-Geocoded:** 2 **Population:** NA

Radon: NA

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-117.80006	-117:48:0	**Easting:**	426624.481
Latitude:	34.585559	34:35:8	**Northing:**	3827179.213
Elevation:	N/A		**Zone:**	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
92301	ADELANTO	CA	0.00 --	Y
93543	LITTLEROCK	CA	0.19 SW	Y
93544	LLANO	CA	0.00 --	Y

Services:

	Requested?	Date
Fire Insurance Maps	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Search Summary Report

Target Site: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	10-21-10	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	10-21-10	0.50	0	0	0	0	-	0	0
CERCLIS	Y	11-30-10	0.50	0	0	1	0	-	0	1
NFRAP	Y	11-30-10	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	11-10-10	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	11-10-10	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	11-10-10	0.25	0	0	0	-	-	0	0
RCRA NLR	Y	11-10-10	0.12	0	0	-	-	-	0	0
Federal Brownfield	Y	12-10-10	0.25	0	0	0	-	-	0	0
ERNS	Y	01-24-11	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	1	1
State/Tribal Sites	Y	12-13-10	1.00	0	0	0	0	0	0	0
State Spills 90	Y	12-06-10	0.12	0	0	-	-	-	0	0
State/Tribal SWL	Y	12-01-10	0.50	0	0	1	0	-	1	2
State/Tribal LUST	Y	12-06-10	0.50	0	0	0	0	-	0	0
State/Tribal UST/AST	Y	10-27-10	0.25	0	0	2	-	-	0	2
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	12-02-10	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	12-13-10	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	NA	0.50	0	0	0	0	-	0	0
State Permits	Y	10-13-10	0.12	0	0	-	-	-	0	0
State Other	Y	12-13-10	0.25	0	0	0	-	-	0	0
Federal IC/EC	Y	11-04-10	0.50	0	0	0	0	-	0	0
HW Manifest	Y	08-02-10	0.12	0	0	-	-	-	0	0
- TOTALS -				0	0	4	0	0	2	6

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

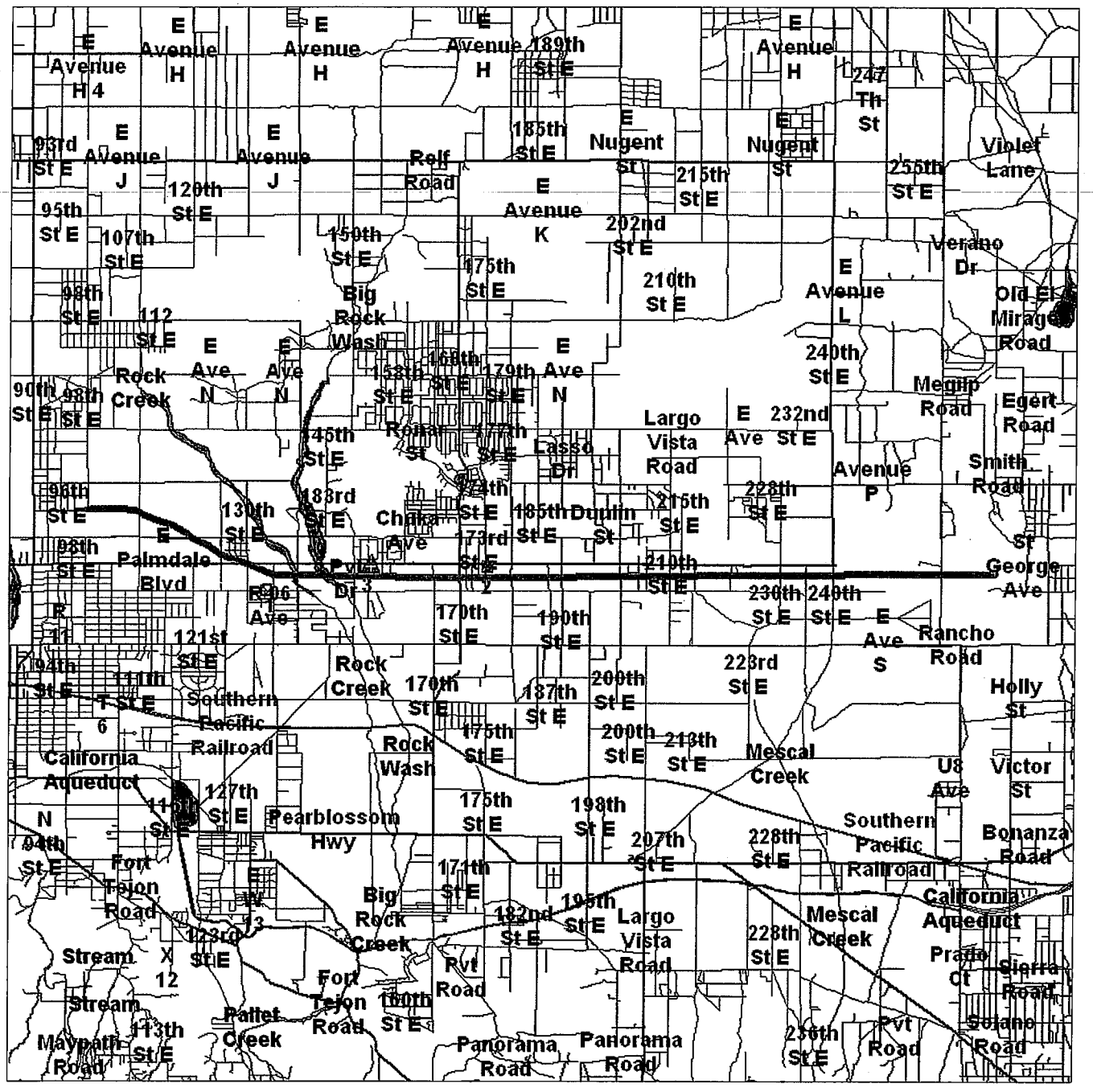
Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch

1 Mile Radius from Line

Single Map:

PROPOSED LA-138 HIGHWAY, PALMDALE CA 93591



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

ELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

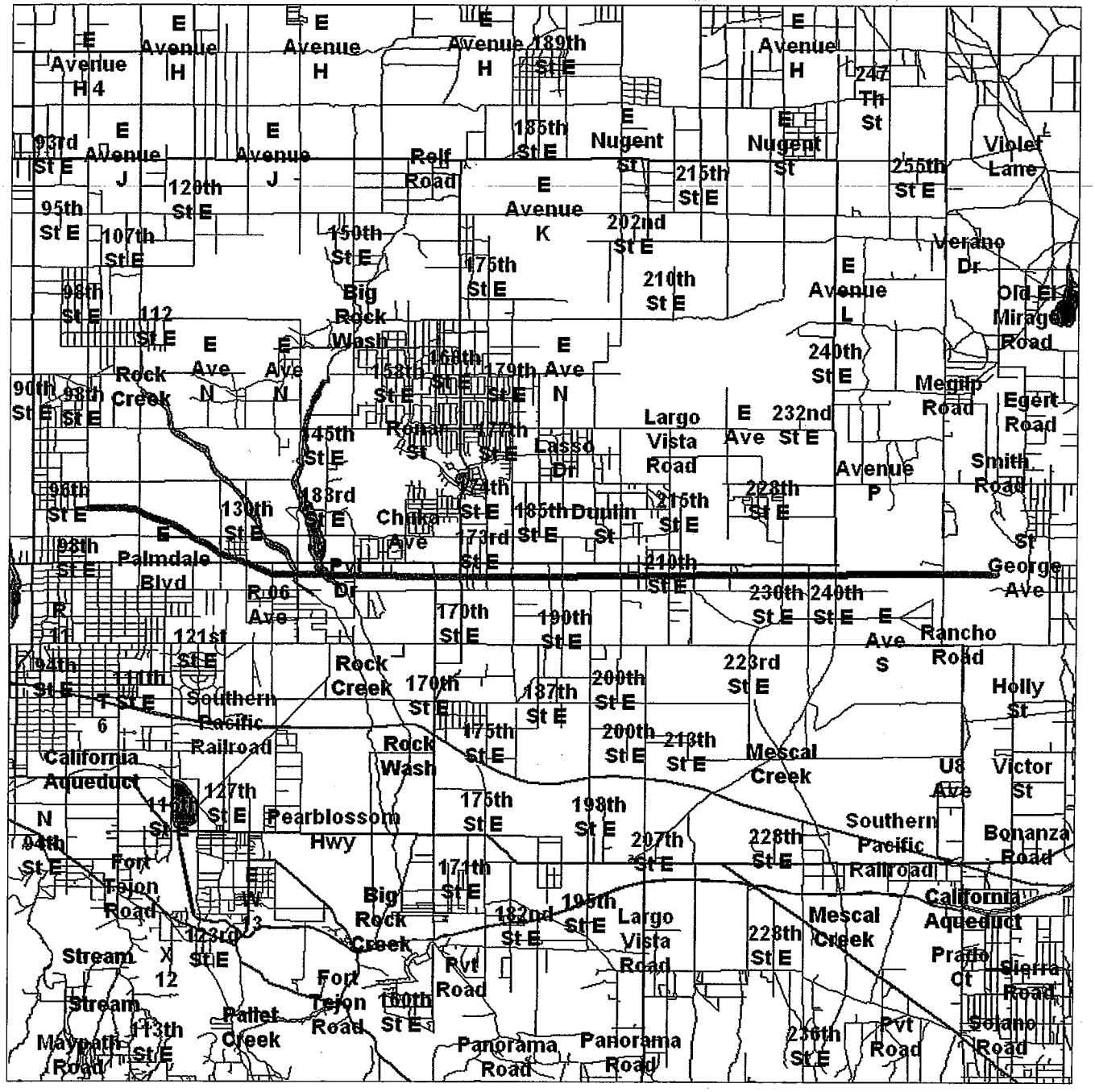
Railroads .....

Environmental FirstSearch

1 Mile Radius from Line

ASTM-05: NPL, RCRACOR, STATE

PROPOSED LA-138 HIGHWAY, PALMDALE CA 93591



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

ELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

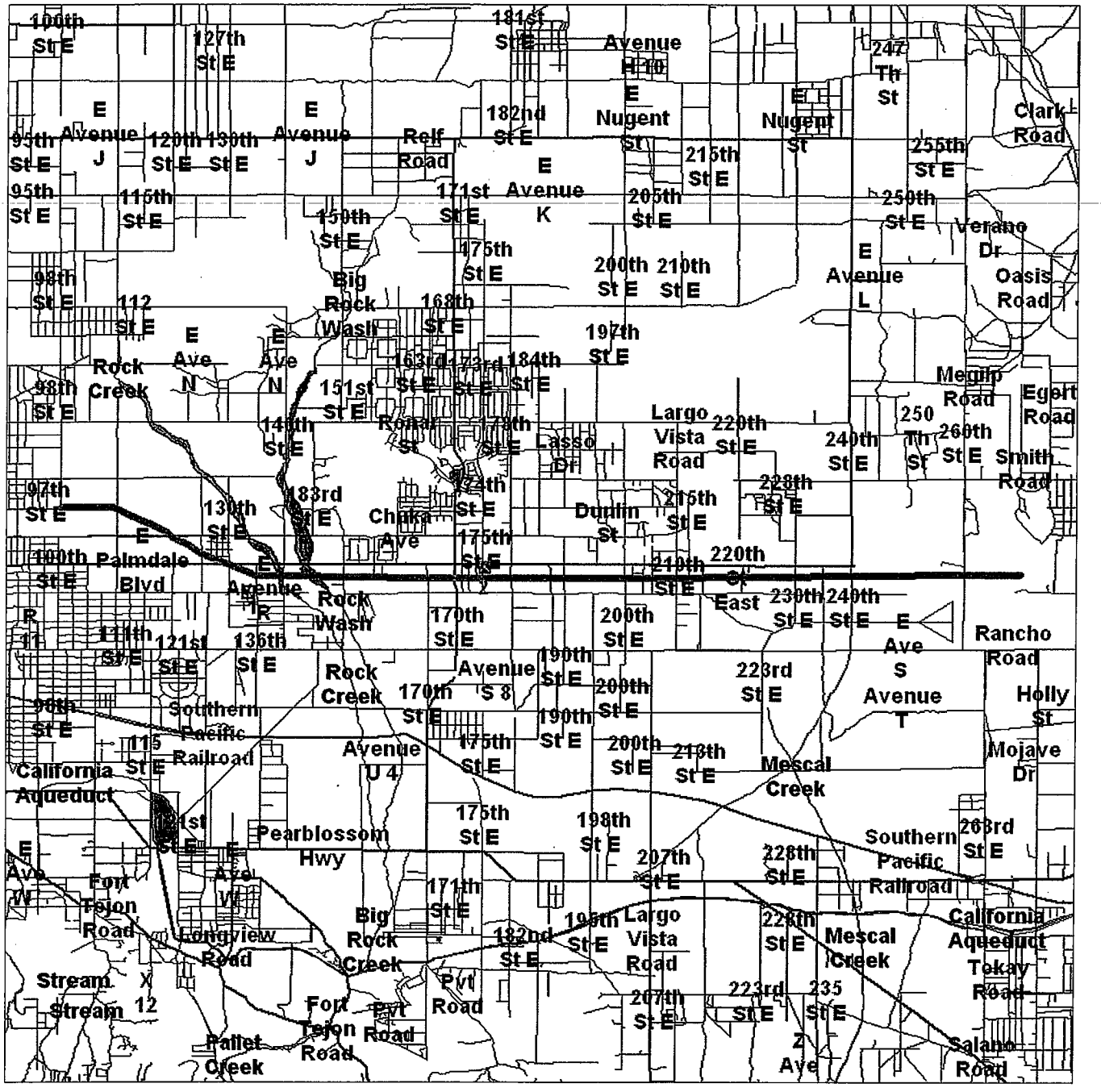
Railroads .....

Environmental FirstSearch

.5 Mile Radius from Line

ASTM-05: Multiple Databases

PROPOSED LA-138 HIGHWAY, PALMDALE CA 93591



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

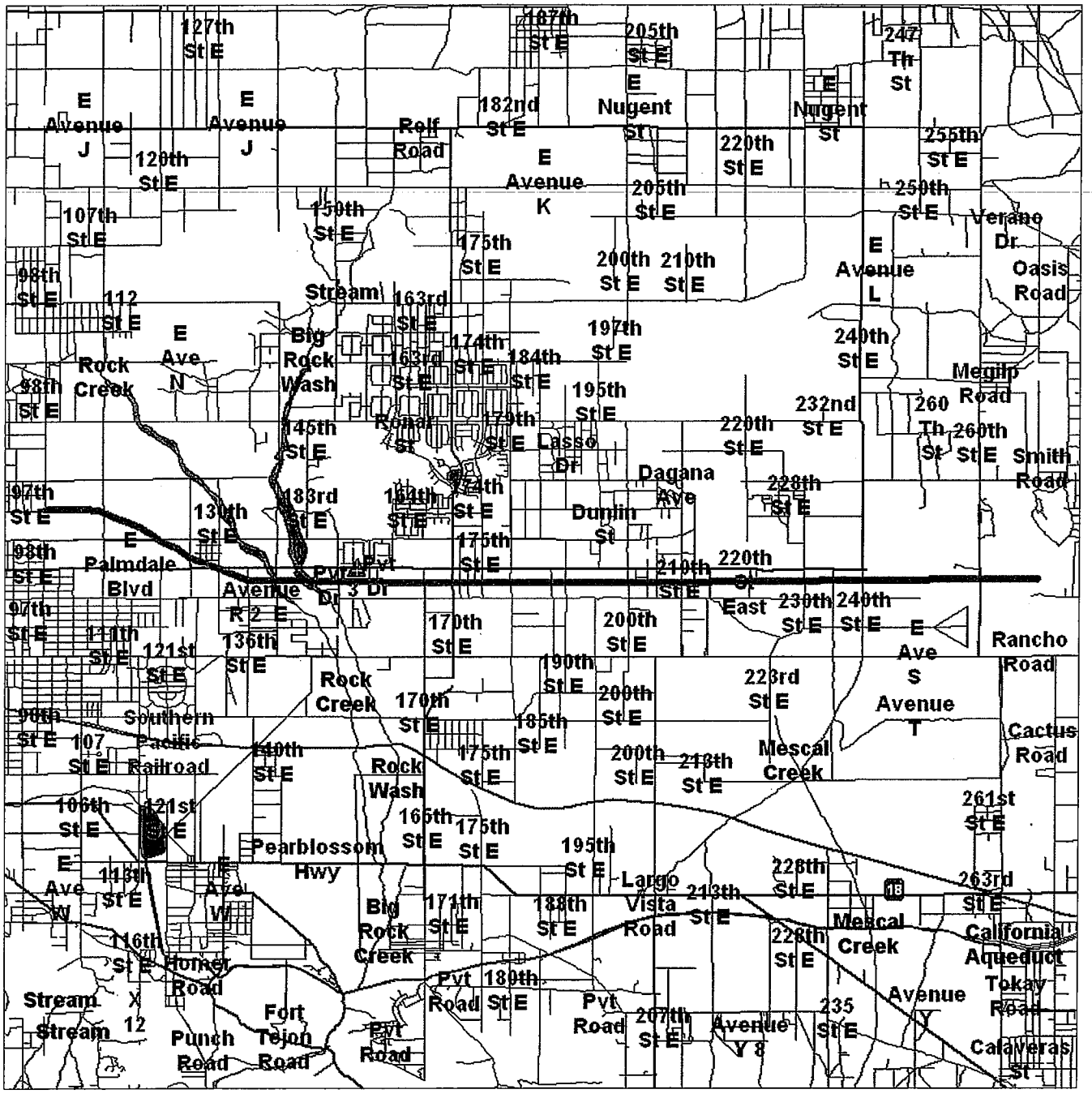
Railroads .....

Environmental FirstSearch

.25 Mile Radius from Line

ASTM-05: RCRAGEN, UST, OTHER

PROPOSED LA-138 HIGHWAY, PALMDALE CA 93591



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

ELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

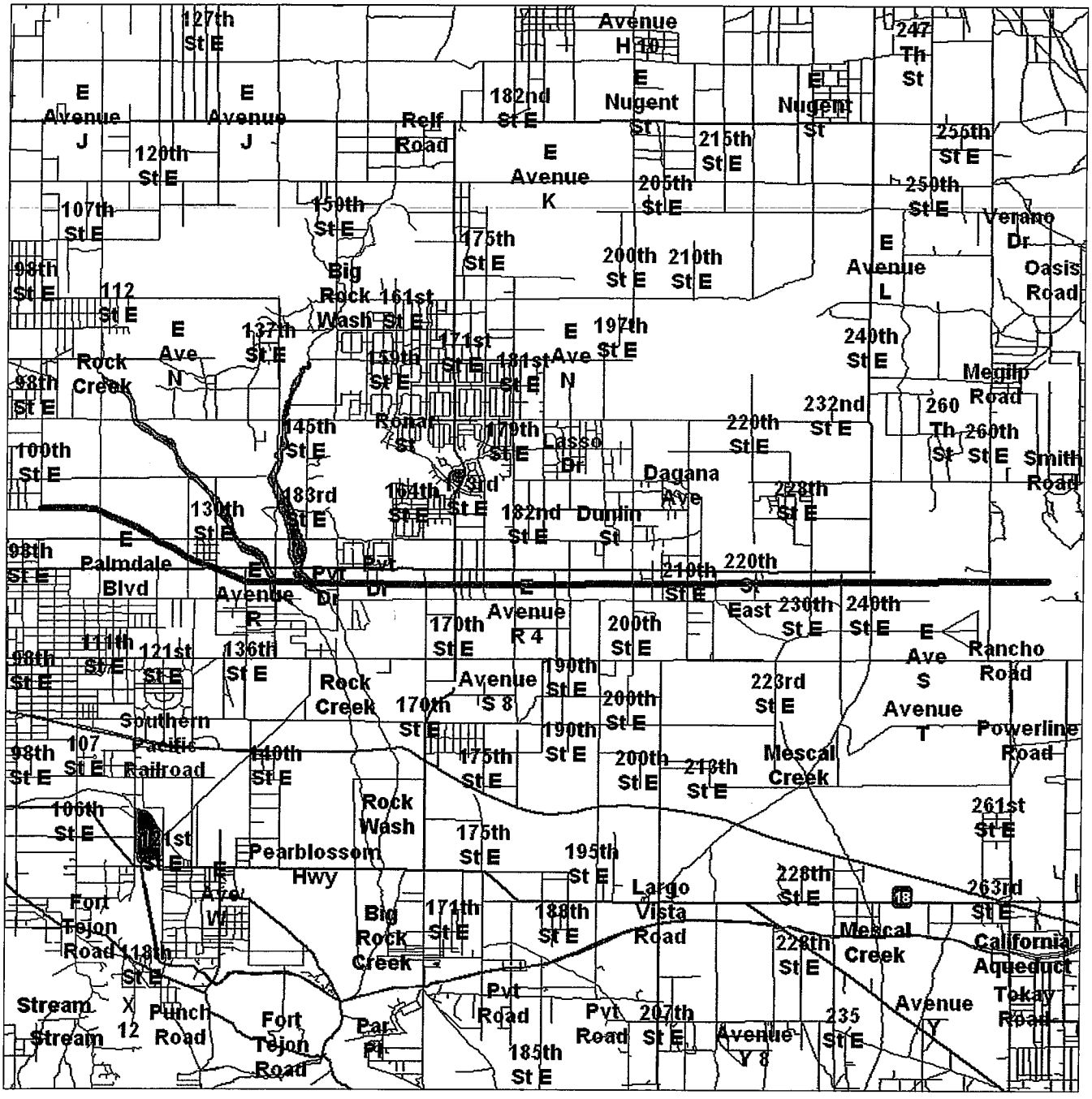
Railroads .....

Environmental FirstSearch

.12 Mile Radius from Line

ASTM-05: Multiple Databases

PROPOSED LA-138 HIGHWAY, PALMDALE CA 93591



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

ELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

Environmental FirstSearch
Sites Summary Report

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

TOTAL: 6 **GEOCODED:** 4 **NON GEOCODED:** 2 **SELECTED:** 6

DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Map ID	Page No.
SWL	*METRO-WEST INVESTMENTS, LP* *SWIS19-TI-1026/INACTIVE*	*13346 EAST AVENUE R* *LITTLEROCK CA 93543*	*0.20 SW*	*N/A*	*1*	*2*
CERCLIS	*SCHNAIDT FIREWORKS SITE* *CAN000906082/NOT PROPOSED*	*17500 EAST PALMDALE BLVD* *LLANO CA 93544*	*0.21 NW*	*N/A*	*2*	*3*
UST	*ENNALS IVES* *LACO011252/NOT REPORTED*	*15366 E PALMDALE BLVD* *PALMDALE CA 93550*	*0.23 NE*	*N/A*	*3*	*5*
UST	*ENNALS IVES* *TISID-STATE23778/ACTIVE*	*15366 PALMDALE* *PALMDALE CA*	*0.23 NE*	*N/A*	*3*	*6*

Environmental FirstSearch
Sites Summary Report

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

TOTAL: 6 **GEOCODED:** 4 **NON GEOCODED:** 2 **SELECTED:** 6

DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Map ID	Page No.
TRIBALLAND	*BUREAU OF INDIAN AFFAIRS CONTA* *BIA-93591*	*UNKNOWN* *CA 93591*	*NON GC*	*N/A*		*7*
SWL	*JAMES, JIMMY G. and LINDA S.* *SWIS19-TI-1027/ACTIVE*	*13306 EAST AVENUE R-8* *LITTLEROCK CA 93543*	*NON GC*	*N/A*		*9*

Environmental FirstSearch
Site Detail Report

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

SWL

SEARCH ID: 2 **DIST/DIR:** 0.20 SW **ELEVATION:** **MAP ID:** 1

NAME: METRO-WEST INVESTMENTS, LP
ADDRESS: 13346 EAST AVENUE R
LITTLEROCK CA
LOS ANGELES
CONTACT:
SOURCE:

REV: 01/19/05
ID1: SWIS19-TI-1026
ID2:
STATUS: INACTIVE
PHONE:

SITE OPERATOR INFORMATION:

SITE OPERATOR INFORMATION:

Operator:
Operator Address:
Permit Date:
Permit Status:
Land Use Name:
GIS Source for LAT and LONG: *GPS*

Operator:
Operator Address:
Permit Date:
Permit Status:
Land Use Name:
GIS Source for LAT and LONG: *GPS*

SITE ACTIVITY INFORMATION:

SITE ACTIVITY INFORMATION:

Activity: *Auto Dismantler*
Accepted Waste: *Tires*
Operational Status: *Inactive*
Regulatory Status *Unpermitted*
Closure Date:
Closure Type:
Permitted Throughput with Units: *0 Tires*
Permitted Capacity with Units: *0*
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: *0*
Permitted Disposal Acreage:
Last Tire Inspection Count: *500*
Last Tire Inspection Count Date: *8/14/2002*
Original Tire Inspection Count: *501*
Last Tire Inspection Count Date: *8/5/1999*
Inspection Frequency: *None*

Activity: *Auto Dismantler*
Accepted Waste: *Tires*
Operational Status: *Inactive*
Regulatory Status *Unpermitted*
Closure Date:
Closure Type:
Permitted Throughput with Units: *0 Tires*
Permitted Capacity with Units: *0*
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: *0*

- Continued on next page -

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

SWL

SEARCH ID: 2 **DIST/DIR:** 0.20 SW **ELEVATION:** **MAP ID:** 1

NAME: METRO-WEST INVESTMENTS, LP
ADDRESS: 13346 EAST AVENUE R
LITTLEROCK CA
LOS ANGELES
CONTACT:
SOURCE:

REV: 01/19/05
ID1: SWIS19-TI-1026
ID2:
STATUS: INACTIVE
PHONE:

Permitted Disposal Acreage:
Last Tire Inspection Count: *500*
Last Tire Inspection Count Date: *8/14/2002*
Original Tire Inspection Count: *501*
Last Tire Inspection Count Date: *8/5/1999*
Inspection Frequency: *None*

SITE OWNER INFORMATION:

SITE OWNER INFORMATION:

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

CERCLIS

SEARCH ID: 1 **DIST/DIR:** 0.21 NW **ELEVATION:** 2781 **MAP ID:** 2

NAME: SCHNAIDT FIREWORKS SITE
ADDRESS: 17500 EAST PALMDALE BLVD
LLANO CA 93544
LOS ANGELES
CONTACT: DAWN RICHMOND
SOURCE: EPA

REV: 11/30/10
ID1: CAN000906082
ID2: 0906082
STATUS: NOT PROPOSED
PHONE: 4159723097

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
removal	EPA Fund-Financed	7/14/2004	7/23/2004
Cleaned up	Primary		

DESCRIPTION:

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

UST

SEARCH ID: 4 **DIST/DIR:** 0.23 NE **ELEVATION:** 2776 **MAP ID:** 3

NAME:	ENNALS IVES	**REV:**	05/02/09
ADDRESS:	15366 E PALMDALE BLVD	**ID1:**	LACO011252
	PALMDALE CA 93591	**ID2:**	THOMAS GUIDE 4199D7
	LOS ANGELES	**STATUS:**	NOT REPORTED
CONTACT:	ENNALS IVES JR	**PHONE:**	8052641581
SOURCE:	LA COUNTY DPW		

According to the Los Angeles County Department of Public Works the following information is current as of 05/02/09

GENERAL INFORMATION REGARDING SITE

Tax Accessors Parcel /s:	/ /
File Number:	*011271*
File Name:	*ENNALS IVES*
Property Owner Name and Type:	/
Property Owner Address:	,
Tank Owner Name and Type:	/
Tank Owner Address:	,
Tank Owner Phone:	/

PERMIT INFORMATION

Permit Number and Category:	*00002804T / TANK*
Permit Type and Date:	*UST OPERATING PERMIT / 19910408*
Permit Expiration Date:	*20010408*
Permit Status:	*REM*
Fee Exempt:	*No*
Penalty Date/s:	/
Suspension Date and Reason:	/

SPECIFIC TANK INFORMATION FOR TANK NUMBER: *00001*

Unique Tank Number:	*000018015*
Status:	*Removed*
Installation Date:	*19650101*
Owner Number:	*UNKNOWN*
Capacity:	*0000000550*
Content:	
J Fuel Type:	*LEADED GASOLINE*
CAS Number:	
Product or Waste in Tank (?):	*PRODUCT*

TANK CLOSING and REMOVAL INFORMATION (if applicable) FOR TANK : *00001*

Application Closing Number:	*000245604*
Date Tank Closed:	*19990616*
Last Used Date:	*19990616*
Remaining Quantity:	*0000000000*
Inert Fill:	*NO*
Removal Application Number:	*000245604*

TANK and PIPING MATERIALS (if applicable) FOR TANK : *00001*

Manufacturer:	*UNKNOWN*
Construction Type Description:	
Construction Material Description:	
Construction Lining Description:	
Piping Type Description:	
Piping Construction Description:	
Piping Material Description:	
Piping Leak Detection Description:	
Leak Detection System 1:	
Leak Detection System 2:	
Last Update:	*20000322*

- Continued on next page -

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

UST

SEARCH ID: 4 **DIST/DIR:** 0.23 NE **ELEVATION:** 2776 **MAP ID:** 3

NAME: ENNALS IVES
ADDRESS: 15366 E PALMDALE BLVD
PALMDALE CA 93591
LOS ANGELES
CONTACT: ENNALS IVES JR
SOURCE: LA COUNTY DPW

REV: 05/02/09
ID1: LACO011252
ID2: THOMAS GUIDE 4199D7
STATUS: NOT REPORTED
PHONE: 8052641581

Last Operator: *E450336*

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

UST

SEARCH ID: 3 **DIST/DIR:** 0.23 NE **ELEVATION:** 2776 **MAP ID:** 3

NAME: ENNALS IVES
ADDRESS: 15366 PALMDALE
PALMDALE CA
Los Angeles
CONTACT:
SOURCE:

REV: 01/01/94
ID1: TISID-STATE23778
ID2:
STATUS: ACTIVE
PHONE:

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by us. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

TRIBALLAND

SEARCH ID: 6 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION
ADDRESS: UNKNOWN
CA 93591
LOS ANGELES
CONTACT:
SOURCE: BIA

REV: 01/15/08
ID1: BIA-93591
ID2:
STATUS:
PHONE:

BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION

OFFICE: Pacific Regional Office
CONTACT: CLAY GREGORY,REGIONAL DIRECTOR

ADDRESS: 2800 Cottage Way
Sacramento CA 95825
PHONE: Phone: 916-978-6000
FAX: Fax: 916-978-6099

The Native American Consultation Database (NACD) is a tool for identifying consultation contacts for Indian tribes, Alaska Native villages and corporations, and Native Hawaiian organizations. The database is not a comprehensive source of information, but it does provide a starting point for the consultation process by identifying tribal leaders and NAGPRA contacts. This database can be accessed online at the following web address http://home.nps.gov/nacd/

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

SWL

SEARCH ID: 5 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: JAMES, JIMMY G. and LINDA S.
ADDRESS: 13306 EAST AVENUE R-8
LITTLEROCK CA
LOS ANGELES
CONTACT:
SOURCE:

REV: 01/19/05
ID1: SWIS19-TI-1027
ID2:
STATUS: ACTIVE
PHONE:

SITE OPERATOR INFORMATION:

SITE OPERATOR INFORMATION:

Operator:
Operator Address:
Permit Date:
Permit Status:
Land Use Name:
GIS Source for LAT and LONG: *GPS*

Operator:
Operator Address:
Permit Date:
Permit Status:
Land Use Name:
GIS Source for LAT and LONG: *GPS*

SITE ACTIVITY INFORMATION:

SITE ACTIVITY INFORMATION:

Activity: *Major Waste Tire Facility*
Accepted Waste: *Tires*
Operational Status: *Active*
Regulatory Status *Unpermitted*
Closure Date:
Closure Type:
Permitted Throughput with Units: *0 Tires*
Permitted Capacity with Units: *0*
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: *0*
Permitted Disposal Acreage:
Last Tire Inspection Count: *0*
Last Tire Inspection Count Date: *8/14/2002*
Original Tire Inspection Count: *5000*
Last Tire Inspection Count Date: *8/5/1999*
Inspection Frequency: *None*

Activity: *Major Waste Tire Facility*
Accepted Waste: *Tires*
Operational Status: *Active*
Regulatory Status *Unpermitted*
Closure Date:
Closure Type:
Permitted Throughput with Units: *0 Tires*
Permitted Capacity with Units: *0*
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: *0*

- Continued on next page -

Target Property: PROPOSED LA-138 HIGHWAY
PALMDALE CA 93591

JOB: S9475-06-05

SWL

SEARCH ID: 5 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: JAMES, JIMMY G. and LINDA S.
ADDRESS: 13306 EAST AVENUE R-8
LITTLEROCK CA
LOS ANGELES
CONTACT:
SOURCE:

REV: 01/19/05
ID1: SWIS19-TI-1027
ID2:
STATUS: ACTIVE
PHONE:

Permitted Disposal Acreage:
Last Tire Inspection Count: *0*
Last Tire Inspection Count Date: *8/14/2002*
Original Tire Inspection Count: *5000*
Last Tire Inspection Count Date: *8/5/1999*
Inspection Frequency: *None*

SITE OWNER INFORMATION:

SITE OWNER INFORMATION:

Owner: *James, Jimmy G*
Owner Phone:
Owner Address: *13306 East Avenue R-8*

Owner: *James, Jimmy G*
Owner Phone:
Owner Address: *13306 East Avenue R-8*

Environmental FirstSearch Descriptions

NPL: ***EPA*** NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.
A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.
FINAL - Currently on the Final NPL
PROPOSED - Proposed for NPL

NPL DELISTED: ***EPA*** NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.
DELISTED - Deleted from the Final NPL

CERCLIS: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.
PART OF NPL- Site is part of NPL site
DELETED - Deleted from the Final NPL
FINAL - Currently on the Final NPL
NOT PROPOSED - Not on the NPL
NOT VALID - Not Valid Site or Incident
PROPOSED - Proposed for NPL
REMOVED - Removed from Proposed NPL
SCAN PLAN - Pre-proposal Site
WITHDRAWN - Withdrawn

NFRAP: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.
NFRAP – No Further Remedial Action Plan
P - Site is part of NPL site
D - Deleted from the Final NPL
F - Currently on the Final NPL
N - Not on the NPL
O - Not Valid Site or Incident
P - Proposed for NPL
R - Removed from Proposed NPL
S - Pre-proposal Site
W – Withdrawn

RCRA COR ACT: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: ***EPA/MA DEP/CT DEP*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that generate or transport hazardous waste or meet other RCRA requirements.
LGN - Large Quantity Generators
SGN - Small Quantity Generators
VGN – Conditionally Exempt Generator.
Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.
CONNECTICUT HAZARDOUS WASTE MANIFEST – Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.
MASSACHUSETTES HAZARDOUS WASTE GENERATOR – database of generators that are regulated under the MA DEP.
VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.
SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.
LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

RCRA NLR: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification:
Failure to report in a timely matter.
No longer in business.
No longer in business at the listed address.
No longer generating hazardous waste materials in quantities which require reporting.

ERNS: ***EPA/NRC*** EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: ***DOI/BIA*** INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are

Federally-administered lands within a reservation which may or may not be considered part of the reservation.
BUREAU OF INDIAN AFFIARS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: ***CA EPA*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system called Envirostor with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), formerly known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.
The SMBRPD displays information in six categories, two of which are found in ST. The categories listed under ST are:
1. State Response Sites.
2. School Property Evaluation Program Properties (SCH)
Please Note: Our reports list the above sites as DB Type (STATE). Other categories found in the SMBRPD are listed in our reports in the DB Types OT and VC.
Each Category contains information on properties based upon the type of work taking place at the site. State Response Sites contains only known and potential hazardous substance release sites considered as posing the greatest threat to the public. School sites included in ST will be found within the SMBRPD's School Property Evaluation Program.
CORTESE LIST-Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program to provide information about the location of hazardous materials release sites. Cortese List sites that fall under DTSC's guidelines for State Response sites are included in our reports in the ST category as are qualifying sites from the Annual Work Plan (formerly Bond Expenditure Plan) and the historic ASPIS databases.

State Spills 90: ***CA EPA*** SLIC REGIONS 1 - 9- The California Regional Water Quality Control Boards maintain report of sites that have records of spills, leaks, investigation, and cleanups.

State/Tribal SWL: ***CA IWMB/SWRCB/COUNTY*** SWIS SOLID WASTE INFORMATION SYSTEM-The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed in the source field..
Please Note: This database contains poor site location information for many sites in our reports; therefore, it may not be possible to locate or plot some sites in our reports.
WMUDS-The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (WMU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.
Note: This database contains poor site location information for many sites in our reports; therefore, it may not be possible to locate or plot some sites in reports.
ORANGE COUNTY LANDFILLS LIST- A list maintained by the Orange County Health Department.

State/Tribal LUST: ***CA SWRCB/COUNTY*** LUSTIS- The State Water Resources Control Board maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.
SAN DIEGO COUNTY LEAKING TANKS- The San Diego County Department of Environmental Health maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number listed in the source information field.

State/Tribal UST/AST: ***CA EPA/COUNTY/CITY*** ABOVEGROUND STORAGE TANKS LISTING-The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the

production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.
SWEEPS / FIDS STATE REGISTERED UNDEGROUND STORAGE TANKS- Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. We have included the UST information from the FIDS database in our reports for historical purposes to help our clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed with the source information.
INDIAN LANDS UNDERGROUND STORAGE TANKS LIST- A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTS are administered by US EPA Region 9.
CUPA DATABASES & SOURCES- Definition of a CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.
A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.
Please Note: We collect and maintains information regarding Underground Storage Tanks from the majority of the CUPAS and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefore, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

State/Tribal IC: ***CA EPA*** DEED-RESTRICTED SITES LISTING- The California EPA's Department of Toxic Substances Control Board maintains a list of deed-restricted sites, properties where the DTSC has placed limits or requirements on the future use of the property due to varying levels of cleanup possible, practical or necessary at the site.

State/Tribal VCP: ***CA EPA*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system called Envirostor with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), formerly known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances. The Voluntary Cleanup Program (VCP) category contains only those properties undergoing voluntary investigation and/or cleanup and which are listed in the Voluntary Cleanup Program.
Please Note: Our reports list the above sites as DB Type VC.

RADON: ***NTIS*** NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Permits: ***CA EPA/COUNTY*** SAN DIEGO COUNTY HE17 PERMITS- The HE17/58 database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations that the County oversees. It tracks if a site is a hazardous waste generator, TSD, gas station, has underground tanks, violations, or unauthorized releases. For more information on a specific file call the HazMat Duty Specialist at the phone number listed in the source information field.
SAN BERNARDINO COUNTY HAZARDOUS MATERIALS PERMITS- Handlers and Generators Permit Information Maintained by the Hazardous Materials Division.

State Other: ***CA EPA/COUNTY*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system called Envirostor with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), formerly known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.
The SMBRPD displays information in six categories, two of which are found in ST. The categories listed under

OT are:
1. Unconfirmed Properties Referred to Another Local or State Agency (REF)
2. Properties where a No Further Action Determination has been made (NFA)
Please Note: Our reports list the above sites as DB Type (OTHER). Other categories found in the SMBRPD are listed in our reports in the DB Types ST and VC.
LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG- The County of Los Angeles Public Health Investigation Compliant Control Log.
ORANGE COUNTY INDUSTRIAL SITE CLEANUPS- List maintained by the Orange County Environmental Health Agency.
RIVERSIDE COUNTY WASTE GENERATORS-A list of facilities in Riverside County which generate hazardous waste.
SACRAMENTO COUNTY MASTER HAZMAT LIST-Master list of facilities within Sacramento County with potentially hazardous materials.
SACRAMENTO COUNTY TOXIC SITE CLEANUPS-A list of sites where unauthorized releases of potentially hazardous materials have occurred.

HW Manifest: ***CA EPA*** DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY-Records maintained by the CA DTSC of Hazardous Waste Manifests used to track and document the transport of hazardous waste from a generator's site to the site of its final disposition.

Environmental FirstSearch Database Sources

NPL: ***EPA*** Environmental Protection Agency

Updated quarterly

NPL DELISTED: ***EPA*** Environmental Protection Agency

Updated quarterly

CERCLIS: ***EPA*** Environmental Protection Agency

Updated quarterly

NFRAP: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA TSD: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA GEN: ***EPA/MA DEP/CT DEP*** Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

RCRA NLR: ***EPA*** Environmental Protection Agency

Updated quarterly

ERNS: ***EPA/NRC*** Environmental Protection Agency

Updated annually

Tribal Lands: ***DOI/BIA*** United States Department of the Interior

Updated annually

State/Tribal Sites: ***CA EPA*** The CAL EPA, Depart. Of Toxic Substances Control
Phone: (916) 323-3400

Updated quarterly/when available

State Spills 90: ***CA EPA*** The California State Water Resources Control Board

Updated when available

State/Tribal SWL: ***CA IWMB/SWRCB/COUNTY*** The California Integrated Waste Management Board
Phone:(916) 255-2331
The State Water Resources Control Board
Phone:(916) 227-4365
Orange County Health Department

Updated quarterly/when available

State/Tribal LUST: ***CA SWRCB/COUNTY*** The California State Water Resources Control Board
Phone:(916) 227-4416
San Diego County Department of Environmental Health

Updated quarterly/when available

State/Tribal UST/AST: ***CA EPA/COUNTY/CITY*** The State Water Resources Control Board
Phone:(916) 227-4364
CAL EPA Department of Toxic Substances Control
Phone:(916)227-4404
US EPA Region 9 Underground Storage Tank Program
Phone: (415) 972-3372
ALAMEDA COUNTY CUPAS:
* County of Alameda Department of Environmental Health
* Cities of Berkeley, Fremont, Hayward, Livermore / Pleasanton, Newark, Oakland, San Leandro, Union
ALPINE COUNTY CUPA:
* Health Department (Only updated by agency sporadically)
AMADOR COUNTY CUPA:
* County of Amador Environmental Health Department
BUTTE COUNTY CUPA
* County of Butte Environmental Health Division (Only updated by agency biannually)
CALAVERAS COUNTY CUPA:
* County of Calaveras Environmental Health Department
COLUSA COUNTY CUPA:
* Environmental Health Dept.
CONTRA COSTA COUNTY CUPA:
* Hazardous Materials Program
DEL NORTE COUNTY CUPA:
* Department of Health and Social Services
EL DORADO COUNTY CUPAS:
* County of El Dorado Environmental Health - Solid Waste Div (Only updated by agency annually)
* County of El Dorado EMD Tahoe Division (Only updated by agency annually)
FRESNO COUNTY CUPA:
* Haz. Mat and Solid Waste Programs
GLENN COUNTY CUPA:
* Air Pollution Control District
HUMBOLDT COUNTY CUPA:
* Environmental Health Division
IMPERIAL COUNTY CUPA:
* Department of Planning and Building
INYO COUNTY CUPA:
* Environmental Health Department

KERN COUNTY CUPA:
* County of Kern Environmental Health Department
* City of Bakersfield Fire Department
KINGS COUNTY CUPA:
* Environmental Health Services
LAKE COUNTY CUPA:
* Division of Environmental Health
LASSEN COUNTY CUPA:
* Department of Agriculture
LOS ANGELES COUNTY CUPAS:
* County of Los Angeles Fire Department CUPA Data as maintained by the Los Angeles County Department of Public Works
* County of Los Angeles Environmental Programs Division
* Cities of Burbank, El Segundo, Glendale, Long Beach/Signal Hill, Los Angeles,Pasadena, Santa Fe Springs, Santa Monica, Torrance, Vernon
MADERA COUNTY CUPA:
* Environmental Health Department
MARIN COUNTY CUPA:
* County of Marin Office of Waste Management
* City of San Rafael Fire Department
MARIPOSA COUNTY CUPA:
* Health Department
MENDOCINO COUNTY CUPA:
* Environmental Health Department
MERCED COUNTY CUPA:
* Division of Environmental Health
MODOC COUNTY CUPA:
* Department of Agriculture
MONO COUNTY CUPA:
* Health Department
MONTEREY COUNTY CUPA:
* Environmental Health Division
NAPA COUNTY CUPA:
* Hazardous Materials Section
NEVADA COUNTY CUPA:
* Environmental Health Department
ORANGE COUNTY CUPAS:
* County of Orange Environmental Health Department
* Cities of Anaheim, Fullerton, Orange, Santa Ana
* County of Orange Environmental Health Department
PLACER COUNTY CUPAS:
* County of Placer Division of Environmental Health Field Office
* Tahoe City
* City of Roseville Roseville Fire Department
PLUMAS COUNTY CUPA:
* Environmental Health Department
RIVERSIDE COUNTY CUPA:
* Environmental Health Department
SACRAMENTO COUNTY CUPA:
* County Environmental Mgmt Dept, Haz. Mat. Div.
SAN BENITO COUNTY CUPA:
* City of Hollister Environmental Service Department
SAN BERNARDINO COUNTY CUPAS:
* County of San Bernardino Fire Department, Haz. Mat. Div.
* City of Hesperia Hesperia Fire Prevention Department
*City of Victorville Victorville Fire Department
SAN DIEGO COUNTY CUPA:
* The San Diego County Dept. of Environmental Health HE 17/58
SAN FRANCISCO COUNTY CUPA:
* Department of Public Health

SAN JOAQUIN COUNTY CUPA:
* Environmental Health Division
SAN LUIS OBISPO COUNTY CUPAS:
* County of San Luis Obispo Environmental Health Division
* City of San Luis Obispo City Fire Department
SAN MATEO COUNTY CUPA:
* Environmental Health Department
SANTA BARBARA COUNTY CUPA:
* County Fire Dept Protective Services Division
SANTA CLARA COUNTY CUPAS:
* County of Santa Clara Hazardous Materials Compliance Division
* Santa Clara County Central Fire Protection District (Covers Campbell, Cupertino, Los Gatos, & Morgan Hill)
* Cities of Gilroy, Milpitas, Mountain View, Palo Alto, San Jose Fire, Santa Clara, Sunnyvale
SANTA CRUZ COUNTY CUPA:
* Environmental Health Department
SHASTA COUNTY CUPA:
* Environmental Health Department
SIERRA COUNTY CUPA:
* Health Department
SISKIYOU COUNTY CUPA:
* Environmental Health Department
SONOMA COUNTY CUPAS:
* County of Sonoma Department Of Environmental Health
* Cities of Healdsburg / Sebastopol, Petaluma, Santa Rosa
STANISLAUS COUNTY CUPA:
* Department of Environmental Resources Haz. Mat. Division
SUTTER COUNTY CUPA:
* Department of Agriculture
TEHAMA COUNTY CUPA:
* Department of Environmental Health
TRINITY COUNTY CUPA:
* Department of Health
TULARE COUNTY CUPA:
* Environmental Health Department
TUOLUMNE COUNTY CUPA:
* Environmental Health
VENTURA COUNTY CUPAS:
* County of Ventura Environmental Health Division
* Cities of Oxnard, Ventura
YOLO COUNTY CUPA:
* Environmental Health Department
YUBA COUNTY CUPA:

Updated quarterly/annually/when available

State/Tribal IC: ***CA EPA*** The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

State/Tribal VCP: ***CA EPA*** The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

RADON: ***NTIS*** Environmental Protection Agency, National Technical Information Services

Updated periodically

State Permits: ***CA EPA/COUNTY*** The San Diego County Depart. Of Environmental Health
Phone:(619) 338-2211
San Bernardino County Fire Department

Updated quarterly/when available

State Other: ***CA EPA/COUNTY*** The CAL EPA, Depart. Of Toxic Substances Control
Phone: (916) 323-3400
The Los Angeles County Hazardous Materials Division
Phone: (323) 890-7806
Orange County Environmental Health Agency
Phone: (714) 834-3536
Riverside County Department of Environmental Health, Hazardous Materials Management Division
Phone:(951) 358-5055
Sacramento County Environmental Management Department

Updated quarterly/when available

HW Manifest: ***CA EPA***
CAL EPA, Department of Toxic Substances Control

Updated annually/when available

Last updated on Wednesday, February 02, 2011

Superfund

Search Superfund Site Information

Disclaimer:

The CERCLIS Public Access Database contains a selected set of "non-enforcement confidential" information and is updated by the regions every 90 days. The data describes what has happened at Superfund sites prior to this quarter (updated quarterly). This database includes lists of involved parties (other Federal Agencies, states, and tribes), Human Exposure and Ground Water Migration, and Site Wide Ready for Reuse, Construction Completion, and Final Assessment Decision (GPRA-like measures) for fund lead sites. Other information that is included has been included only as a service to allow public evaluations utilizing this data. Independent Quality Assessments may be made of this data by reviewing the QAPP provided by this link.(PDF 29pp, 124K)

Search Results

Search Criteria:

Active vs. Archived:	***Active*** *What are active and archived sites?*
Site Name:	*SCHNAIDT FIREWORKS SITE*
State(s):	*California*
Region(s):	*09*
ZIP Code:	*93544*

Found **1** site(s) that match your search criteria listed above.
To conduct another search, return to the **Search Superfund Site Information** page or request a **Customized SIS Report**.

Save results in Excel format

Displaying sites 1 through 1

EPA ID	Site Name	City	County	State	Non-NPL Status	Non-NPL Status Date	NPL Status
CAN000906082	SCHNAIDT FIREWORKS SITE	LLANO	LOS ANGELES	CA	RO	05/11/2004	Not NPL

Displaying sites 1 through 1

OSWER Home | Superfund Home

URL: http://cfpub.epa.gov/supercpad/cursites/srchrslt.cfm
This page design was last updated on Friday, July 16, 2010
Content is dynamically generated by ColdFusion

http://iaspub.epa.gov/Cleanups/showProfile.jsp?regId=110017865906
Last updated on Wednesday, February 02, 2011

Cleanups in My Community

You are here: EPA Home Cleanups SCHNAIDT FIREWORKS SITE

SCHNAIDT FIREWORKS SITE
17500 EAST PALMDALE BLVD
LLANO, CA 93544

EPA has cleanup profiles for this location under the following cleanup programs. For additional information on these programs, please see below.

Background
A number of cleanup programs have evolved over the years to assess and, where necessary, clean up contaminated sites, facilities and properties. Cleanups may be done by EPA, other federal agencies, states or municipalities, companies or parties responsible for the contamination, or other organizations. They may be funded by various levels of government, private parties and other organizations. Cleanup requirements, including reporting requirements, vary by program and sometimes even within a program, and not all information is reported to or available to EPA. In some cases, a particularly piece of property is cleaned by more than one program.

The following profile(s) provide summary information that is available to EPA through mandatory and voluntary reporting under the Brownfields, RCRA Corrective Action, Superfund and Federal Facilities programs as well as links to sites that have been made available to the Agency. Over time, we anticipate more EPA cleanup programs will be covered and more links will be made to information on specific cleanups. We hope that providing this information through a single point of entry will make it easier for you to find information on cleanups of interest to you. We welcome your suggestions on where to link to additional information and how to make this service more useful to our citizens, realtors, businesses and related entities.

Close Window

http://oaspub.epa.gov/enviro/lrt_viewer.map_page?sys_id=110[illegible]7865906
Last updated on Wednesday, February 02, 2011

Locational Reference Tables (LRT)

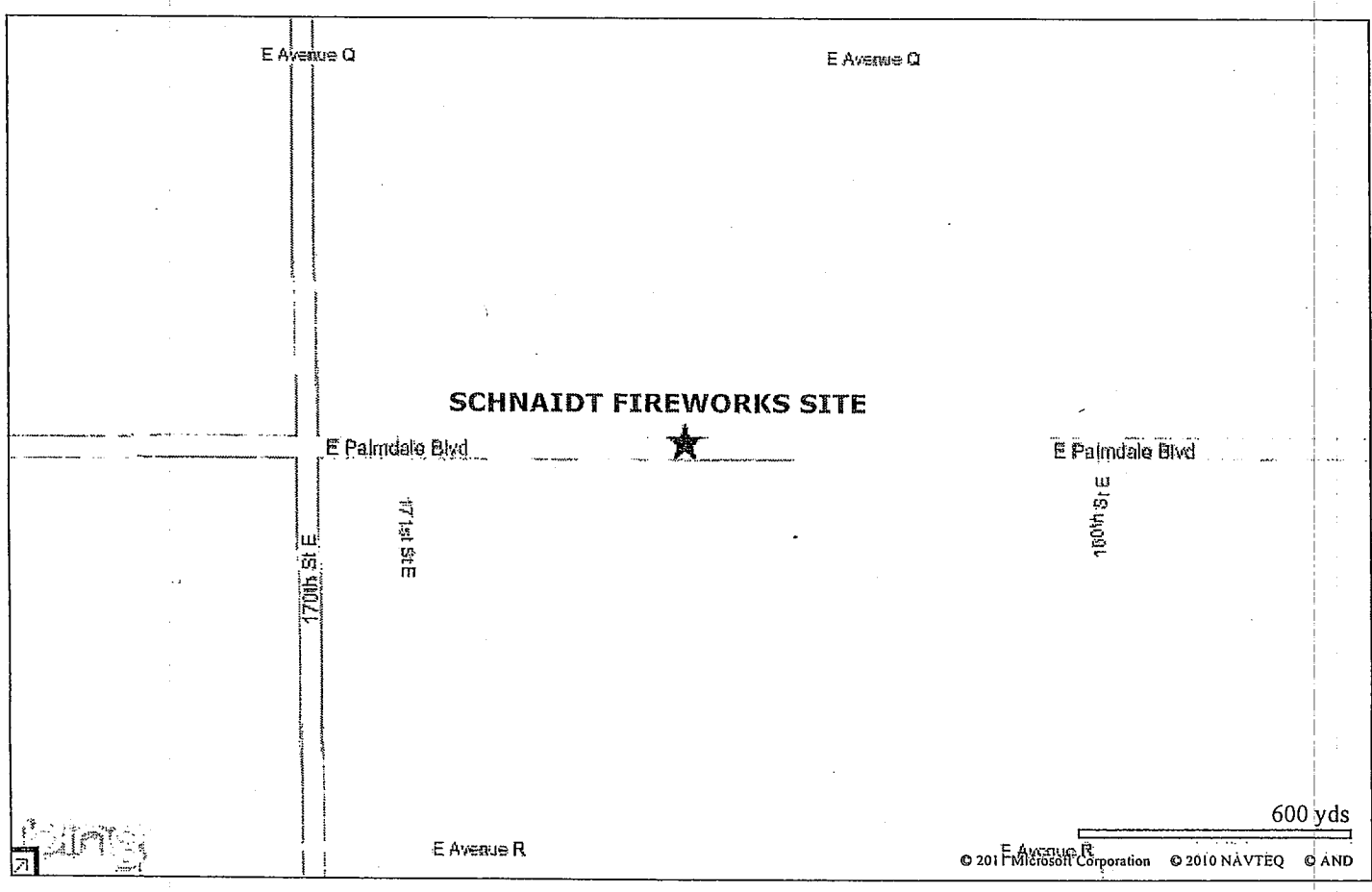
You are here: EPA Home Envirofacts FRS Location Information

Facility Location Information

Locational Information

Report an Error

SCHNAIDT FIREWORKS SITE
17500 EAST PALMDALE BLVD
LLANO CA 93544
Latitude: 34.57994 Longitude: -117.81816



Legend

- ★ Selected facility
- Multi-activities
- Superfund
- Toxic releases
- Water dischargers
- Air emissions
- Hazardous waste

http://oaspub.epa.gov/enviro/fii_query_dtl.disp_prog[illegible]_facility
Last updated on Wednesday, February 02, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

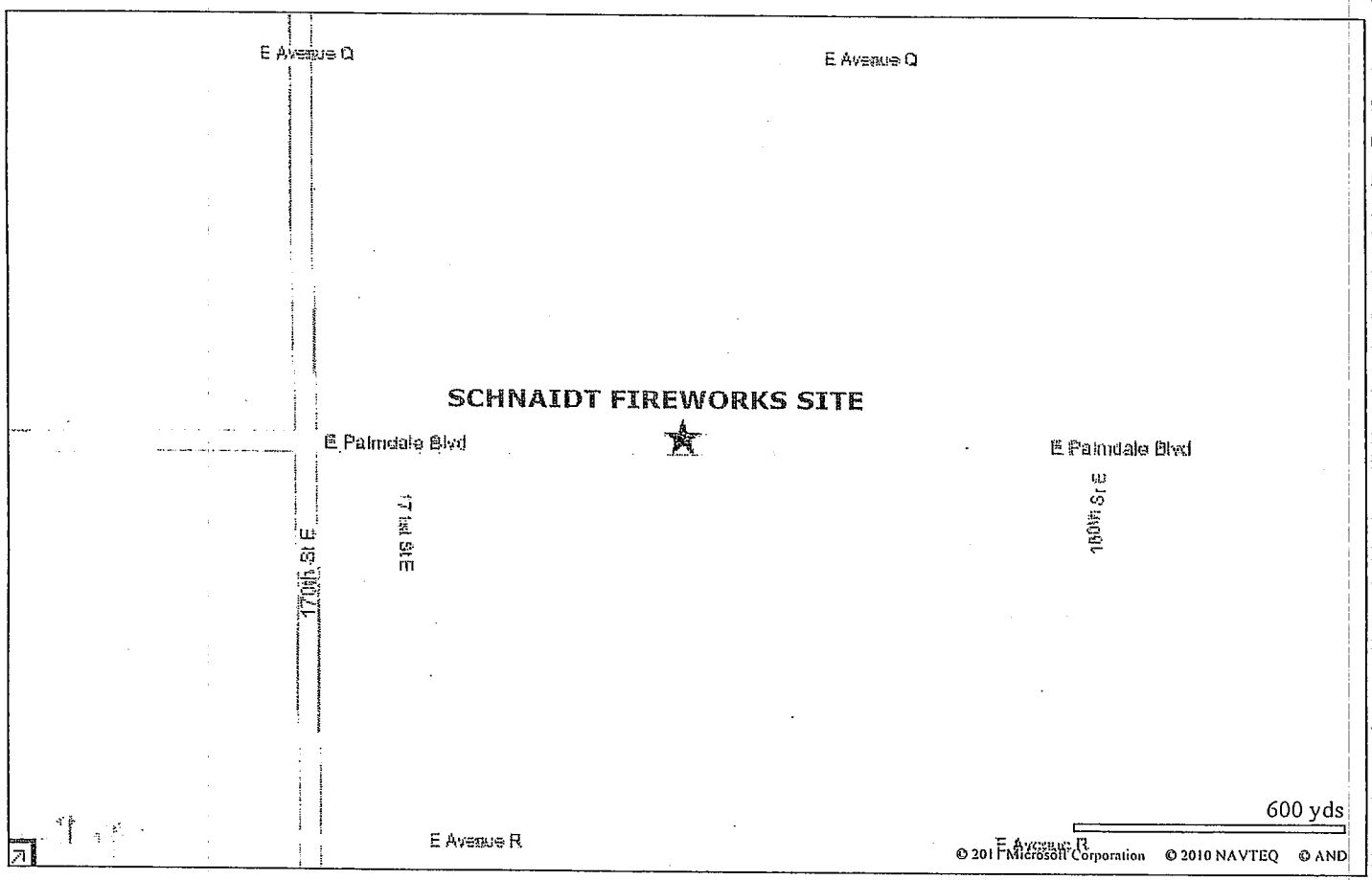
Facility Detail Report

FRS

Report an Error

SCHNAIDT FIREWORKS SITE

17500 EAST PALMDALE BLVD
LLANO, CA 93544
EPA Registry Id: 110017865906



Legend

- ★ Selected Facility
- ⊡ EPA Facility of Interest
- ⊡ State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environment Interests:
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY INFORMATION SYSTEM	CAN000906082	SUPERFUND	CERCLIS		

Additional EPA Reports: MyEnvironment Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	09
Duns Number:	
Congressional District Number:	
Legislative District Number:	
HUC Code/Watershed:	18090206 / ANTELOPE-FREMONT VALLEYS
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

No Facility Mailing Addresses returned.

Contacts

No Contacts returned.

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

Query executed on: FEB-02-2011

Additional information for CERCLIS or TRI sites:

This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.

* National Library of Medicine (NLM) EXIT EPA TOXMAP

APPENDIX F

Historical Aerial Photographs within Project Study Limits

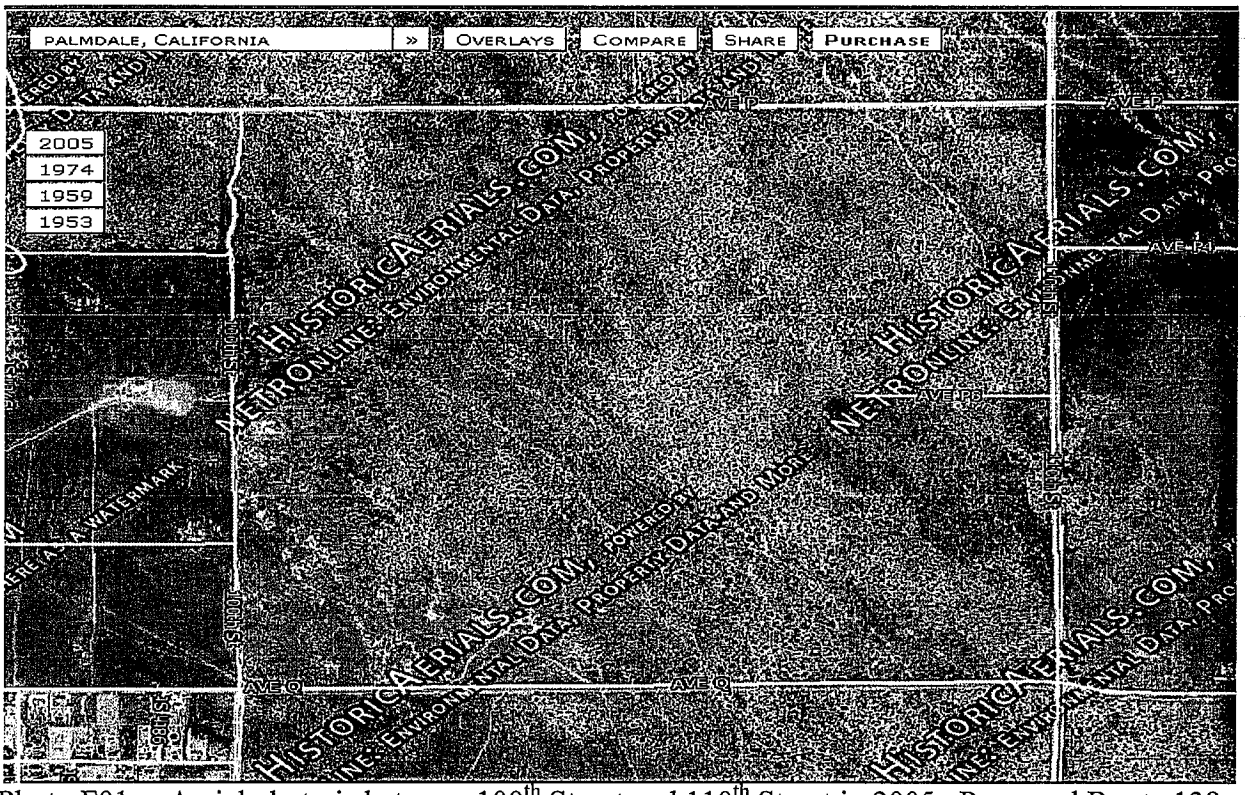


Photo F01a: Aerial photo is between 100th Street and 110th Street in 2005. Proposed Route 138 is between Ave. P and Ave. Q.

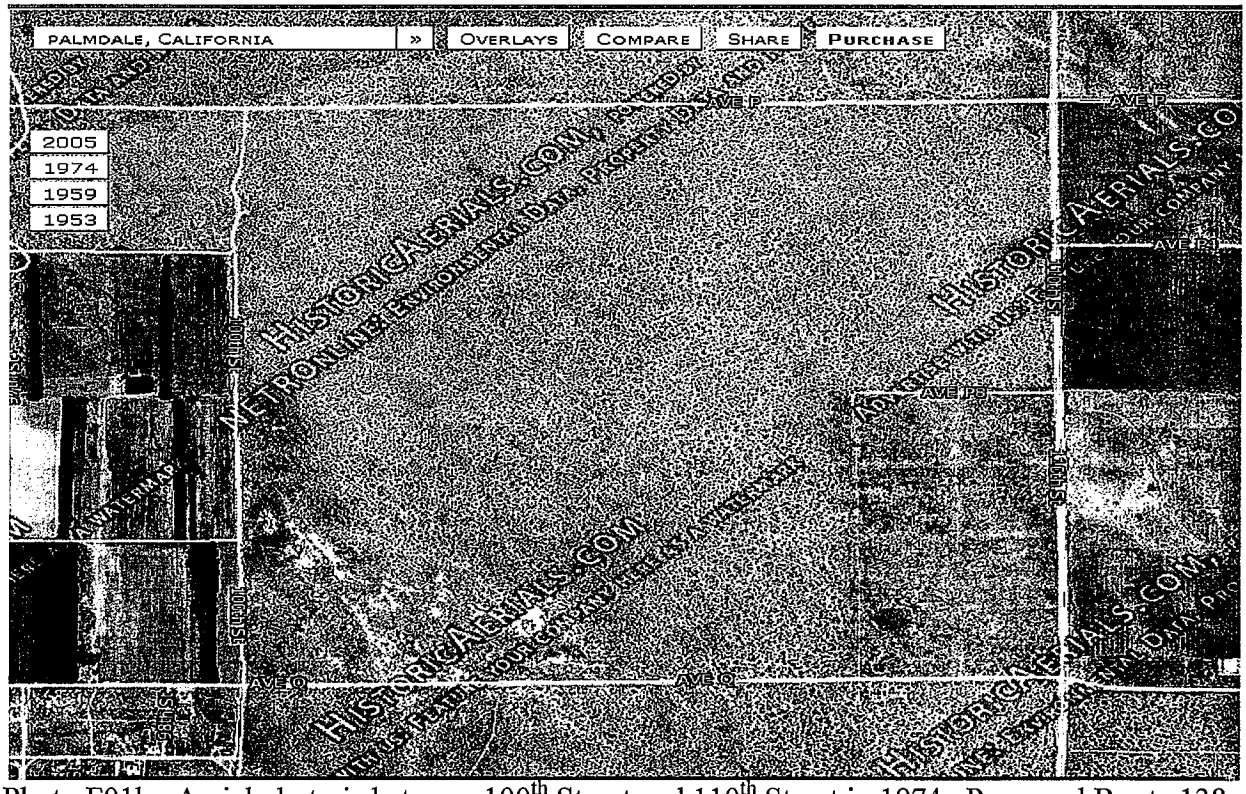


Photo F01b: Aerial photo is between 100th Street and 110th Street in 1974. Proposed Route 138 is between Ave. P and Ave. Q.

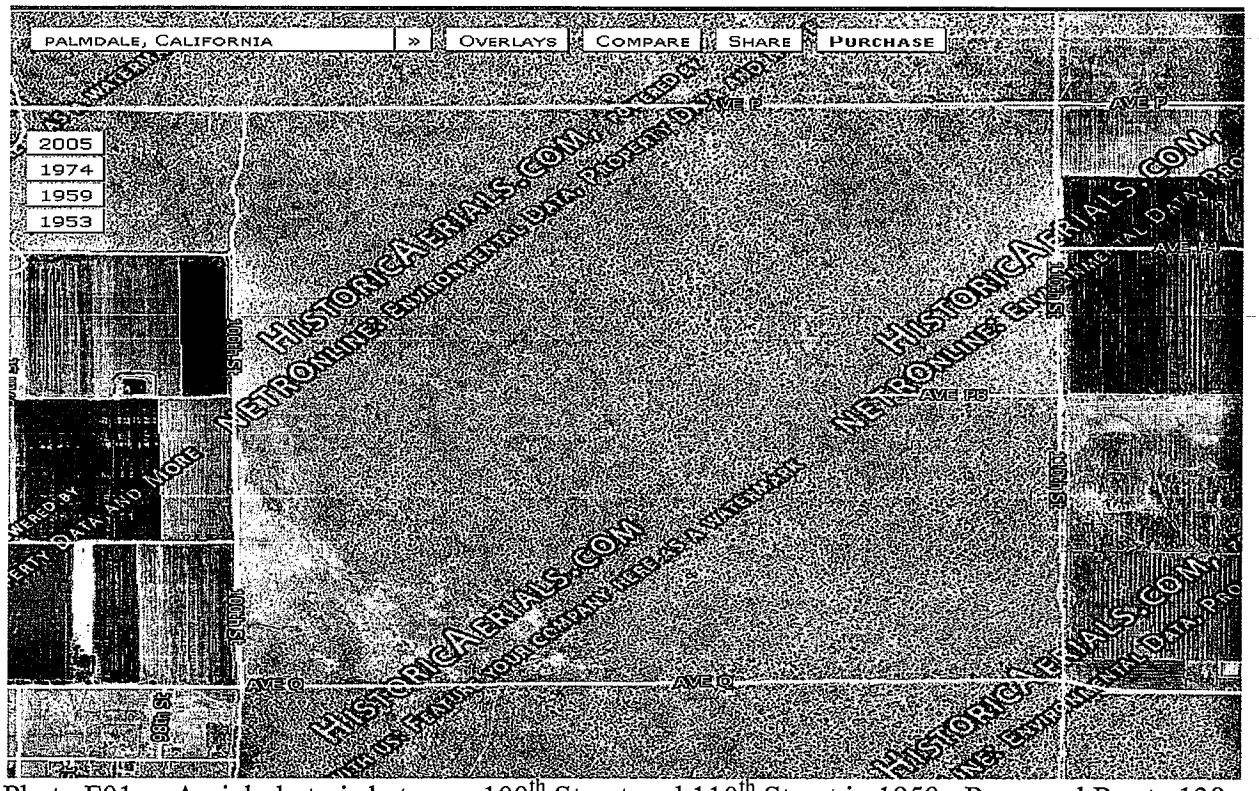


Photo F01c: Aerial photo is between 100th Street and 110th Street in 1959. Proposed Route 138 is between Ave. P and Ave. Q.

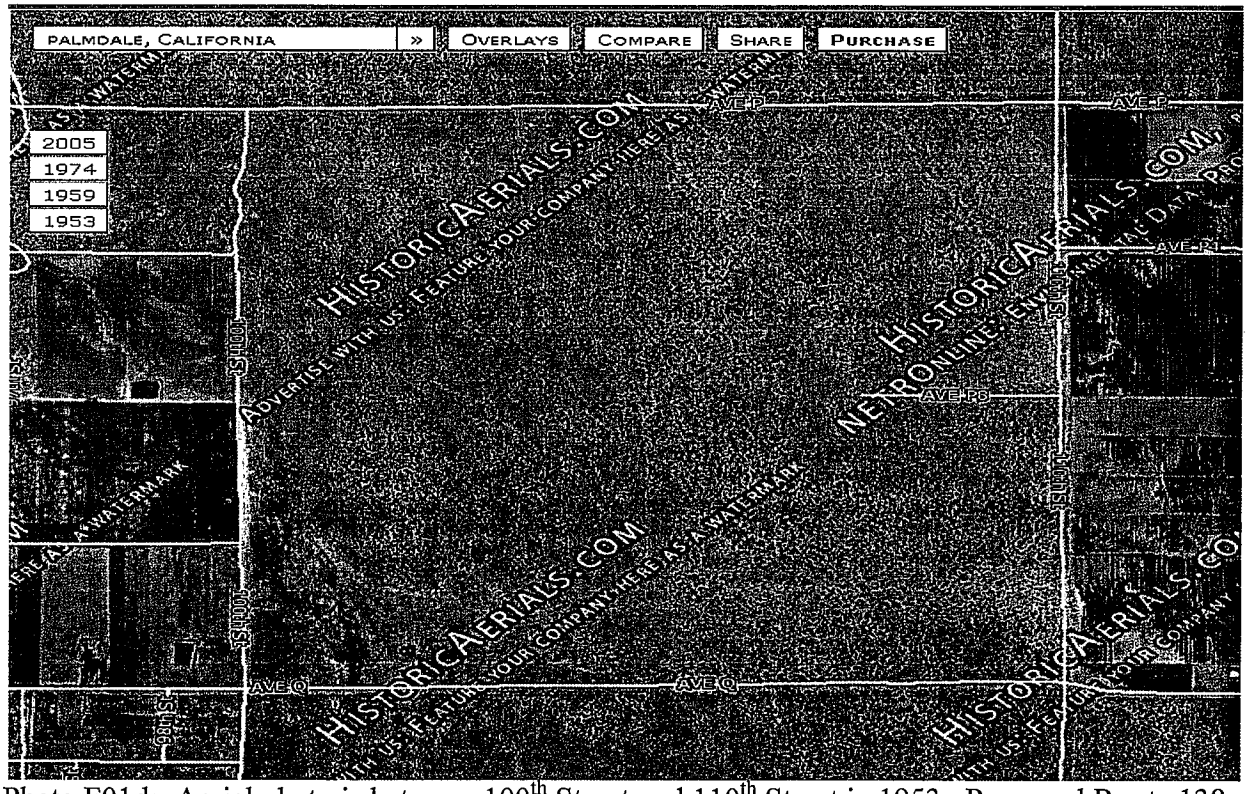


Photo F01d: Aerial photo is between 100th Street and 110th Street in 1953. Proposed Route 138 is between Ave. P and Ave. Q.

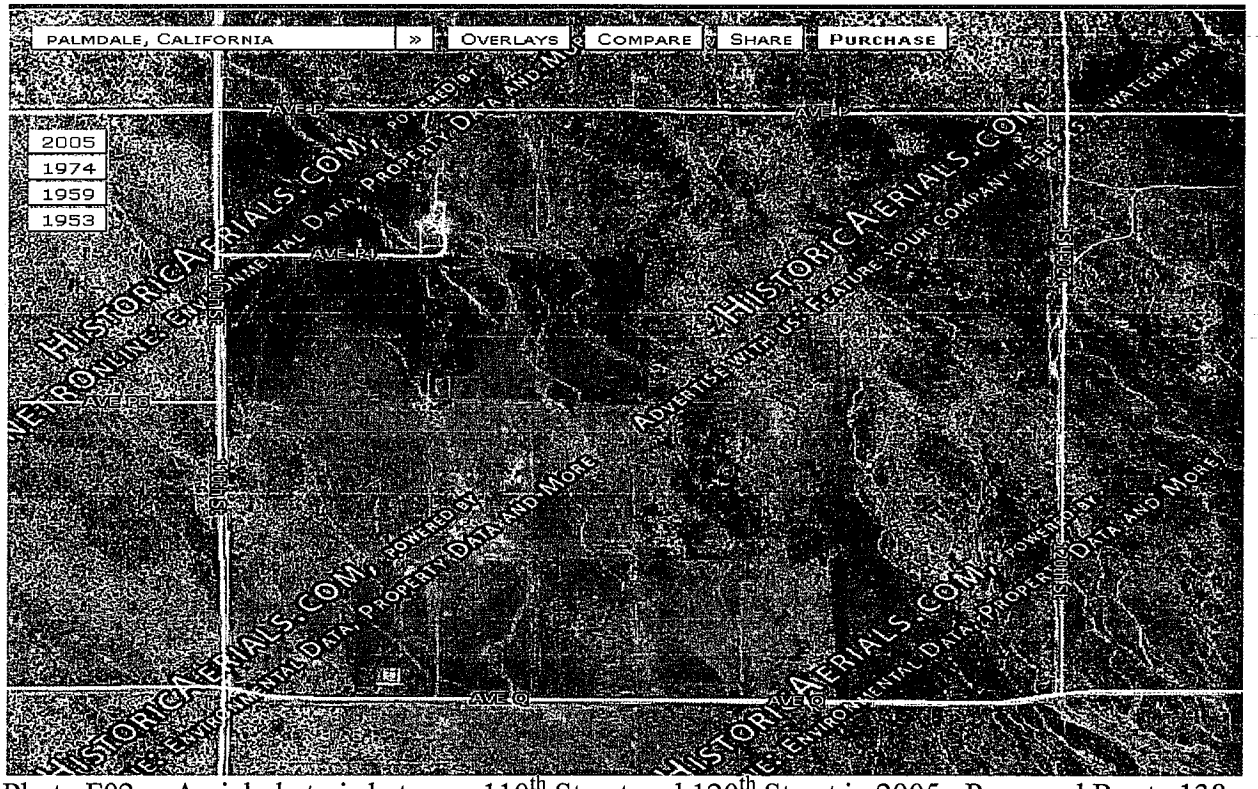


Photo F02a: Aerial photo is between 110th Street and 120th Street in 2005. Proposed Route 138 is between Ave. P and Ave. Q.

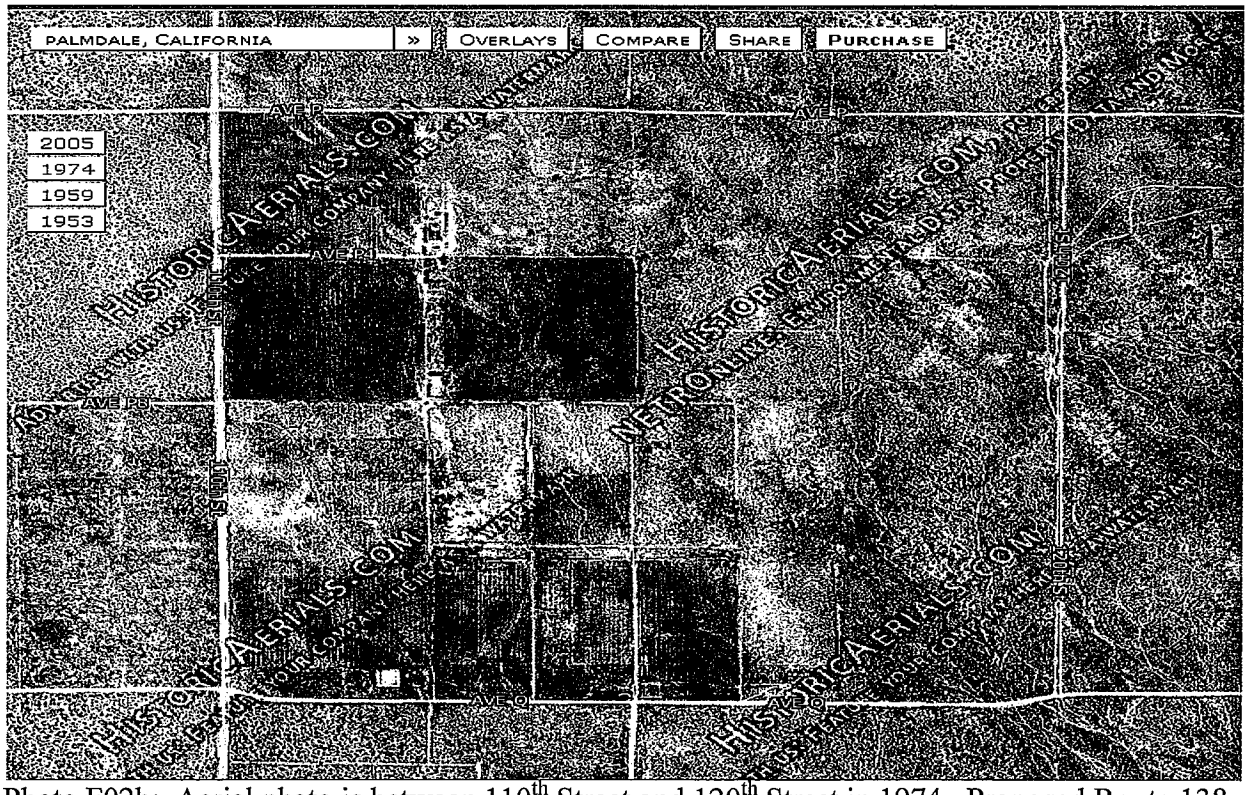


Photo F02b: Aerial photo is between 110th Street and 120th Street in 1974. Proposed Route 138 is between Ave. P and Ave. Q.

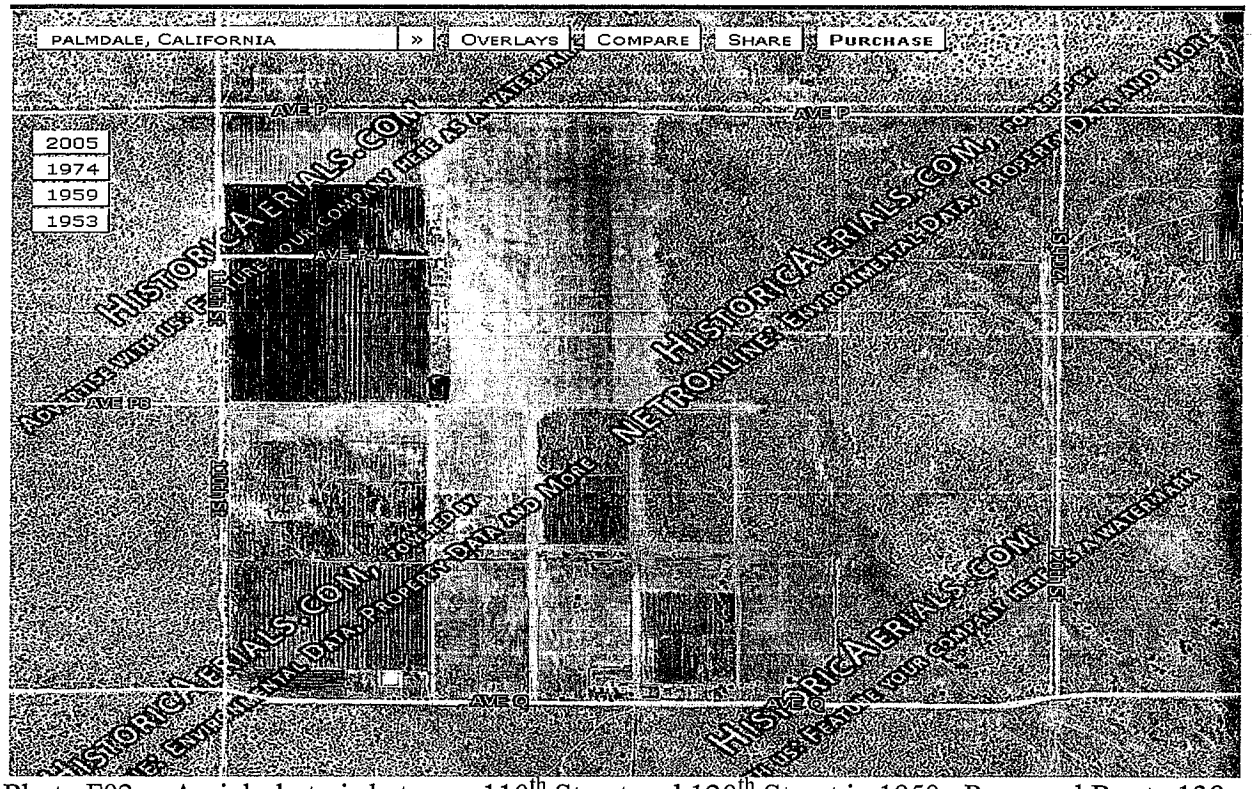


Photo F02c: Aerial photo is between 110th Street and 120th Street in 1959. Proposed Route 138 is between Ave. P and Ave. Q.

Photo F02d: Aerial photo is between 110th Street and 120th Street in 1953. Proposed Route 138 is between Ave. P and Ave. Q.

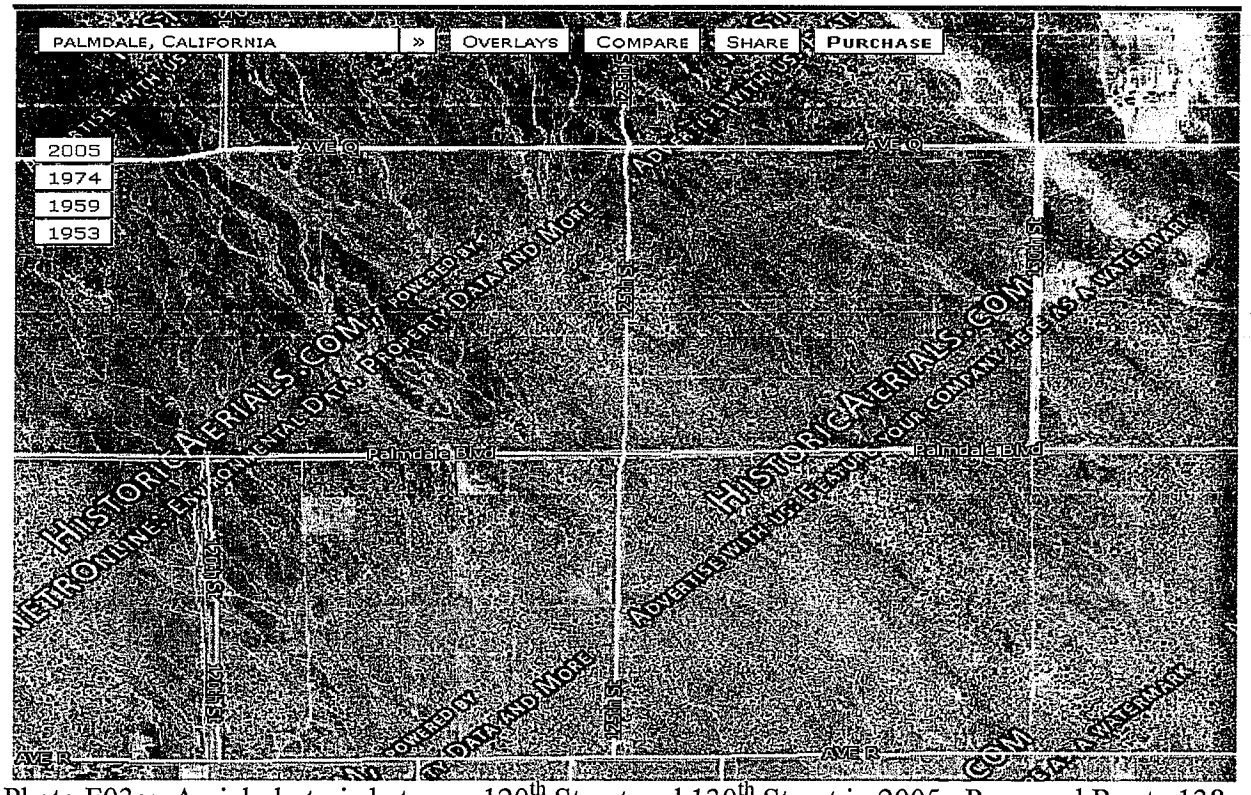


Photo F03a: Aerial photo is between 120th Street and 130th Street in 2005. Proposed Route 138 is between Ave. Q and Ave. R.

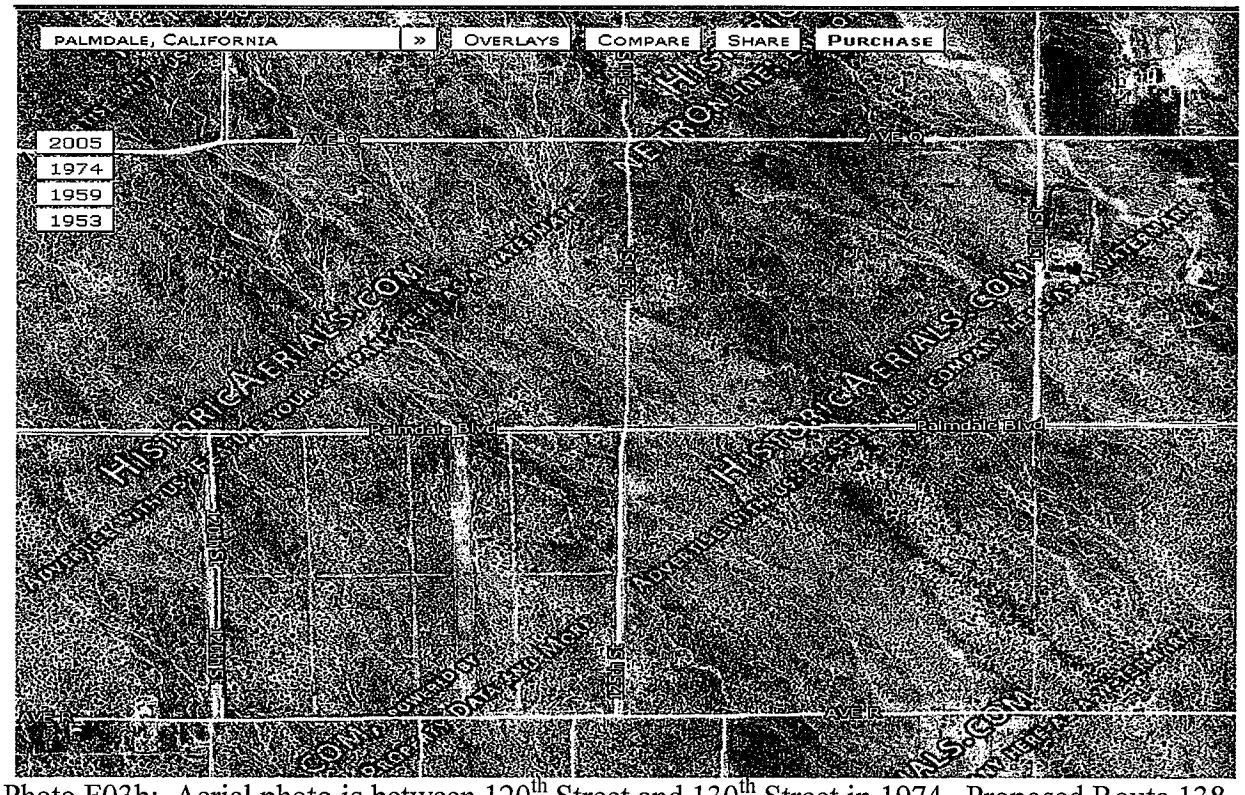


Photo F03b: Aerial photo is between 120th Street and 130th Street in 1974. Proposed Route 138 is between Ave. Q and Ave. R.

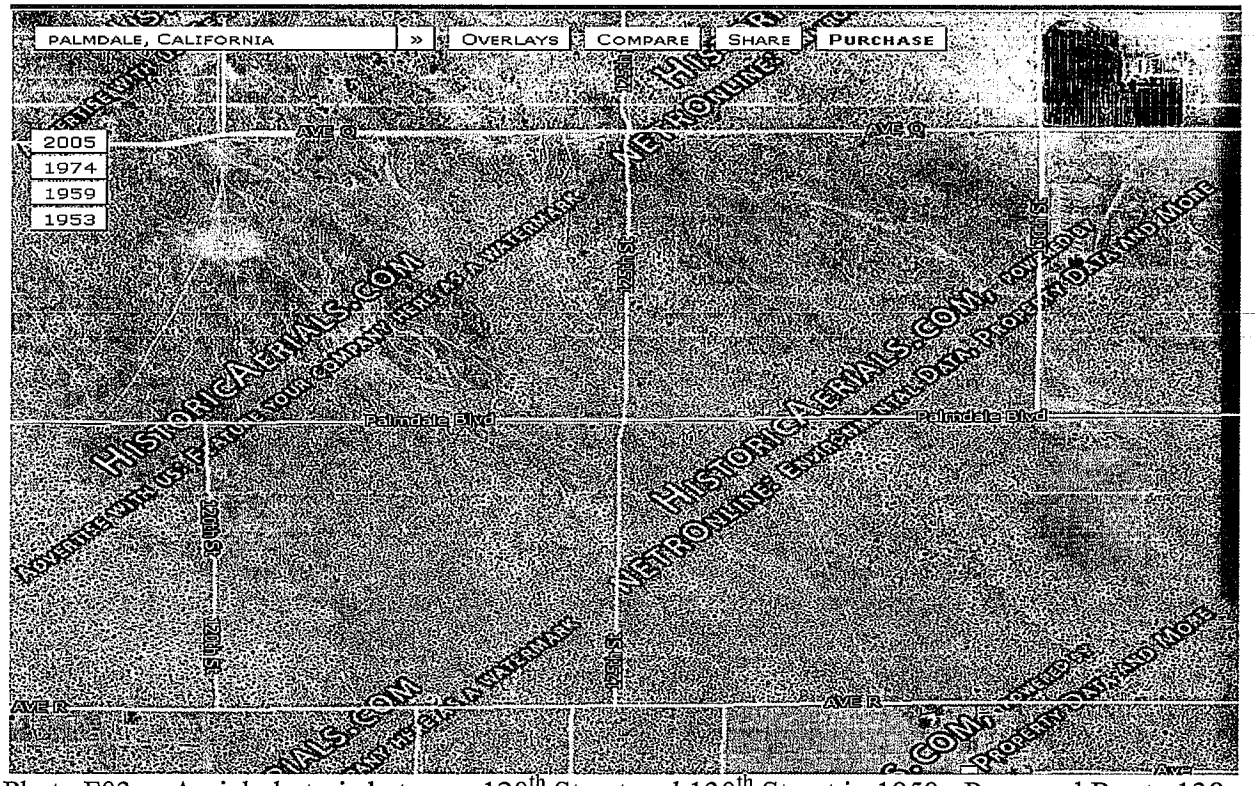


Photo F03c: Aerial photo is between 120th Street and 130th Street in 1959. Proposed Route 138 is between Ave. Q and Ave. R.

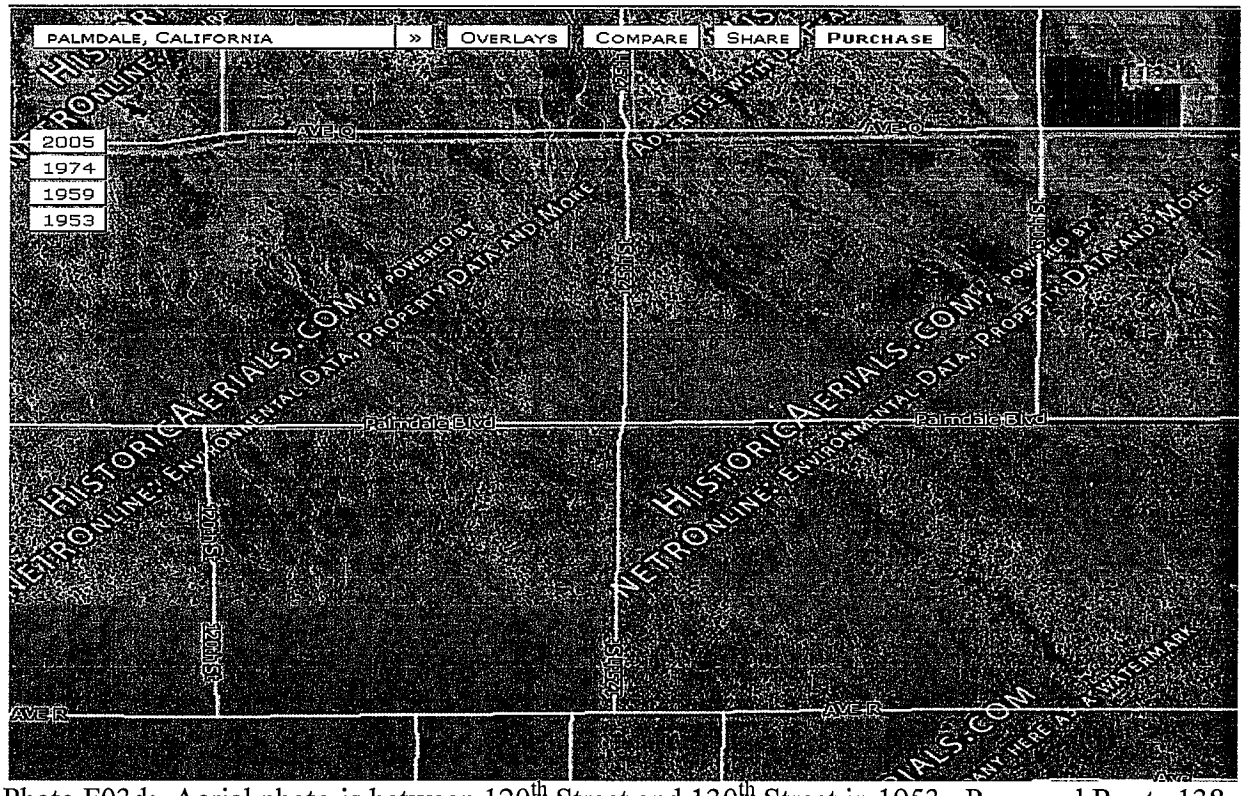


Photo F03d: Aerial photo is between 120th Street and 130th Street in 1953. Proposed Route 138 is between Ave. Q and Ave. R.

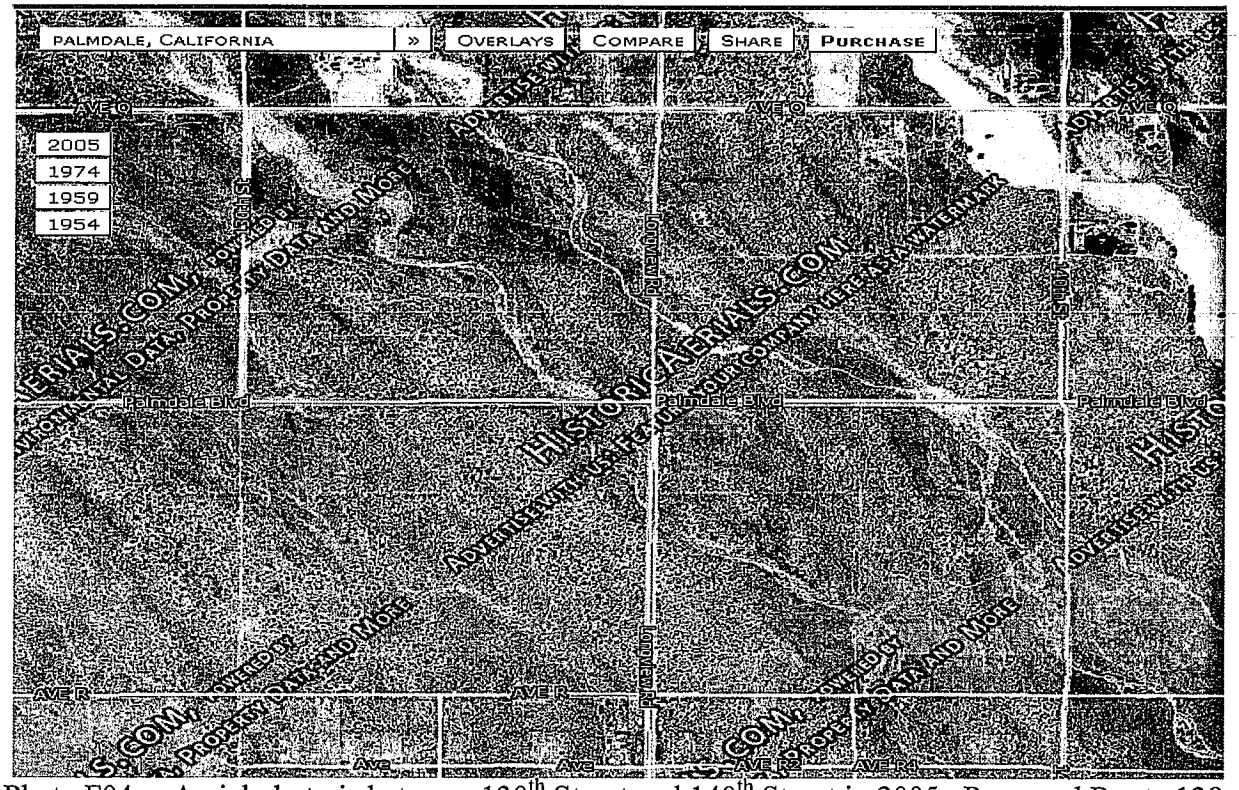


Photo F04a: Aerial photo is between 130th Street and 140th Street in 2005. Proposed Route 138 is between Ave. Q and Ave. R.

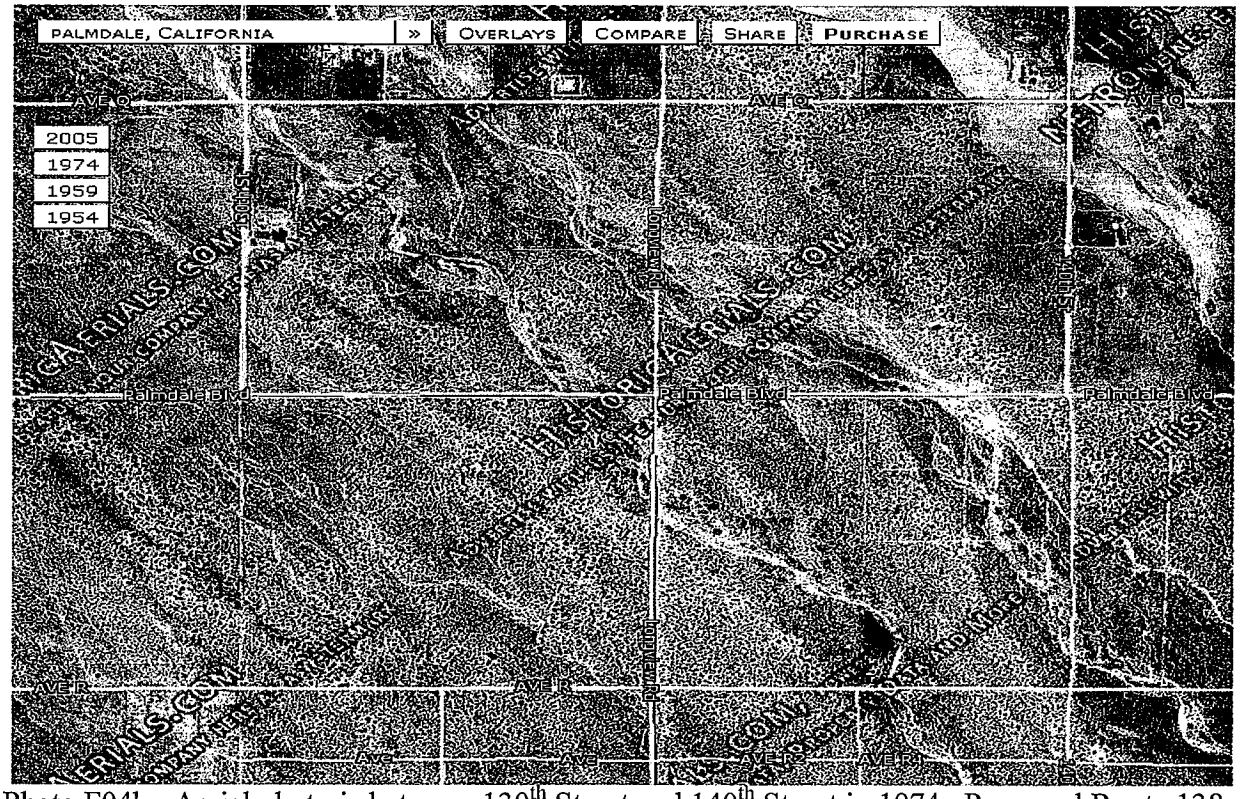


Photo F04b: Aerial photo is between 130th Street and 140th Street in 1974. Proposed Route 138 is between Ave. Q and Ave. R.

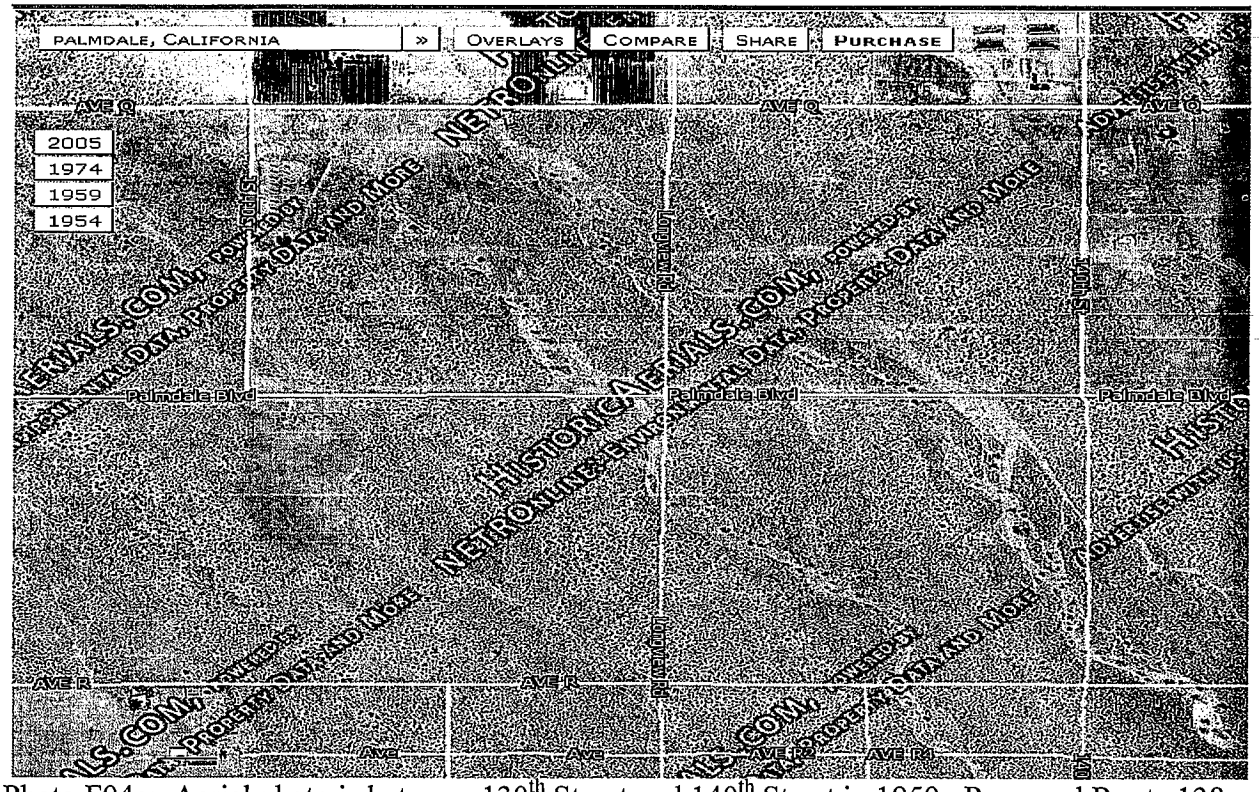


Photo F04c: Aerial photo is between 130th Street and 140th Street in 1959. Proposed Route 138 is between Ave. Q and Ave. R.

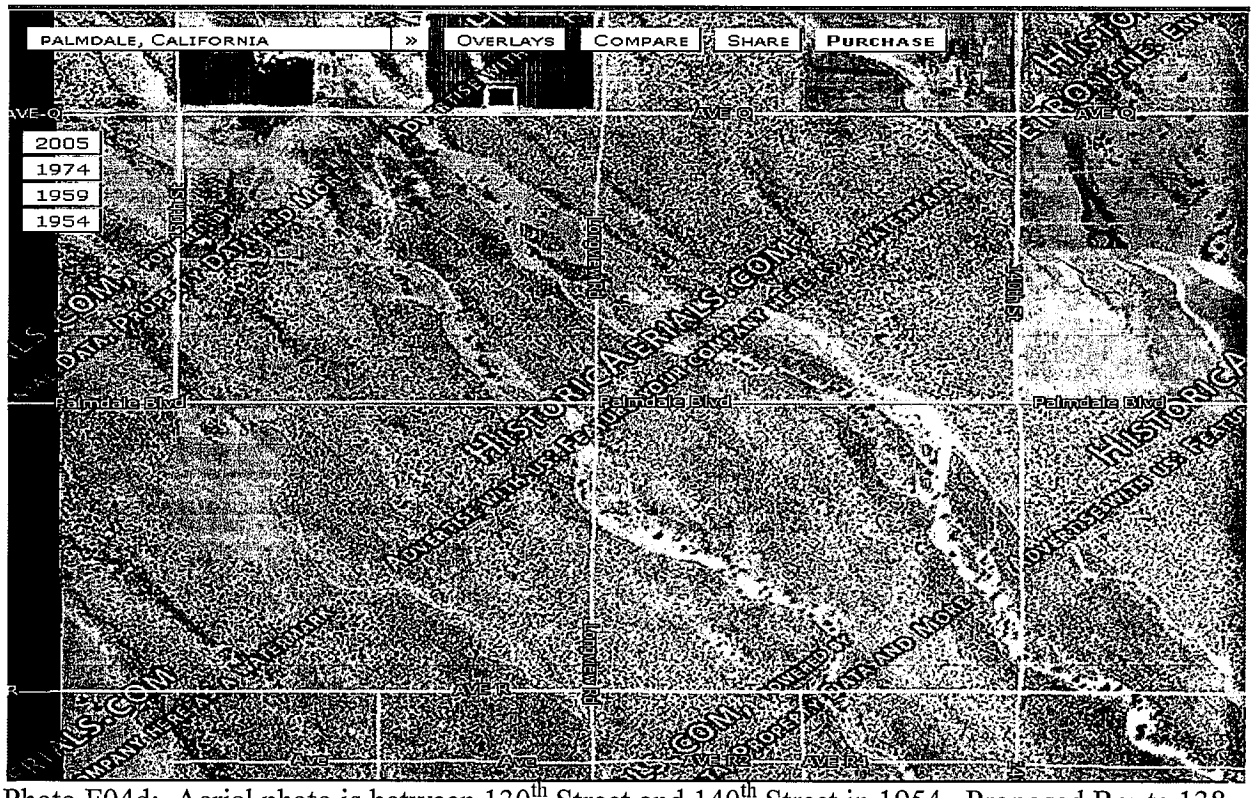


Photo F04d: Aerial photo is between 130th Street and 140th Street in 1954. Proposed Route 138 is between Ave. Q and Ave. R.

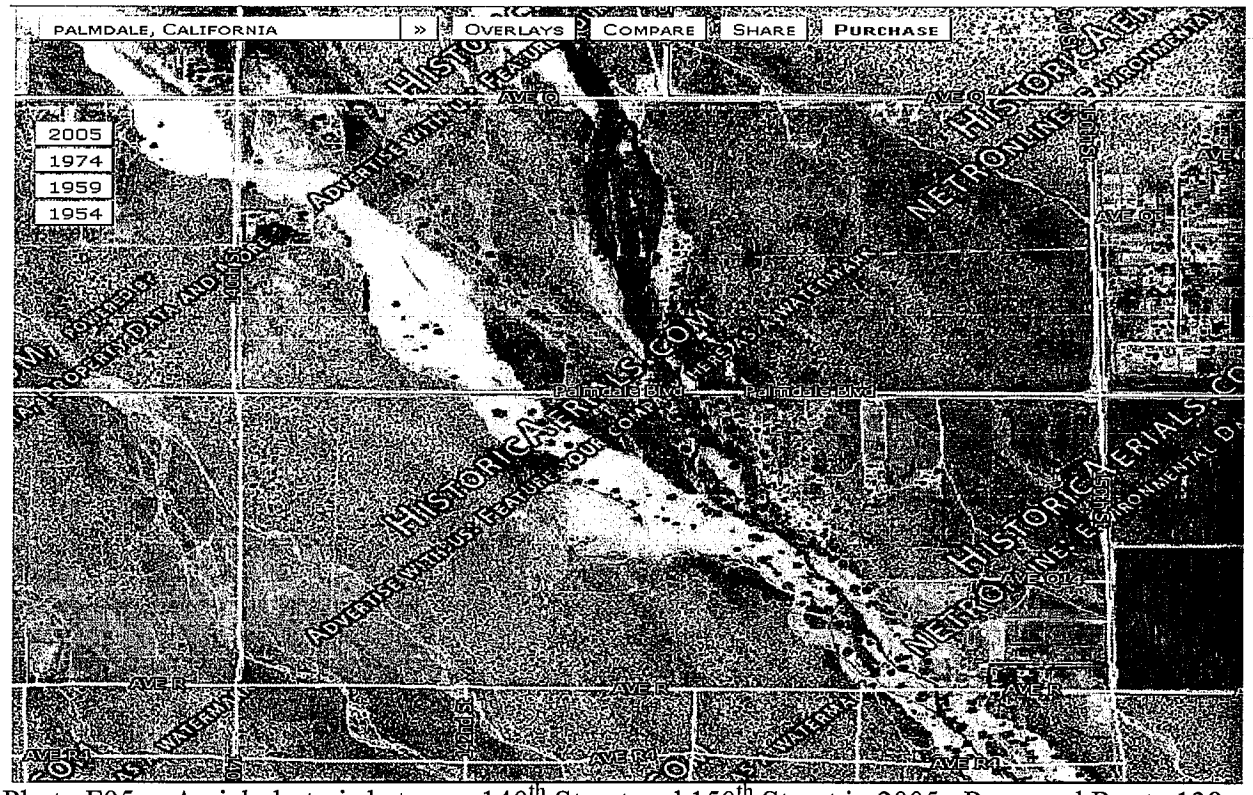


Photo F05a: Aerial photo is between 140th Street and 150th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

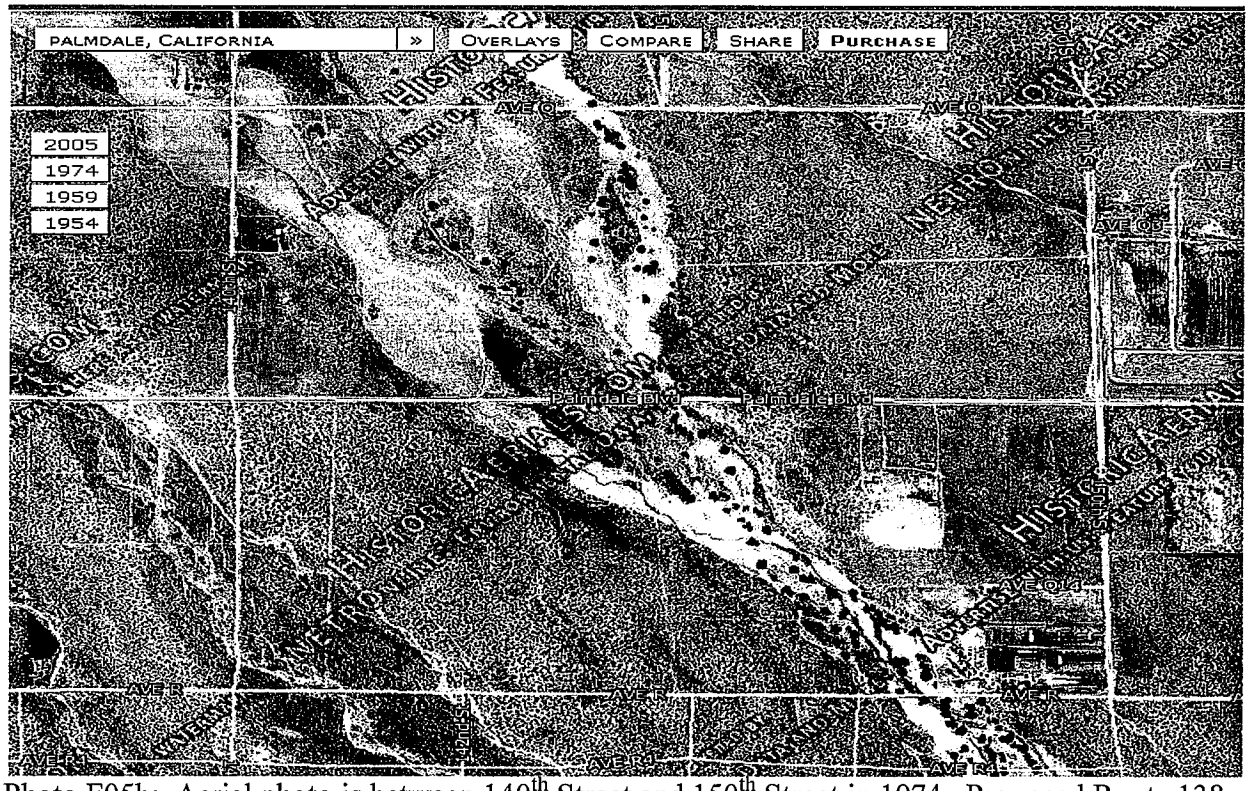


Photo F05b: Aerial photo is between 140th Street and 150th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

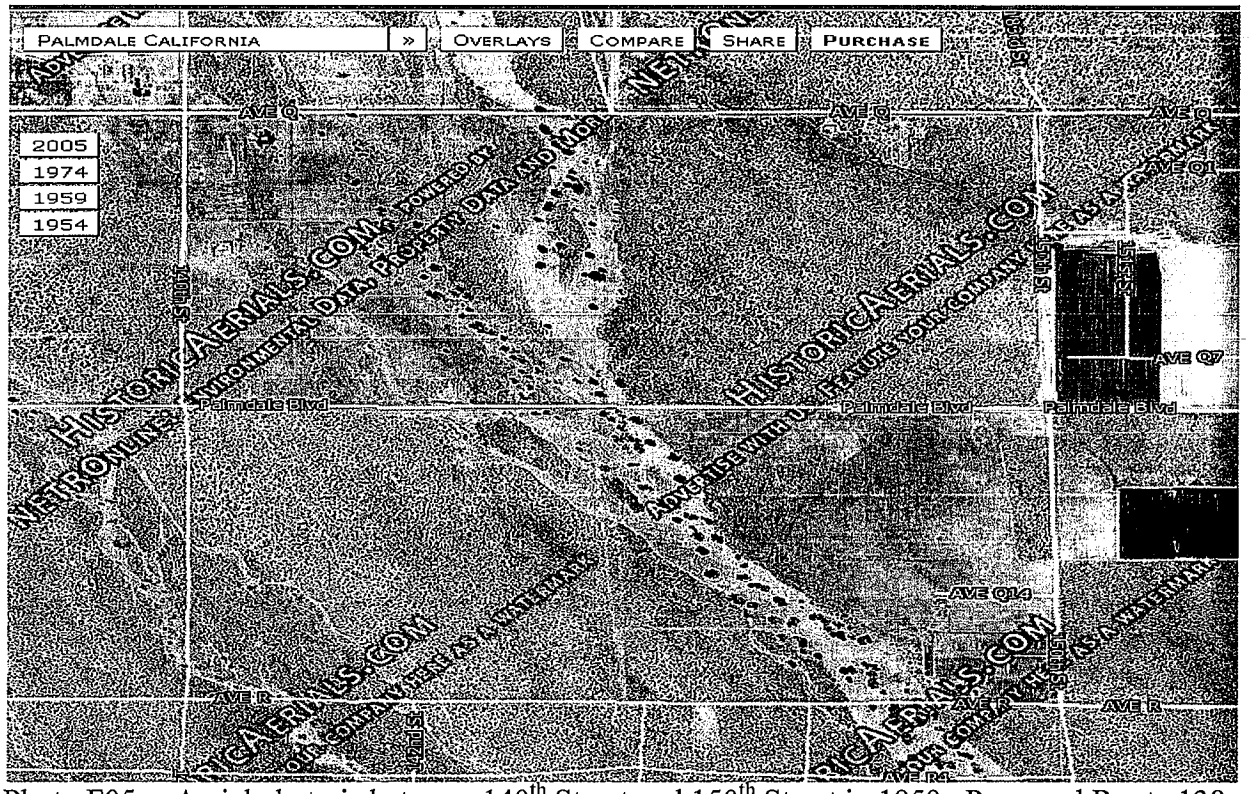


Photo F05c: Aerial photo is between 140th Street and 150th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

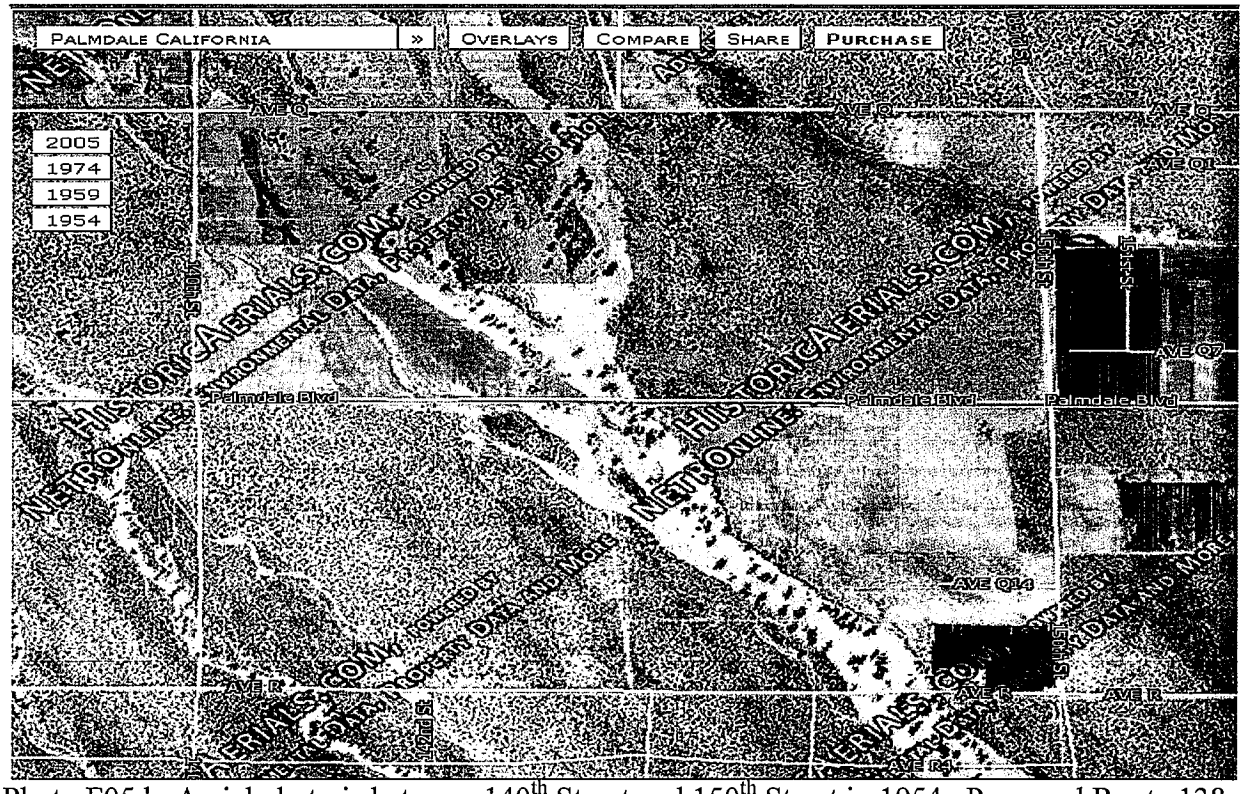


Photo F05d: Aerial photo is between 140th Street and 150th Street in 1954. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

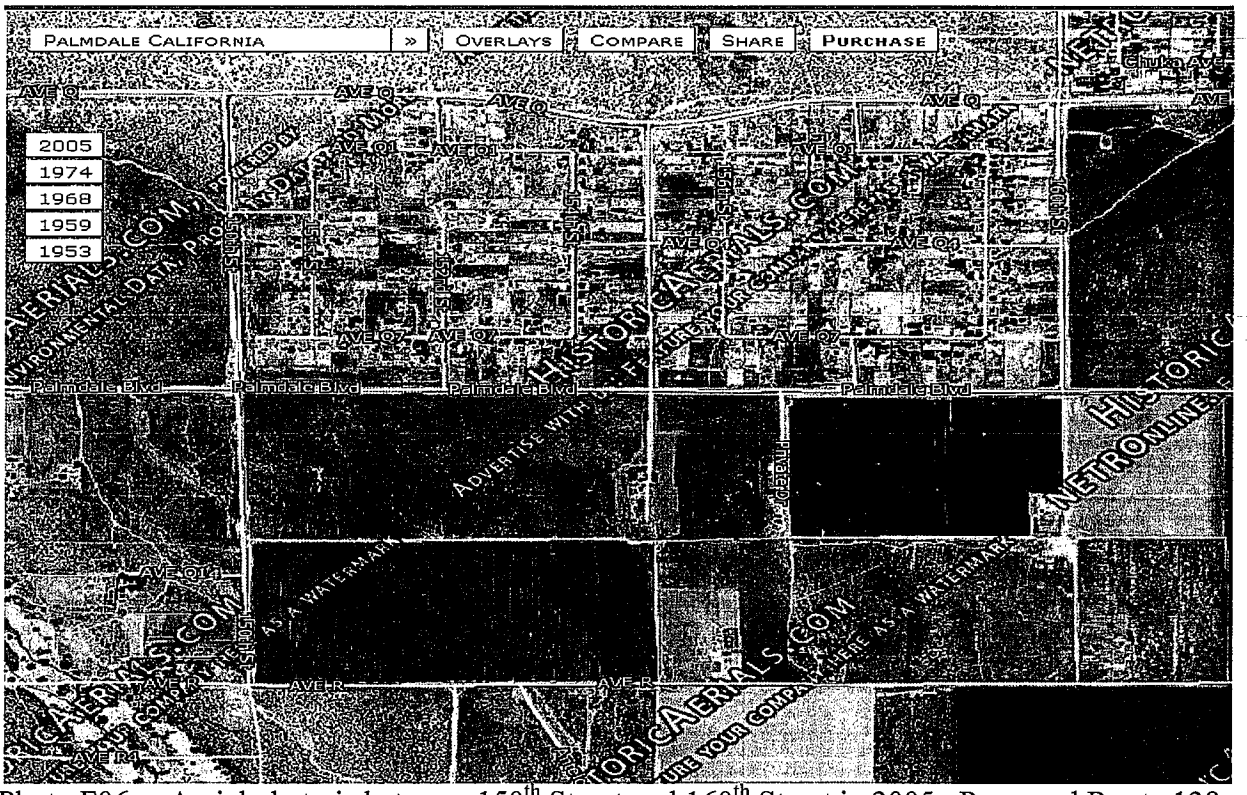


Photo F06a: Aerial photo is between 150th Street and 160th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

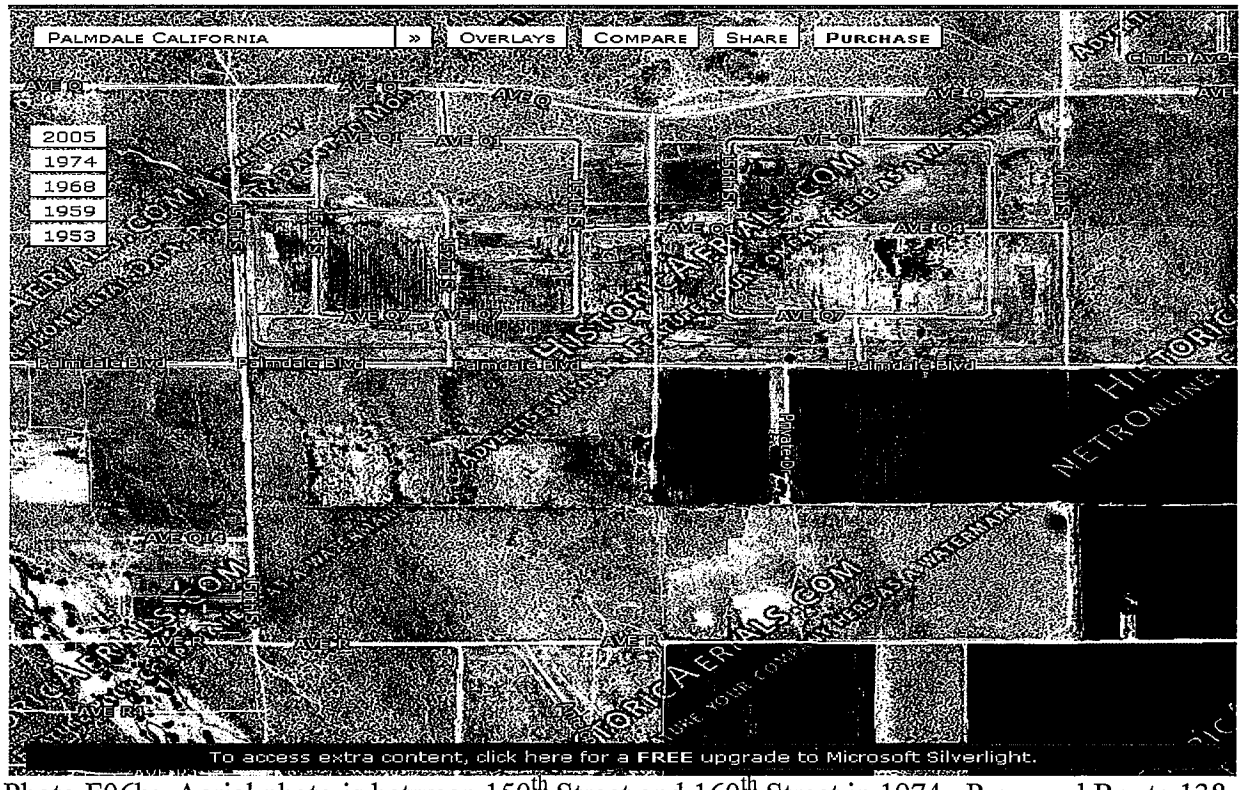


Photo F06b: Aerial photo is between 150th Street and 160th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

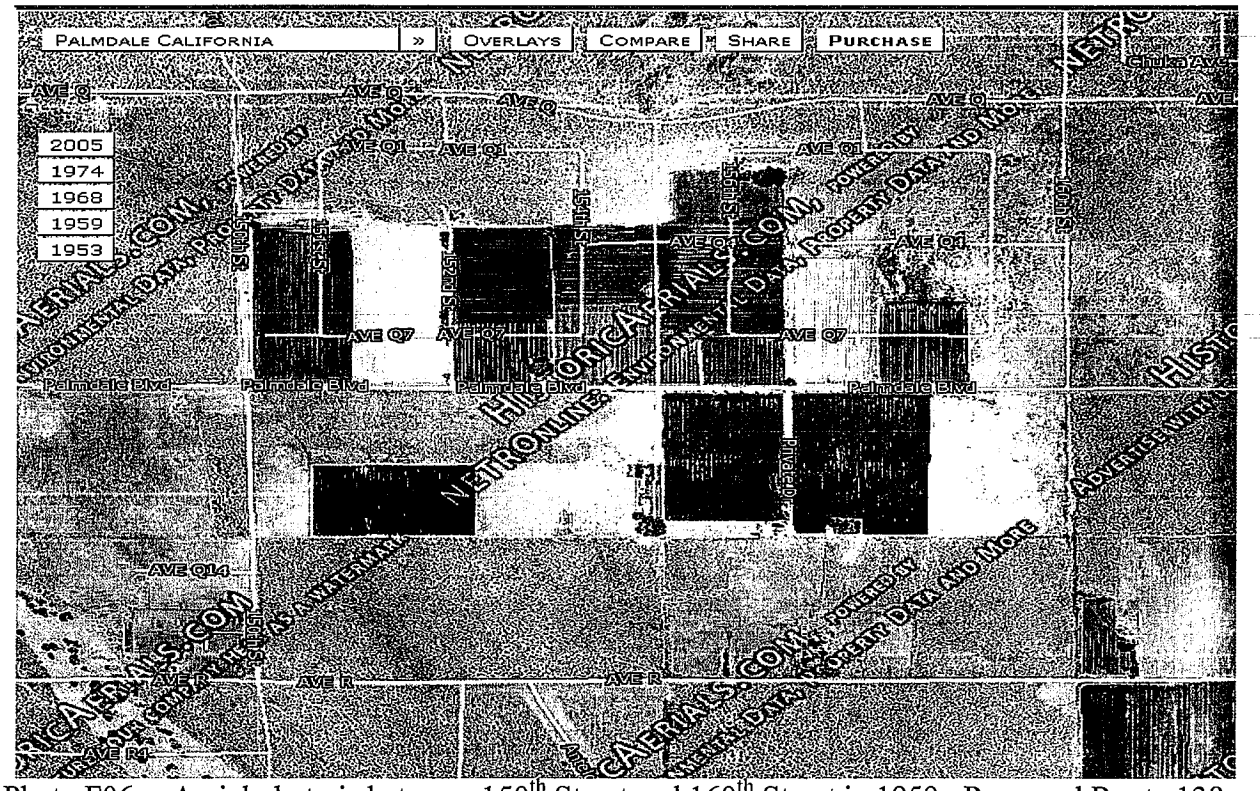


Photo F06c: Aerial photo is between 150th Street and 160th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

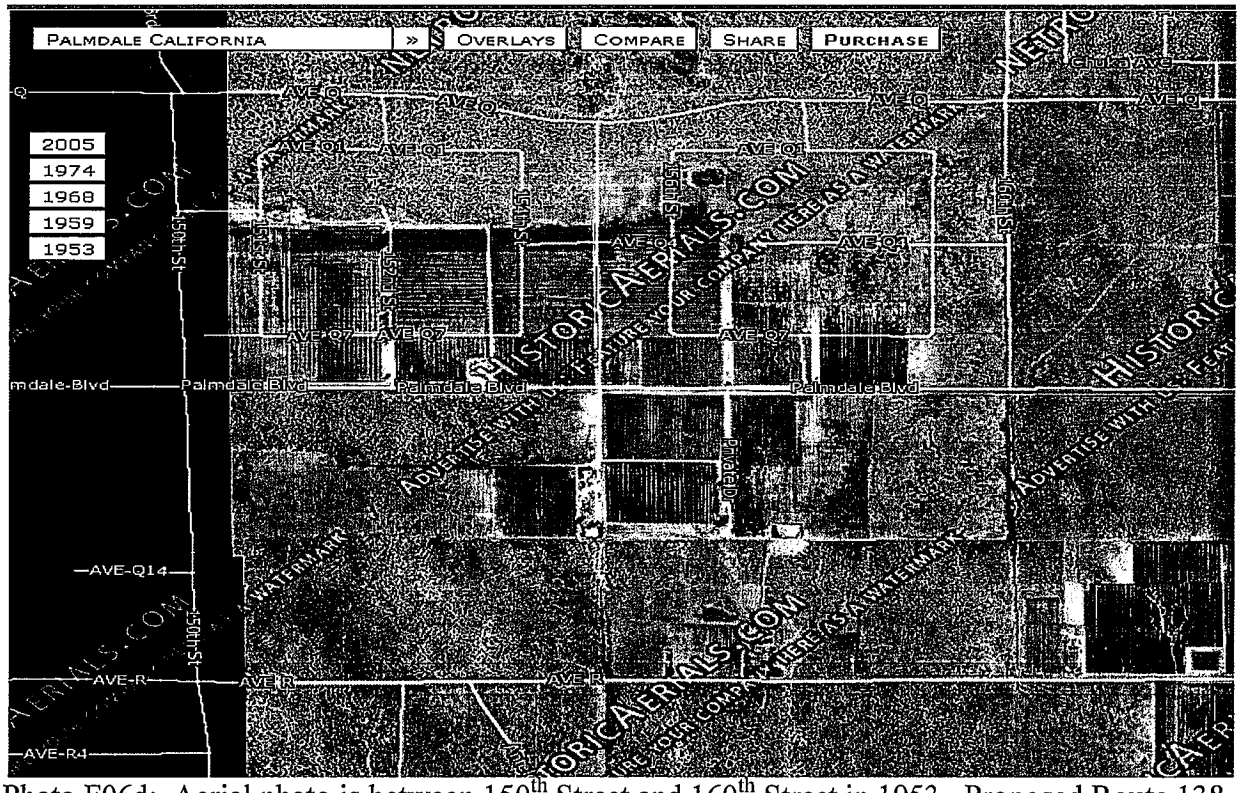


Photo F06d: Aerial photo is between 150th Street and 160th Street in 1953. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

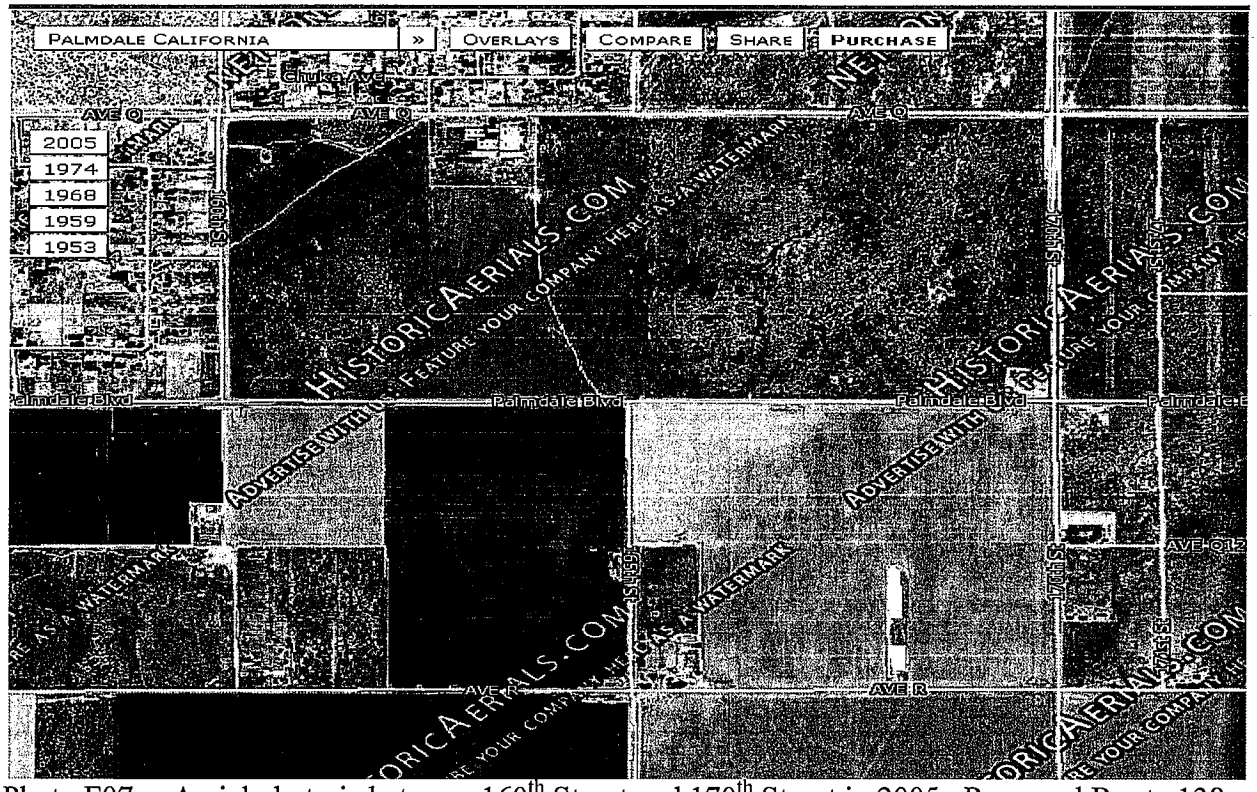


Photo F07a: Aerial photo is between 160th Street and 170th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

Photo F07b: Aerial photo is between 160th Street and 170th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

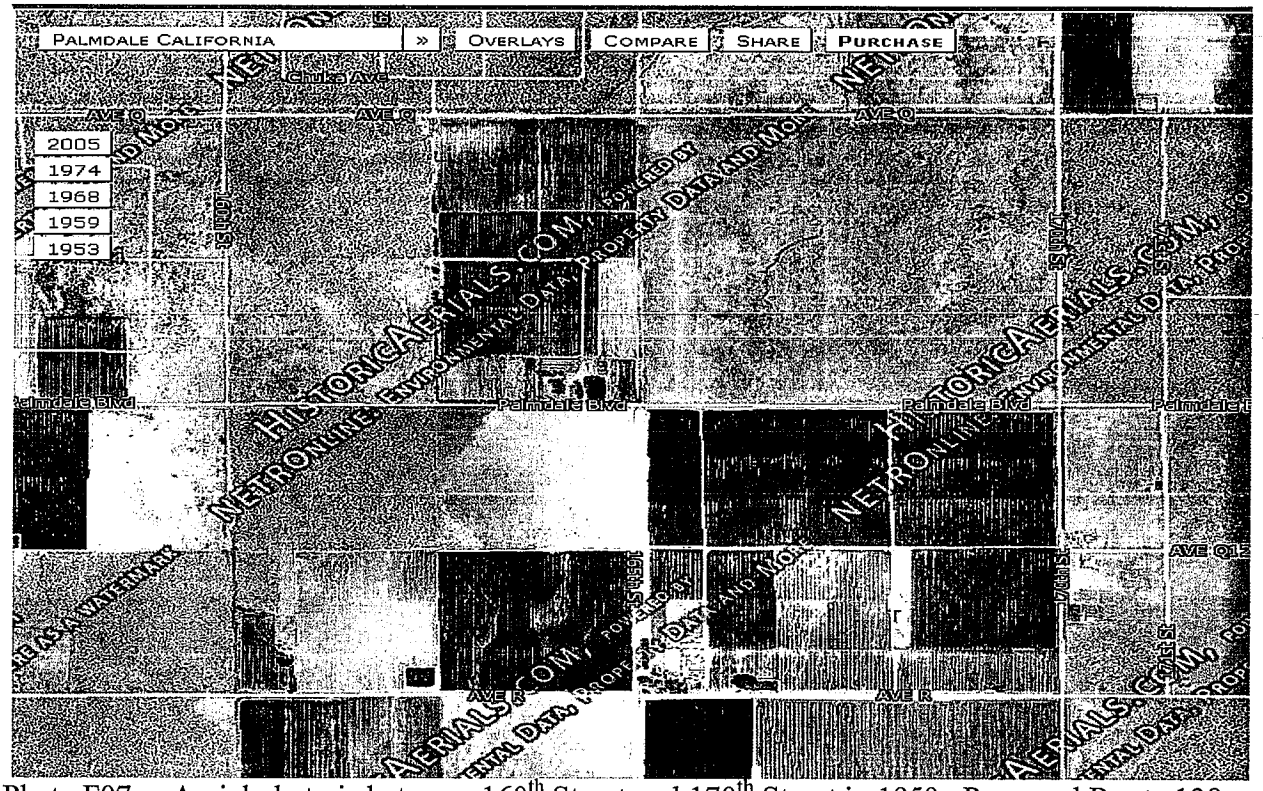


Photo F07c: Aerial photo is between 160th Street and 170th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

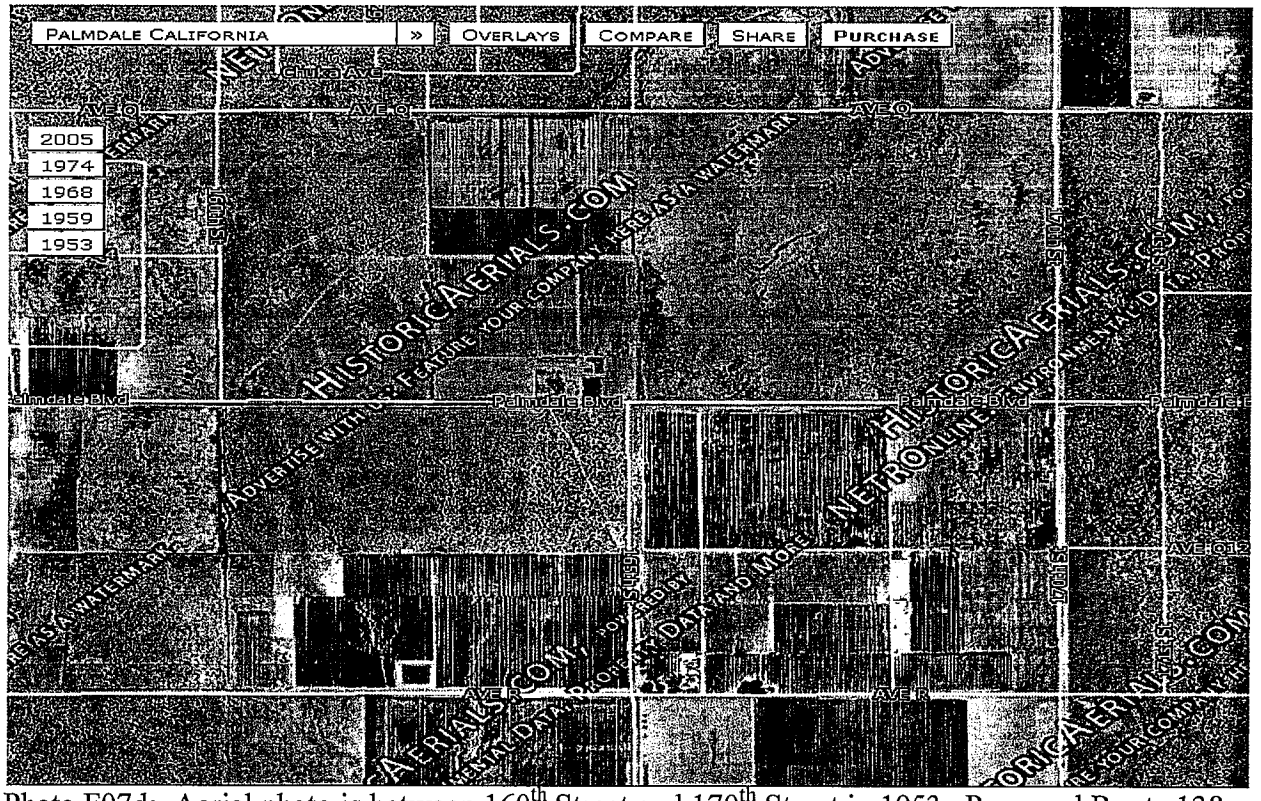


Photo F07d: Aerial photo is between 160th Street and 170th Street in 1953. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

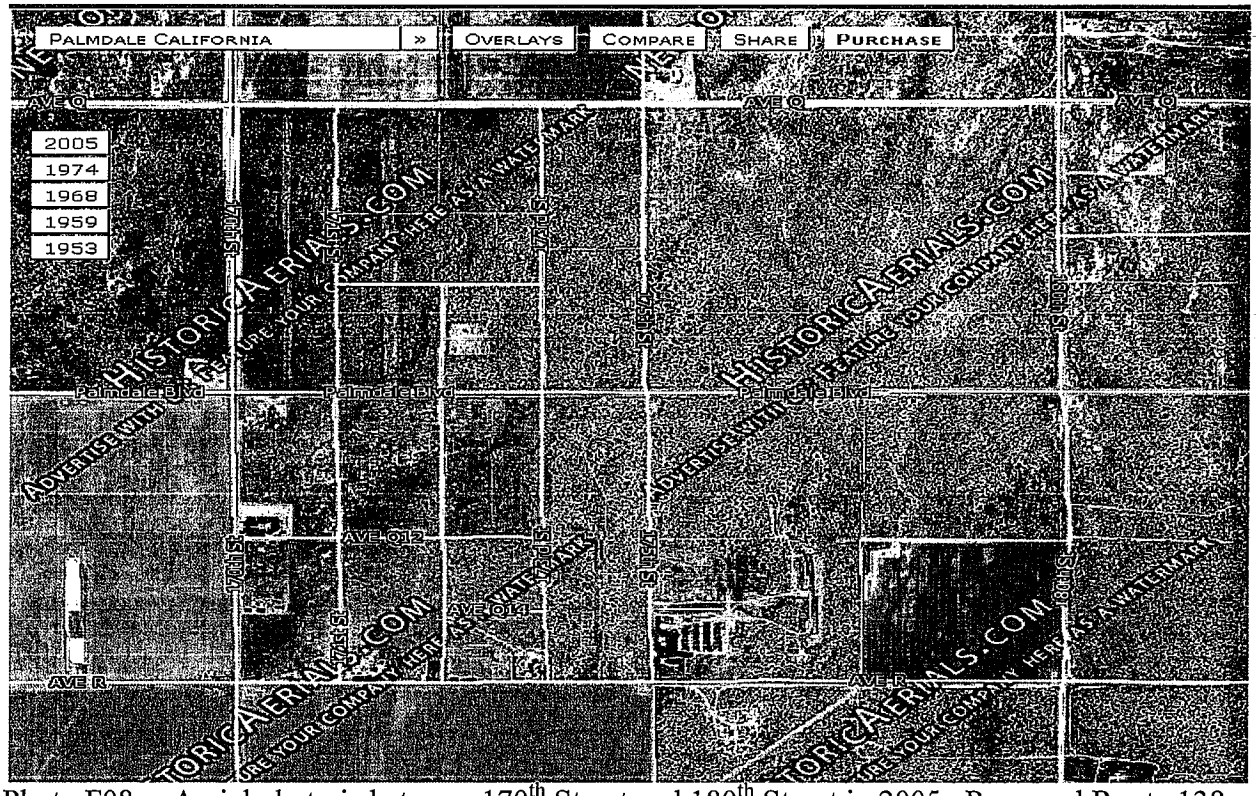


Photo F08a: Aerial photo is between 170th Street and 180th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

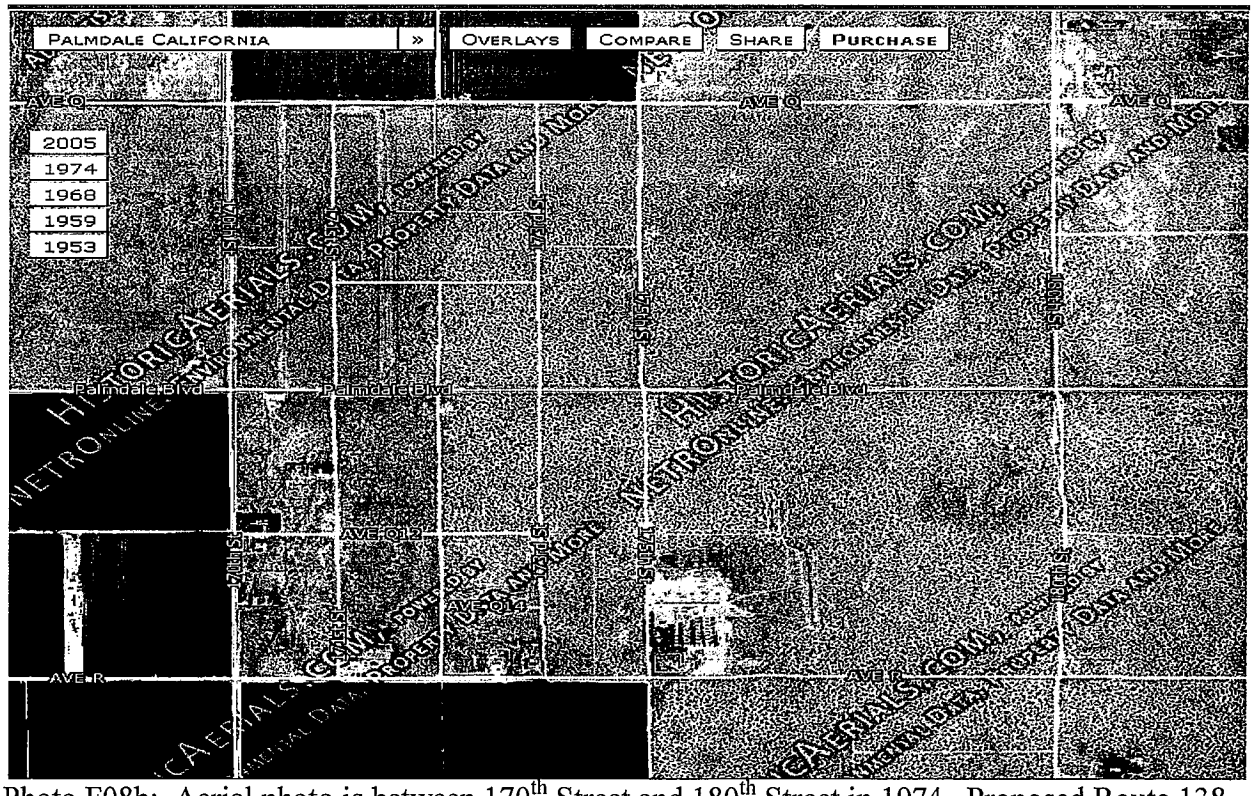


Photo F08b: Aerial photo is between 170th Street and 180th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

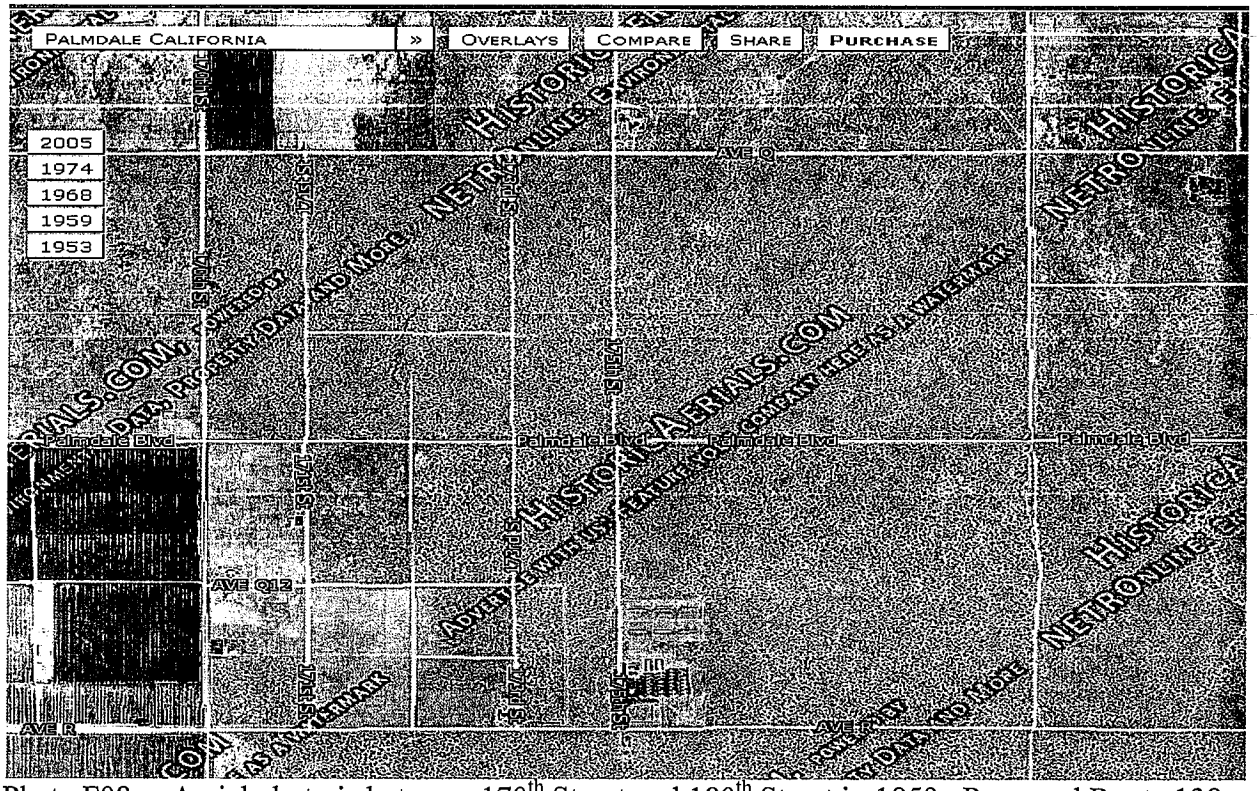


Photo F08c: Aerial photo is between 170th Street and 180th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

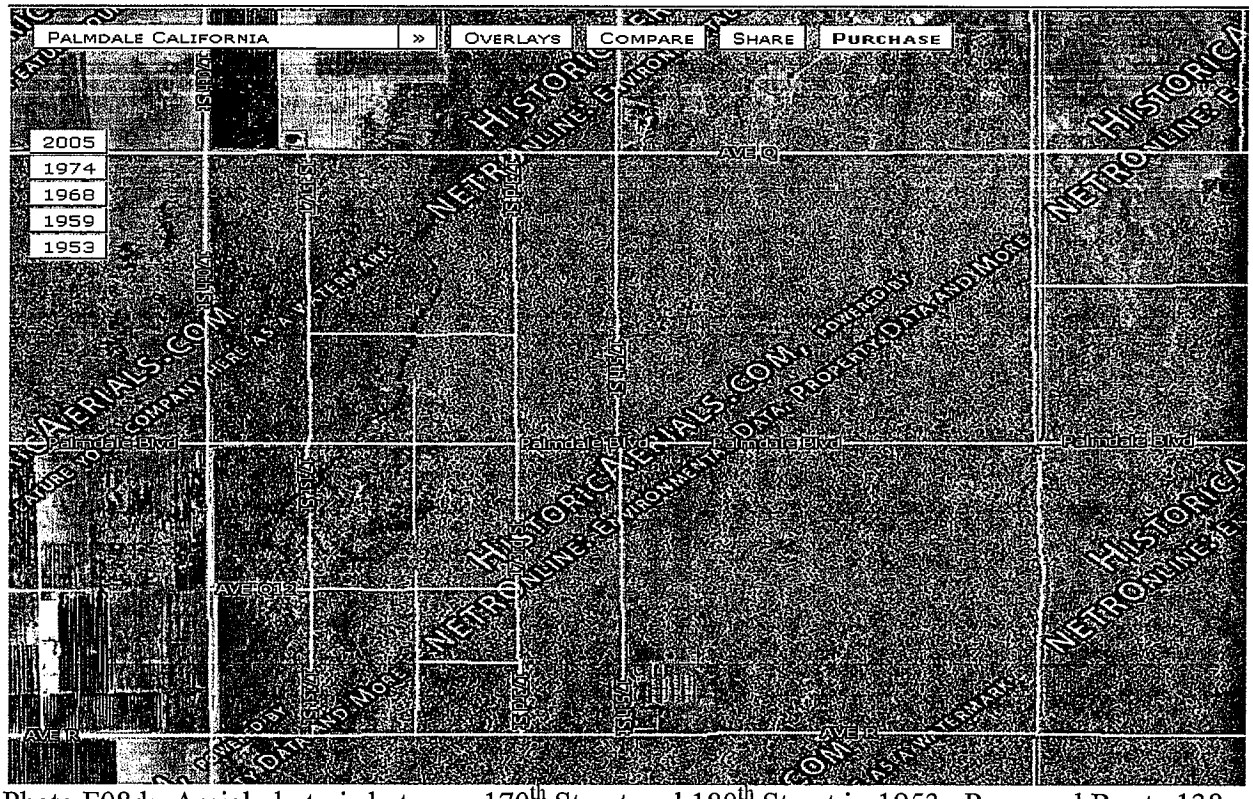


Photo F08d: Aerial photo is between 170th Street and 180th Street in 1953. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

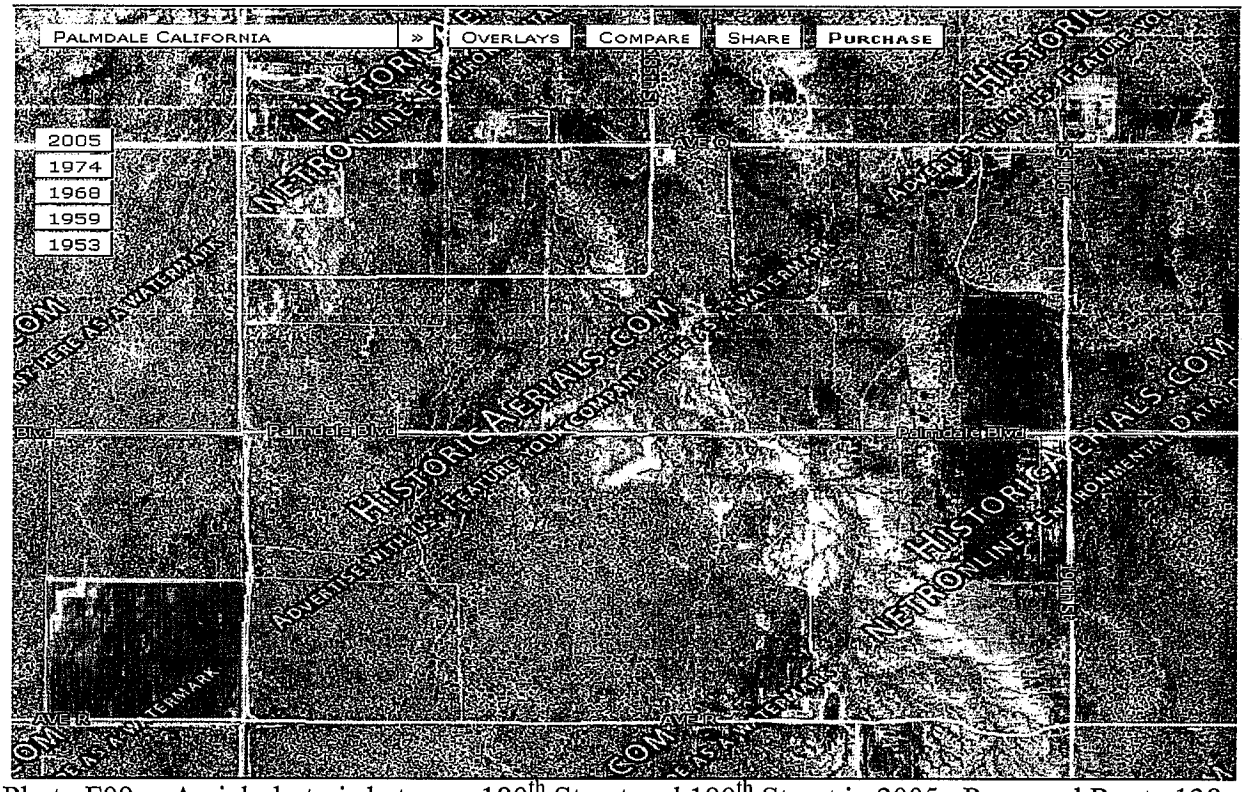


Photo F09a: Aerial photo is between 180th Street and 190th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

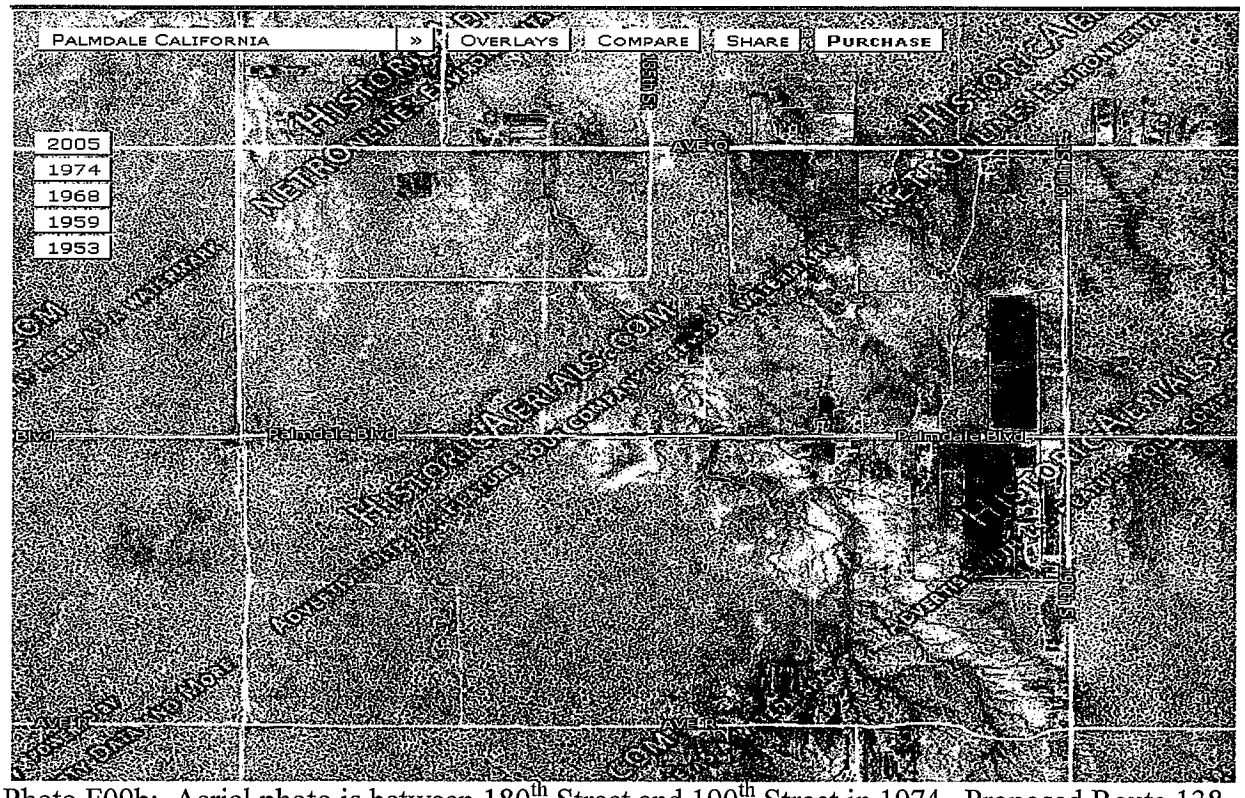


Photo F09b: Aerial photo is between 180th Street and 190th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

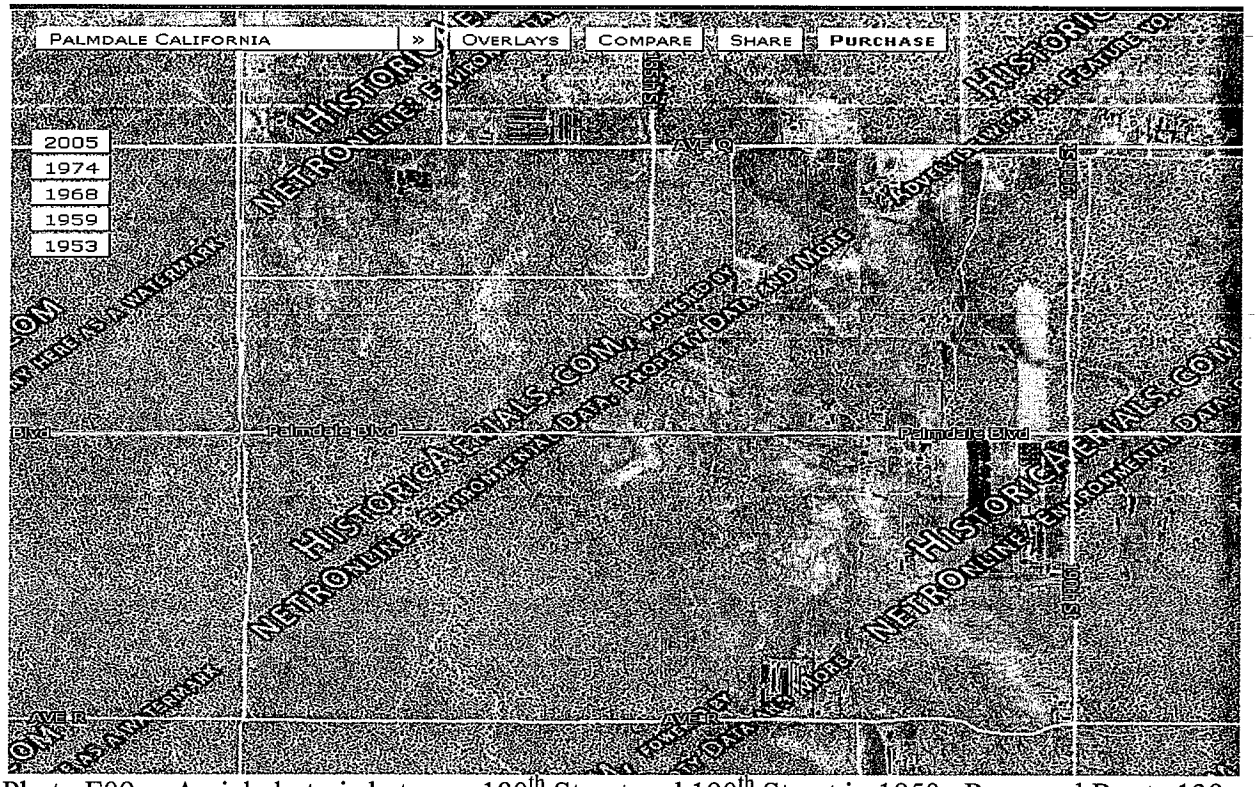


Photo F09c: Aerial photo is between 180th Street and 190th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

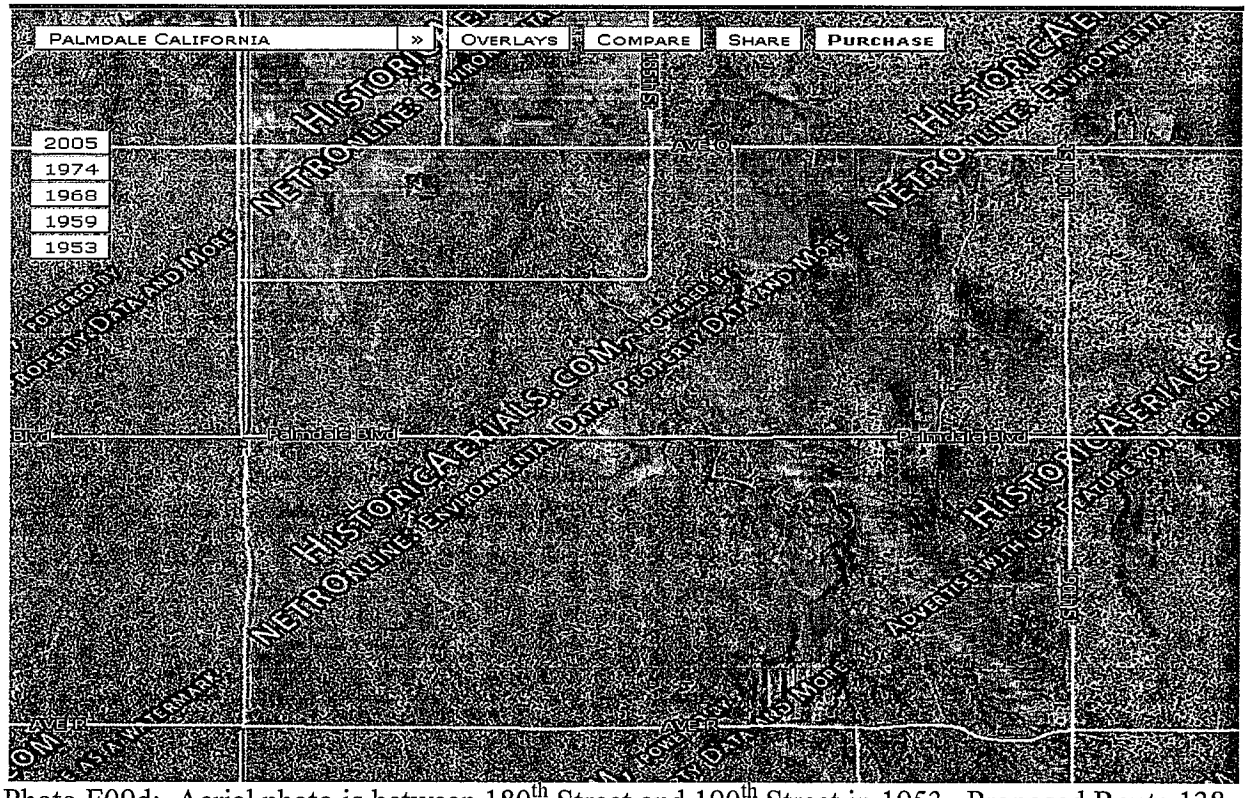


Photo F09d: Aerial photo is between 180th Street and 190th Street in 1953. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

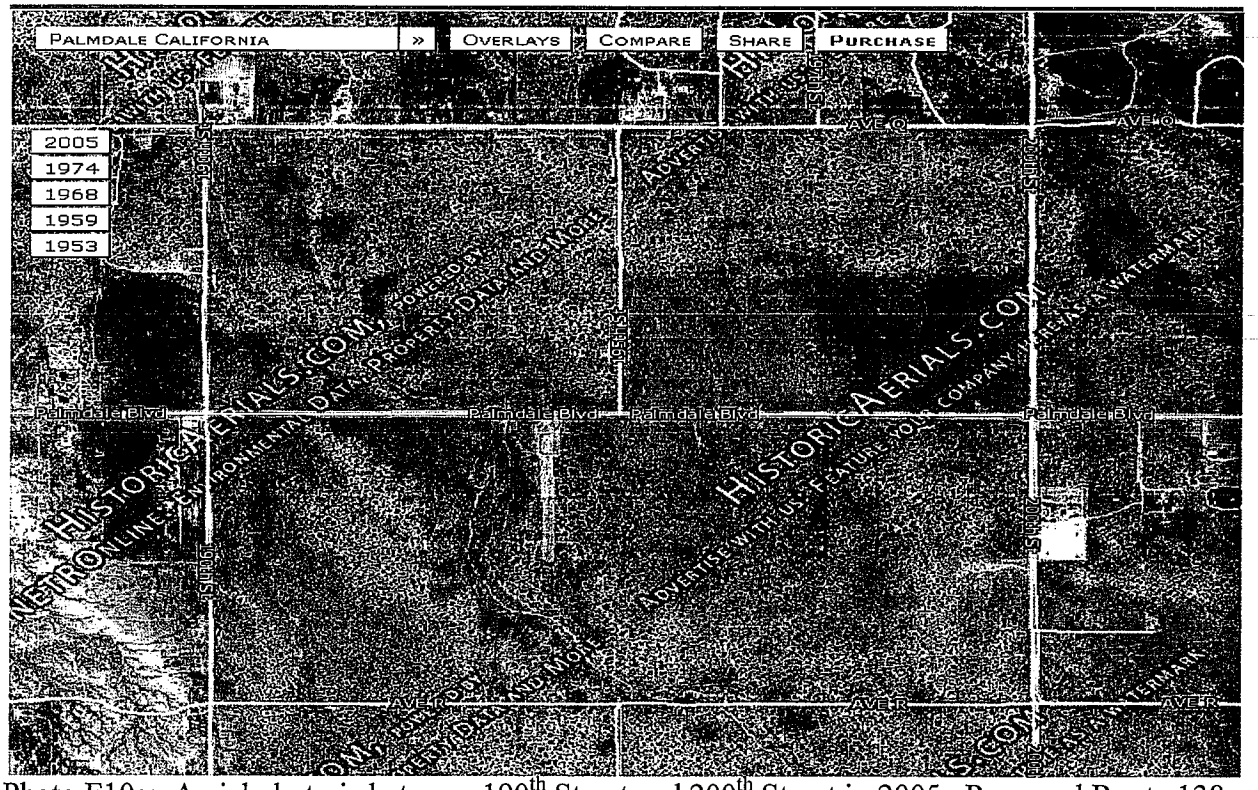


Photo F10a: Aerial photo is between 190th Street and 200th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

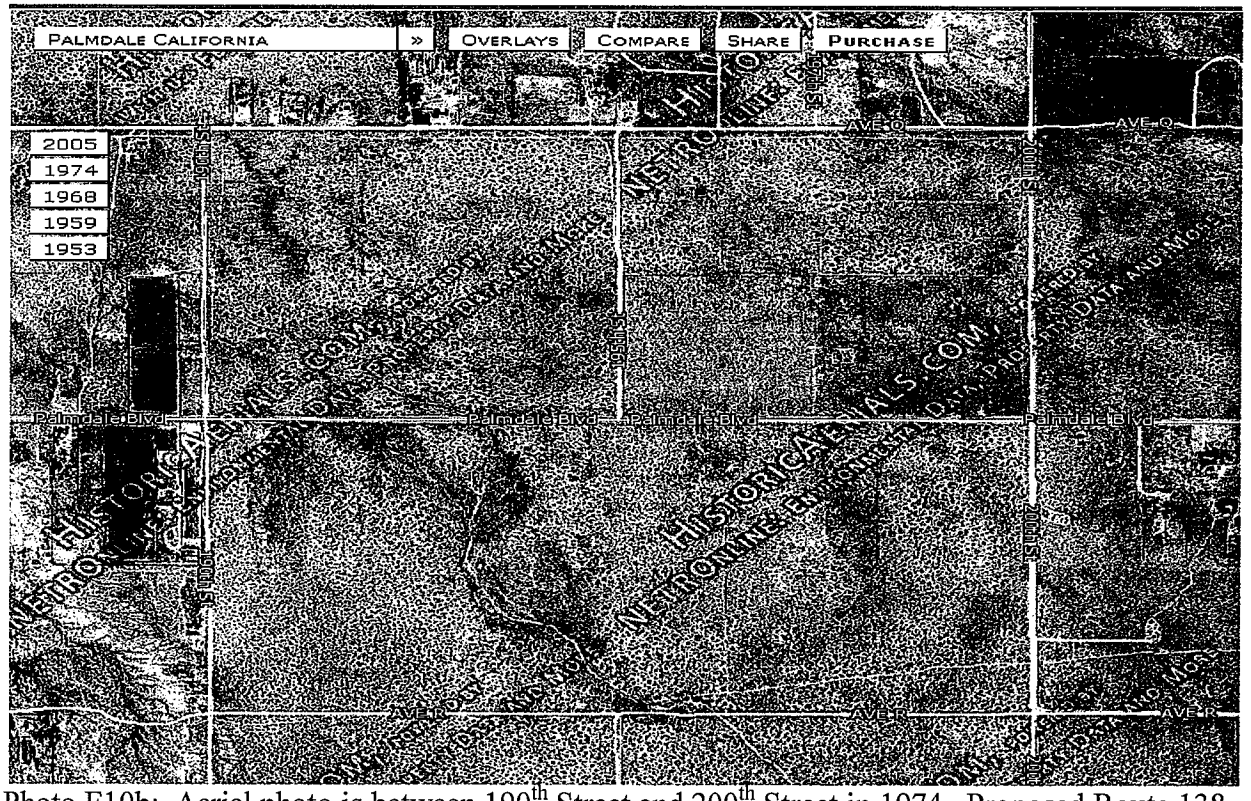


Photo F10b: Aerial photo is between 190th Street and 200th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

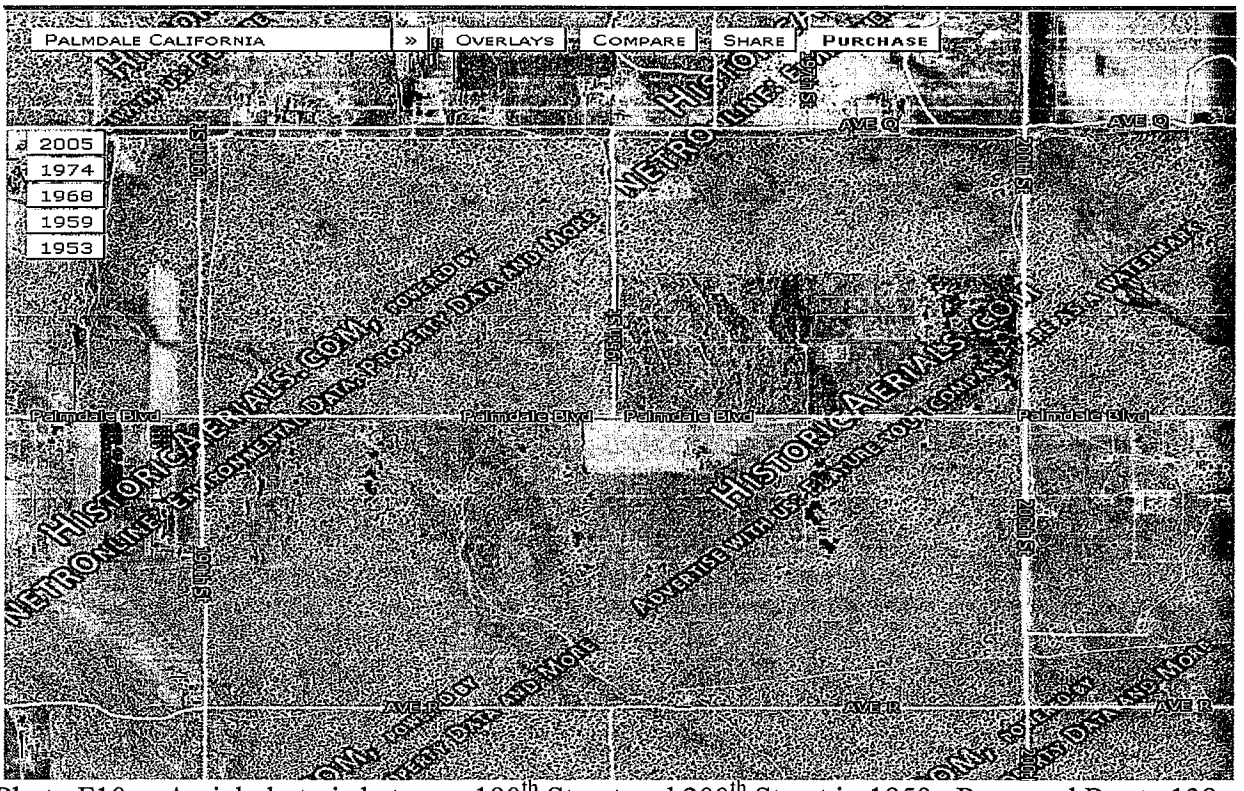


Photo F10c: Aerial photo is between 190th Street and 200th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

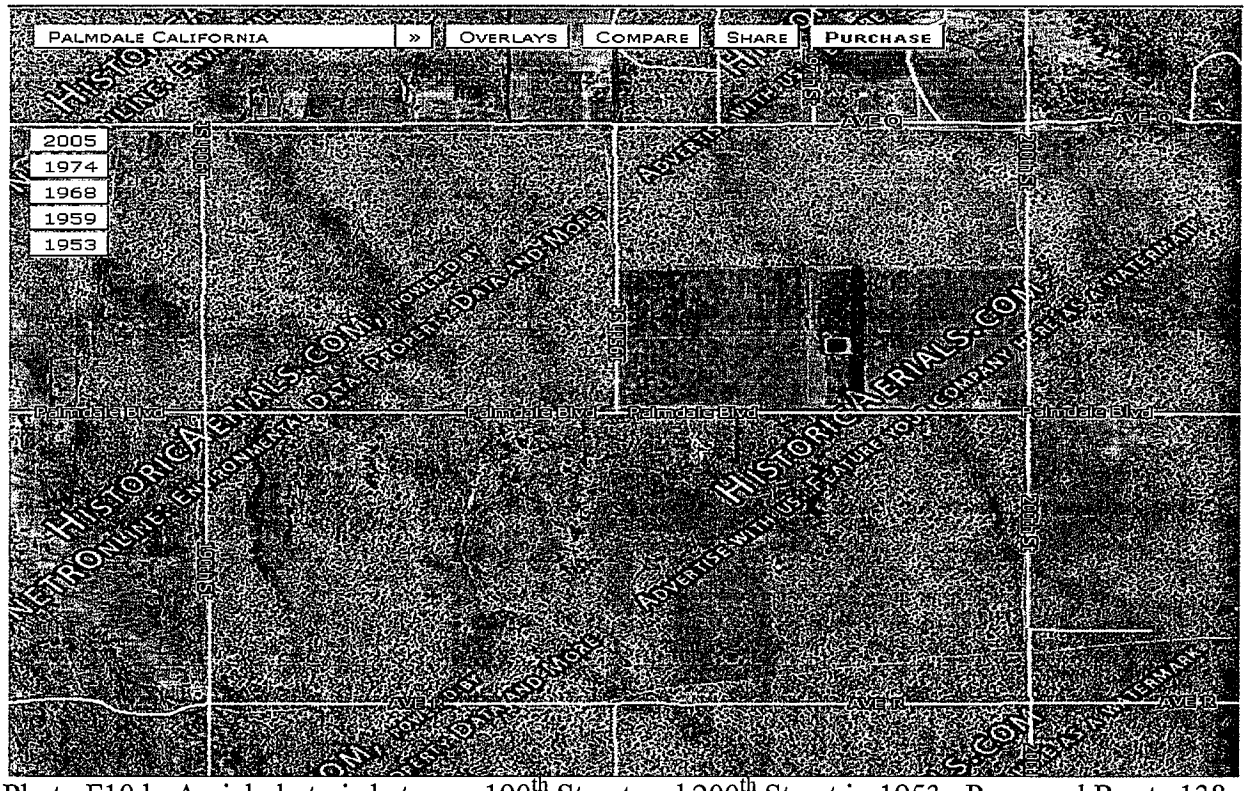


Photo F10d: Aerial photo is between 190th Street and 200th Street in 1953. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

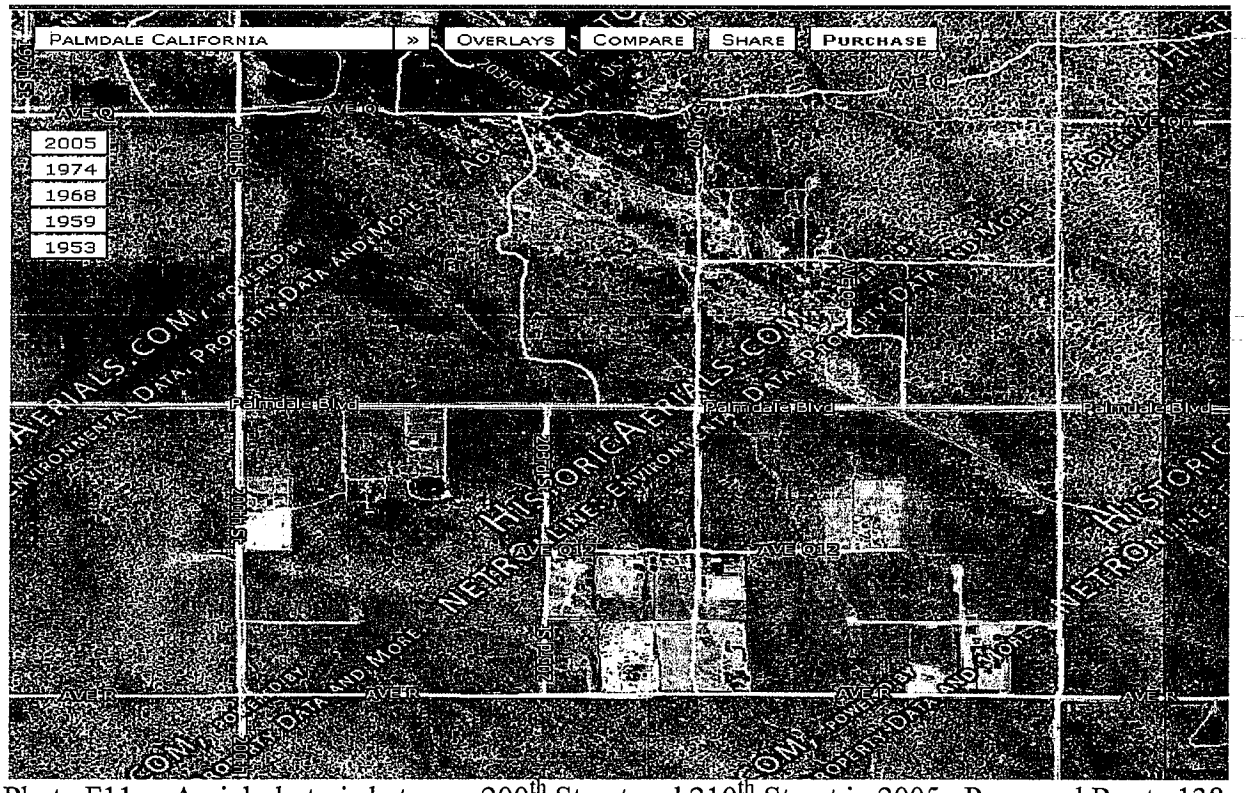


Photo F11a: Aerial photo is between 200th Street and 210th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

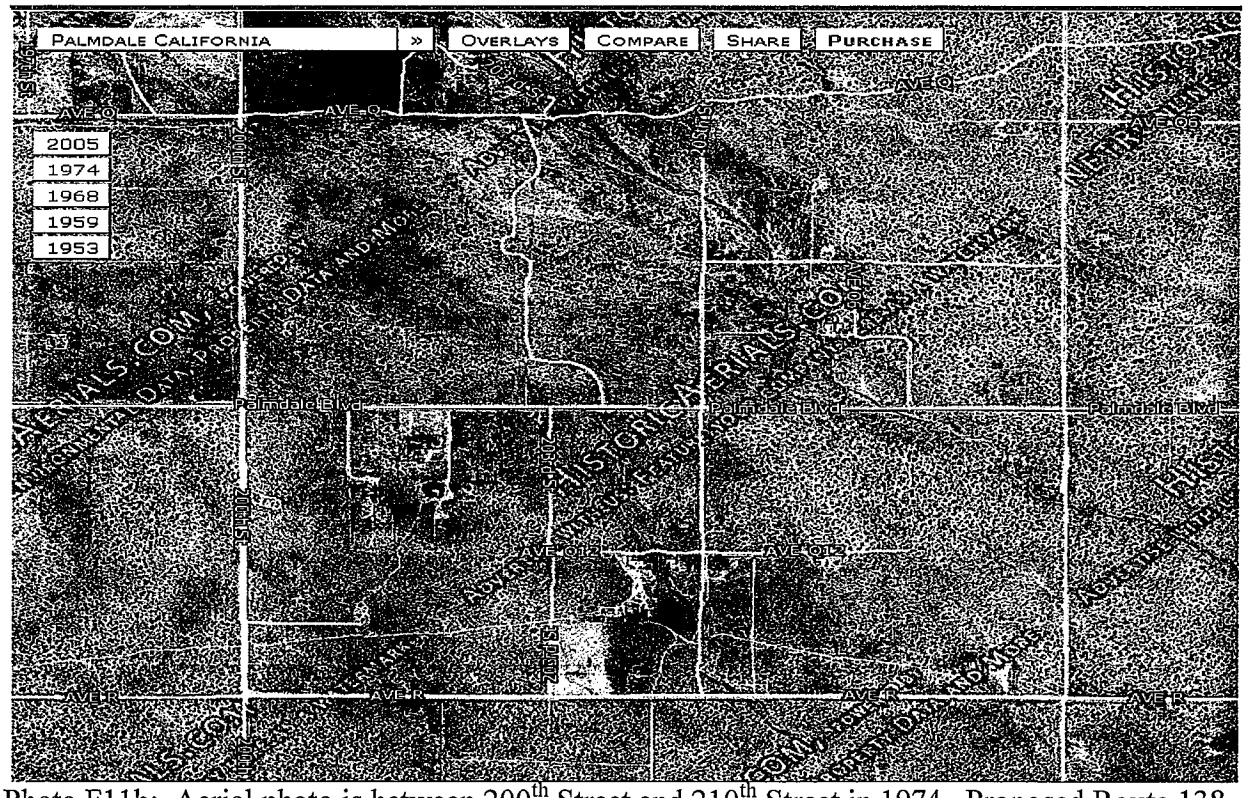


Photo F11b: Aerial photo is between 200th Street and 210th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

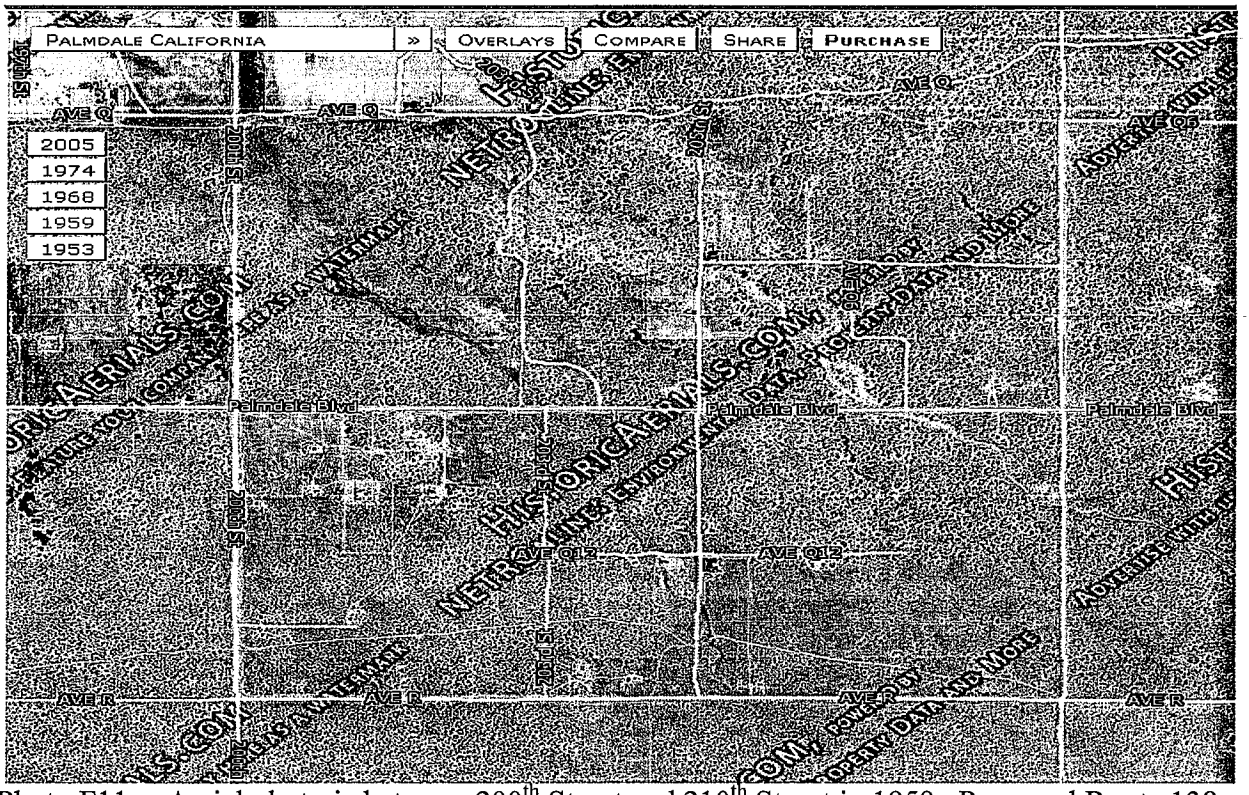


Photo F11c: Aerial photo is between 200th Street and 210th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

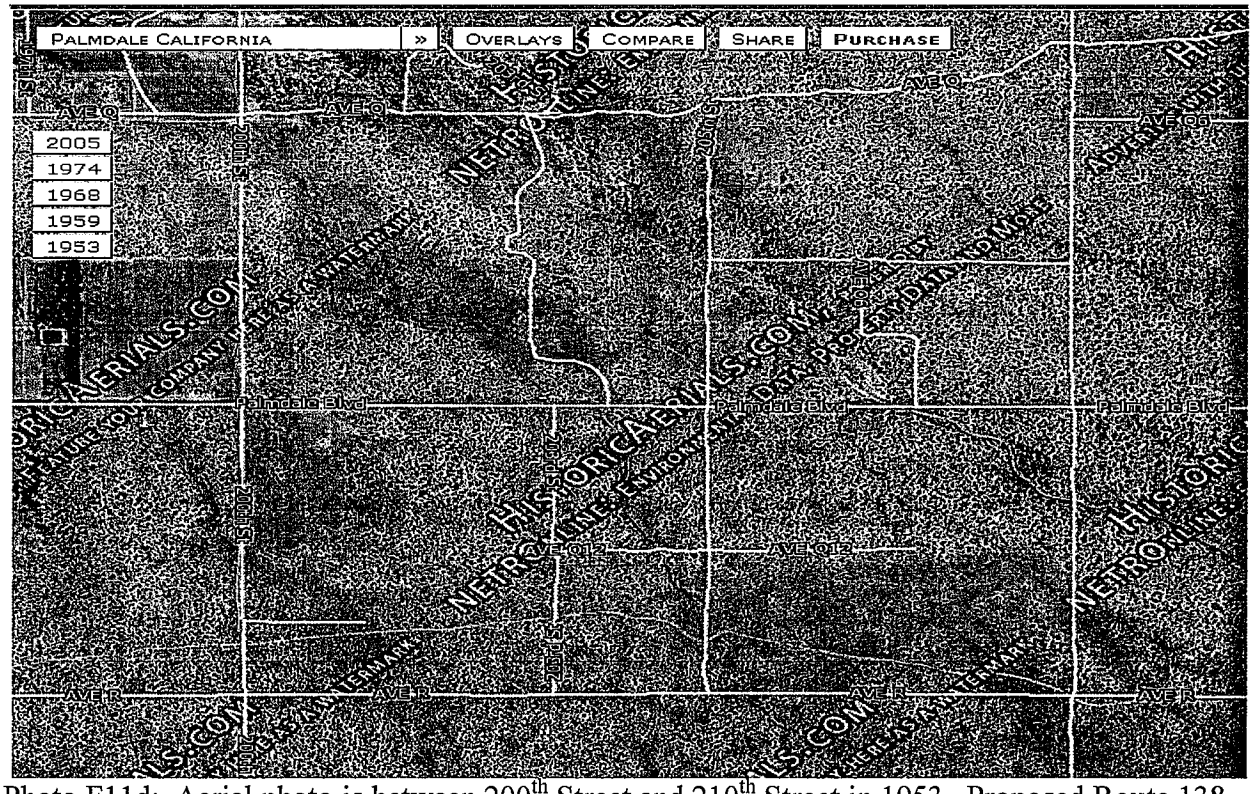


Photo F11d: Aerial photo is between 200th Street and 210th Street in 1953. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

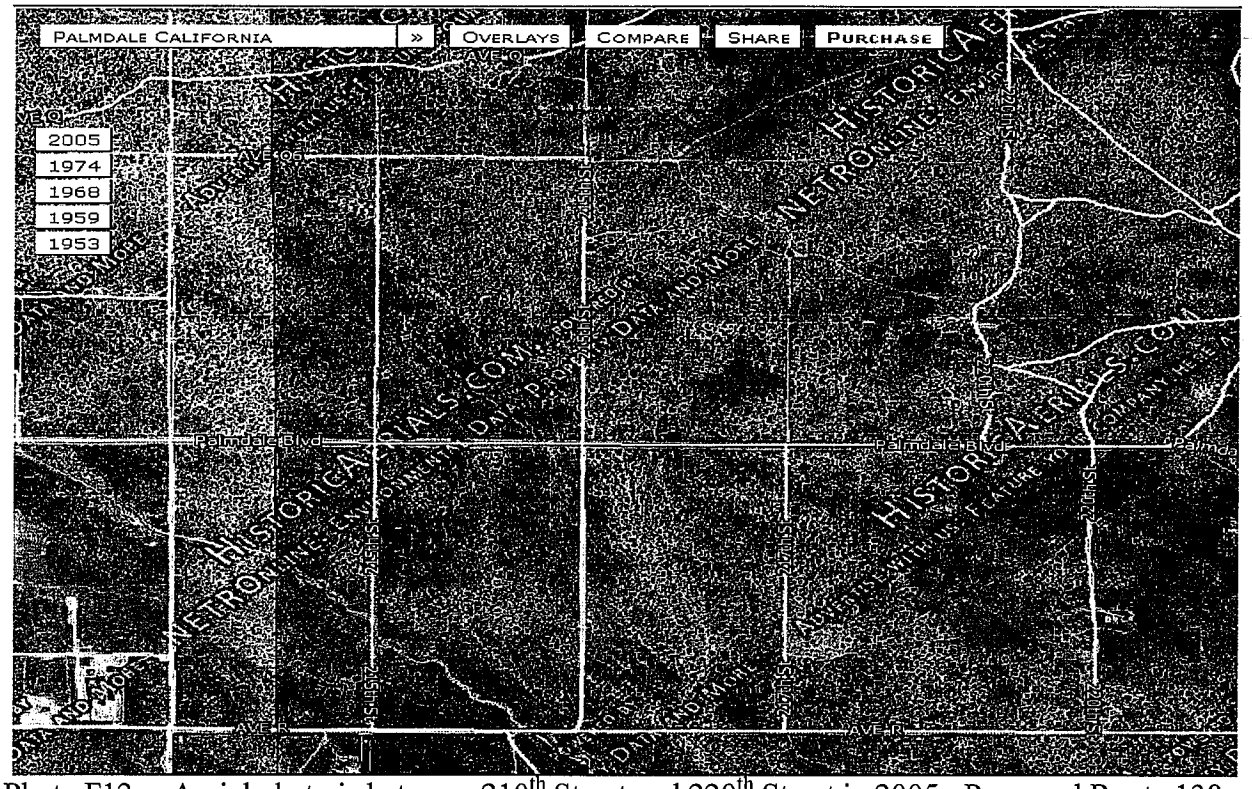


Photo F12a: Aerial photo is between 210th Street and 220th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

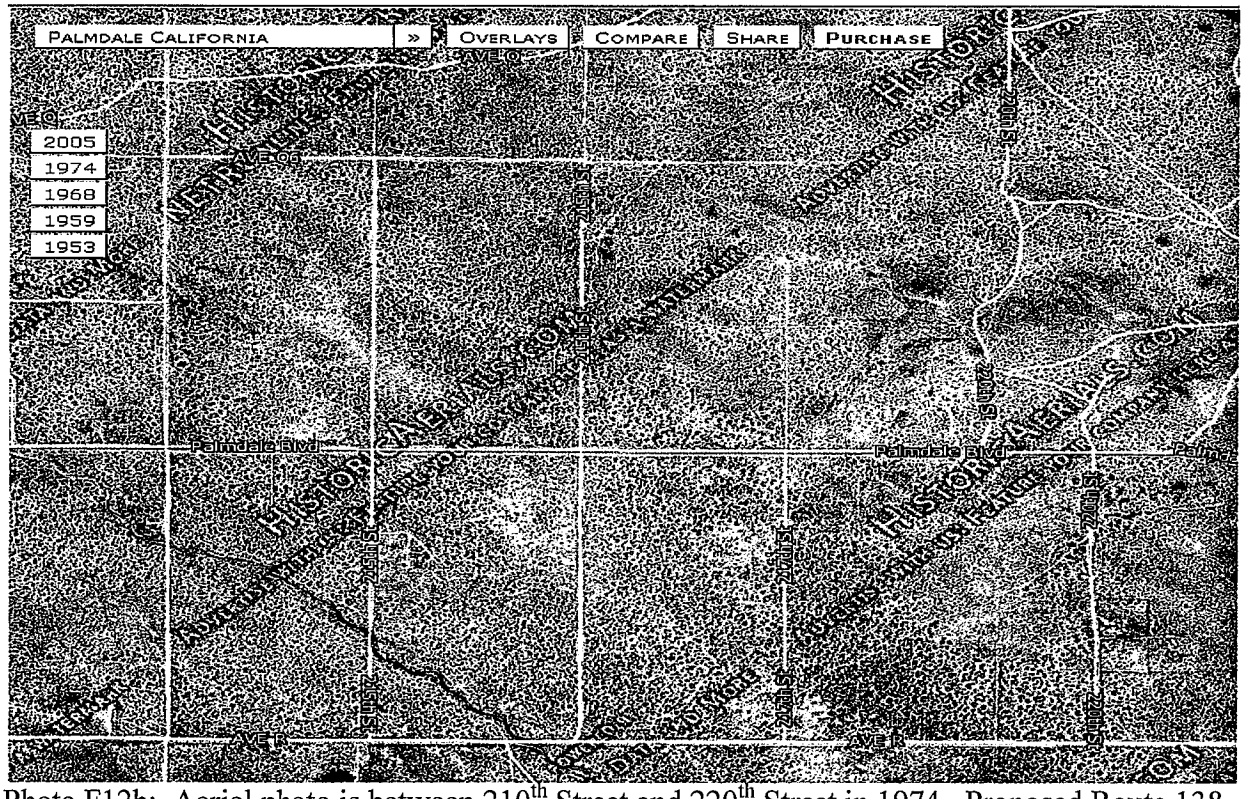


Photo F12b: Aerial photo is between 210th Street and 220th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

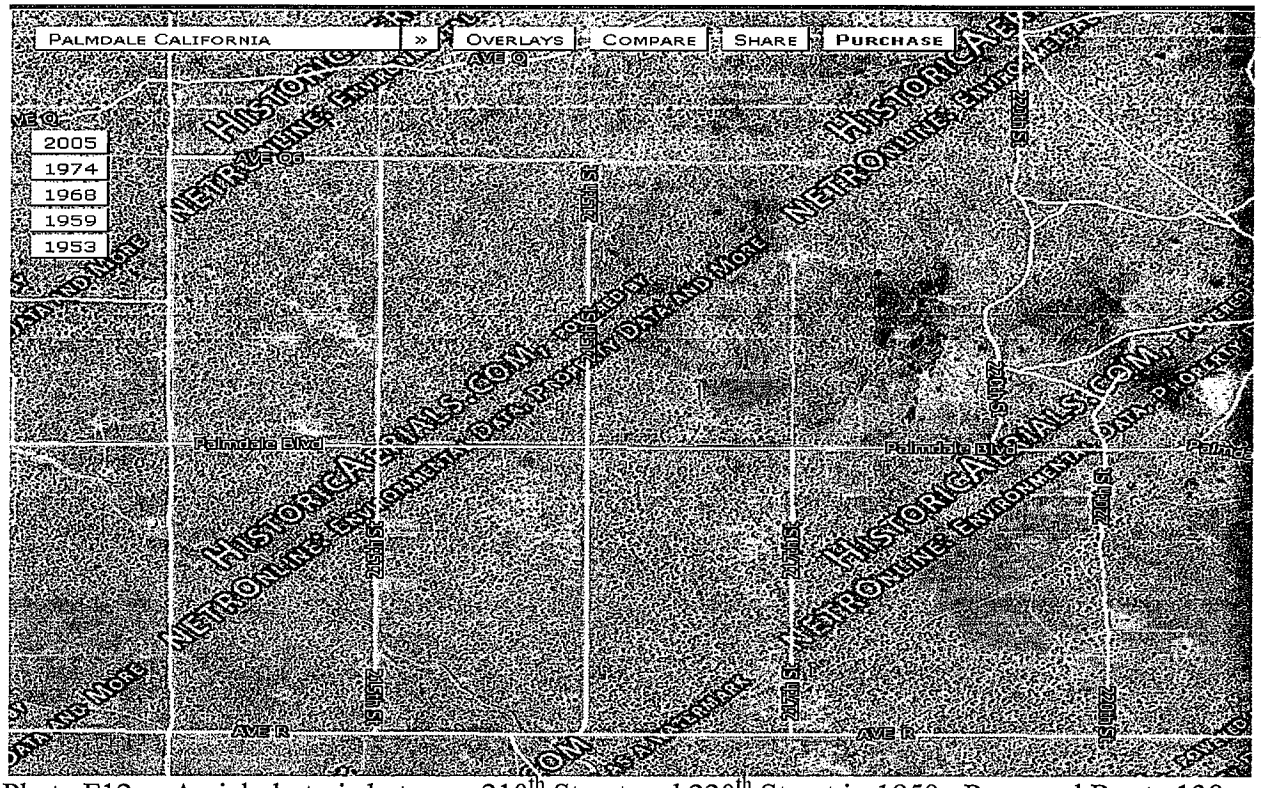


Photo F12c: Aerial photo is between 210th Street and 220th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

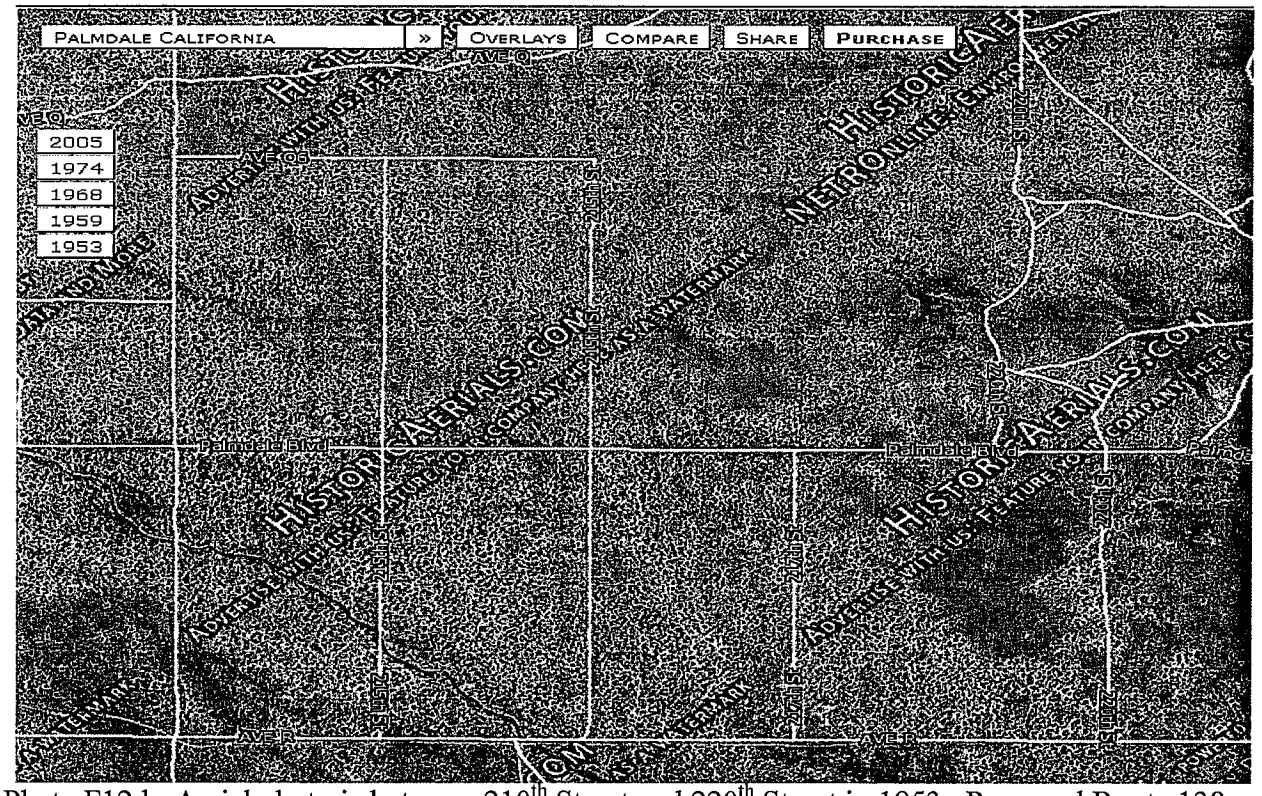


Photo F12d: Aerial photo is between 210th Street and 220th Street in 1953. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

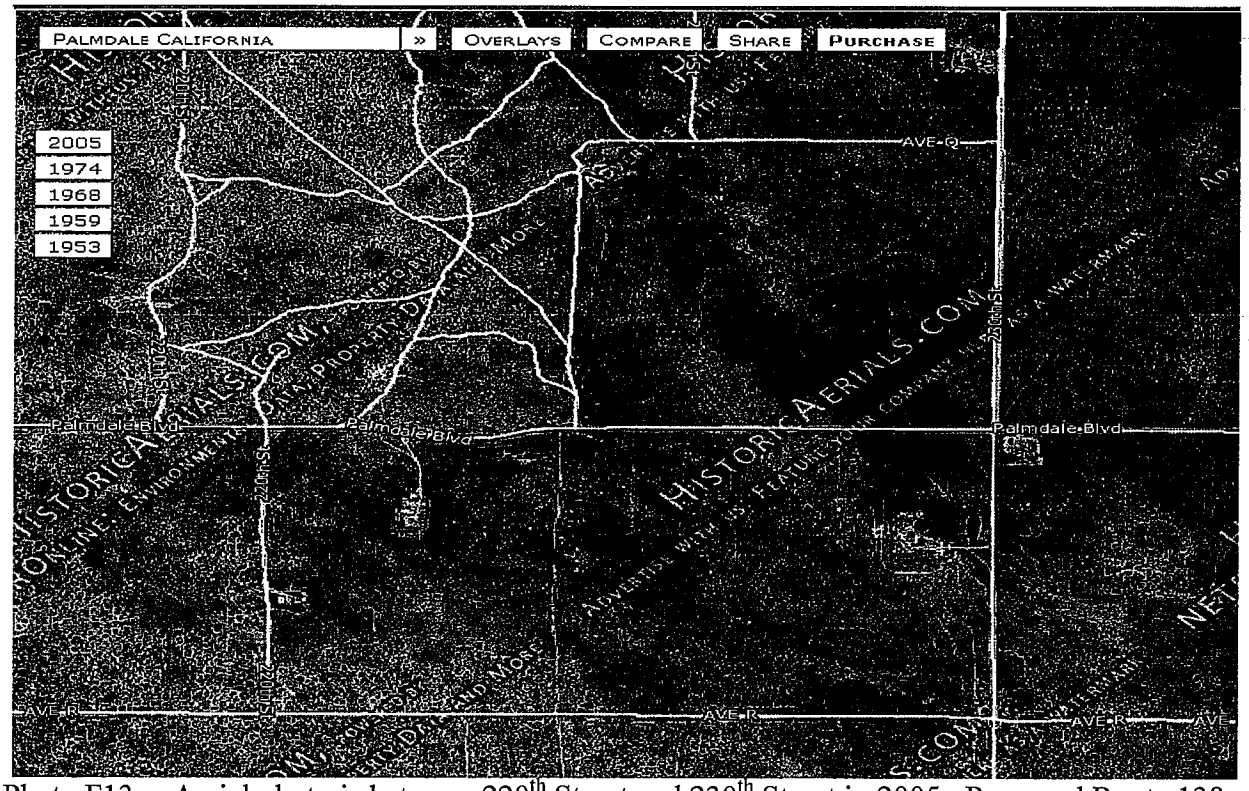


Photo F13a: Aerial photo is between 220th Street and 230th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

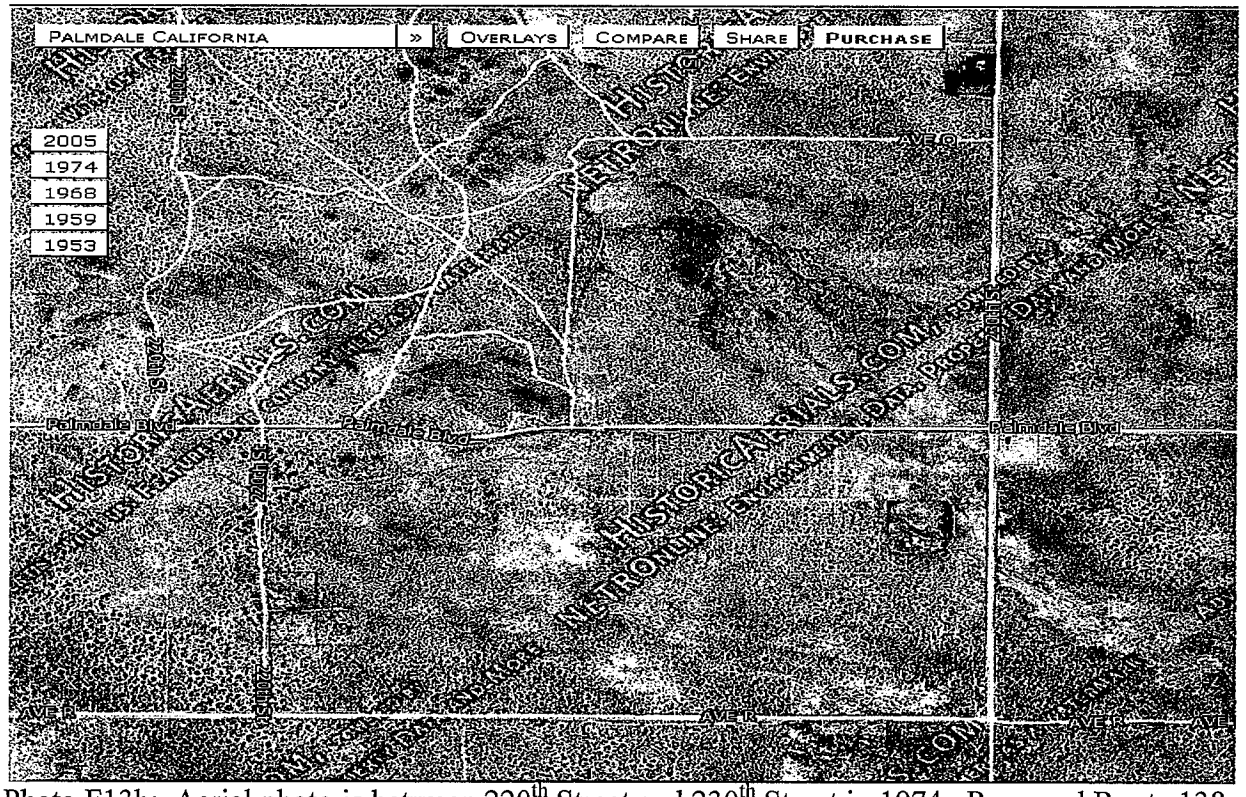


Photo F13b: Aerial photo is between 220th Street and 230th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

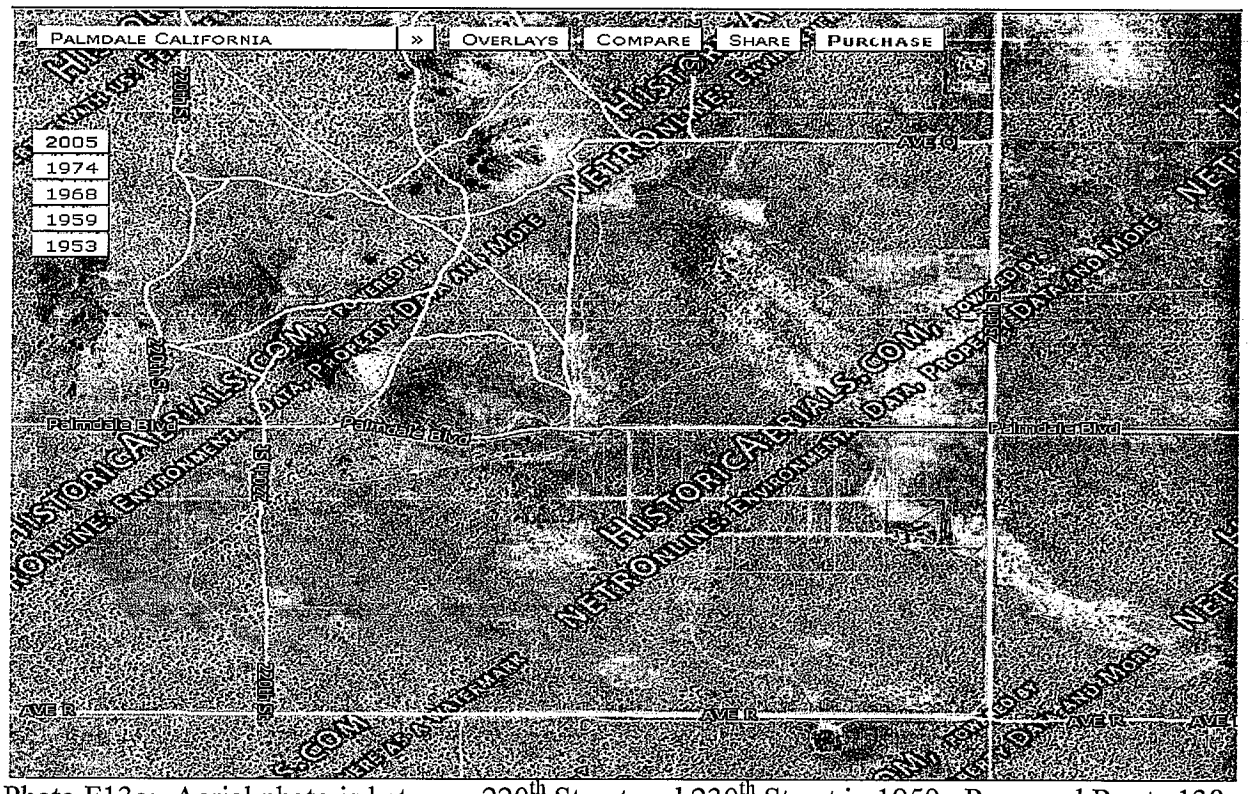


Photo F13c: Aerial photo is between 220th Street and 230th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

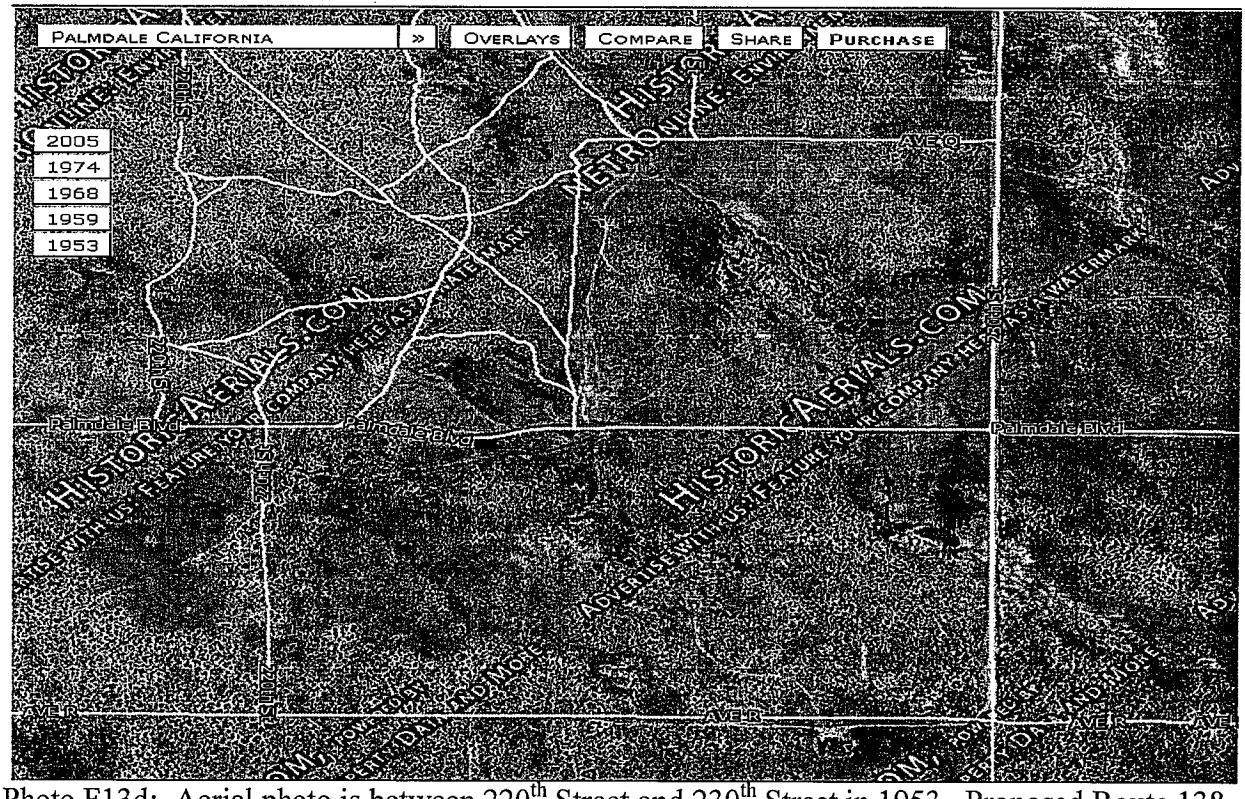


Photo F13d: Aerial photo is between 220th Street and 230th Street in 1953. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

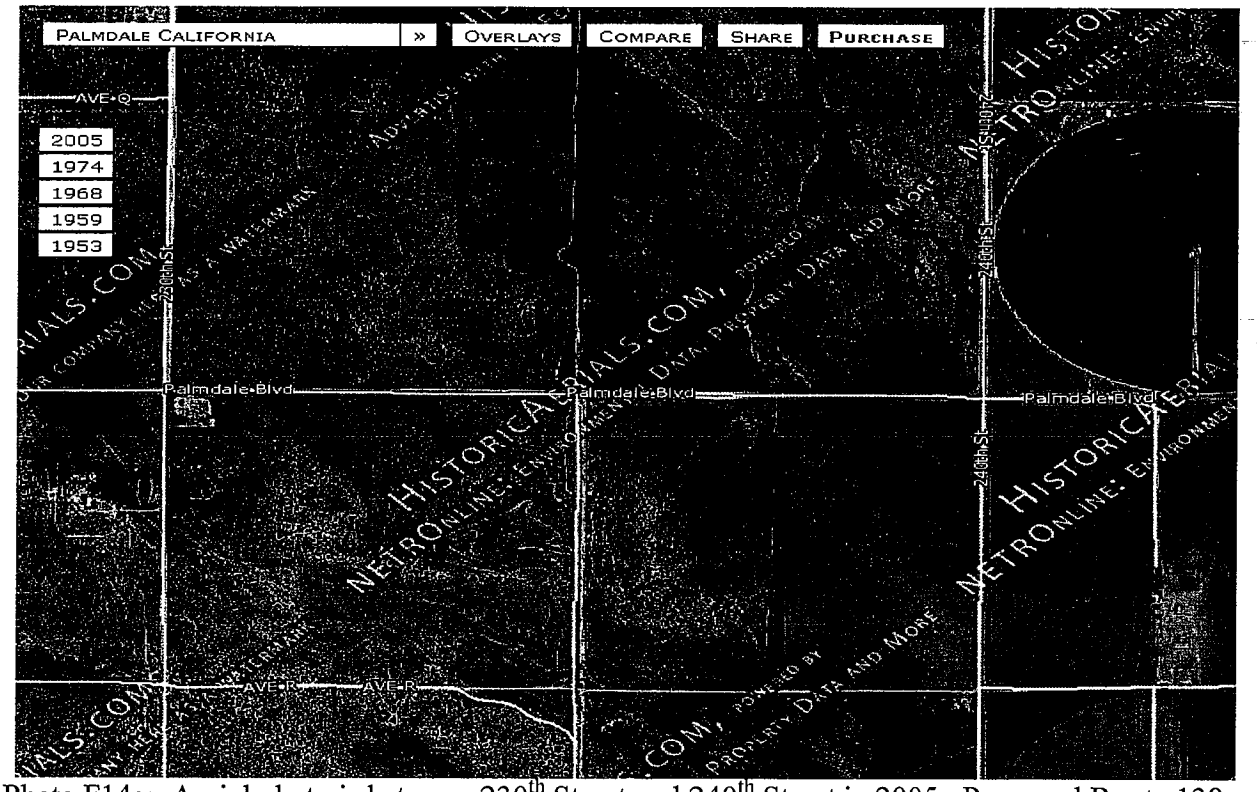


Photo F14a: Aerial photo is between 230th Street and 240th Street in 2005. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

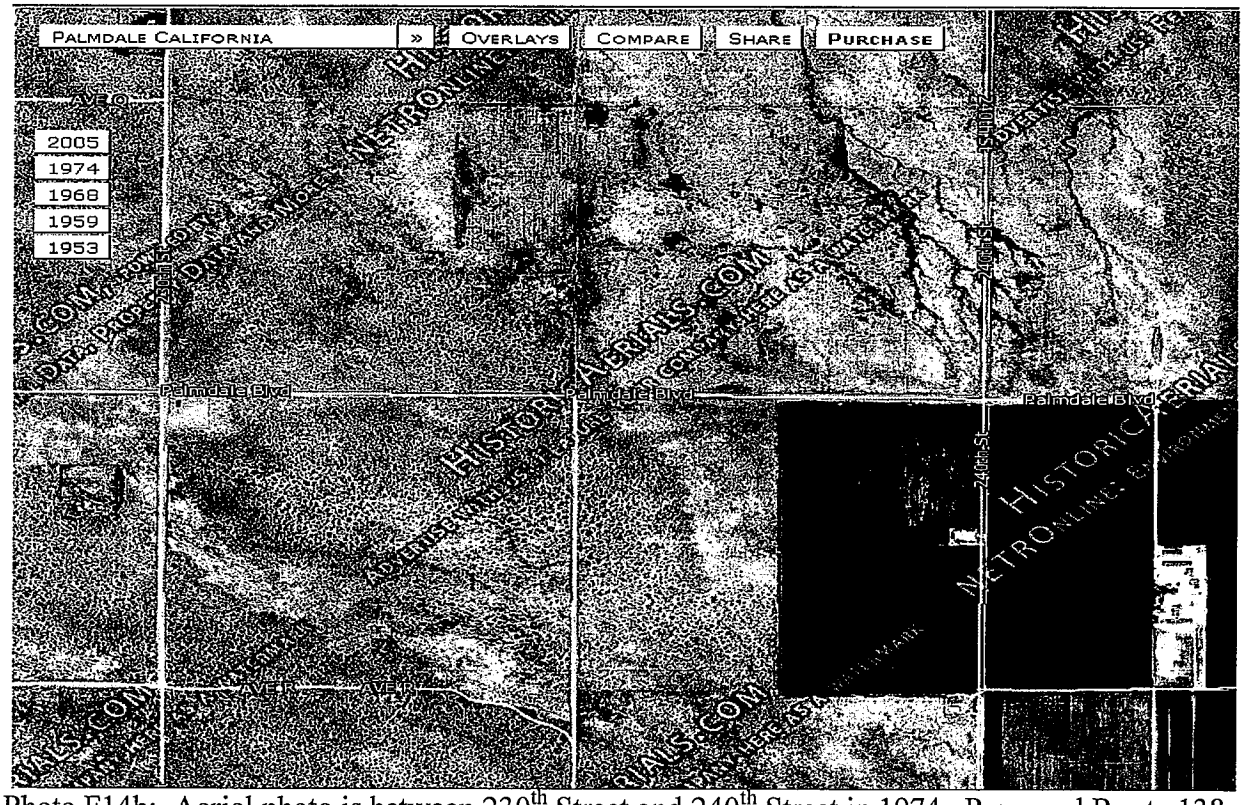


Photo F14b: Aerial photo is between 230th Street and 240th Street in 1974. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

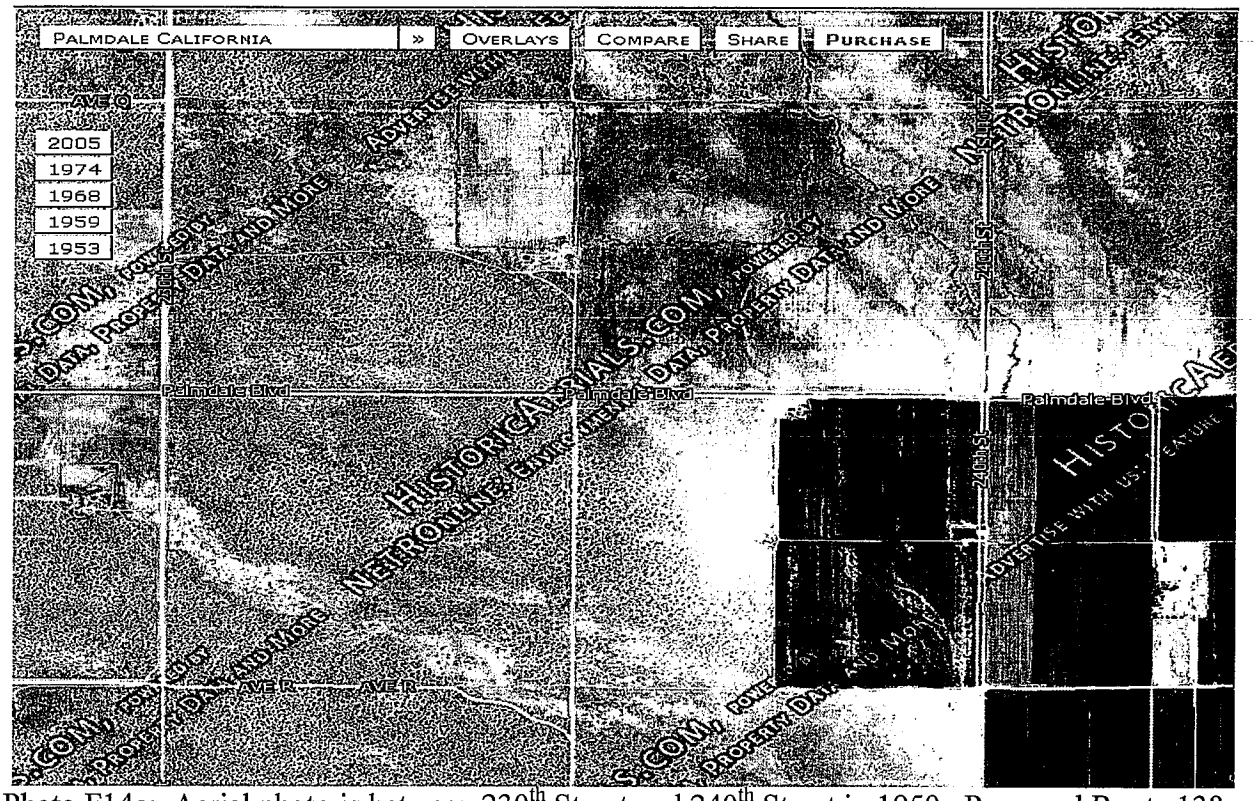


Photo F14c: Aerial photo is between 230th Street and 240th Street in 1959. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

Photo F14d: Aerial photo is between 230th Street and 240th Street in 1953. Proposed Route 138 is between Palmdale Blvd. and Ave. R.

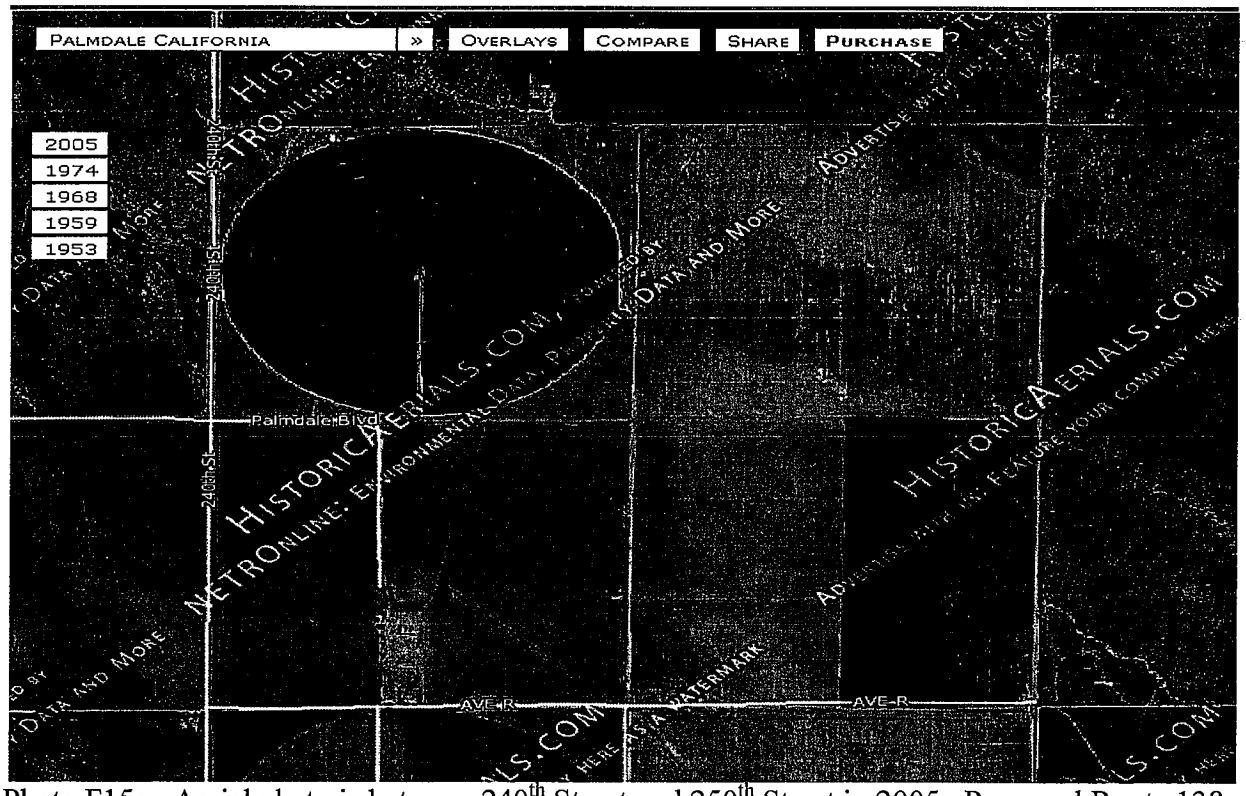


Photo F15a: Aerial photo is between 240th Street and 250th Street in 2005. Proposed Route 138 is between extending Palmdale Blvd. and extending Ave. R.

Photo F15b: Aerial photo is between 240th Street and 250th Street in 1974. Proposed Route 138 is between extending Palmdale Blvd. and extending Ave. R.

Photo F15c: Aerial photo is between 240th Street and 250th Street in 1959. Proposed Route 138 is between extending Palmdale Blvd. and extending Ave. R.

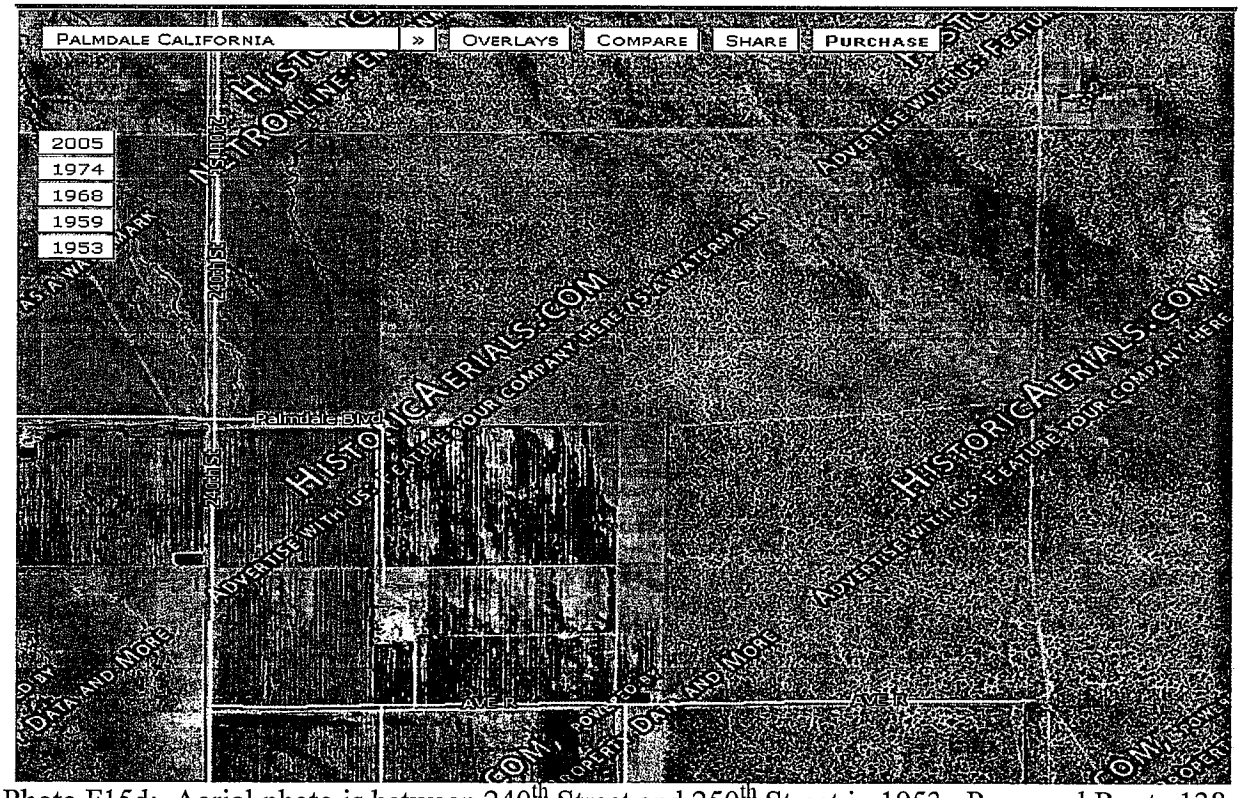


Photo F15d: Aerial photo is between 240th Street and 250th Street in 1953. Proposed Route 138 is between extending Palmdale Blvd. and extending Ave. R.

Photo F16a: Aerial photo is between 250th Street and the County Line Road in 2005. Proposed Route 138 is between extending Palmdale Blvd. and extending Ave. R.

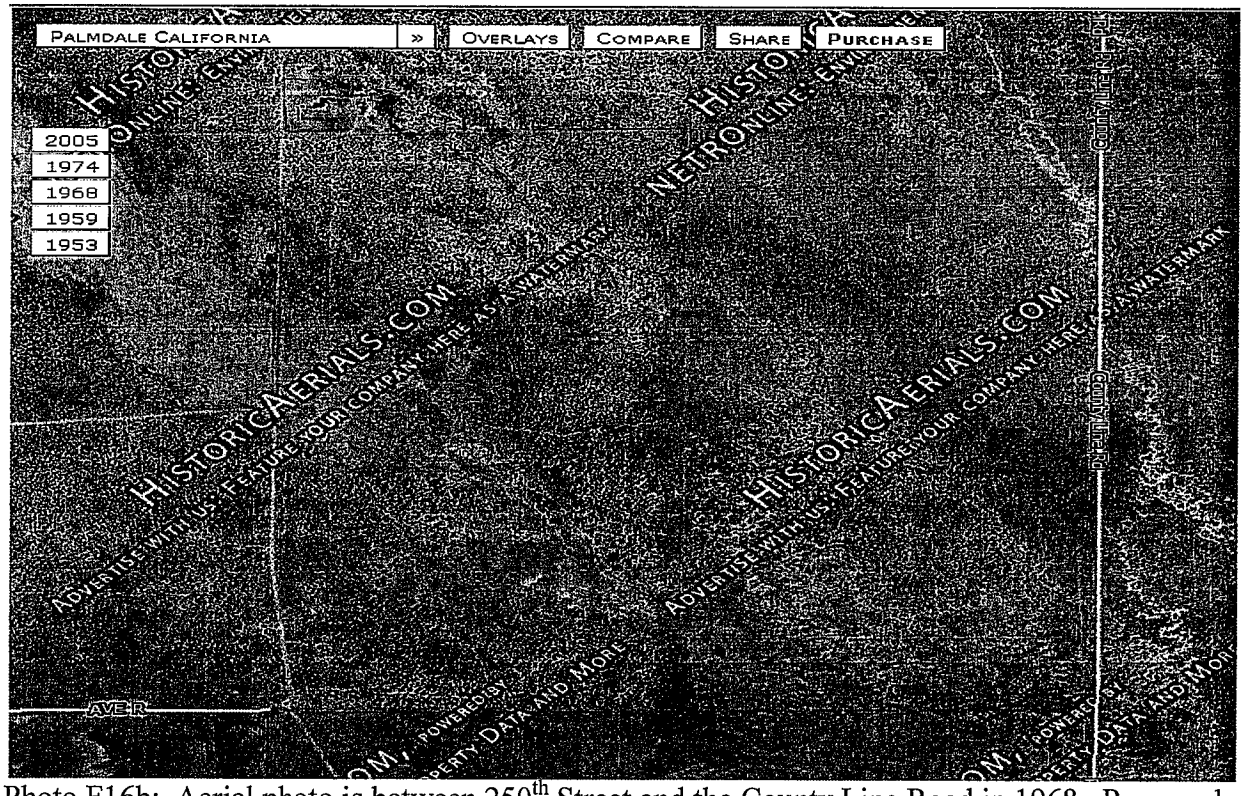


Photo F16b: Aerial photo is between 250th Street and the County Line Road in 1968. Proposed Route 138 is between extending Palmdale Blvd. and extending Ave. R.

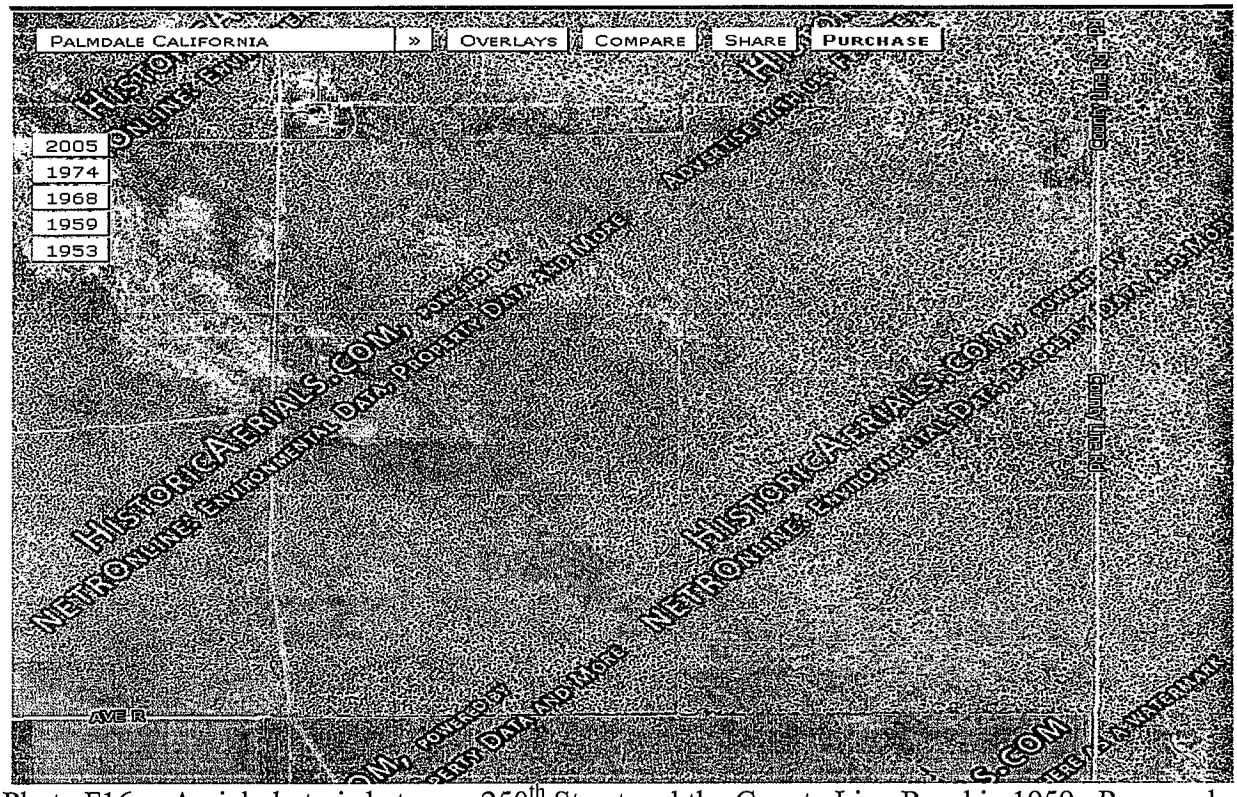


Photo F16c: Aerial photo is between 250th Street and the County Line Road in 1959. Proposed Route 138 is between extending Palmdale Blvd. and extending Ave. R.

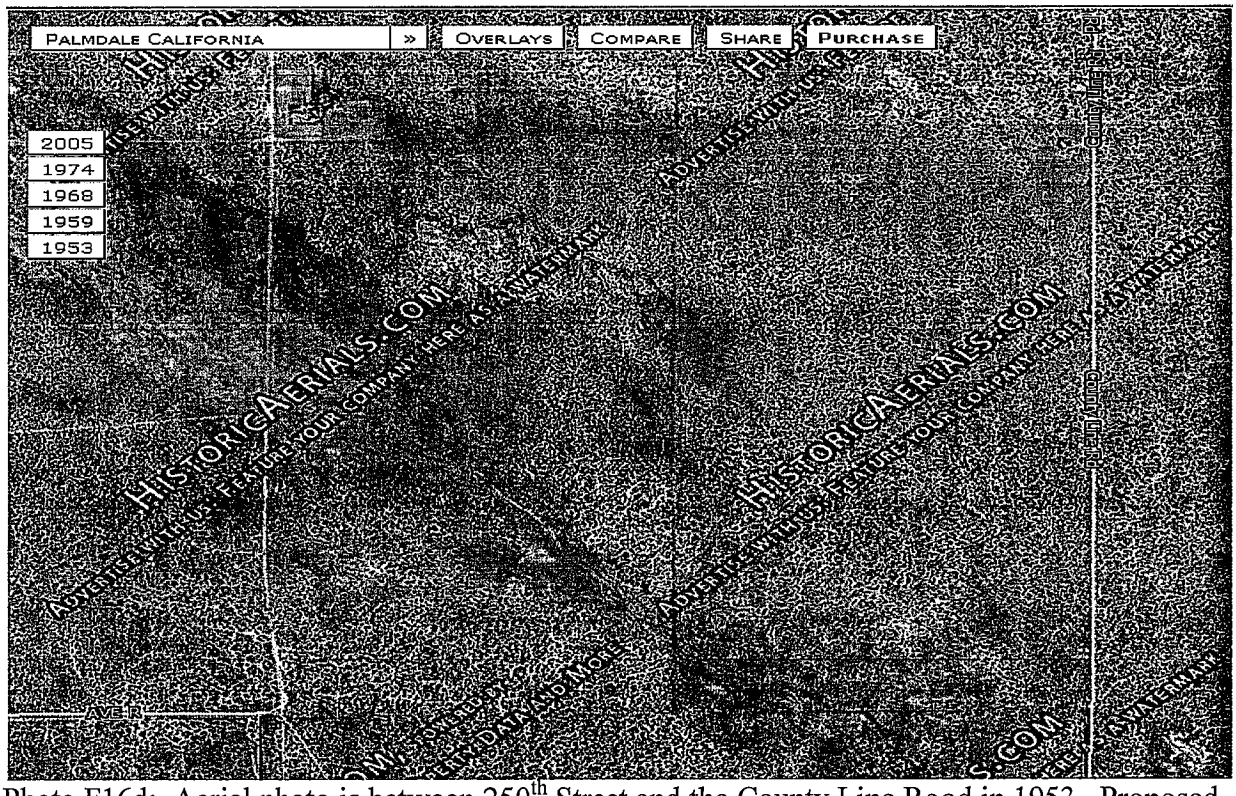


Photo F16d: Aerial photo is between 250th Street and the County Line Road in 1953. Proposed Route 138 is between extending Palmdale Blvd. and extending Ave. R.