

January 13, 2012

Mr. John Wondolleck  
CDM  
555 17<sup>th</sup> Street, Suite 1200  
Denver, CO 80202

**Subject: Santa Susana Field Laboratory Area IV Preliminary Pavement Condition Survey  
and Potential Pavement Construction Impact Cost Evaluation**

Dear Mr. Wondolleck:

### **INTRODUCTION**

Urban Crossroads, Inc. is pleased to submit this letter report documenting existing pavement conditions and the potential pavement construction impact costs for the Santa Susana Field Laboratory's future demolition activities. Exhibit A shows the location of the Santa Susana Field Laboratory site. As shown, the project site is generally located along Woolsey Canyon Road, approximately two (2) miles west of Valley Circle Boulevard, in the County of Ventura (immediately adjacent to the City of Los Angeles westerly boundaries). The purpose of the analysis presented in this letter report is to visually evaluate the current condition of the roadway pavement for the two (2) potential haul routes for removal of materials associated with demolition and cleanup of buildings from the Area IV of the Santa Susana Field Laboratory and to calculate a rough order of magnitude cost related to the impact of this truck traffic on the potential haul routes.

### **HAUL ROUTES**

Exhibit B illustrates the two (2) potential haul routes to be used [by haul trucks] during the demolition and cleanup of buildings from the Area IV. As shown on Exhibit B, "Route A" utilizes Plummer Street and Topanga Canyon Boulevard to reach the State Route (SR-)118 (Ronald Reagan) Freeway, while "Route B" uses Valley Circle Boulevard, Roscoe Boulevard, and Topanga Canyon Boulevard to reach the State Route (SR-)118 (Ronald Reagan) Freeway. The existing pavement conditions for the roadway segments along both haul routes have been surveyed and presented in this letter report.

## **PAVEMENT EVALUATION METHODOLOGY**

The performance of roadway pavement is a function of its ability to serve traffic over a period of time. For purposes of this preliminary pavement inspection, Urban Crossroads has subjectively evaluated the existing condition of the study area roadways via visual inspection. This is less rigorous than a quantitative evaluation, which involves using equipment to measure the deflection of the pavement when subjected to load (weight). A visual inspection is often used to establish a general idea of the current condition of a pavement section. The visual inspection allows the observer to evaluate the following pavement characteristics:

- **Roughness** - Pavement roughness is generally defined as irregularities in the pavement surface that affects the ride quality for a vehicle and its users. Roughness is an important pavement characteristic because it affects not only ride quality but also vehicle delay costs, fuel consumption and maintenance costs. Roughness is quantified using a present serviceability rating (PSR). PSR is defined as the judgment of an observer as to the current ability of a pavement to serve the traffic it is meant to serve". The PSR's subjective scale ranges from 5 (excellent) to 0 (impassable).
  
- **Structural Distress** - Surface distress is "Any indication of poor or unfavorable pavement performance or signs of impending failure; any unsatisfactory performance of a pavement short of failure". The types of pavement distress include (but are not limited to):
  - Fatigue (alligator) cracking
  - Bleeding
  - Corrugation and shoving
  - Depression
  - Pot holes
  - Rutting

## **PAVEMENT SURVEY RESULTS**

The following sections summarize our findings of the existing pavement conditions along the various roadway segments that comprise the two (2) potential haul routes.

### WOOLSEY CANYON ROAD

Table 1 summarizes the types of distress identified for 19 discrete segments along Woolsey Canyon Road (in the study area). The segments have been established based on uniformity of pavement condition and/or logical termini. The grouped segments on Table 1 for (Woolsey Canyon Road) are illustrated on Exhibit C. Attachment "A" contains photos that are representative of each of the listed segments.

As shown on Table 1 and Attachment "A", the majority of the study area roadway segments (along Woolsey Canyon Road) are in poor to average condition with substantial "fatigue cracking" and "longitudinal cracking". Overall, the PSR score varies between 1 and 3; the segments along Woolsey Canyon Road are considered to currently be in a generally passable condition. The segment of Woolsey Canyon Road just west of Summerwind Court, however, is in particularly poor condition.

### VALLEY CIRCLE BOULEVARD

Table 2 summarizes the findings for the potential haul route segments along Valley Circle Boulevard. The grouped segments identified on Table 2 for (Valley Circle Boulevard) are illustrated on Exhibit D. Attachment "B" contains the supporting photos that are representative of each of the listed segments. Overall, the PSR scores for the study area segments along Valley Circle Boulevard vary between 3 and 4. The majority of the study area roadway segments are in good to average condition. The main pavement defect observed for Valley Circle Boulevard is occasional longitudinal or lateral cracking. Segments "M" through "Q" exhibit the most wear evident from a visual inspection.

### PLUMMER STREET

Table 3 summarizes the visual inspection findings for potential haul route segments along Plummer Street. The grouped segments identified on Table 3 for (Plummer Street) are illustrated on Exhibit E. Attachment "C" contains photos that are representative of each of the listed segments. In general, the PSR score varies between a score of 2 (one segment) and 3 (all remaining segments). Most of the pavement along Plummer Street (with the exception of Segment D) is in good condition with minimal cracking (although surface wear is evident).

### ROSCOE BOULEVARD

Table 4 summarizes the visual inspection findings for potential haul route segments along Roscoe Boulevard. The grouped segments identified on Table 4 for (Roscoe Boulevard) are illustrated on Exhibit F. Attachment "D" contains the supporting photos that are representative of each of the listed segments. Overall, the PSR score for the study area segments along Roscoe Boulevard, west of Fallbrook Avenue, vary between a score of 1 and 2. The remaining segments along Roscoe Boulevard towards Topanga Canyon Boulevard are in better condition, generally receiving a PSR score of 3. Based on the visual pavement survey, the segments of Roscoe Boulevard west of Fallbrook Avenue are already damaged, with substantial longitudinal and alligator cracking. From an existing pavement condition standpoint, Roscoe Boulevard is a less desirable haul route than Plummer Street.

#### TOPANGA CANYON BOULEVARD

Table 5 summarizes the visual inspection findings for potential haul route segments along Topanga Canyon Boulevard. The grouped segments identified on Table 5 for (Topanga Canyon Boulevard) are illustrated on Exhibit G. Attachment "E" contains photos that are representative of each of the listed segments. The PSR score for the majority of the roadway segments along Topanga Canyon Boulevard are in the range of 2 to 3. Segments with a PSR score of 2 generally exhibit lateral or longitudinal cracking that have been patched / repaired.

#### PAVEMENT IMPACT ANALYSIS

Table 6 summarizes the estimated pavement reconstruction costs for each potentially impacted roadway segment. The cost is based on the length of the segment and the resulting amount of pavement material that is associated with replacement as a result of damage due to truck traffic. Pavement depths have been obtained from the City of Los Angeles' Bureau of Engineering - Manual on Street Design (prepared by Robert Horii and dated July 1986). Consistent with previously published pavement impact analyses prepared by Urban Crossroads, a cost factor of \$120 per ton of material and a typical pavement life of 15 years has been assumed. As shown on Table 6, pavement reconstruction improvement costs for "Truck Route A" would require a total cost of \$275,728 per year (for a 15 year pavement life). Pavement reconstruction improvement costs for "Truck Route B" would require a total cost of \$394,184 per year (for a 15 year pavement life).

The next step in the pavement impact analysis is to estimate the project cost share. The cost share is determined based on the yearly cost (previously shown on Table 6) and the project contribution to existing

truck traffic for each impacted segment. Existing count data for each of the listed segments are provided in Attachment "F" of this report. Table 7 summarizes the project cost share associated with the project's related hauling activities (for each potential haul route). Hauling activities will result in materials being moved to / from the site for an estimated two (2) to three (3) year period. For conservative purposes, Urban Crossroads has used a duration of **three (3) years** for this calculation. As shown on Table 7, the project share (percentage of truck traffic) ranges between 7% (for Topanga Canyon Boulevard) and 49% (for Woolsey Canyon Road). For "Truck Route A", the total project contribution towards pavement wear is estimated to be \$80,109 during the three (3) year hauling phase of the project. For "Truck Route B", the total project contribution towards pavement wear is estimated to be \$93,818 during the three (3) year hauling phase of the project.

### **CLOSING**

Based on the results of the visual inspection, it appears that both potential haul routes are in poor to average condition at this point in time. Potential Haul Route "A" (using) Plummer Street appears to be superior to Potential Haul Route "B" (using) Roscoe Boulevard both from the perspective of current pavement condition and length of route (which correlates to the project cost share for pavement life).

For "Truck Route A", the total project contribution towards pavement wear is estimated to be \$80,109 during the three (3) year hauling phase of the project. For "Truck Route B", the total project contribution towards pavement wear is estimated to be \$93,818 during the three (3) year hauling phase of the project.

Urban Crossroads, Inc. is pleased to provide this traffic analysis for your use in the ongoing planning / construction of the proposed project. If you have any questions, please contact me directly at (949) 660-1994 extension 210.

Respectfully submitted,

URBAN CROSSROADS, INC.

Carleton Waters, P.E.  
Principal

Domingo Maclang, P.E.  
Senior Engineer

# EXHIBIT A LOCATION MAP

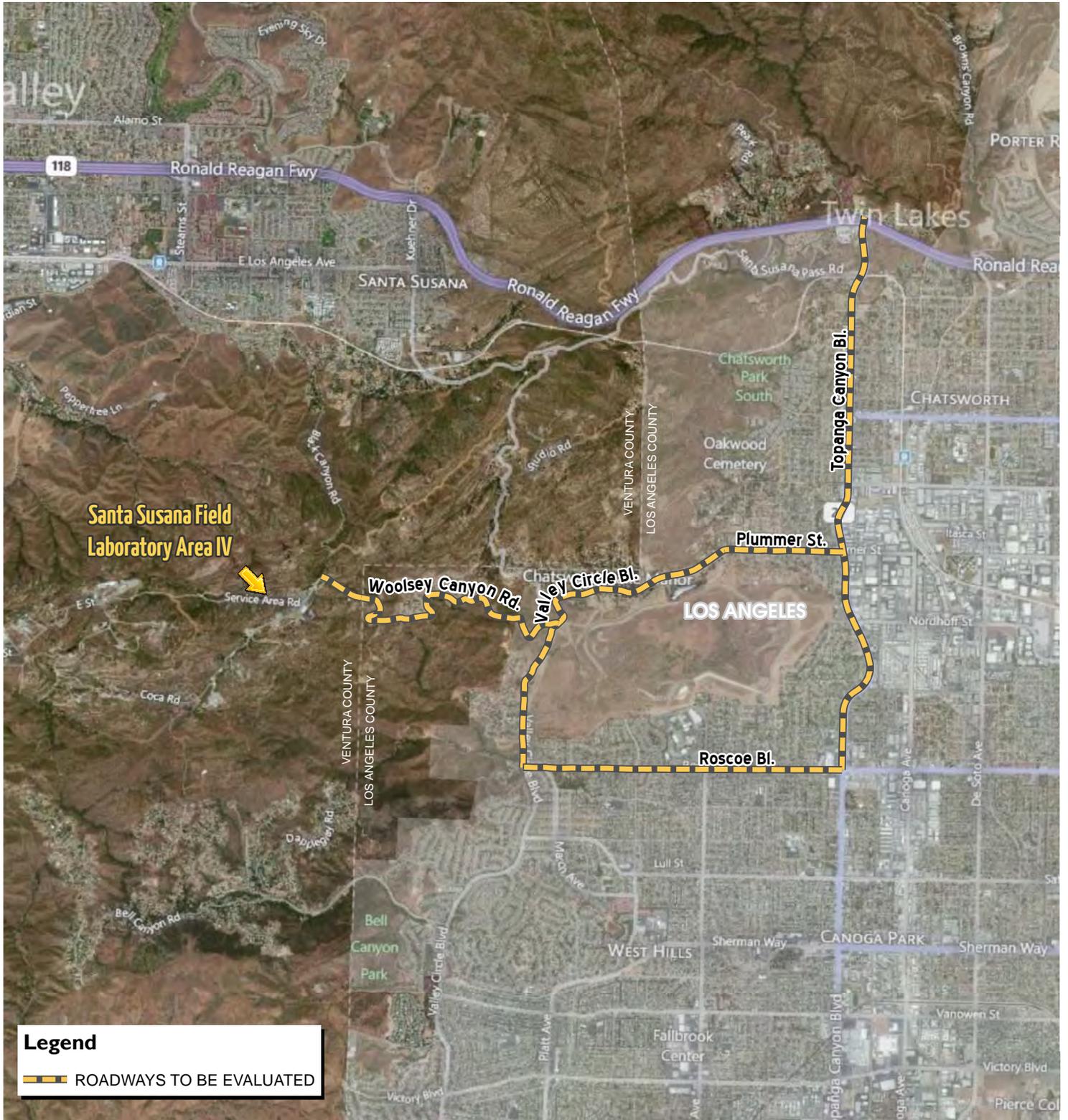
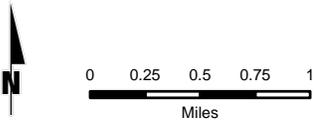
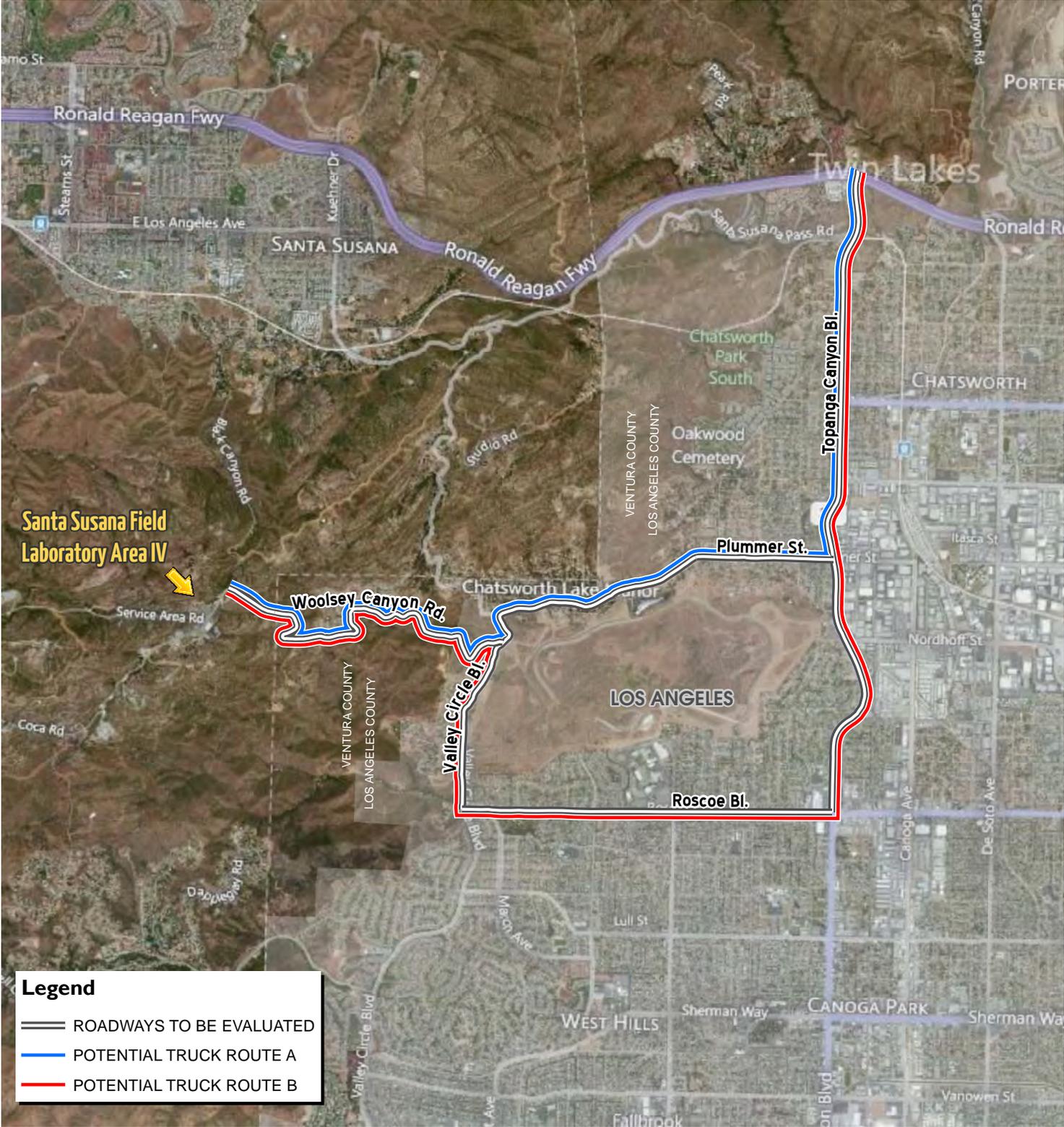
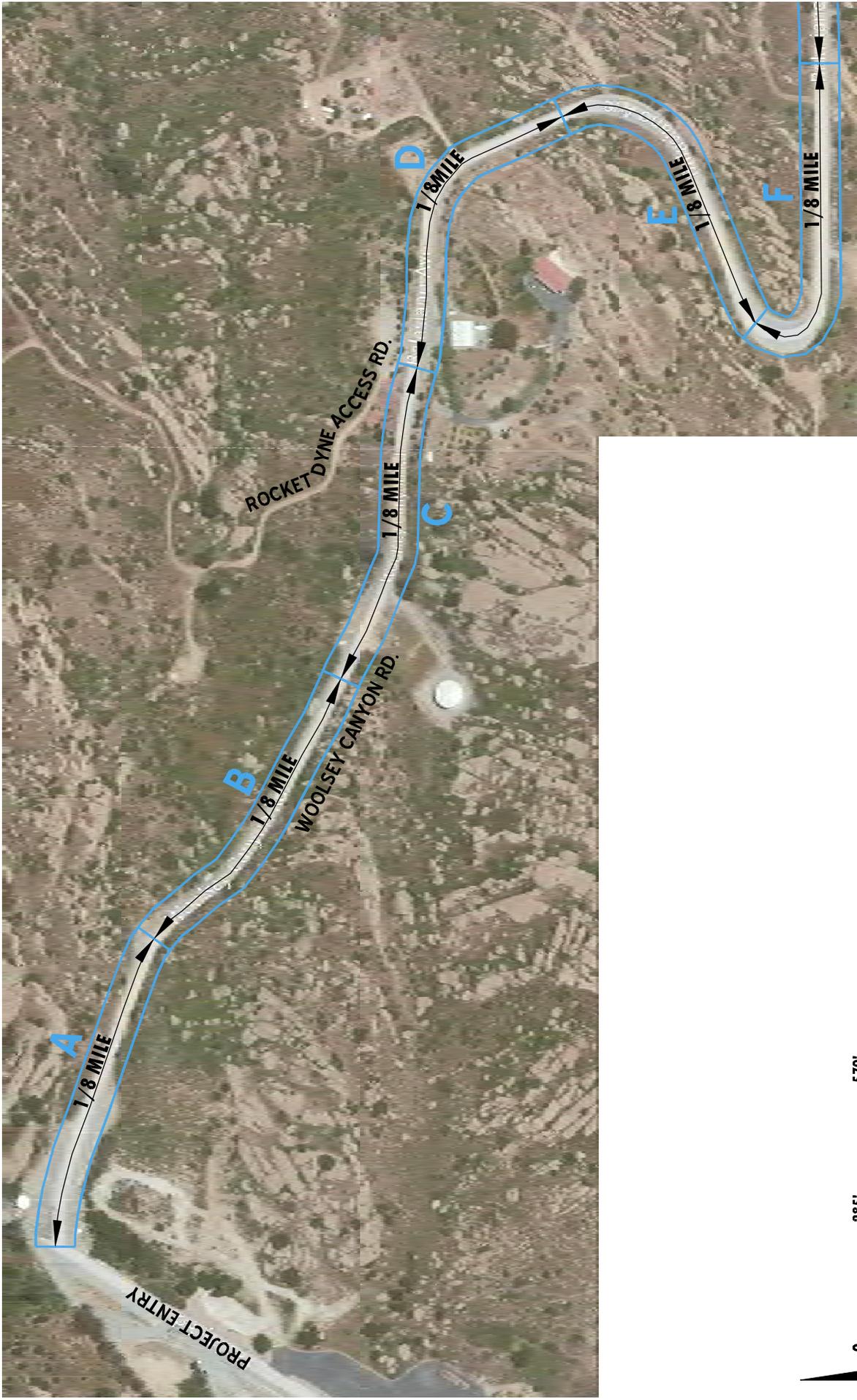


EXHIBIT B  
**POTENTIAL TRUCK ROUTES**



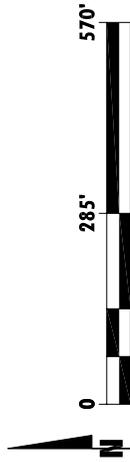
# WOOLSEY CANYON ROAD SEGMENT LIMITS



# WOOLSEY CANYON ROAD SEGMENT LIMITS



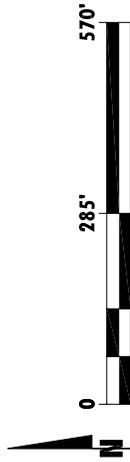
# WOOLSEY CANYON ROAD SEGMENT LIMITS



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City of Ventura, CA (JN - 07945:woolsey.dwg)



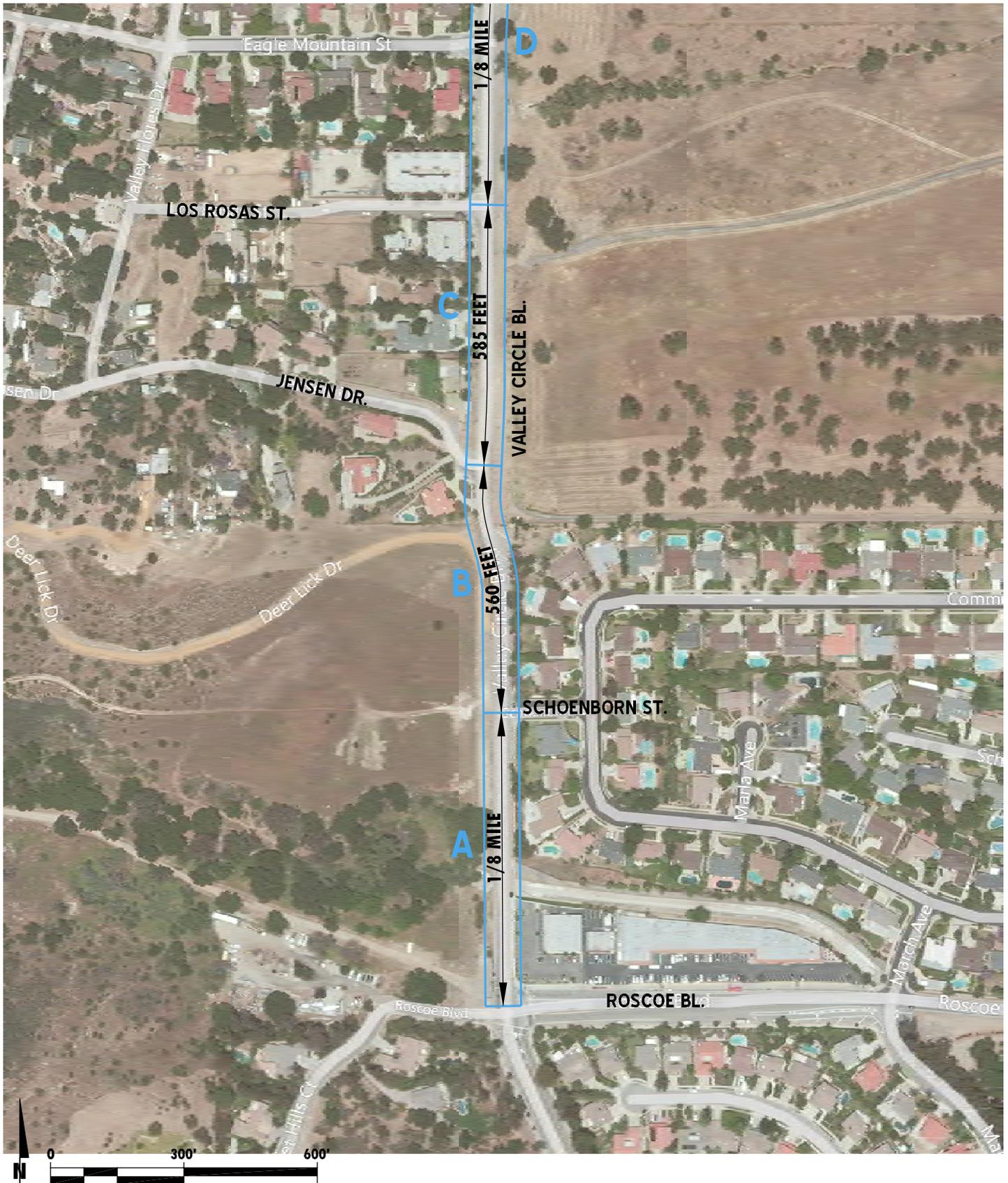
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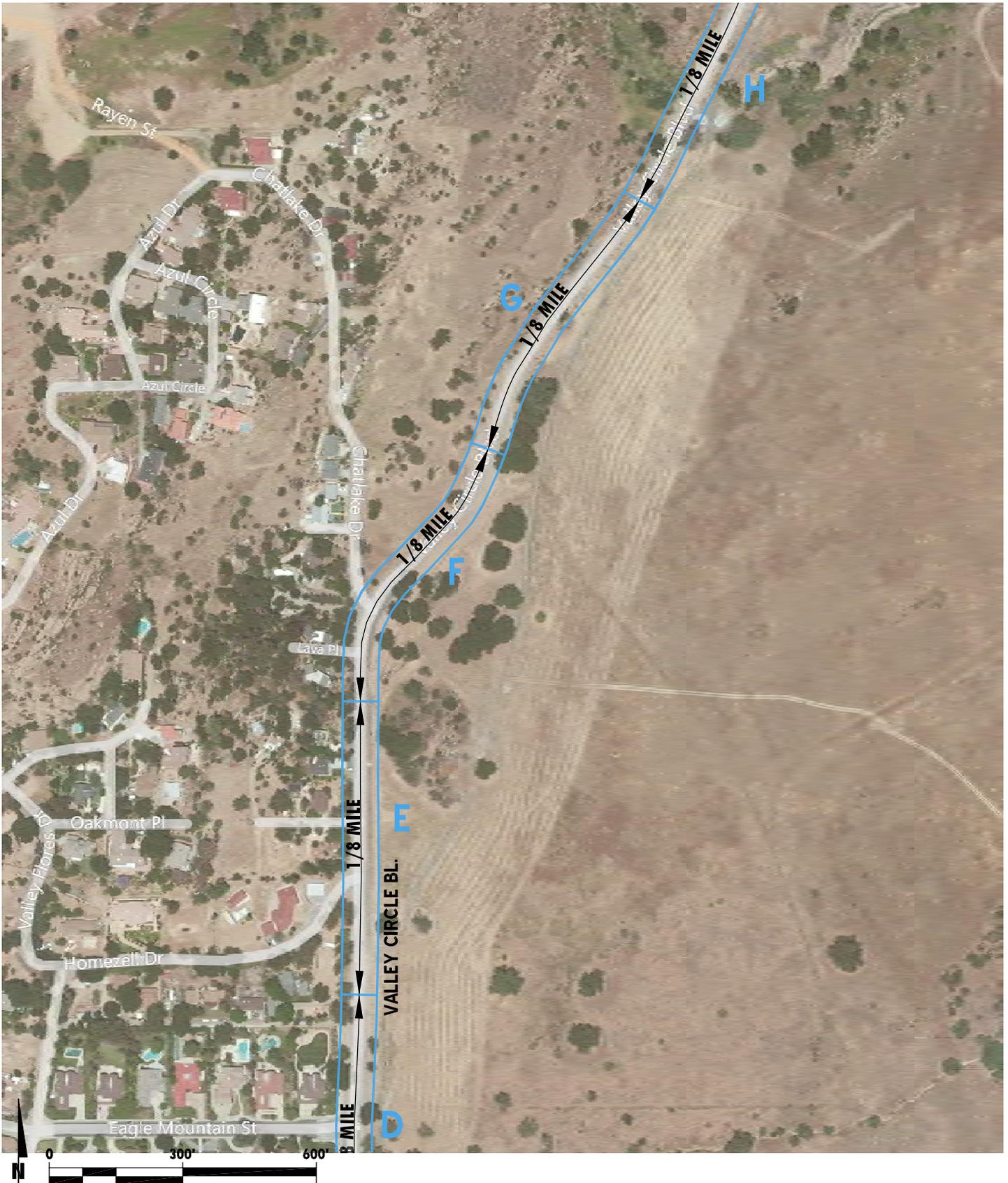
Santa Susana Field Laboratory Area IV  
City of Ventura, CA (JN - 07945:woolsey.dwg)



# VALLEY CIRCLE BOULEVARD SEGMENT LIMITS



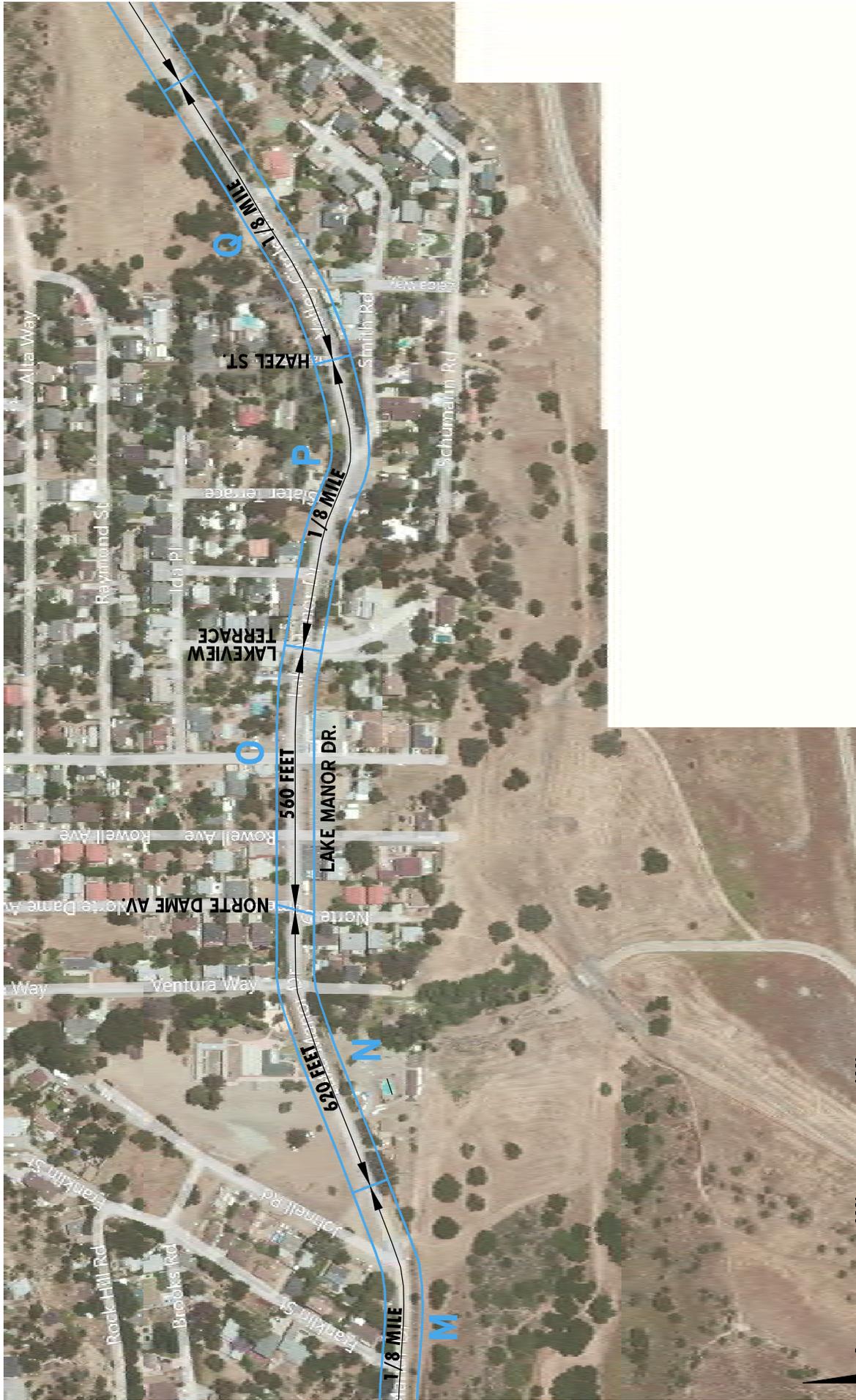
# VALLEY CIRCLE BOULEVARD SEGMENT LIMITS



# VALLEY CIRCLE BOULEVARD SEGMENT LIMITS



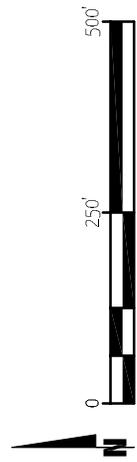
EXHIBIT D (Page 4 of 5)  
**VALLEY CIRCLE BOULEVARD SEGMENT LIMITS**



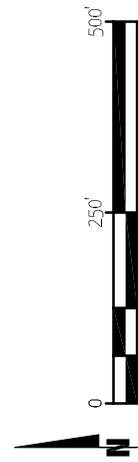
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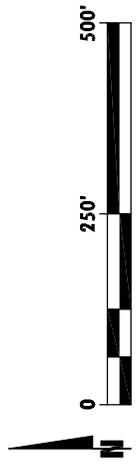
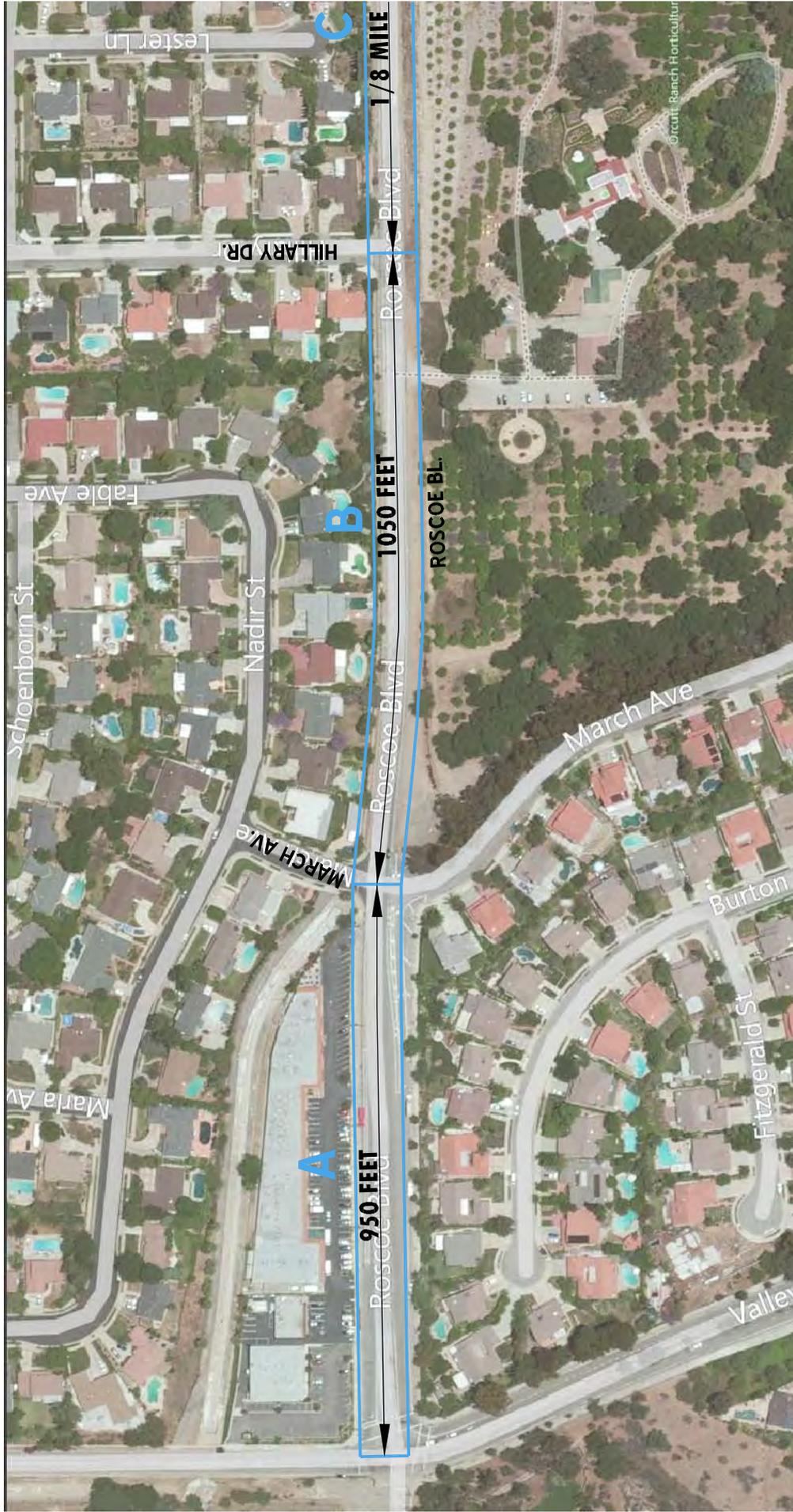
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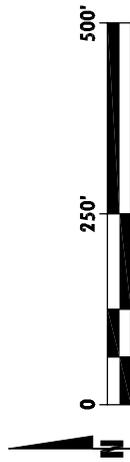
# PLUMMER STREET SEGMENT LIMITS



# ROSCOE BOULEVARD SEGMENT LIMITS



# ROSCOE BOULEVARD SEGMENT LIMITS



# ROSCOE BOULEVARD SEGMENT LIMITS

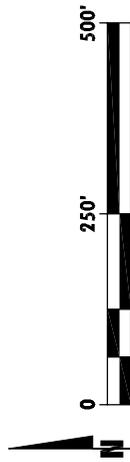
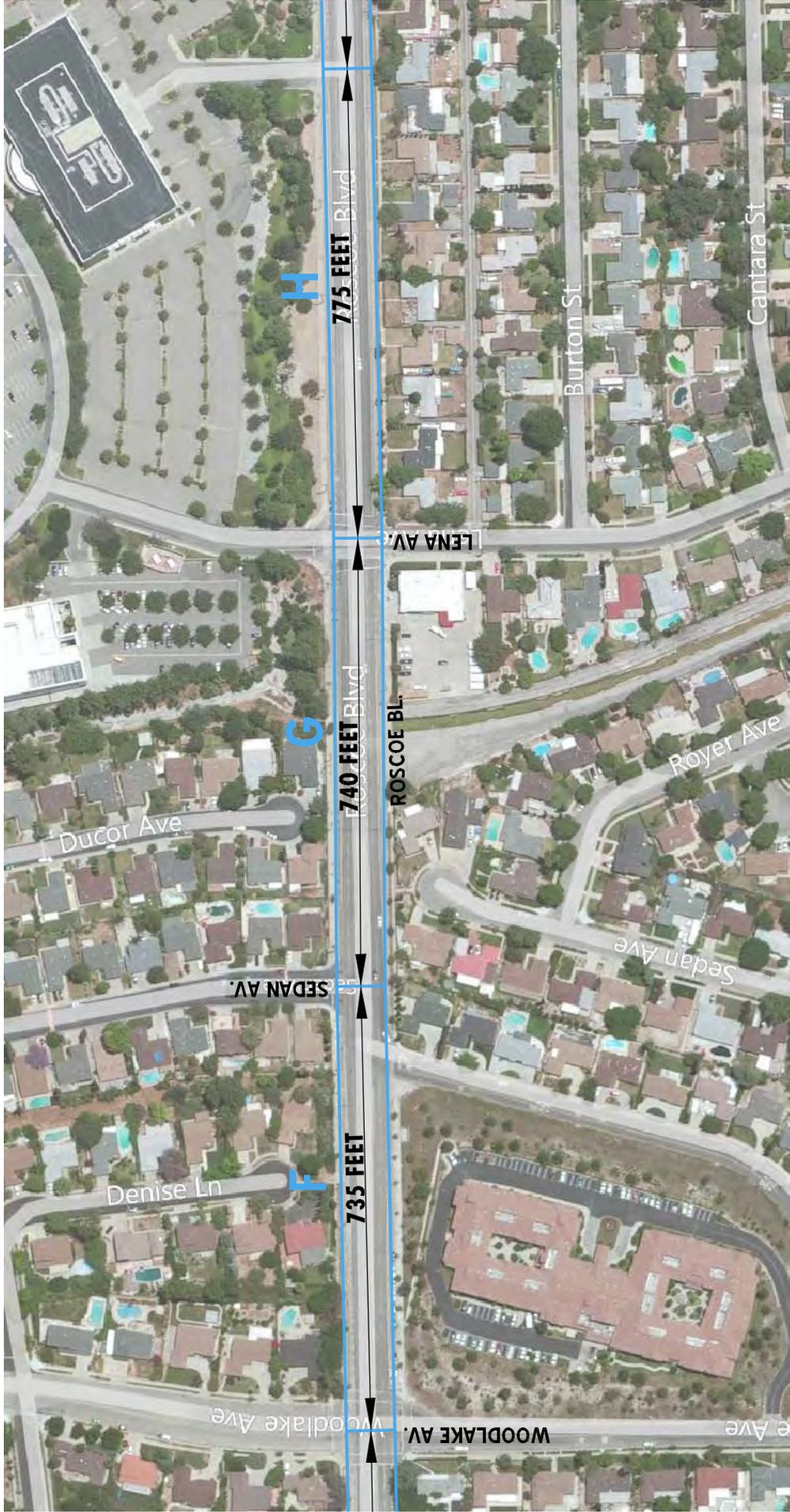
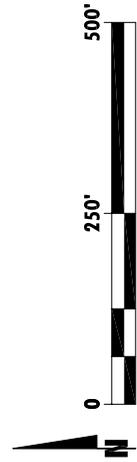
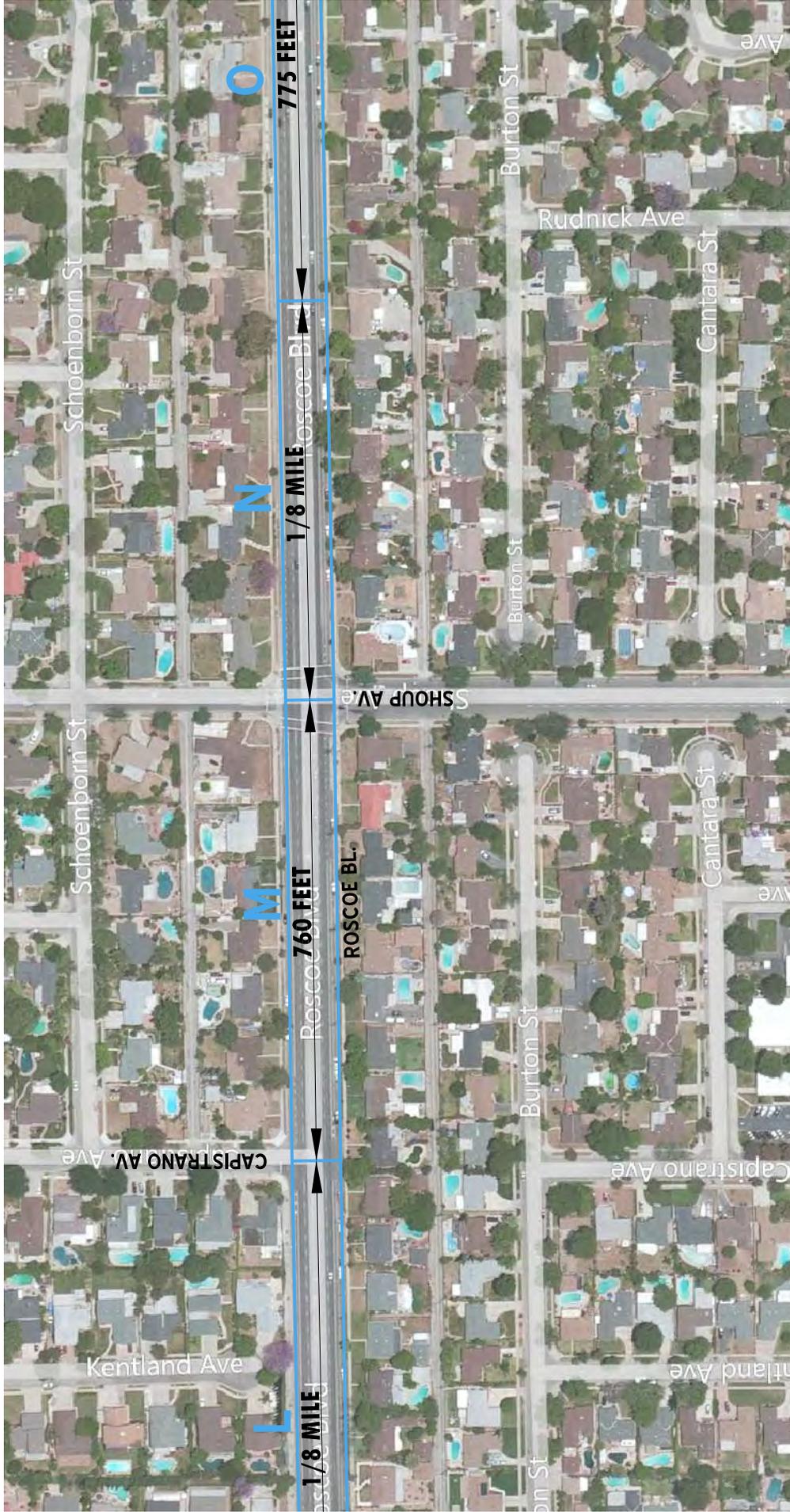
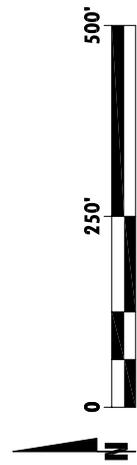




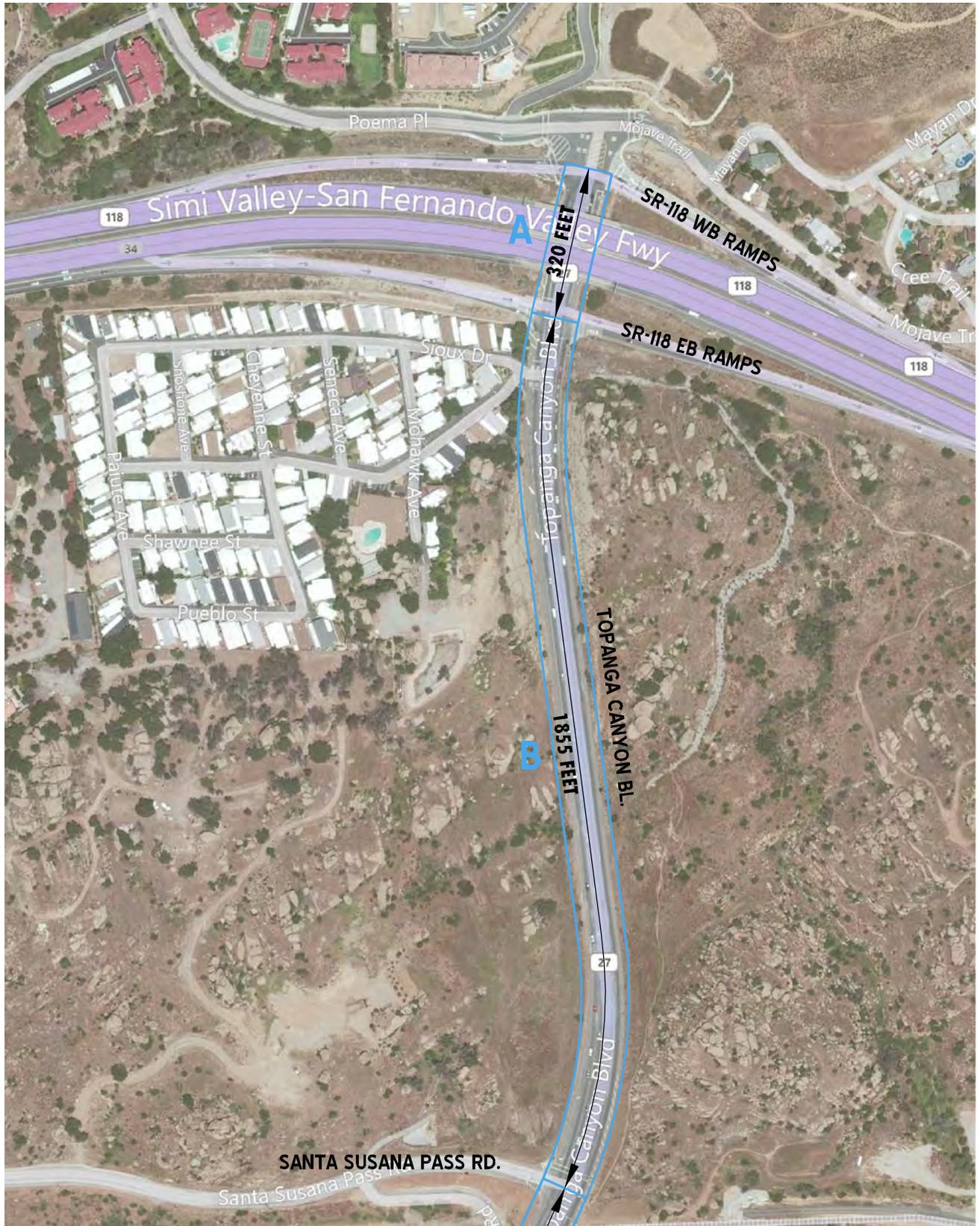
EXHIBIT F (Page 5 of 6)  
**ROSCOE BOULEVARD SEGMENT LIMITS**



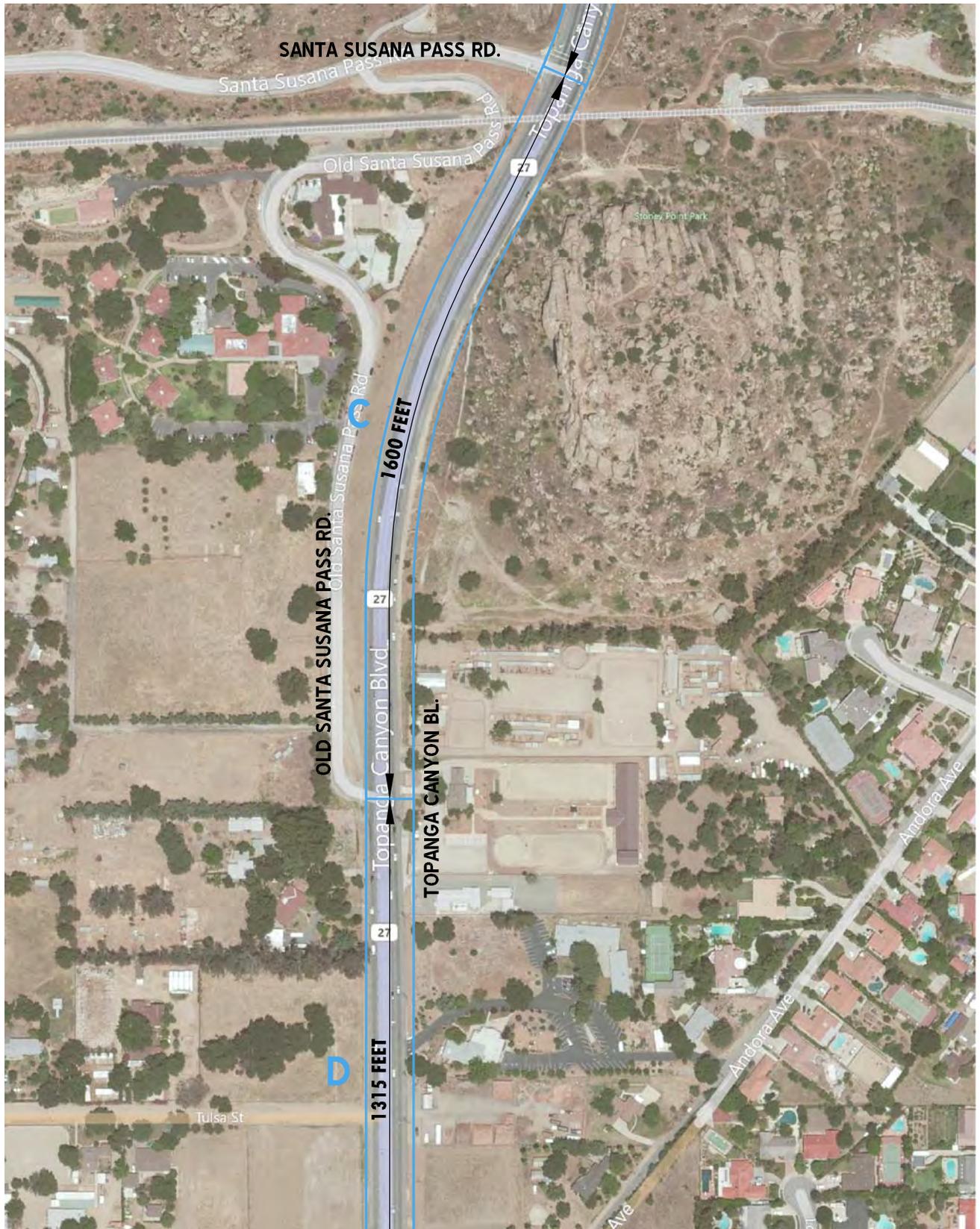
# ROSCOE BOULEVARD SEGMENT LIMITS



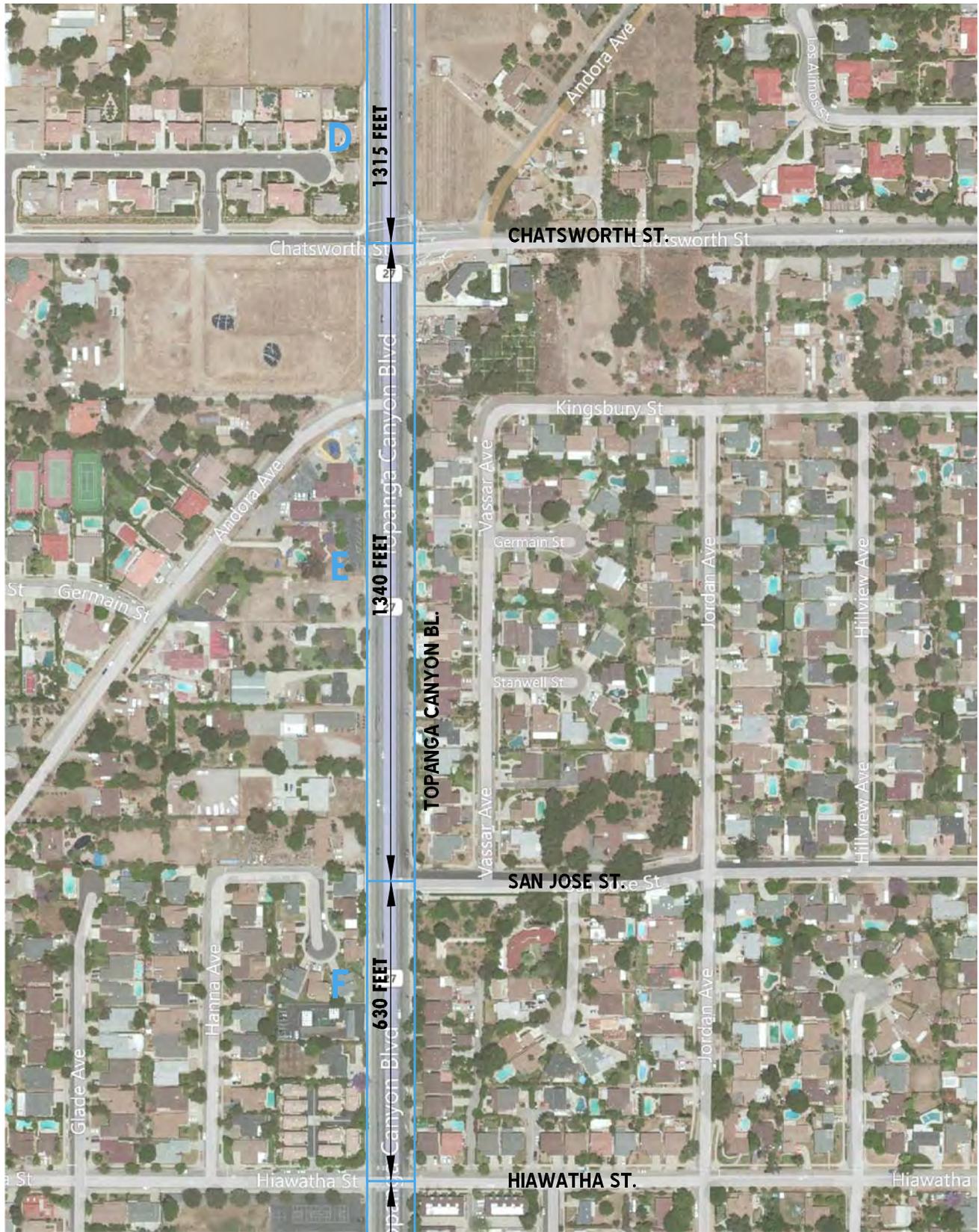
# TOPANGA CANYON BOULEVARD SEGMENT LIMITS



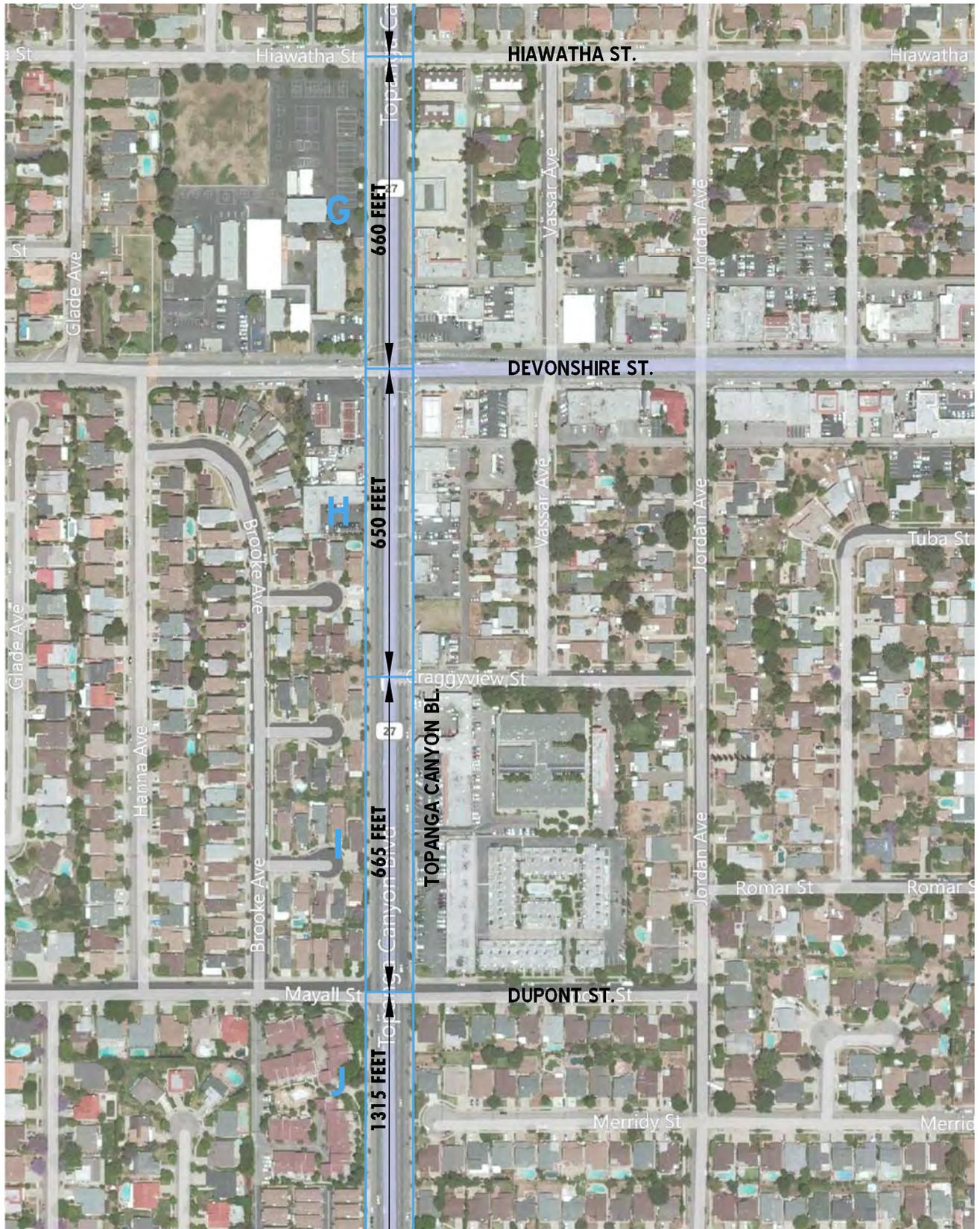
# TOPANGA CANYON BOULEVARD SEGMENT LIMITS



# TOPANGA CANYON BOULEVARD SEGMENT LIMITS



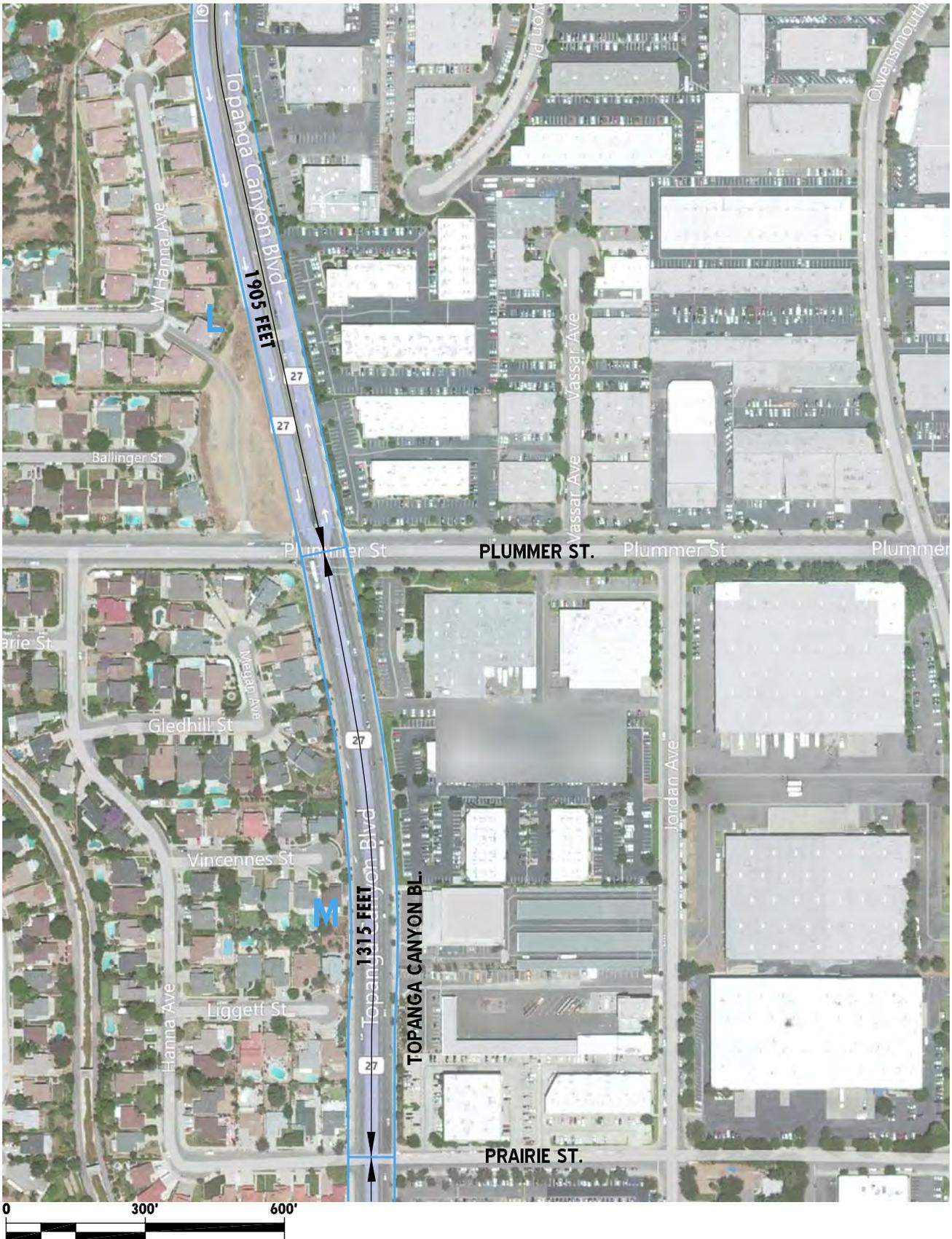
# TOPANGA CANYON BOULEVARD SEGMENT LIMITS



# TOPANGA CANYON BOULEVARD SEGMENT LIMITS



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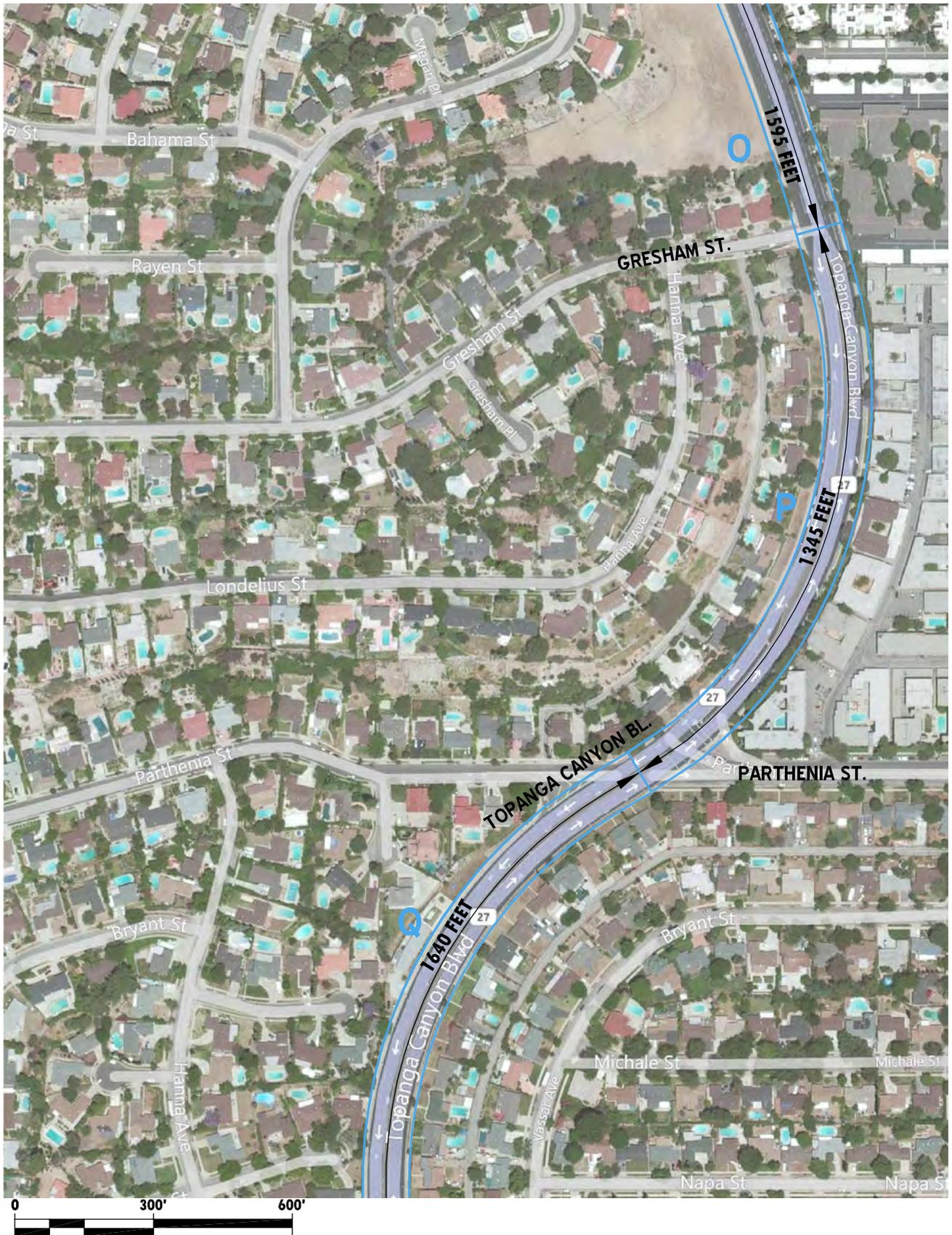
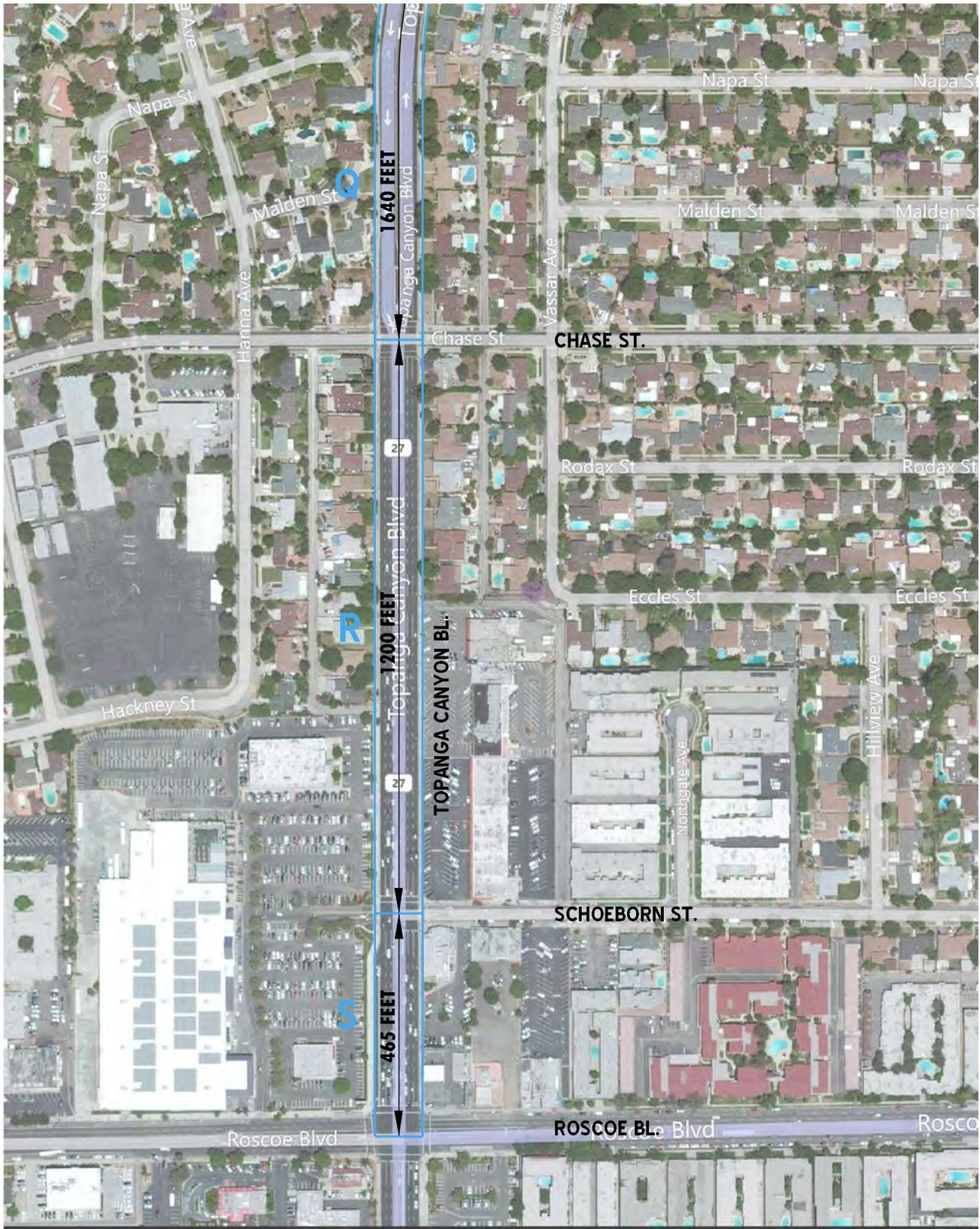


EXHIBIT G (Page 9 of 9)  
**TOPANGA CANYON BOULEVARD  
SEGMENT LIMITS**



**TABLE 1  
EXISTING ROADWAY CONDITION INVENTORY -  
WOOLSEY CANYON ROAD (Page 1 of 2)**

Index #	Roadway	DIRECTION OF TRAVEL	SEGMENT LIMITS		LENGTH	Distress Type(s)	Present Serviceability Rating (0 to 5)
			FROM	TO			
A	Woolsey Canyon Road	WB	PROJECT ENTRANCE	1/8th MILE TO EAST OF PROJECT ENTRANCE	.125 miles	Fatigue cracking, longitudinal cracking	2
		EB				Longitudinal cracking	2
B	Woolsey Canyon Road	WB	1/8th MILE TO EAST OF PROJECT ENTRANCE	1/4th MILE TO EAST OF PROJECT ENTRANCE	.125 miles	Fatigue cracking, pothole	2
		EB				Fatigue cracking	3
C	Woolsey Canyon Road	WB	1/4th MILE TO EAST OF PROJECT ENTRANCE	ROCKET DYNE ACCESS ROAD	.125 miles	Fatigue cracking, longitudinal cracking	2
		EB				Alligator cracking, longitudinal cracking	2
D	Woolsey Canyon Road	WB	ROCKET DYNE ACCESS ROAD	1/8th MILE EAST OF ROCKET DYNE ACCESS ROAD	.125 miles	Longitudinal cracking	3
		EB				Fatigue cracking	2
E	Woolsey Canyon Road	WB	1/8th MILE EAST OF ROCKET DYNE ACCESS ROAD	1/4th MILE EAST OF ROCKET DYNE ACCESS ROAD	.125 miles	Fatigue cracking	3
		EB				Fatigue cracking	3
F	Woolsey Canyon Road	WB	1/4th MILE EAST OF ROCKET DYNE ACCESS ROAD	1/8th WEST OF SUMMERWIND COURT	.125 miles	Alligator cracking, longitudinal cracking	2
		EB				Alligator cracking, longitudinal cracking	2
G	Woolsey Canyon Road	WB	1/8th WEST OF SUMMERWIND COURT	SUMMERWIND COURT	.125 miles	Block cracking, alligator cracking, longitudinal crackin	1
		EB				Alligator cracking, longitudinal cracking	1
H	Woolsey Canyon Road	WB	SUMMERWIND COURT	EAST OF SUMMERWIND COURT	.125 miles	Alligator cracking	2
		EB				Alligator cracking, longitudinal cracking	2
I	Woolsey Canyon Road	WB	EAST OF SUMMERWIND COURT	PALASIANO AVENUE CURVE (1/4th mile east of Summerwind Court)	.125 miles	Fatigue cracking	3
		EB				Fatigue Cracking	2
J	Woolsey Canyon Road	WB	PALASIANO AVENUE CURVE (1/4th mile east of Summerwind Court)	"SUMMIT" ACCESS	815 feet	Longitudinal cracking	2
		EB				Longitudinal cracking	3
K	Woolsey Canyon Road	WB	"SUMMIT" ACCESS	MOUNTAIN VIEW ESTATE	712 feet	Fatigue cracking, pothole	2
		EB				Longitudinal cracking	2
L	Woolsey Canyon Road	WB	MOUNTAIN VIEW ESTATE	ROCKY MESA PLACE	850 feet	Fatigue cracking	2
		EB				Fatigue cracking	2

**TABLE 1  
EXISTING ROADWAY CONDITION INVENTORY -  
WOOLSEY CANYON ROAD (Page 2 of 2)**

Index #	Roadway	DIRECTION OF TRAVEL	SEGMENT LIMITS		LENGTH	Distress Type(s)	Present Serviceability Rating (0 to 5)
			FROM	TO			
M	Woolsey Canyon Road	WB	ROCKY MESA PLACE	1/8TH EAST OF ROCKY MESA PLACE	.125 miles	Longitudinal cracking	3
		EB				Longitudinal cracking	3
N	Woolsey Canyon Road	WB	1/8TH EAST OF ROCKY MESA PLACE	1/4TH MILE EAST OF ROCKY MESA PLACE	.125 miles	Alligator cracking, longitudinal cracking	2
		EB				Alligator cracking, longitudinal cracking	2
O	Woolsey Canyon Road	WB	1/4TH MILE EAST OF ROCKY MESA PLACE	3/8TH MILE EAST OF ROCKY MESA PLACE	.125 miles	Fatigue cracking, pothole	2
		EB				Fatigue cracking	2
P	Woolsey Canyon Road	WB	3/8TH MILE EAST OF ROCKY MESA PLACE	½ MILE EAST OF ROCKY MESA PLACE	.125 miles	Fatigue cracking, pothole	2
		EB				Alligator cracking, longitudinal cracking	2
Q	Woolsey Canyon Road	WB	½ MILE EAST OF ROCKY MESA PLACE	1/4TH MILE WEST OF VALLEY CIRCLE BOULEVARD	.125 miles	Alligator cracking, longitudinal cracking	2
		EB				Alligator cracking, longitudinal cracking	2
R	Woolsey Canyon Road	WB	1/4TH MILE WEST OF VALLEY CIRCLE BOULEVARD	1/8TH MILE WEST OF VALLEY CIRCLE BOULEVARD	.125 miles	Alligator cracking, longitudinal cracking	2
		EB				Longitudinal cracking	2
S	Woolsey Canyon Road	WB	1/8TH MILE WEST OF VALLEY CIRCLE BOULEVARD	VALLEY CIRCLE BOULEVARD	575 feet	Alligator cracking, longitudinal cracking	2
		EB				Longitudinal cracking	2

**TABLE 2  
EXISTING ROADWAY CONDITION INVENTORY -  
VALLEY CIRCLE BOULEVARD (Page 1 of 2)**

Index #	Roadway	DIRECTION OF TRAVEL	SEGMENT LIMITS		LENGTH	Distress Type(s)	Present Serviceability Rating (0 to 5)
			FROM	TO			
A	Valley Circle Boulevard	NB	ROSCOE BOULEVARD	SCHOENBORN STREET	.125 miles	Longitudinal cracking	3
		SB				Minor fatigue cracking	3
B	Valley Circle Boulevard	NB	SCHOENBORN STREET	JENSEN DRIVE	560 feet	--	3
		SB				--	3
C	Valley Circle Boulevard	NB	JENSEN DRIVE	LOS ROSAS STREET	585 feet	--	3
		SB				Longitudinal cracking	3
D	Valley Circle Boulevard	NB	LOS ROSAS STREET	1/8TH MILE NORTH OF LOS ROSAS STREET	.125 miles	--	3
		SB				--	3
E	Valley Circle Boulevard	NB	1/8TH MILE NORTH OF LOS ROSAS STREET	.04 MILES SOUTH OF CHATLAKE	.125 miles	--	3
		SB				--	3
F	Valley Circle Boulevard	NB	.04 MILES SOUTH OF CHATLAKE	.09 MILES NORTH OF CHATLAKE DRIVE	.125 miles	--	3
		SB				--	3
G	Valley Circle Boulevard	NB	.09 MILES NORTH OF CHATLAKE DRIVE	.22 MILES NORTH OF CHATLAKE DRIVE	.125 miles	--	3
		SB				Minor fatigue cracking	3
H	Valley Circle Boulevard	NB	.22 MILES NORTH OF CHATLAKE DRIVE	.35 MILES NORTH OF CHATLAKE DRIVE	.125 miles	--	3
		SB				Minor fatigue cracking	3
I	Valley Circle Boulevard	NB	.35 MILES NORTH OF CHATLAKE DRIVE	WOOLSEY CANYON ROAD	850 feet	--	3
		SB				--	3
J	Valley Circle Boulevard	NB	WOOLSEY CANYON ROAD	1/8TH MILE NORTH OF WOOLSEY CANYON ROAD	815 feet	Longitudinal cracking	3
		SB				Longitudinal cracking	2 to 3
K	Valley Circle Boulevard	NB	1/8TH MILE NORTH OF WOOLSEY CANYON ROAD	BOX CANYON ROAD	570 feet	Longitudinal cracking	2 to 3
		SB				Fatigue cracking	3
L	Valley Circle Boulevard	NB	BOX CANYON ROAD	SARALYNN ROAD	540 feet	Longitudinal cracking	2 to 3
		SB				Longitudinal cracking	2 to 3

**TABLE 2  
EXISTING ROADWAY CONDITION INVENTORY -  
VALLEY CIRCLE BOULEVARD (Page 2 of 2)**

Index #	Roadway	DIRECTION OF TRAVEL	SEGMENT LIMITS		LENGTH	Distress Type(s)	Present Serviceability Rating (0 to 5)
			FROM	TO			
M	Valley Circle Boulevard	NB	SARALYNN ROAD	1/8TH MILE EAST OF SARALYNN ROAD	.125 miles	Fatigue cracking	2
		SB				Longitudinal cracking	2
N	Valley Circle Boulevard	NB	1/8TH MILE EAST OF SARALYNN ROAD	NOTRE DAME AVENUE	620 feet	Fatigue cracking	2
		SB				Longitudinal cracking	2 to 3
O	Valley Circle Boulevard	NB	NOTRE DAME AVENUE	LAKEVIEW TERRACE	560 feet	Alligator cracking, longitudinal cracking	2
		SB				Alligator cracking, longitudinal cracking	2
P	Valley Circle Boulevard	NB	LAKEVIEW TERRACE	HAZEL STREET	.125 miles	Longitudinal cracking	2
		SB				Longitudinal cracking	3
Q	Valley Circle Boulevard	NB	HAZEL STREET	1/8 MILE EAST OF HAZEL STREET	.125 miles	Longitudinal cracking	2 to 3
		SB				Alligator cracking, longitudinal cracking	2
R	Valley Circle Boulevard	NB	1/8 MILE EAST OF HAZEL STREET	SCHUMANN ROAD	.125 miles	--	3
		SB				Minor fatigue cracking	2
S	Valley Circle Boulevard	NB	SCHUMANN ROAD	1/8TH MILE EAST OF SCHUMANN ROAD	.125 miles	Minor fatigue cracking	2
		SB				--	3
T	Valley Circle Boulevard	NB	1/8TH MILE EAST OF SCHUMANN ROAD	1/4TH MILE EAST OF SCHUMANN ROAD	.125 miles	--	3
		SB				Fatigue cracking	2 to 3
U	Valley Circle Boulevard	NB	1/4TH MILE EAST OF SCHUMANN ROAD	560 FEET WEST OF PLUMMER STREET	.125 miles	--	3
		SB				--	3
V	Valley Circle Boulevard	NB	560 FEET WEST OF PLUMMER STREET	PLUMMER STREET	560 feet	--	3
		SB				Longitudinal cracking	2 to 3

**TABLE 3  
EXISTING ROADWAY CONDITION INVENTORY -  
PLUMMER STREET (Page 1 of 1)**

Index #	Roadway	DIRECTION OF TRAVEL	SEGMENT LIMITS		LENGTH	Distress Type(s)	Present Serviceability Rating (0 to 5)
			FROM	TO			
A	Plummer Street	WB	VALLEY CIRCLE BOULEVARD	BADEN AVENUE	770 feet		3
		EB					3
B	Plummer Street	WB	BADEN AVENUE	1/8TH MILE EAST OF BADEN AVENUE	.125 miles		3
		EB				Longitudinal cracking	3
C	Plummer Street	WB	1/8TH MILE EAST OF BADEN AVENUE	SHOUP AVENUE	.125 miles		3
		EB					3
D	Plummer Street	WB	SHOUP AVENUE	OAK LEAF DRIVE	650 feet	Longitudinal cracking	2 to 3
		EB					3
E	Plummer Street	WB	OAK LEAF DRIVE	FARRALONE AVENUE	640 feet		3
		EB					3
F	Plummer Street	WB	FARRALONE AVENUE	HANNA AVENUE	630 feet	Longitudinal cracking	3
		EB					3
G	Plummer Street	WB	HANNA AVENUE	TOPANGA CANYON BOULEVARD	530 feet		3
		EB					3

**TABLE 4  
EXISTING ROADWAY CONDITION INVENTORY -  
ROSCOE BOULEVARD (Page 1 of 2)**

Index #	Roadway	DIRECTION OF TRAVEL	SEGMENT LIMITS		LENGTH	Distress Type(s)	Present Serviceability Rating (0 to 5)
			FROM	TO			
A	Roscoe Boulevard	WB	VALLEY CIRCLE BOULEVARD	MARCH AVENUE	950 feet	Fatigue cracking, potholes	1 to 2
		EB				Alligator cracking, longitudinal cracking	2
B	Roscoe Boulevard	WB	MARCH AVENUE	HILLARY DRIVE	1050 feet	Alligator cracking, longitudinal cracking, potholes	1 to 2
		EB				Alligator cracking, longitudinal cracking, potholes	1 to 2
C	Roscoe Boulevard	WB	HILLARY DRIVE	1035 FEET WEST OF JASON AVENUE	.125 miles	Longitudinal cracking	2
		EB				Fatigue cracking	1 to 2
D	Roscoe Boulevard	WB	1035 FEET WEST OF JASON AVENUE	JASON AVENUE	1035 feet	Alligator cracking, longitudinal cracking, potholes	2
		EB				Longitudinal cracking	2
E	Roscoe Boulevard	WB	JASON AVENUE	WOODLAKE AVENUE	1080 feet	Alligator cracking, longitudinal cracking	2
		EB				Fatigue cracking	2
F	Roscoe Boulevard	WB	WOODLAKE AVENUE	SEDAN AVENUE	735 feet	Alligator cracking, longitudinal cracking	1 to 2
		EB				Fatigue cracking	2
G	Roscoe Boulevard	WB	SEDAN AVENUE	LENA AVENUE	740 feet	Fatigue cracking	2
		EB				Fatigue cracking	2
H	Roscoe Boulevard	WB	LENA AVENUE	PRIVATE OFFICE ACCESS (.125 MILES WEST OF FALLBROOK AVENUE)	775 feet	Fatigue cracking	2
		EB				Alligator cracking, longitudinal cracking	1 to 2
I	Roscoe Boulevard	WB	PRIVATE OFFICE ACCESS (.125 MILES WEST OF FALLBROOK AVENUE)	FALLBROOK AVENUE	.125 miles	Longitudinal cracking	1 to 2
		EB				Alligator cracking, longitudinal joint cracking	1 to 2
J	Roscoe Boulevard	WB	FALLBROOK AVENUE	785 FEET WEST OF SALE AVENUE	.125 miles	--	3
		EB				--	3
K	Roscoe Boulevard	WB	785 FEET WEST OF SALE AVENUE	SALE AVENUE	785 feet	--	3
		EB				--	3
L	Roscoe Boulevard	WB	SALE AVENUE	CAPISTRANO AVENUE	.125 miles	--	2 to 3
		EB				--	3

**TABLE 4  
EXISTING ROADWAY CONDITION INVENTORY -  
ROSCOE BOULEVARD (Page 2 of 2)**

Index #	Roadway	DIRECTION OF TRAVEL	SEGMENT LIMITS		LENGTH	Distress Type(s)	Present Serviceability Rating (0 to 5)
			FROM	TO			
M	Roscoe Boulevard	WB	CAPISTRANO AVENUE	SHOUP AVENUE	760 feet	--	3
		EB				--	3
N	Roscoe Boulevard	WB	SHOUP AVENUE	775 FEET WEST OF FARRALONE AVENUE	.125 miles	--	3
		EB				--	3
O	Roscoe Boulevard	WB	775 FEET WEST OF FARRALONE AVENUE	FARRALONE AVENUE	775 feet	--	3
		EB				--	3
P	Roscoe Boulevard	WB	FARRALONE AVENUE	800 FEET WEST OF TOPANGA CANYON BOULEVARD	.125 miles	Minor fatigue cracking	2 to 3
		EB				--	3
Q	Roscoe Boulevard	WB	800 FEET WEST OF TOPANGA CANYON BOULEVARD	TOPANGA CANYON BOULEVARD	800 feet	--	3
		EB				--	3

**TABLE 5  
EXISTING ROADWAY CONDITION INVENTORY -  
TOPANGA CANYON BOULEVARD (Page 1 of 2)**

Index #	Roadway	DIRECTION OF TRAVEL	SEGMENT LIMITS		LENGTH	Distress Type(s)	Present Serviceability Rating (0 to 5)
			FROM	TO			
A	Topanga Canyon Boulevard	NB	SR-118 WB RAMPS	SR-118 EB RAMPS	320 feet	Fatigue cracking, longitudinal cracking	3
		SB				Fatigue cracking, longitudinal cracking	2 to 3
B	Topanga Canyon Boulevard	NB	SR-118 EB RAMPS	SANTA SUSANA PASS ROAD	1855 feet	Fatigue cracking, longitudinal cracking	2 to 3
		SB				Fatigue cracking, longitudinal cracking	3
C	Topanga Canyon Boulevard	NB	SANTA SUSANA PASS ROAD	OLD SANTA SUSANA PASS ROAD	1600 feet	--	3
		SB				--	3
D	Topanga Canyon Boulevard	NB	OLD SANTA SUSANA PASS ROAD	CHATSWORTH STREET	1315 feet	Longtudinal cracking	2 to 3
		SB				Longtudinal cracking	2 to 3
E	Topanga Canyon Boulevard	NB	CHATSWORTH STREET	SAN JOSE STREET	1340 feet	--	3
		SB				--	3
F	Topanga Canyon Boulevard	NB	SAN JOSE STREET	HIAWATHA STREET	630 feet	Longtudinal cracking	2 to 3
		SB				Alligator cracking, longitudinal cracking	2 to 3
G	Topanga Canyon Boulevard	NB	HIAWATHA STREET	DEVONSHIRE STREET	660 feet	Fatigue cracking, longitudinal cracking	2 to 3
		SB				Fatigue cracking, longitudinal cracking	2 to 3
H	Topanga Canyon Boulevard	NB	DEVONSHIRE STREET	CRAGGYVIEW STREET	650 feet	--	3
		SB				--	3
I	Topanga Canyon Boulevard	NB	CRAGGYVIEW STREET	DUPONT STREET	665 feet	--	3
		SB				--	3
J	Topanga Canyon Boulevard	NB	DUPONT STREET	LASSEN STREET	1315 feet	--	4
		SB				--	4
K	Topanga Canyon Boulevard	NB	LASSEN STREET	MARILLA STREET	835 feet	--	3
		SB				--	3
L	Topanga Canyon Boulevard	NB	MARILLA STREET	PLUMMER STREET	1905 feet	--	3
		SB				--	3

**TABLE 5  
EXISTING ROADWAY CONDITION INVENTORY -  
TOPANGA CANYON BOULEVARD (Page 2 of 2)**

Index #	Roadway	DIRECTION OF TRAVEL	SEGMENT LIMITS		LENGTH	Distress Type(s)	Present Serviceability Rating (0 to 5)
			FROM	TO			
M	Topanga Canyon Boulevard	NB	PLUMMER STREET	PRAIRIE STREET	1315 feet	--	3
		SB				--	3
N	Topanga Canyon Boulevard	NB	PRAIRIE STREET	NORDOFF STREET	1390 feet	--	3
		SB				--	3
O	Topanga Canyon Boulevard	NB	NORDOFF STREET	GRESHAM STREET	1595 feet	--	3
		SB				--	3
P	Topanga Canyon Boulevard	NB	GRESHAM STREET	PARTHENIA STREET	1345 feet	--	3
		SB				--	3
Q	Topanga Canyon Boulevard	NB	PARTHENIA STREET	CHASE STREET	1640 feet	--	3
		SB				--	3
R	Topanga Canyon Boulevard	NB	CHASE STREET	SCHOEBURN STREET	1200 feet	--	3
		SB				--	3
S	Topanga Canyon Boulevard	NB	SCHOEBURN STREET	ROSCOE BOULEVARD	465 feet	--	3
		SB				--	3

**TABLE 6**

**SEGMENT COST ESTIMATIONS**

SEGMENT	FROM	TO	Approx. Length (Ft.)	Gutter Lane width	Pavement Depth (Ft.) <sup>1</sup>	AC-Tons	Total Cost (\$120/ton)	Cost Per Year (15 Yr Life)
<b>POTENTIAL TRUCK ROUTE A</b>								
WOOLSEY CANYON ROAD	PROJECT ENTRANCE	VALLEY CIRCLE BOULEVARD	12,852	22	0.50	10,249	\$1,229,880	\$81,992
VALLEY CIRCLE BOULEVARD	WOOLSEY CANYON ROAD	PLUMMER STREET	8,285	22	0.50	6,607	\$792,840	\$52,856
PLUMMER STREET	VALLEY CIRCLE BOULEVARD	TOPANGA CANYON BOULEVARD	4,540	22	0.50	3,621	\$434,520	\$28,968
TOPANGA CANYON BOULEVARD	PLUMMER STREET	SR-118 WB RAMPS	13,090	22	0.67	13,989	\$1,678,680	\$111,912
<b>POTENTIAL TRUCK ROUTE A SUBTOTALS</b>						<b>34,466</b>	<b>\$4,135,920</b>	<b>\$275,728</b>
<b>POTENTIAL TRUCK ROUTE B</b>								
WOOLSEY CANYON ROAD	PROJECT ENTRANCE	VALLEY CIRCLE BOULEVARD	12,852	22	0.50	10249	\$1,229,880	\$81,992
VALLEY CIRCLE BOULEVARD	WOOLSEY CANYON ROAD	ROSCOE BOULEVARD	5,955	22	0.50	4,749	\$569,880	\$37,992
ROSCOE BOULEVARD	VALLEY CIRCLE BOULEVARD	TOPANGA CANYON BOULEVARD	13,445	22	0.50	10,722	\$1,286,640	\$85,776
TOPANGA CANYON BOULEVARD	ROSCOE BOULEVARD	PLUMMER STREET	8,950	22	0.67	9,564	\$1,147,680	\$76,512
TOPANGA CANYON BOULEVARD	PLUMMER STREET	SR-118 WB RAMPS	13,090	22	0.67	13989	\$1,678,680	\$111,912
<b>POTENTIAL TRUCK ROUTE B SUBTOTALS</b>						<b>49,273</b>	<b>\$5,912,760</b>	<b>\$394,184</b>

<sup>1</sup> Pavement depths have been obtained from the City of Los Angeles' Bureau of Engineering - Manual on Street Design (prepared by Robert Horii [Los Angeles City Engineer] and dated July 1986).

**TABLE 7**

**COST SHARE CALCULATION<sup>1</sup>**

SEGMENT	FROM	TO	TOTAL COST PER YEAR <sup>2</sup>	PROJECT DURATION (YEARS)	TOTAL COST (cost per year x 3 years)	EXISTING TRUCKS PER DAY	PROJECT TRUCKS PER DAY	TOTAL TRUCKS WITH PROJECT (PER DAY)	PROJECT % OF TRUCKS	COST SHARE
<b>POTENTIAL TRUCK ROUTE A</b>										
WOOLSEY CANYON ROAD	PROJECT ENTRANCE	VALLEY CIRCLE BOULEVARD	\$ 81,992	3	\$ 245,976	152	144	296	49%	\$ 40,176
VALLEY CIRCLE BOULEVARD <sup>3</sup>	WOOLSEY CANYON ROAD	PLUMMER STREET	\$ 52,856	3	\$ 158,568	204	144	348	41%	\$ 21,671
PLUMMER STREET	VALLEY CIRCLE BOULEVARD	TOPANGA CANYON BOULEVARD	\$ 28,968	3	\$ 86,904	256	144	400	36%	\$ 10,428
TOPANGA CANYON BOULEVARD <sup>4</sup>	PLUMMER STREET	SR-118 WB RAMPS	\$ 111,912	3	\$ 335,736	2,057	144	2,201	7%	\$ 7,834
<b>POTENTIAL TRUCK ROUTE A SUBTOTALS</b>			--	--	<b>\$ 827,184</b>	--	--	--	--	<b>\$ 80,109</b>
<b>POTENTIAL TRUCK ROUTE B</b>										
WOOLSEY CANYON ROAD	PROJECT ENTRANCE	VALLEY CIRCLE BOULEVARD	\$ 81,992	3	\$ 245,976	152	144	296	49%	\$ 40,176
VALLEY CIRCLE BOULEVARD <sup>3</sup>	WOOLSEY CANYON ROAD	ROSCOE BOULEVARD	\$ 37,992	3	\$ 113,976	204	144	348	41%	\$ 15,577
ROSCOE BOULEVARD	VALLEY CIRCLE BOULEVARD	TOPANGA CANYON BOULEVARD	\$ 85,776	3	\$ 257,328	350	144	494	29%	\$ 24,875
TOPANGA CANYON BOULEVARD <sup>4</sup>	ROSCOE BOULEVARD	PLUMMER STREET	\$ 76,512	3	\$ 229,536	2,057	144	2,201	7%	\$ 5,356
TOPANGA CANYON BOULEVARD <sup>4</sup>	PLUMMER STREET	SR-118 WB RAMPS	\$ 111,912	3	\$ 335,736	2,057	144	2,201	7%	\$ 7,834
<b>POTENTIAL TRUCK ROUTE B SUBTOTALS</b>			--	--	<b>\$1,182,552</b>	--	--	--	--	<b>\$ 93,818</b>

<sup>1</sup> The demolition and clean-up project proposes to generate approximately 144 truck trips per day for an estimated two (2) to three (3) years. For conservative purposes, a duration of three (3) years has been used in this analysis

<sup>2</sup> Total costs copied from Table 7.

<sup>3</sup> Count data has been estimated by averaging the actual counts obtained for Woolsey Canyon Road (152) and Plummer Street (204)

<sup>4</sup> Count data has been obtained from the California Department of Transportation (Caltrans).

**ATTACHMENT A**

WOOLSEY CANYON ROAD PHOTOS

**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "A"** = FROM PROJECT ENTRANCE TO 1/8<sup>th</sup> MILE TO EAST OF PROJECT ENTRANCE

---

**WESTBOUND**



**EASTBOUND**



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "B"** = FROM 1/8<sup>th</sup> MILE TO EAST OF PROJECT ENTRANCE **TO** 1/4<sup>th</sup> MILE  
TO EAST OF PROJECT ENTRANCE

---

WESTBOUND



EASTBOUND



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "C"** = FROM 1/4<sup>th</sup> MILE TO EAST OF PROJECT ENTRANCE TO ROCKET  
DYNE ACCESS ROAD

---

WESTBOUND



EASTBOUND



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "D"** = ROCKET DYNE ACCESS ROAD TO 1/8<sup>th</sup> MILE EAST OF ROCKET  
DYNE ACCESS ROAD

---

**WESTBOUND**



**EASTBOUND**



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "E"** = FROM 1/8<sup>th</sup> EAST OF ROCKET DYNE ACCESS ROAD TO 1/4<sup>th</sup> MILE EAST OF ROCKET DYNE ACCESS ROAD

---

**WESTBOUND**



**EASTBOUND**



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "F"** = FROM 1/4<sup>th</sup> MILE EAST OF ROCKET DYNE ACCESS ROAD TO 1/8<sup>th</sup>  
WEST OF SUMMERWIND COURT

---

**WESTBOUND**



:52

**EASTBOUND**



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "G"** = FROM 1/8<sup>th</sup> WEST OF SUMMERWIND COURT TO SUMMERWIND COURT

---

WESTBOUND



:24

EASTBOUND



3:27

**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "H"** = FROM SUMMERWIND COURT TO 1/8<sup>th</sup> MILE TO EAST OF  
SUMMERWIND COURT

---

**WESTBOUND**



**EASTBOUND**



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "I"** = FROM 1/8<sup>th</sup> MILE EAST OF SUMMERWIND COURT TO PALASIANO AVENUE CURVE (1/4<sup>th</sup> mile east of Summerwind Court)

---

**WESTBOUND**



**EASTBOUND**



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "J"** = FROM 1/4<sup>th</sup> MILE EAST OF SUMMERWIND COURT TO "SUMMIT"  
ACCESS

---

**WESTBOUND**



33:53

**EASTBOUND**



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "K"** = FROM "SUMMIT" ACCESS TO MOUNTAIN VIEW ESTATE

---

WESTBOUND



33:44

EASTBOUND



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "L"** =MOUNTAIN VIEW ESTATE TO ROCKY MESA PLACE

---

WESTBOUND



33:16

EASTBOUND



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "M"** = ROCKY MESA PLACE TO 1/8<sup>TH</sup> EAST OF ROCKY MESA PLACE

---

WESTBOUND



32:40

EASTBOUND



6:00

**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "N"** =1/8<sup>TH</sup> MILE EAST OF ROCKY MESA PLACE TO 1/4<sup>TH</sup> MILE EAST OF  
ROCKY MESA PLACE

---

WESTBOUND



EASTBOUND



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "O"** = 1/4<sup>TH</sup> MILE EAST OF ROCKY MESA PLACE TO 3/8<sup>TH</sup> MILE EAST OF  
ROCKY MESA PLACE

---

WESTBOUND



31:44

EASTBOUND



6:50

**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "P"** = 3/8<sup>TH</sup> MILE EAST OF ROCKY MESA PLACE TO 1/2 MILE EAST OF ROCKY MESA PLACE

---

**WESTBOUND**



**EASTBOUND**



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "Q"** = ½ MILE EAST OF ROCKY MESA PLACE TO 1/4<sup>TH</sup> MILE WEST OF VALLEY CIRCLE BOULEVARD

---

WESTBOUND



30:55

EASTBOUND



7:31

**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "R"** =1/4<sup>TH</sup> MILE WEST OF VALLEY CIRCLE BOULEVARD TO 1/8<sup>TH</sup> MILE WEST OF VALLEY CIRCLE BOULEVARD

---

**WESTBOUND**



30:36

**EASTBOUND**



**ROAD:** WOOLSEY CANYON ROAD

**SEGMENT "S"** = 1/8<sup>TH</sup> MILE WEST OF VALLEY CIRCLE BOULEVARD TO VALLEY CIRCLE BOULEVARD

---

**WESTBOUND**



30:02

**EASTBOUND**



**ATTACHMENT B**

VALLEY CIRCLE BOULEVARD PHOTOS

**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "A"** = FROM ROSCOE BOULEVARD TO SCHOENBORN STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "B"** = FROM SCHOENBORN STREET TO JENSEN DRIVE

---

NORTHBOUND



SOUTHBOUND



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "C"** = FROM JENSEN DRIVE TO LOS ROSAS STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "D"** = FROM LOS ROSAS STREET TO 1/8<sup>TH</sup> MILE NORTH OF LOS ROSAS STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "E"** = FROM 1/8<sup>TH</sup> MILE NORTH OF LOS ROSAS STREET TO .04 MILES SOUTH OF CHATLAKE

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "F"** = FROM .04 MILES SOUTH OF CHATLAKE DRIVE TO .09 MILES  
NORTH OF CHATLAKE DRIVE

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "G"** = FROM .09 MILES NORTH OF CHATLAKE DRIVE TO .22 MILES  
NORTH OF CHATLAKE DRIVE

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "H"** = FROM .22 MILES NORTH OF CHATLAKE DRIVE TO .35 MILES  
NORTH OF CHATLAKE DRIVE

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "I"** = FROM .35 MILES NORTH OF CHATLAKE DRIVE TO WOOLSEY CANYON ROAD

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "J"** = FROM WOOLSEY CANYON ROAD TO 1/8<sup>TH</sup> MILE NORTH OF  
WOOLSEY CANYON ROAD

---

NORTHBOUND



SOUTHBOUND



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "K"** = FROM 1/8<sup>TH</sup> MILE NORTH OF WOOLSEY CANYON ROAD TO BOX CANYON ROAD

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD: VALLEY CIRCLE BOULEVARD**

**SEGMENT "L" = FROM BOX CANYON ROAD TO SARALYNN ROAD**

---

NORTHBOUND



SOUTHBOUND



**ROAD**: VALLEY CIRCLE BOULEVARD

**SEGMENT "M"** = FROM SARALYNN ROAD TO 1/8<sup>TH</sup> MILE EAST OF SARALYNN ROAD

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "N"** = FROM 1/8<sup>TH</sup> MILE EAST OF SARALYNN ROAD TO NOTRE DAME AVENUE

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "O"** = FROM NOTRE DAME AVENUE TO LAKEVIEW TERRACE

---

NORTHBOUND



SOUTHBOUND



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "P"** = FROM LAKEVIEW TERRACE TO HAZEL STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "Q"** = FROM HAZEL STREET TO 1/8 MILE EAST OF HAZEL STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "R"** = FROM 1/8 MILE EAST OF HAZEL STREET TO SCHUMANN ROAD

---

NORTHBOUND



SOUTHBOUND



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "S"** = FROM SCHUMANN ROAD TO 1/8<sup>TH</sup> MILE EAST OF SCHUMANN ROAD

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "T"** = FROM 1/8<sup>TH</sup> MILE EAST OF SCHUMANN ROAD TO 1/4<sup>TH</sup> MILE EAST OF SCHUMANN ROAD

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "U"** = FROM 1/4<sup>TH</sup> MILE EAST OF SCHUMANN ROAD **TO** 560 FEET WEST OF PLUMMER STREET

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** VALLEY CIRCLE BOULEVARD

**SEGMENT "V"** = FROM 560 FEET WEST OF PLUMMER STREET TO PLUMMER STREET

---

NORTHBOUND



12:44

SOUTHBOUND



**ATTACHMENT C**

PLUMMER STREET PHOTOS

**ROAD:** PLUMMER STREET

**SEGMENT "A"** = FROM VALLEY CENTER BOULEVARD TO BADEN AVENUE

---

WESTBOUND



EASTBOUND



**ROAD:** PLUMMER STREET

**SEGMENT "B"** = FROM BADEN AVENUE TO 1/8<sup>TH</sup> MILE EAST OF BADEN AVENUE

---

WESTBOUND



EASTBOUND



**ROAD:** PLUMMER STREET

**SEGMENT "C"** = FROM 1/8<sup>TH</sup> MILE EAST OF BADEN AVENUE TO SHOUP AVENUE

---

WESTBOUND



EASTBOUND



**ROAD:** PLUMMER STREET

**SEGMENT "D"** = FROM SHOUP AVENUE TO OAK LEAF DRIVE

---

WESTBOUND



EASTBOUND



**ROAD:** PLUMMER STREET

**SEGMENT "E"** = FROM OAK LEAF DRIVE TO FARRALONE AVENUE

---

WESTBOUND



EASTBOUND



**ROAD:** PLUMMER STREET

**SEGMENT "F"** = FROM FARRALONE AVENUE TO HANNA AVENUE

---

WESTBOUND



EASTBOUND



**ROAD:** PLUMMER STREET

**SEGMENT "G"** = FROM HANNA AVENUE TO TOPANGA CANYON BOULEVARD

---

WESTBOUND



EASTBOUND



**ATTACHMENT D**

ROSCOE BOULEVARD PHOTOS

**ROAD:** ROSCOE BOULEVARD

**SEGMENT "A"** = VALLEY CIRCLE BOULEVARD TO MARCH AVENUE

---

WESTBOUND



25:20

EASTBOUND



13:15

**ROAD:** ROSCOE BOULEVARD

**SEGMENT "B"** = MARCH AVENUE TO HILLARY DRIVE

---

WESTBOUND



EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "C"** = HILLARY DRIVE TO 1,035 FEET WEST OF JASON AVENUE

---

WESTBOUND



23:58

EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "D"** = 1,035 FEET WEST OF JASON AVENUE **TO** JASON AVENUE

---

WESTBOUND



23:44

EASTBOUND



14:56

**ROAD:** ROSCOE BOULEVARD

**SEGMENT "E"** = JASON AVENUE TO WOODLAKE AVENUE

---

WESTBOUND



23:22

EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "F"** = WOODLAKE AVENUE TO SEDAN AVENUE

---

WESTBOUND



23:12

EASTBOUND



**ROAD: ROSCOE BOULEVARD**

**SEGMENT "G" = SEDAN AVENUE TO LENA AVENUE**

---

WESTBOUND



22:46

EASTBOUND



16:21

**ROAD:** ROSCOE BOULEVARD

**SEGMENT "H"** = LENA AVENUE TO PRIVATE OFFICE ACCESS (0.125 MILES WEST OF FALLBROOK AVENUE)

---

WESTBOUND



22:21

EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "I"** = FROM PRIVATE OFFICE ACCESS (0.125 MILES WEST OF FALLBROOK AVENUE) **TO** FALLBROOK AVENUE

---

**WESTBOUND**



**EASTBOUND**



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "J"** = FALLBROOK AVENUE TO 785 FEET WEST OF SALE AVENUE

---

WESTBOUND



20:33

EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "K"** = 785 FEET WEST OF SALE AVENUE **TO** SALE AVENUE

---

WESTBOUND



20:04

EASTBOUND



**ROAD: ROSCOE BOULEVARD**

**SEGMENT "L" = SALE AVENUE TO CAPISTRANO AVENUE**

---

WESTBOUND



19:42

EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "M"** = CAPISTRANO AVENUE TO SHOUP AVENUE

---

WESTBOUND



19:23

EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "N"** = SHOUP AVENUE TO 775 FEET WEST OF FARRALONE AVENUE

---

WESTBOUND



19:05

EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "O"** = 775 FEET WEST OF FARRALONE AVENUE **TO** FARRALONE AVENUE

---

WESTBOUND



18:43

EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "P"** = FARRALONE AVENUE TO 800 FEET WEST OF TOPANGA CANYON BOULEVARD

---

WESTBOUND



18:06

EASTBOUND



**ROAD:** ROSCOE BOULEVARD

**SEGMENT "Q"** = 800 FEET WEST OF TOPANGA CANYON BOULEVARD TO  
TOPANGA CANYON BOULEVARD

---

**WESTBOUND**



17:51

**EASTBOUND**



**ATTACHMENT E**

TOPANGA CANYON BOULEVARD PHOTOS

**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "A"** = FROM SR-118 WB RAMPS TO SR-118 EB RAMPS

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "B"** = FROM SR-118 EB RAMPS TO SANTA SUSANA PASS ROAD

---

NORTHBOUND



SOUTHBOUND



**ROAD**: TOPANGA CANYON BOULEVARD

**SEGMENT "C"** = FROM SANTA SUSANA PASS ROAD TO OLD SANTA SUSANA PASS ROAD

---

**NORTHBOUND**



**SOUTHBOUND**



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "D" = FROM OLD SANTA SUSANA PASS ROAD TO CHATSWORTH STREET**

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "E"** = FROM CHATSWORTH STREET TO SAN JOSE STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "F"** = FROM SAN JOSE STREET TO HIAWATHA STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "G"** = FROM HIAWATHA STREET TO DEVONSHIRE STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "H"** = FROM DEVONSHIRE STREET TO CRAGGYVIEW STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "I"** = FROM CRAGGYVIEW STREET TO DUPONT STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "J"** = FROM DUPONT STREET TO LASSEN STREET

---

NORTHBOUND



SOUTHBOUND



9:03

**ROAD**: TOPANGA CANYON BOULEVARD

**SEGMENT "K"** = FROM LASSEN STREET TO MARILLA STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD: TOPANGA CANYON BOULEVARD**

**SEGMENT "L" = FROM MARILLA STREET TO PLUMMER STREET**

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "M"** = FROM PLUMMER STREET TO PRAIRIE STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "N"** = FROM PRAIRIE STREET TO NORDOFF STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD: TOPANGA CANYON BOULEVARD**

**SEGMENT "O" = FROM NORDOFF STREET TO GRESHAM STREET**

---

NORTHBOUND



SOUTHBOUND



**ROAD**: TOPANGA CANYON BOULEVARD

**SEGMENT "P"** = FROM GRESHAM STREET TO PARTHENIA STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

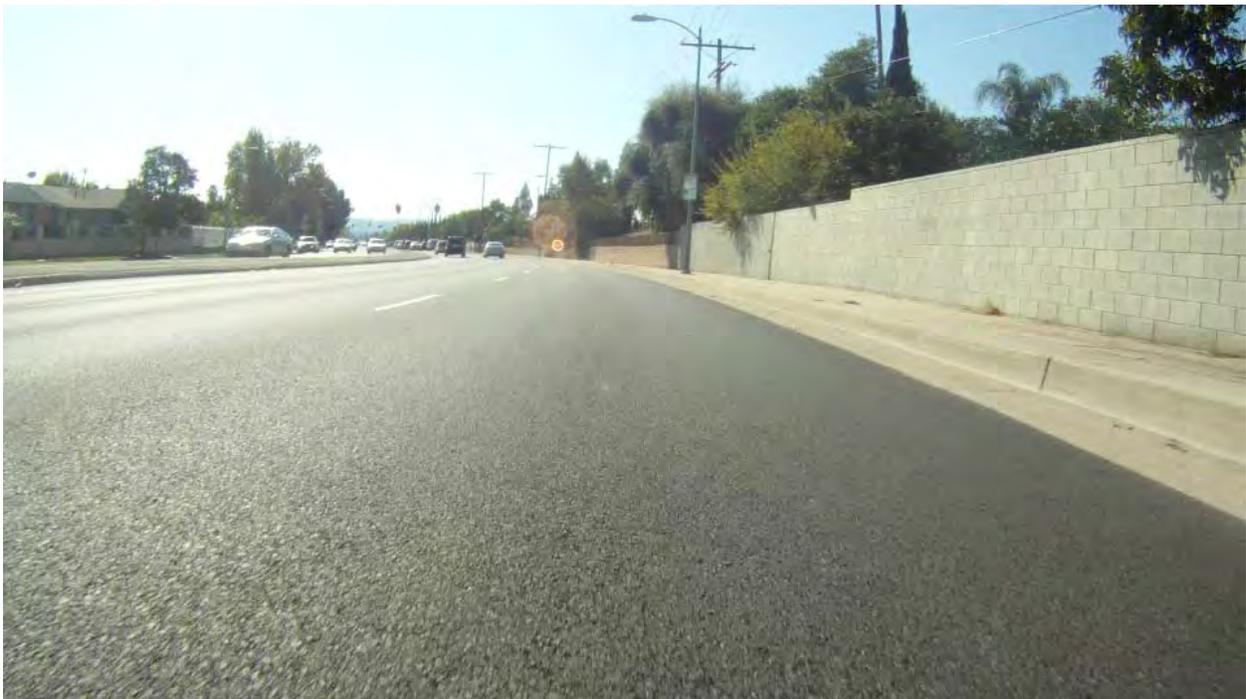
**SEGMENT "Q"** = FROM PARTHENIA STREET TO CHASE STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "R"** = FROM CHASE STREET TO SCHOEBURN STREET

---

NORTHBOUND



SOUTHBOUND



**ROAD:** TOPANGA CANYON BOULEVARD

**SEGMENT "S"** = FROM SCHOEBURN STREET **TO** ROSCOE BOULEVARD

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NORTHBOUND



SOUTHBOUND



**ATTACHMENT F**

COUNT DATA

Woolsey Canyon Road -w/o Valley Circle Blvd  
THURSDAY

TIME	Total	Auto	MT	HT	total by hour
12	22	21	1	0	1.10%
1	5	5	0	0	0.25%
2	8	8	0	0	0.40%
3	9	9	0	0	0.45%
4	13	12	1	0	0.65%
5	77	69	2	6	3.85%
6	96	83	8	5	4.80%
7	147	134	4	9	7.34%
8	116	100	8	8	5.79%
9	88	82	4	2	4.40%
10	80	66	10	4	4.00%
11	106	93	10	3	5.29%
12	104	88	5	11	5.19%
13	87	80	5	2	4.35%
14	102	95	5	2	5.09%
15	124	113	9	2	6.19%
16	154	145	7	2	7.69%
17	155	146	8	1	7.74%
18	138	136	1	1	6.89%
19	111	108	2	1	5.54%
20	96	93	0	3	4.80%
21	67	67	0	0	3.35%
22	49	49	0	0	2.45%
23	48	48	0	0	2.40%
2002	1850		90	62	100.00%

↓  
152 trucks per day

Plummer Street - B/Valley Circle Blvd - Topanga Canyon BI  
THURSDAY

TIME	Total	Auto	MT	HT	total by hour
12	46	43	3	0	0.85%
1	36	35	1	0	0.66%
2	15	15	0	0	0.28%
3	12	11	1	0	0.22%
4	11	11	0	0	0.20%
5	80	75	4	1	1.47%
6	198	183	11	4	3.64%
7	493	479	12	2	9.07%
8	455	436	15	4	8.37%
9	277	265	11	1	5.09%
10	235	216	18	1	4.32%
11	258	241	16	1	4.75%
12	279	263	10	6	5.13%
13	275	254	15	6	5.06%
14	280	261	15	4	5.15%
15	338	313	24	1	6.22%
16	414	395	17	2	7.61%
17	490	474	16	0	9.01%
18	417	409	6	2	7.67%
19	295	287	8	0	5.43%
20	210	199	9	2	3.86%
21	161	159	1	1	2.96%
22	95	93	2	0	1.75%
23	67	64	3	0	1.23%
	5437	5181	218	38	100.00%



256 trucks per day

Roscoe Blvd - B/Valley Circle Blvd - Topanga Canyon Bl  
THURSDAY

TIME	Total	Auto	MT	HT	total by hour
12	58	54	4	0	0.73%
1	16	16	0	0	0.20%
2	16	16	0	0	0.20%
3	10	10	0	0	0.13%
4	20	20	0	0	0.25%
5	56	48	0	8	0.70%
6	180	154	18	8	2.25%
7	526	486	24	16	6.58%
8	486	456	26	4	6.08%
9	402	374	28	0	5.03%
10	380	358	14	8	4.75%
11	406	380	18	8	5.08%
12	374	344	26	4	4.68%
13	350	330	16	4	4.38%
14	384	370	12	2	4.80%
15	572	546	22	4	7.15%
16	750	732	14	4	9.38%
17	840	814	24	2	10.51%
18	682	666	16	0	8.53%
19	500	492	8	0	6.25%
20	366	360	4	2	4.58%
21	312	310	2	0	3.90%
22	194	194	0	0	2.43%
23	116	116	0	0	1.45%
	7996	7646	276	74	100.00%



350 trucks per day

TOPANGA CANYON ADTS  
FROM CALTRANS WEBSITE

Route	District	County	Postmile	Leg	AADT Total	Total Trucks	Description
27	7	LA	0	A	14700	245	JCT. RTE. 1, PACIFIC COAST HIGHWAY
27	7	LA	12.276	B	32000	710	LOS ANGELES, VENTURA BOULEVARD
27	7	LA	12.43	A	50000	1615	LOS ANGELES, JCT. RTE. 101, VENTURA FREE
27	7	LA	12.43	B	64000	2189	LOS ANGELES, JCT. RTE. 101, VENTURA FREE
27	7	LA	20.062	B	42500	2057	LOS ANGELES, JCT. RTE. 118, RONALD REAGA