

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



931A

**FROM:** TLMA-Transportation Department

**SUBMITTAL DATE:**  
April 8, 2014

**SUBJECT:** Ordinance No. 452.236 to Establish Speed Zones Enforceable by Radar Speed Detection Equipment – Bermuda Dunes, Cherry Valley, Lake Mathews, Murrieta, Nuevo, and Temescal Canyon Areas. 1<sup>st</sup>/1<sup>st</sup>, 3<sup>rd</sup>/3<sup>rd</sup>, 4<sup>th</sup>/4<sup>th</sup>, and 5<sup>th</sup>/5<sup>th</sup> Districts. [\$6,400]; Local Funds 100%

**RECOMMENDED MOTION:** That the Board of Supervisors introduce and adopt, on successive meetings, Ordinance No. 452.236, amending Ordinance No. 452 relating to prima facie speed limits to establish various speed zones in the above-referenced areas of Riverside County.

**BACKGROUND:**

**Summary**

Transportation Department staff has conducted Engineering and Traffic Surveys (E&TS) in accordance with the California Vehicle Code (CVC), Sections 627 and 40802, for various county-maintained roads in Bermuda Dunes, Cherry Valley, Lake Mathews, Murrieta, Nuevo, and Temescal Canyon areas of Riverside County.

FORM APPROVED COUNTY COUNSEL  
BY: BRUCE G. FORDON  
DATE: 3/26/14  
Departmental Concurrence

  
**Patricia Romo** Juan C. Perez  
Assistant Director of Transportation Director of Transportation and Land Management

LTT: sa

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 6,400	\$ 0	\$ 6,400	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0	

**SOURCE OF FUNDS:** Gas Tax (100%)

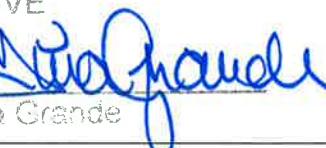
Budget Adjustment: No

There are no General Funds used in this project.

For Fiscal Year: 2013/2014

**C.E.O. RECOMMENDATION:**

APPROVE

  
BY: Tina Grande

County Executive Office Signature

**MINUTES OF THE BOARD OF SUPERVISORS**

- Positions Added
- Change Order
- 4/5 Vote
- Prev. Agn. Ref.:

District: 1/1, 3/3, Agenda Number:  
4/4, and 5/5

3 - 32

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

**FORM 11:** Ordinance No. 452.236 to Establish Speed Zones Enforceable by Radar Speed Detection Equipment - Bermuda Dunes, Cherry Valley, Lake Mathews, Murrieta, Nuevo, and Temescal Canyon Areas. 1<sup>st</sup> /1<sup>st</sup>, 3<sup>rd</sup>/3<sup>rd</sup>, 4<sup>th</sup>/4<sup>th</sup>, and 5<sup>th</sup>/5<sup>th</sup> Districts. [\$6,400]; Local Funds 100%

**DATE:** April 10, 2014

**PAGE:** 2 of 2

**BACKGROUND:****Summary (continued)**

Based upon the results of the E&TS for these roads, the radar-enforceable speed limits recommended by the Transportation Department are summarized in the attached tables and have been determined to be appropriate to facilitate the safe and orderly movement of vehicular traffic.

Transportation Department staff has notified the Riverside, Temecula, San Gorgonio, and Indio area offices of the California Highway Patrol (CHP) regarding the recommended speed zones.

The ordinance amendment has been reviewed and approved by County Counsel as to form.

**Impact on Residents and Businesses**

The establishing and posting of appropriate speed limits promotes safe and orderly movement of vehicular traffic and enables the CHP to use radar equipment to enforce the speed limits. Since the recommended speed limits were determined based on actual speed surveys, the majority of the motorists are already driving at or below the recommended speed limits. Posted speed limits also guide motorists to drive at a reasonable speed in unfamiliar locations.

**SUPPLEMENTAL****Additional Fiscal Information**

The cost for establishing the recommended speed limits is primarily for the installation of speed limit signs, which is estimated at about \$6,400.

**Contract History and Price Reasonableness**

N/A

**ATTACHMENTS:**

Speed Zone Submittals (Districts 1/1, 3/3, 4/4, and 5/5)

1                                   ORDINANCE NO. 452.236

2                                   AN ORDINANCE OF THE COUNTY OF RIVERSIDE

3                                   AMENDING ORDINANCE NO. 452

4                                   RELATING TO PRIMA FACIE SPEED LIMITS

5                                   The Board of Supervisors of the County of Riverside ordains as follows:

6                                   Section 1.      Section 2.2 of Ordinance No. 452, entitled "Thirty miles per hour," is  
7                                   hereby amended to add new subsections 27, 28, 29, and 30 to read as follows:

- 8                                   "27. On Dutton Street between Noble Street and Bellflower Avenue, a  
9                                   total distance of approximately 1.00 miles, in the Cherry Valley  
10                                  area.  
11                                   28. On Grand Avenue between a point 1,300 feet west of Noble Street  
12                                   to Bellflower Avenue, a total distance of approximately 1.25 miles,  
13                                   in the Cherry Valley area.  
14                                   29. On High Street between Noble Street and Bellflower Avenue, a  
15                                   total distance of approximately 1.0 miles, in the Cherry Valley  
16                                  area.  
17                                   30. On Vineland Street between Beaumont Avenue and Noble Street, a  
18                                   total distance of approximately 0.5 miles, in the Cherry Valley  
19                                  area."

20                                   Section 2.      Section 2.3 of Ordinance No. 452, entitled "Thirty-Five miles per hour," is  
21                                   hereby amended to add new subsections 122 and 123 to read as follows:

- 22                                   "122. On 41<sup>st</sup> Avenue between Washington Street and Adams Street, a  
23                                   total distance of approximately 1.0 miles, in the Bermuda Dunes  
24                                  area.  
25                                   123. On Jonathan Avenue between Brookside Avenue and Bridges  
26                                   Street, a total distance of approximately 1.10 miles, in the Cherry  
27                                  Valley area.

1                   124. On Los Alamos Road between a point 660 feet west of Crawford  
2                   Canyon Road (City of Murrieta city limit) and Briggs Road, a total  
3                   distance of approximately 1.3 miles, in the Murrieta area.”

4                   Section 3.     Section 2.4 of Ordinance No. 452, entitled “Forty miles per hour,” is hereby  
5                   amended to add new subsection 141 and 142 to read as follows:

- 6                   “141. On Blackburn Road between La Sierra Avenue and McAllister Street, a  
7                   total distance of approximately 0.92 miles, in the Lake Mathews area.  
8                   142. On Noble Street between Brookside Avenue and Oak Glen Road, a total  
9                   distance of approximately 1.0 miles, in the Cherry Valley area.”

10                  Section 4.     Section 2.5 of Ordinance No. 452, entitled “Forty-Five miles per hour,” is  
11                  hereby amended to add new subsections 162 and 163 to read as follows:

- 12                  “162. On Campbell Ranch Road between Temescal Canyon Road and  
13                  Indian Truck Trail, a total distance of approximately 1.5 miles, in  
14                  the Temescal Canyon area.  
15                  163. On Orchard Street between Beaumont Avenue and Noble Street, a  
16                  total distance of approximately 0.5 miles, in the Cherry Valley  
17                  area.”

18                  Section 5.     Section 2.6 of Ordinance 452, entitled “Fifty miles per hour,” is hereby  
19                  amended to add new subsections 75, 76 and 77 to read as follows:

- 20                  “75. On De Palma Road between Indian Truck Trail and a point 1,750  
21                  feet east of Santiago Canyon Road, a total distance of  
22                  approximately 0.48 miles, in the Temescal Canyon area.  
23                  76. On the full width of Leon Road between Baxter Road and Keller  
24                  Road and the easterly half of Leon Road between Keller Road and  
25                  Scott Road, a total distance of approximately 2.0 miles, in the  
26                  Murrieta area.  
27                  77. On Pico Avenue between Ellis Avenue and San Jacinto Avenue, a  
28                  total distance of 1.0 miles, in the Nuevo area.”

1           Section 6.       Subsection 121 of Section 2.4 of Ordinance 452 adopted on May 3, 2011,  
2 pursuant to Ordinance No. 452.229, is repealed in its entirety. Subsection 121 of Section 2.4 established a  
3 forty miles per hour speed limit on Los Alamos Road between a point 660 feet west of Crawford Canyon  
4 Road and the centerline of Briggs Road.

5           Section 7.       This ordinance shall take effect 30 days after its adoption.

6                             BOARD OF SUPERVISORS OF THE COUNTY  
7                             OF RIVERSIDE, STATE OF CALIFORNIA

8  
9                             BY: \_\_\_\_\_  
10                            Chairman

11                          ATTEST:  
12                          KECIA HARPER-IHEM, Clerk of the Board

13  
14                          By: \_\_\_\_\_  
15                          Deputy

16                          APPROVED AS TO FORM:  
17                          PAMELA J. WALLS, County Counsel

18  
19                          By: Bruce Farth  
20                          Deputy

**LIST OF SPEED ZONE SUBMITTALS**  
**ORDINANCE AMENDMENT NO 452.236**  
**SUPERVISORIAL DISTRICT NO. 1**

<b>AREA</b>	<b>ROAD NAME/ LIMITS</b>	<b>EXISTING SPEED LIMIT</b>	<b>PROPOSED SPEED LIMIT</b>	<b>NOTES</b>
LAKE MATHEWS	<b>BLACKBURN ROAD</b> Between La Sierra Avenue and McAllister Street	Not Posted*	40	NEW
TEMESCAL CANYON	<b>CAMPBELL RANCH ROAD</b> Between Temescal Canyon Road and Indian Truck Trail	45**	45	Existing 45 mph speed limit signs were posted as part of new development; not included in Ordinance 452
TEMESCAL CANYON	<b>DE PALMA ROAD</b> Between Indian Truck Trail and a point 1,750 feet east of Santiago Canyon Road	Not Posted**	50	NEW

\* Maximum allowable speed limit for a two-lane highway is 55 mph

\*\*Maximum allowable speed limit for a multi-lane highway is 65 mph

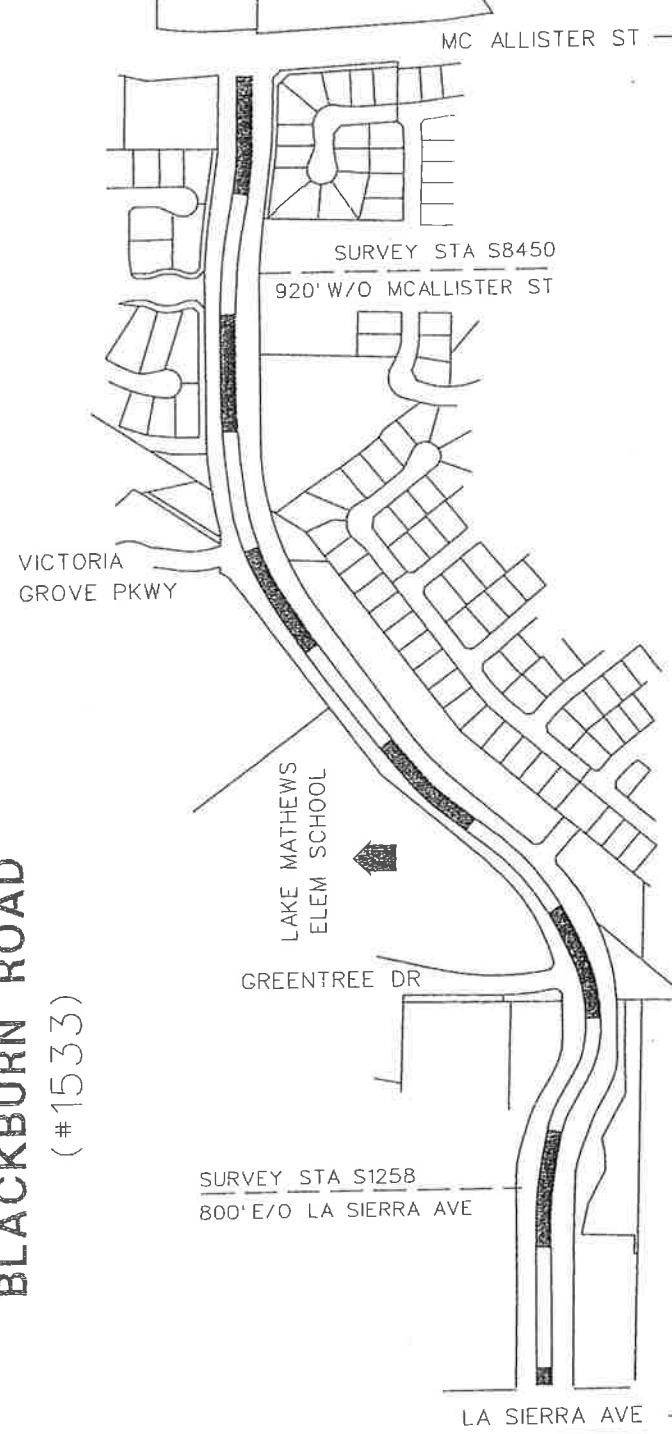
\*\*\*Change in speed zone boundary

## LEGEND:

- CITY LIMITS
-  RADAR ZONE
- SURVEY STATION
- OTHER STREET OR ROAD
-  SCHOOL

# BLACKBURN ROAD

(#1533)



NO SCALE

**BEGIN ZONE****END ZONE**

RECOMMENDED SPEED LIMIT  
85th/TILE SPEED  
VEHICLES IN 24 HR (2 WAY)  
SEGMENT LENGTH  
ALL ACCIDENTS IN 2 YRS.  
ACCIDENT RATE ☆  
EXISTING SPEED LIMIT

40 MPH  
41.5 MPH (AVERAGE OF TWO SIMILAR STATIONS OF 40 & 43 MPH)  
7,300  
0.92 MILE  
0  
0.00 ACC/MVM  
NOT POSTED

SURVEY DATE: FEB 12, 2014  
MAP DATE: FEB 19, 2014  
DRAWN BY: N AHMAD  
CAD FILE: BLACKBURN.DGN

RECOMMENDED SPEED LIMIT  
85th/TILE SPEED  
VEHICLES IN 24 HR (2 WAY)  
SEGMENT LENGTH  
ALL ACCIDENTS IN 2 YRS.  
ACCIDENT RATE ☆  
EXISTING SPEED LIMIT

☆ RATE: NO. OF ACCIDENT × 1000 ÷ 1000  
VEH × 365 × 2 × MILE

COUNTY AREA:	LAKE MATTHEWS	MAP DATE:	FEB 19, 2014	APPROVED BY:	
COUNTY MAP:	26A	DRAWN BY:	N AHMAD	DATE:	2/19/2014
SUPERVISOR DISTRICT:	1/1	LAWRENCE T. TAI, P.E.			COUNTY TRAFFIC ENGINEER

SURVEY DATE:	FEB 12, 2014	APPROVED BY:	
MAP DATE:	FEB 19, 2014	DATE:	2/19/2014

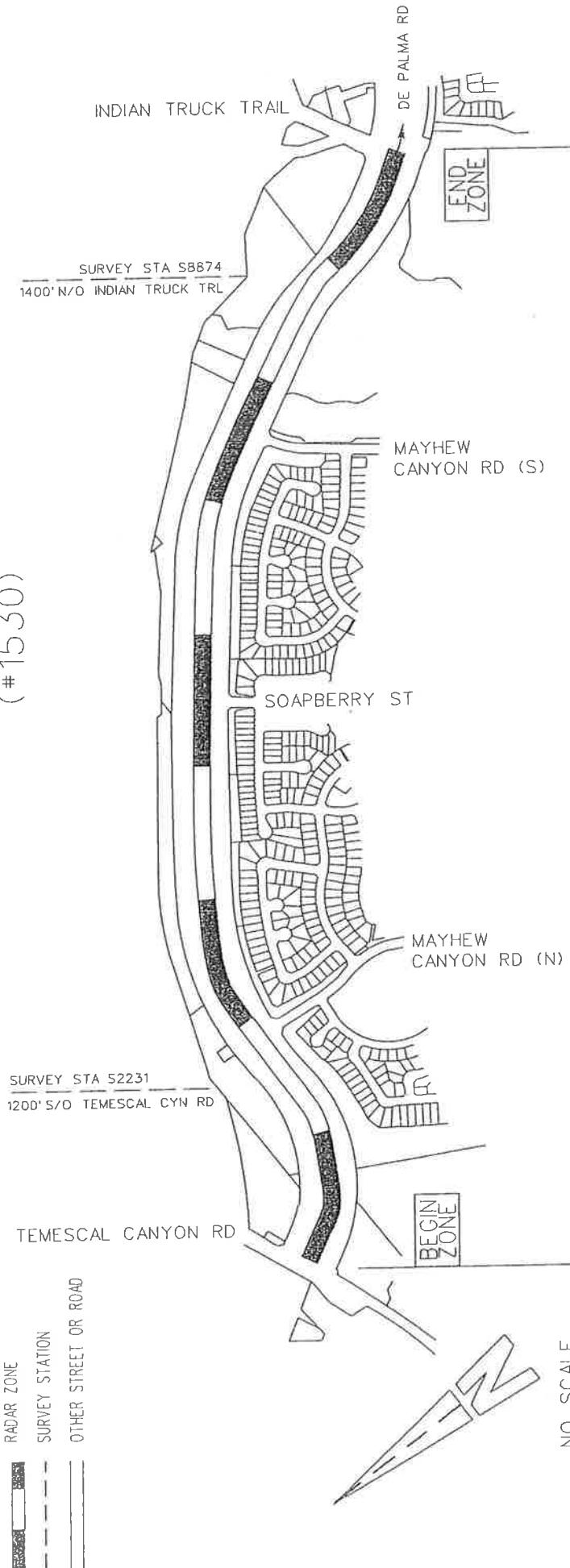
COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION	ENGINEERING AND TRAFFIC SURVEY AT	PAGE 1 OF 1
<b>BLACKBURN ROAD</b>		

# CAMPBELL RANCH ROAD

( # 1530 )

LEGEND:

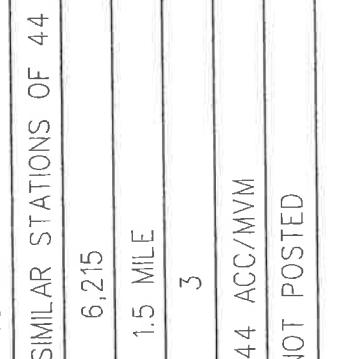
- ===== CITY LIMITS
-  RADAR ZONE
- - - SURVEY STATION
- OTHER STREET OR ROAD



RECOMMENDED SPEED LIMIT	45 MPH
85th/TILE SPEED	47.0 MPH (AVG OF TWO SIMILAR STATIONS OF 44 & 50 MPH)
VEHICLES IN 24 HR (2 WAY)	6,215
SEGMENT LENGTH	1.5 MILE
ALL ACCIDENTS IN 2 YRS.	3
ACCIDENT RATE $\star$	0.44 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

$$\star \text{ RATE} = \frac{\text{NO. OF ACCIDENT} \times 1,000,000}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$$

CITY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION		PAGE
ENGINEERING AND TRAFFIC SURVEY AT		1 OF 1
CAMPBELL RANCH ROAD		
1/1 CAD FILE: CAMPBELL_RANCH.DGN	LAWRENCE T. TALPE, COUNTY TRAFFIC ENGINEER	

APPROVED BY:  


SURVEY DATE: DEC 3, 2013  
MAP DATE: DEC 16, 2013

DRAWN BY: N AHMAD

DATE: 2/19/2014

COUNTY MAP:

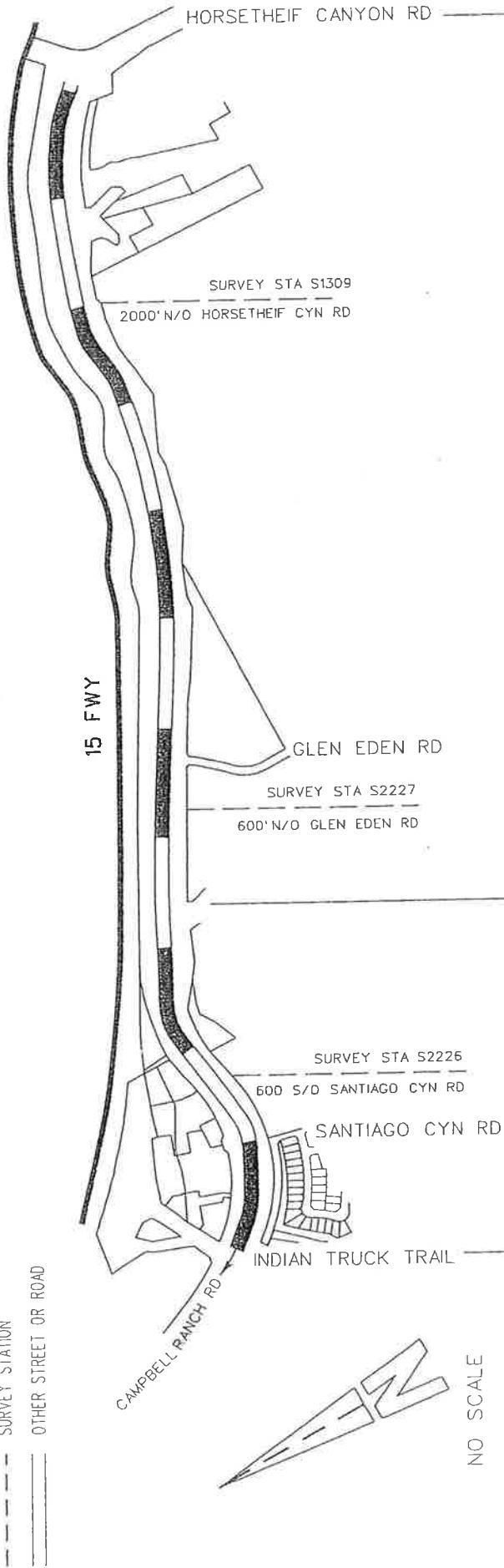
SUPERVISOR DISTRICT:

**LEGEND:**

- CITY LIMITS
- RADAR ZONE
- SURVEY STATION
- OTHER STREET OR ROAD

## DE PALMA ROAD

(#1532)



RECOMMENDED SPEED LIMIT	50 MPH	* 55 MPH
85th/TILE SPEED	52 MPH	62.5 MPH (AVG OF THREE SIMILAR STATIONS OF 60 & 65 MPH)
VEHICLES IN 24 HR (2 WAY)		7,600
SEGMENT LENGTH	0.48 MI	1.21 MI
ALL ACCIDENTS IN 2 YRS.	1	3
ACCIDENT RATE *	0.37 ACC/MVM	0.44 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED	* 55 MPH

\* RATE =  $\frac{\text{NO. OF ACCIDENTS}}{\text{VEHICLES}} \times 1,000,000$   
 $\times 365 \times 2 \times \text{MILE}$

COUNTY AREA:	TEMESCAL CANYON	SURVEY DATE:	NOV 7, 2013	APPROVED BY:	<i>Lawrence T. Tai, P.E.</i>	COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT
COUNTY MAP:	331, 35A	MAP DATE:	FEB 18, 2014	DRAWN BY:	N AHMAD	TRAFFIC ENGINEERING DIVISION
SUPERVISOR DISTRICT:	1/1	CAD FILE:	DE_PALMA_RD	DATE:	<i>2/20/2014</i>	ENGINEERING AND TRAFFIC SURVEY AT
				BY:	<i>LAWRENCE T. TAI, P.E.</i>	DE PALMA ROAD

**LIST OF SPEED ZONE SUBMITTALS  
ORDINANCE AMENDMENT NO 452.236  
SUPERVISORIAL DISTRICT NO. 3**

<b>AREA</b>	<b>ROAD NAME/ LIMITS</b>	<b>EXISTING SPEED LIMIT</b>	<b>PROPOSED SPEED LIMIT</b>	<b>NOTES</b>
MURRIETA	<b>LEON ROAD</b> FULL WIDTH - Between Baxter Road and Keller Road	Not Posted*	50	NEW
	EASTERLY HALF WIDTH – Between Keller Road and Scott Road			
MURRIETA	<b>LOS ALAMOS ROAD</b> Between a point 660 feet west of Crawford Canyon Road (City of Murrieta city limit) and Briggs Road	40	35	UPDATE

\* Maximum allowable speed limit for a two-lane highway is 55 mph

\*\* Maximum allowable speed limit for a multi-lane highway is 65 mph

\*\*\*Change in speed zone boundary

## LEGEND:

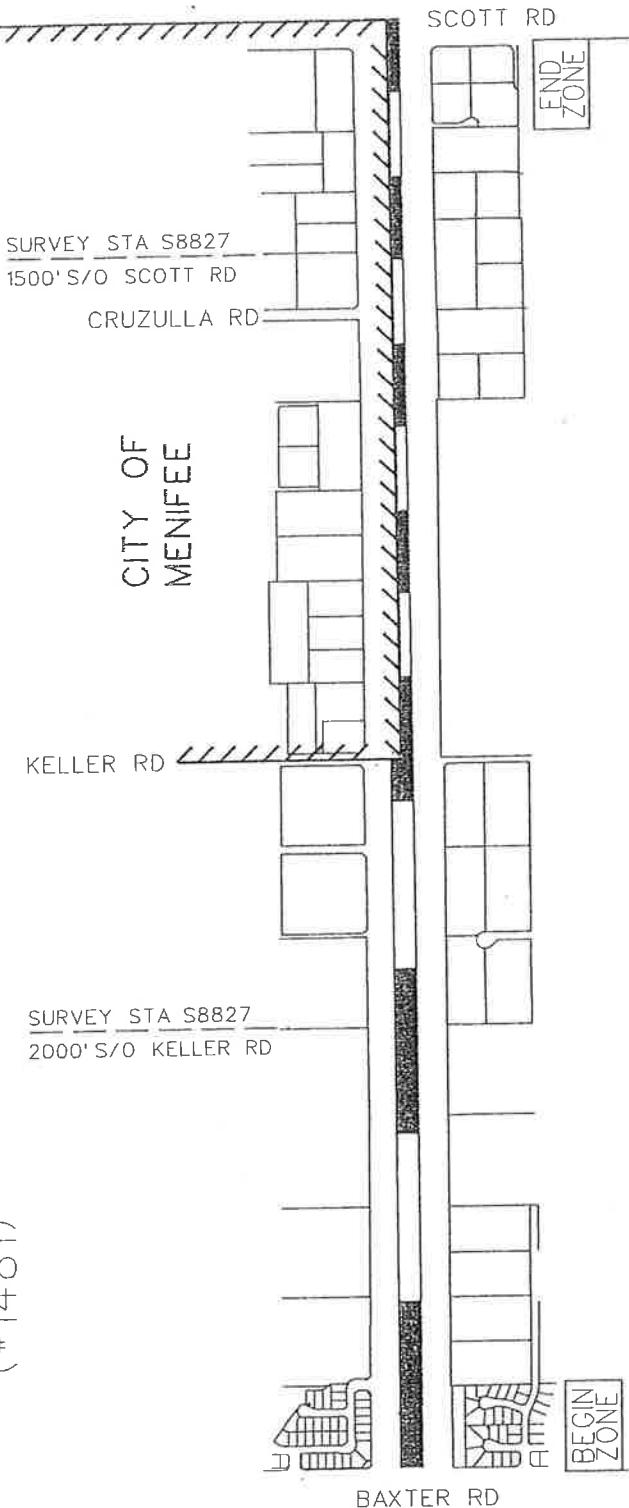
- ||||||| CITY LIMITS
- RADAR ZONE
- - - SURVEY STATION
- OTHER STREET OR ROAD

## LEON ROAD

( #1481 )

SEE SHEET  
1 OF 2

SURVEY STA S8827  
2000' S/O KELLER RD



EQUESTRIAN LOTS - MULTIPLE TURNING MOVEMENTS - HIDDEN DRIVEWAYS - REDUCE TO 50 MPH

50 MPH

56.5 MPH (AVERAGE OF THREE SIMILAR STATIONS OF 51.0 MPH &amp; 62.0 MPH)

7,000

2.0 MILES

0

0.00 ACC/MVM

NOT POSTED

★ RATE, NO OF ACCIDENT × 1,000,000  
VEH × 365 × 2 × MILE

COUNTY AREA:	MURRIETA	SURVEY DATE:	NOV 5, 2013	APPROVED BY:		COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT
COUNTY MAP:	121A, 121E	MAP DATE:	DEC 18, 2013	N AHMAD		TRAFFIC ENGINEERING DIVISION AT
SUPERVISOR DISTRICT:	3/3	DRAWN BY:		LAWRENCE T. TAI, P.E.	DATE: 11/30/2014	ENGINEERING AND TRAFFIC SURVEY
		CAD FILE:	LEON_RD.DGN			LEON ROAD

PAGE  
2 OF 2

LEON ROAD



**LIST OF SPEED ZONE SUBMITTALS**  
**ORDINANCE AMENDMENT NO 452.236**  
**SUPERVISORIAL DISTRICT NO. 4**

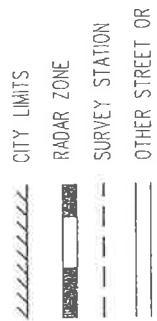
AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
BERMUDA DUNES	<b>41<sup>ST</sup> AVENUE</b> Between Washington Street and Adams Street	Not Posted*	35	NEW

\* Maximum allowable speed limit for a two-lane highway is 55 mph

\*\* Maximum allowable speed limit for a multi-lane highway is 65 mph

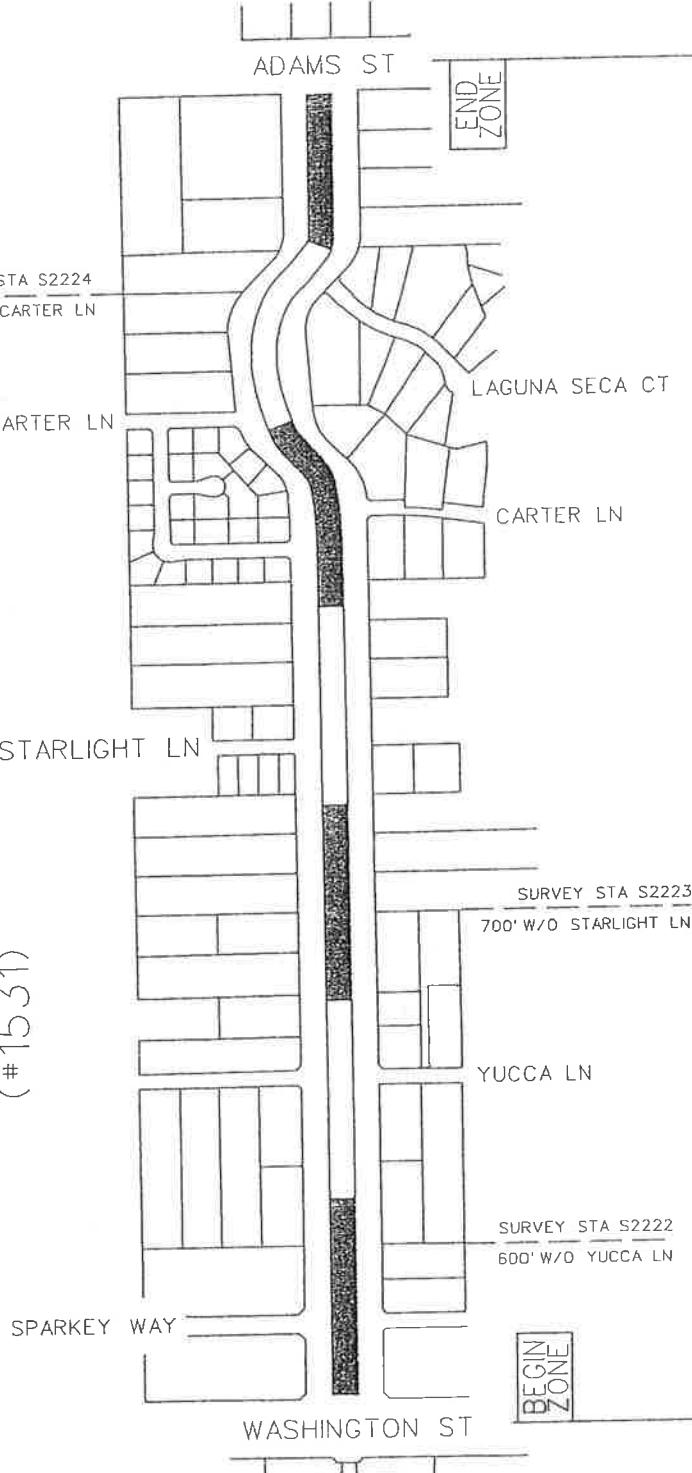
\*\*\*Change in speed zone boundary

## LEGEND:

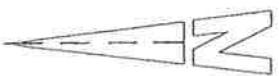


# 41ST AVENUE

(#1531)



NO SCALE



RECOMMENDED SPEED LIMIT	35 MPH
85th/TILE SPEED	38.3 MPH (AVGGERAGE OF THREE SIMILAR STATIONS OF 35.0 & 38.0 AND 42.0 MPH)
VEHICLES IN 24 HR (2 WAY)	1,000
SEGMENT LENGTH	1.0 MILE
ALL ACCIDENTS IN 2 YRS.	2
ACCIDENT RATE $\star$	2.74 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

$\star$  RATE =  $\frac{\text{NO. OF ACCIDENT} \times 1000}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$

COUNTY AREA: BERMUDA DUNES  
COUNTY MAP: 207A, 207B  
SUPERVISOR DISTRICT: 4/4

SURVEY DATE: NOV 5, 2013

MAP DATE: DEC 16, 2013

DRAWN BY: N AHMAD

CAD FILE: 41ST\_ST.DGN

APPROVED BY: *Lawrence T. Tai, P.E.*

DATE: 2/7/2014

ENGINEERING AND TRAFFIC SURVEY AT  
41ST AVENUECOUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT  
TRAFFIC ENGINEERING DIVISIONPAGE  
1 OF 1

COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION		PAGE 1 OF 1
4/4	4/4	LAWRENCE T. TAI, P.E. COUNTY TRAFFIC ENGINEER

**LIST OF SPEED ZONE SUBMITTALS**  
**ORDINANCE AMENDMENT NO 452.236**  
**SUPERVISORIAL DISTRICT NO. 5**

<b>AREA</b>	<b>ROAD NAME/ LIMITS</b>	<b>EXISTING SPEED LIMIT</b>	<b>PROPOSED SPEED LIMIT</b>	<b>NOTES</b>
CHERRY VALLEY	<b>DUTTON STREET</b> Between Noble Street and Bellflower Avenue	Not Posted*	30	NEW
CHERRY VALLEY	<b>GRAND AVENUE</b> Between a point 1,300 feet west of Noble Street to Bellflower Avenue	Not Posted*	30	NEW
CHERRY VALLEY	<b>HIGH STREET</b> Between Noble Street and Bellflower Avenue	Not Posted*	30	NEW
CHERRY VALLEY	<b>JONATHAN AVENUE</b> Between Brookside Avenue and Bridges Street	Not Posted*	35	NEW
CHERRY VALLEY	<b>NOBLE STREET</b> Between Brookside Avenue and Oak Glen Road	Not Posted*	40	NEW
CHERRY VALLEY	<b>ORCHARD STREET</b> Between Beaumont Avenue and Noble Street	Not Posted*	45	NEW
NUEVO	<b>PICO AVENUE</b> Between Ellis Avenue and San Jacinto Avenue	Not Posted*	50	NEW
CHERRY VALLEY	<b>VINELAND STREET</b> Between Beaumont Avenue and Noble Street	Not Posted*	30	NEW

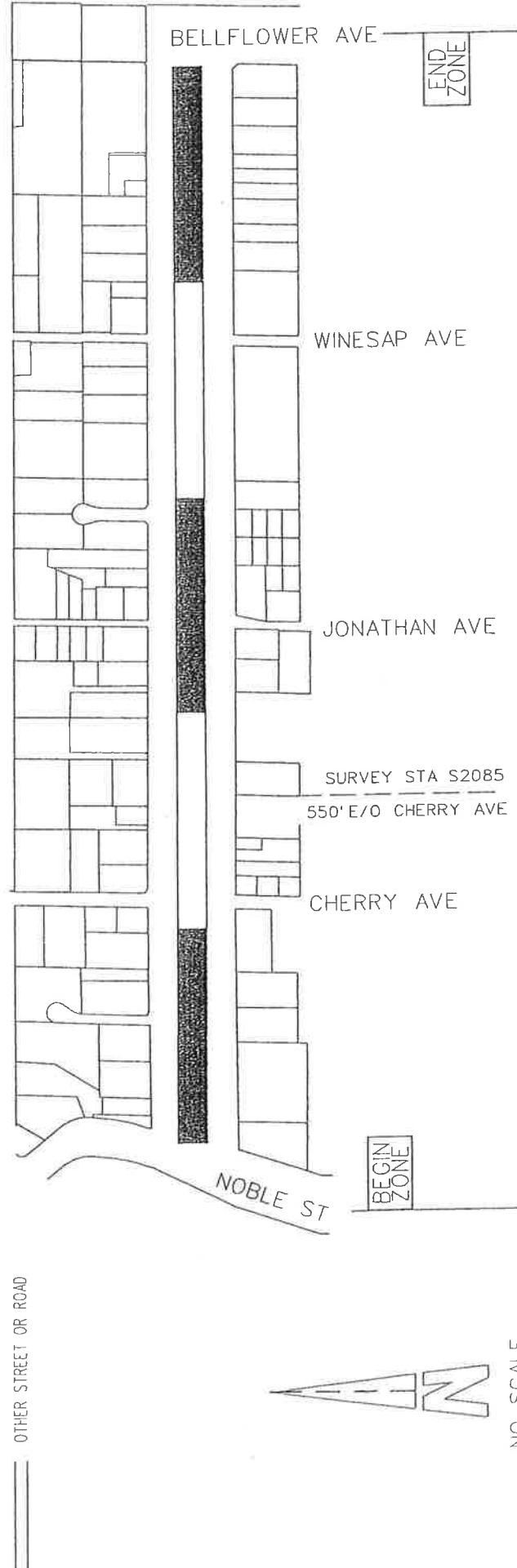
\* Maximum allowable speed limit for a two-lane highway is 55 mph  
 \*\*Maximum allowable speed limit for a multi-lane highway is 65 mph  
 \*\*\*Change in speed zone boundary

## LEGEND:

- CITY LIMITS
- RADAR ZONE
- SURVEY STATION
- OTHER STREET OR ROAD

## DUTTON STREET

( #1524 )



RECOMMENDED SPEED LIMIT	30 MPH
85th/TILE SPEED	31.0 MPH
VEHICLES IN 24 HR (2 WAY)	1,400
SEGMENT LENGTH	1.0 MILE
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ☆	0.00 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

☆ RATE:  $\frac{\text{NO. OF ACCIDENT}}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$   $\times 1000,000$

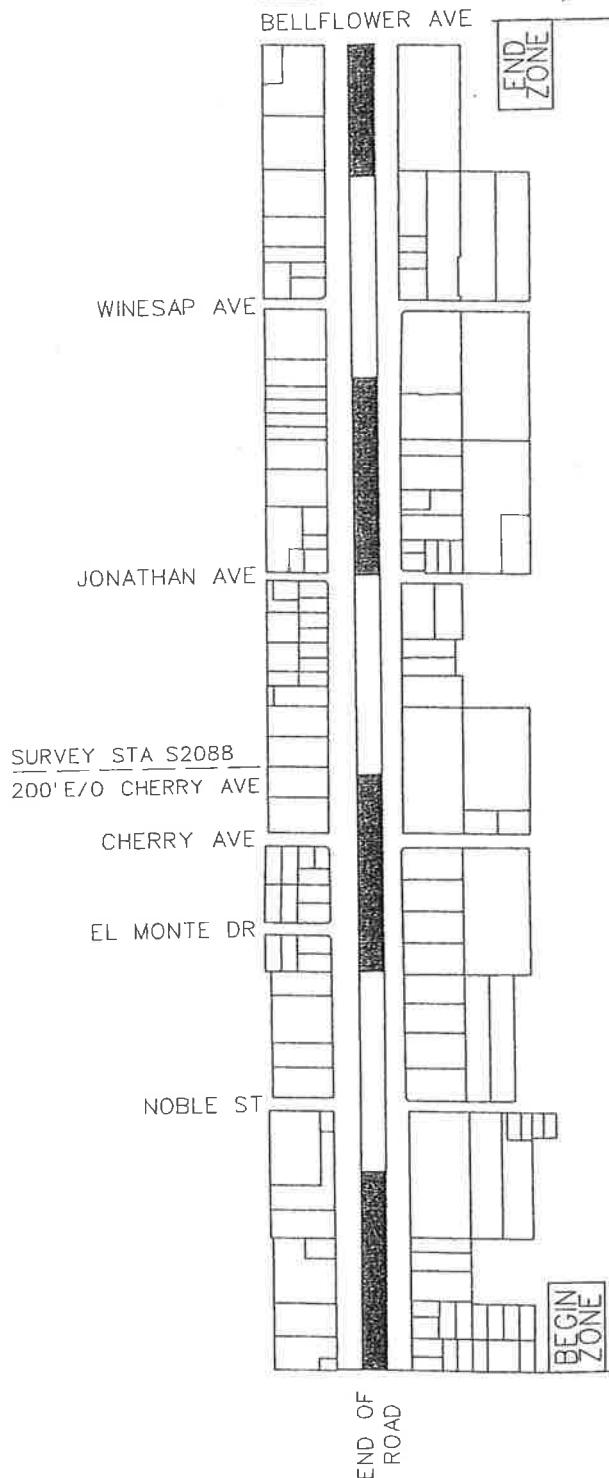
COUNTY AREA:	CHERRY VALLEY	SURVEY DATE:	SEP 4, 2013	MAP DATE:	DEC 2, 2013	APPROVED BY:		COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION
COUNTY MAP:	90,90B	DRAWN BY:	N AHMAD	DATE:	1/24/2014	ENGINEERING AND TRAFFIC SURVEY AT	LAWRENCE T. TAFFE, COUNTY TRAFFIC ENGINEER	DUTTON STREET
SUPERVISOR DISTRICT:	5/5	CAD FILE:	DUTTON.DGN					1 OF 1

## LEGEND:

- CITY LIMITS
-  RADAR ZONE
- SURVEY STATION
- OTHER STREET OR ROAD

# GRAND AVENUE

(#1523)



RECOMMENDED SPEED LIMIT	30 MPH
85th/TILE SPEED	31.0 MPH
VEHICLES IN 24 HR (2 WAY)	660
SEGMENT LENGTH	1.25 MILE
ALL ACCIDENTS IN 2 YRS.	1
ACCIDENT RATE ☆	1.66 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

☆ RATE =  $\frac{\text{NO. OF ACCIDENTS}}{\text{VEHICLES}} \times 1000 \text{ / } 000$   
 $\text{MILE} \times 365 \times 2 \times \text{MILE}$

COUNTY AREA:	CHERRY VALLEY	MAP DATE:	DEC 2, 2013	APPROVED BY:		DATE: 1/23/14	COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION	PAGE 1 OF 1
COUNTY MAP:	90,90B	DRAWN BY:	N AHMAD	ENGINEERING AND TRAFFIC SURVEY AT	LAWRENCE T. TAI, P.E.		GRAND AVENUE	
SUPERVISOR DISTRICT:	5/5	CAD FILE:	GRAND.DGN					

## LEGEND:

**HIGH STREET**

( # 1528 )

SURVEY STA S2087  
520° E/O CHERRY AVE

CHERRY AVE

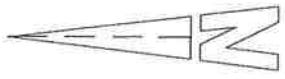
NAPOLEON ST

NOBLE ST

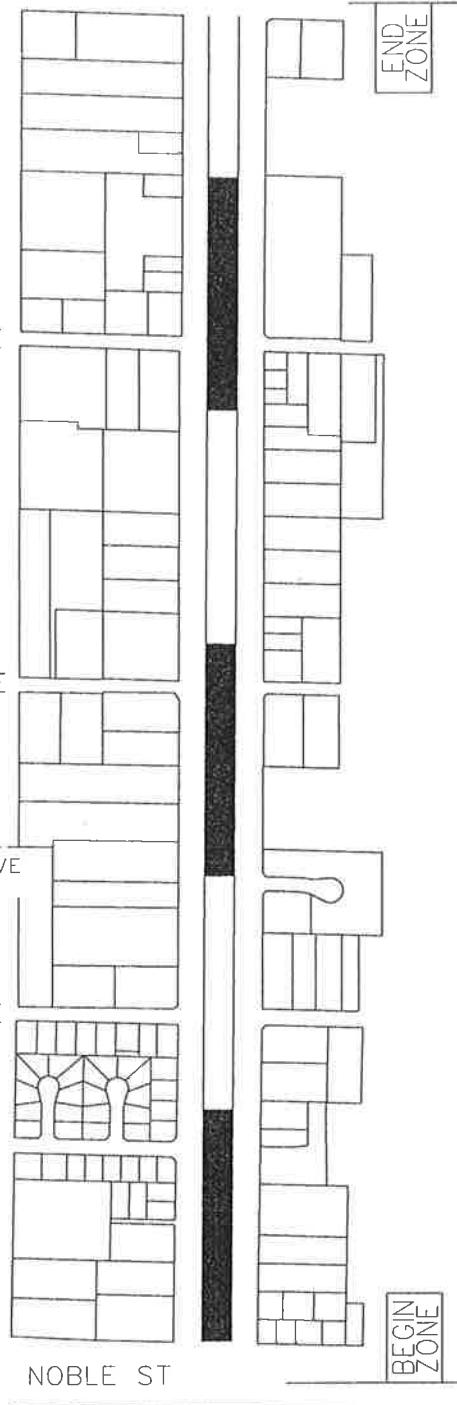
WINESAP AVE

JONATHAN AVE

BELLFLOWER AVE



NO SCALE



RECOMMENDED SPEED LIMIT	30 MPH
85th/TILE SPEED	34.0 MPH
VEHICLES IN 24 HR (2 WAY)	430
SEGMENT LENGTH	1.0 MILE
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ☆	0.00 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

☆ RATE •  $\frac{\text{NO. OF ACCIDENT}}{\text{VEH}} \times 1000 \times \frac{1}{\text{MILE}}$

COUNTY AREA:	CHERRY VALLEY	SURVEY DATE:	SEP 4, 2013	MAP DATE:	DEC 2, 2013	APPROVED BY:	LAWRENCE T. TAI, P.E.	COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION
COUNTY MAP:	90, 90B	DRAWN BY:	N AHMAD	DATE:	1/24/2014	ENGINEERING AND TRAFFIC SURVEY AT	PAGE	
SUPERVISOR DISTRICT:	5/5	CAD FILE:	HIGH.DGN			HIGH STREET	1 OF 1	

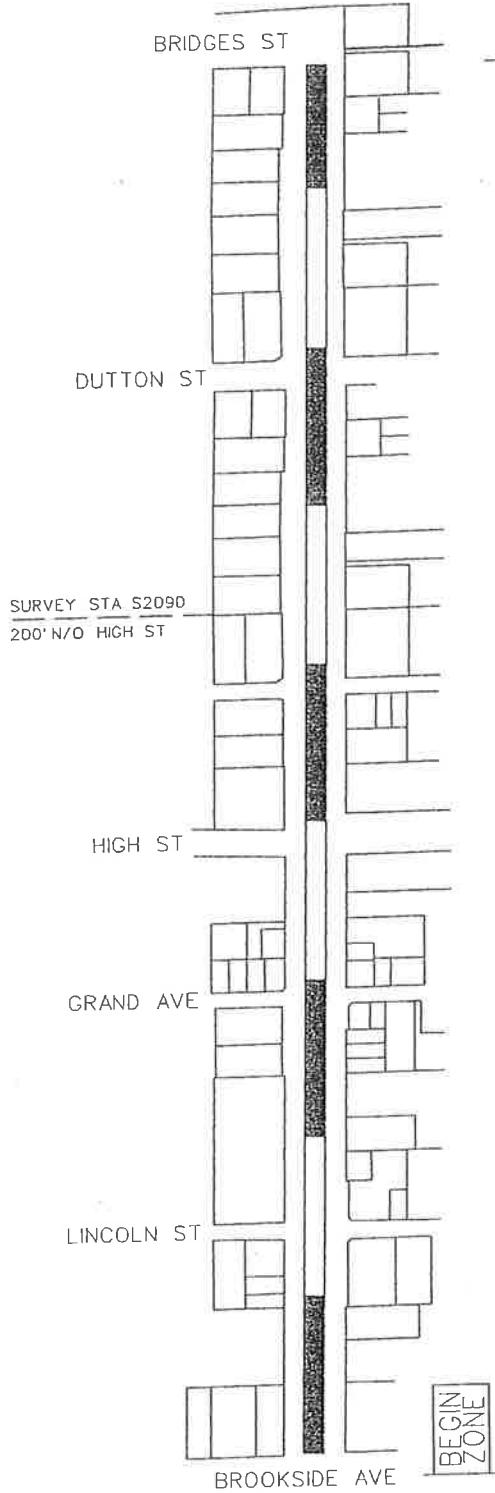
<i>Lawrence T. Tai, P.E.</i>	<i>1/24/2014</i>	<i>Lawrence T. Tai, P.E.</i>
High Street	High Street	High Street
County Traffic Engineer	County Traffic Engineer	County Traffic Engineer

## LEGEND:

-  CITY LIMITS
-  RADAR ZONE
-  SURVEY STATION
-  OTHER STREET OR ROAD

## JONATHAN AVENUE

( #1525 )



NO SCALE

## RECOMMENDED SPEED LIMIT

85th/TILE SPEED

VEHICLES IN 24 HR (2 WAY)

## SEGMENT LENGTH

ALL ACCIDENTS IN 2 YRS.

## ACCIDENT RATE ☆

## EXISTING SPEED LIMIT

35

36.0 MPH

110

1.1 MILE

0

0.00 ACC/MVM

NOT POSTED

☆ RATE =  $\frac{\text{NO. OF ACCIDENTS} \times 1000}{\text{VEHICLES} \times 365 \times 2 \times \text{MILE}}$

SURVEY DATE: SEP 4, 2013

APPROVED BY: COUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT  
TRAFFIC ENGINEERING DIVISION

COUNTY AREA: CHERRY VALLEY

MAP DATE: NOV 27, 2013

PAGE

COUNTY MAP: 90, 90B

DRAWN BY: N AHMAD

1 OF 1

SUPERVISOR DISTRICT: 5/5

CAD FILE: JONATHAN.DGN

LAWRENCE T. TAI, P.E.

COUNTY TRAFFIC ENGINEER

CITY OF RIVERSIDE

TRANSPORTATION DEPARTMENT

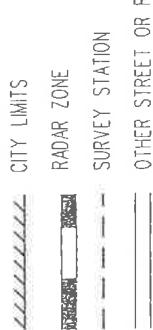
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY

AT

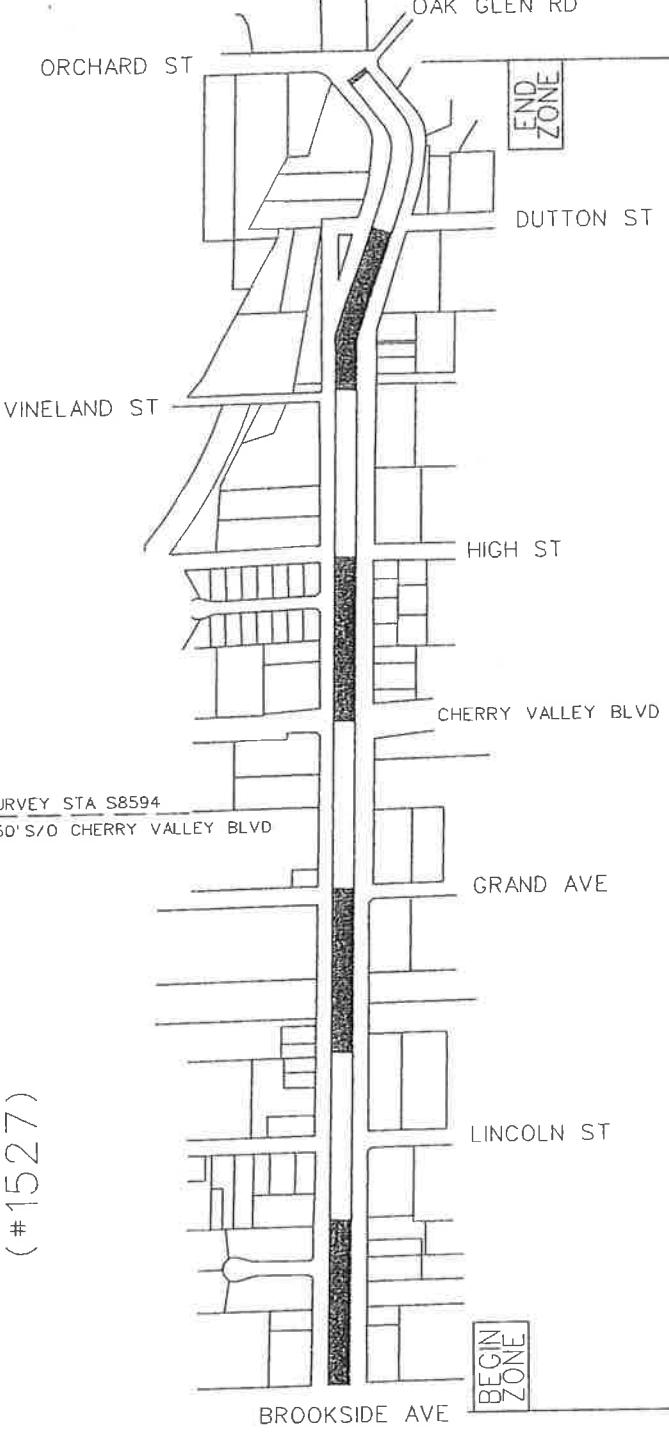
JONATHAN AVENUE

## LEGEND:



## NOBLE STREET

(#1527)

SURVEY STA S8594  
350' S/O CHERRY VALLEY BLVD

NO SCALE

RECOMMENDED SPEED LIMIT  
40 MPH

85th/TILE SPEED  
45.0 MPH

VEHICLES IN 24 HR (2 WAY)  
2720

SEGMENT LENGTH  
1.0 MILE

ALL ACCIDENTS IN 2 YRS.  
5

ACCIDENT RATE ☆  
2.52 ACC/MVM

EXISTING SPEED LIMIT  
NOT POSTED

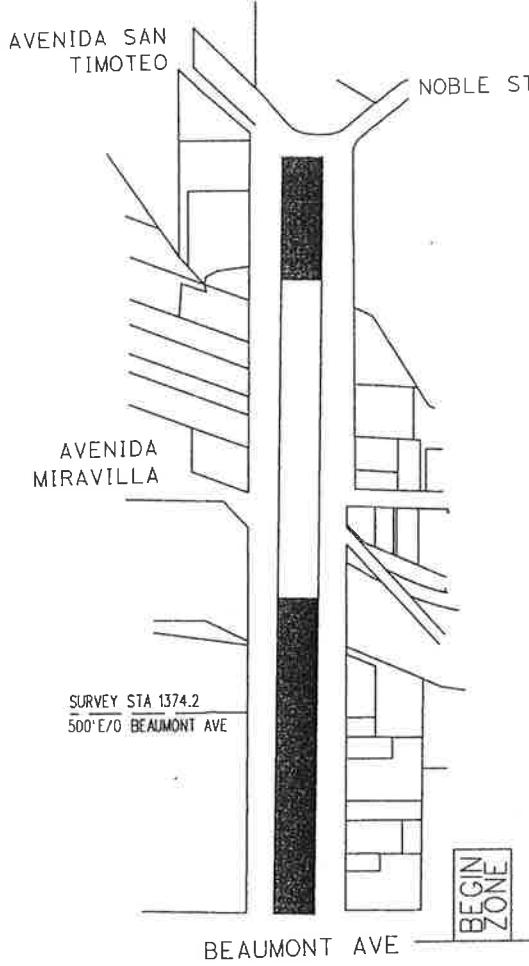
STAR RATE: $\frac{\text{NO. OF ACCIDENTS}}{\text{VHS} \times 365 \times 2 \times \text{MILE}}$	SURVEY DATE: SEP 4, 2013	APPROVED BY: <i>Lawrence T. Taipe</i>	COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT
COUNTY AREA: CHERRY VALLEY	MAP DATE: NOV 25, 2013	N AHMAD	TRAFFIC ENGINEERING DIVISION
COUNTY MAP: 90, 90B	DRAWN BY:		ENGINEERING AND TRAFFIC SURVEY AT
SUPERVISOR DISTRICT: 5/5	CAD FILE: NOBLE.DGN	LAWRENCE T. TAIPE	NOBLE STREET

LEGEND:

- CITY LIMITS
- RADAR ZONE
- - - SURVEY STATION
- ===== OTHER STREET OR ROAD

**ORCHARD STREET**

( #1374 )



RECOMMENDED SPEED LIMIT	45 MPH	APPROVED BY:	<i>Lawrence T. Tai</i>	COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION
PREVAILING SPEED (85%:)	49.0 MPH	DATE:	DEC 12, 2013	
VEHICLES IN 24 HR (2 WAY)	1215	MAP DATE:	N AHMAD	PAGE
SEGMENT LENGTH	0.5 MILE	DRAWN BY:	<i>27/2/14</i>	AT
ALL ACCIDENTS IN 2 YRS.	1	FILE:	LAWRENCE T. TAI, P.E.	ORCHARD STREET
ACCIDENT RATE ☆	2.25 ACC/MVM	DATE:	27/2/14	
EXISTING SPEED LIMIT	NOT POSTED	CAD FILE:	ORCHARD.DGN	COUNTY TRAFFIC ENGINEER
☆ RATE • ACCIDENT × 1000 000 VEH × 365 × 2 × MILE				
COUNTY AREA:	CHERRY VALLEY	MAP DATE:		
COUNTY MAP PAGE:	90A	DRAWN BY:		
SUPERVISOR DISTRICT:	5/5	FILE:		

## LEGEND:



# PICO AVENUE

(#1529)

ELLIS AVE

OTHER STREET OR ROAD

TODWELL AVE

LONG ST

SANTA ROSA RD

ROAN RANCH RD

BLANIK AVE

SAN JACINTO AVE

END ZONE

NO SCALE

BEGIN ZONE

50 MPH

RECOMMENDED SPEED LIMIT

85th/TILE SPEED

VEHICLES IN 24 HR (2 WAY)

SEGMENT LENGTH

ALL ACCIDENTS IN 2 YRS.

ACCIDENT RATE ☆

EXISTING SPEED LIMIT

54.0 MPH

1,940

1.0 MILE

0

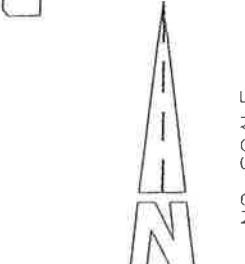
0.00 ACC/MVM

NOT POSTED

SURVEY STA S2229

1500' N/O ELLIS AVE

ELLIS AVE



$$\star \text{ RATE: } \frac{\text{NO. OF ACCIDENTS}}{\text{VEHICLES}} \times 1,000,000$$

APPROVED BY:

*[Signature]*

SURVEY DATE: DEC 3, 2013

MAP DATE: DEC 16, 2013

DRAWN BY: N AHMAD

CAD FILE: PICO.DGN

COUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT  
TRAFFIC ENGINEERING DIVISIONENGINEERING AND TRAFFIC SURVEY  
AT

PICO AVENUE

LAWRENCE T. TAI, P.E.  
COUNTY TRAFFIC ENGINEER

COUNTY AREA:

COUNTY MAP:

SUPERVISOR DISTRICT:

NUERO

99C

5/5

MAP DATE:

DRAWN BY:

CAD FILE:

N AHMAD

PICO.DGN

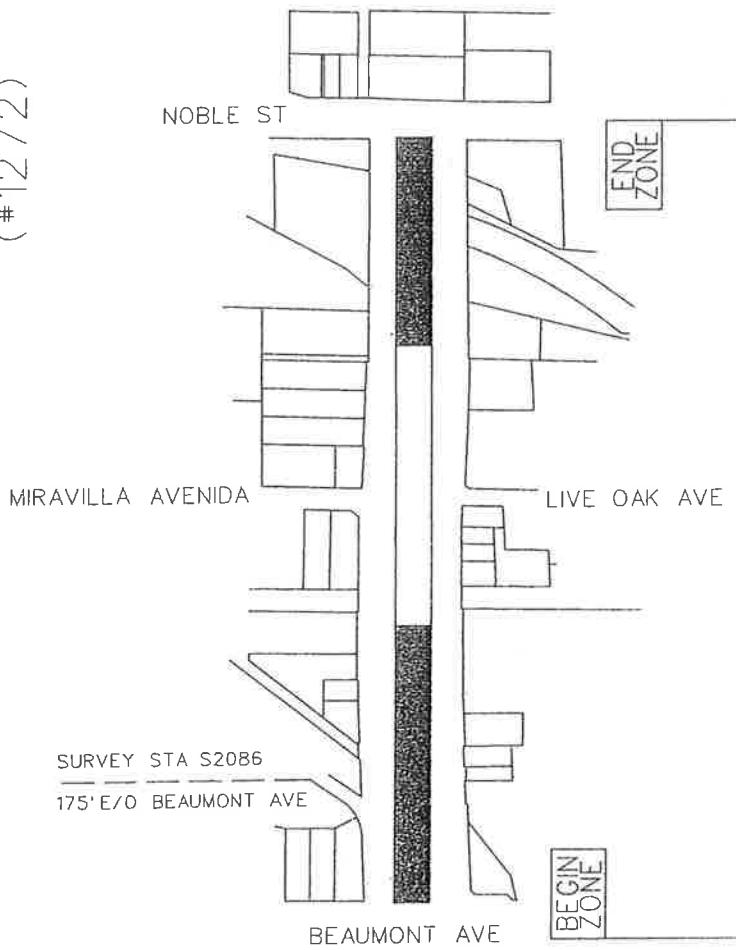
PAGE  
1 OF 1

## LEGEND:



## VINELAND STREET

( # 1272 )



	SURVEY DATE: SEP 4, 2013	APPROVED BY: <i>Lawrence T. Tai</i> DATE: 1/20/2014	COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION	PAGE 2 OF 2
COUNTY AREA:	CHERRY VALLEY	MAP DATE: NOV 21, 2013		
COUNTY MAP:	90	DRAWN BY: N AHMAD	ENGINEERING AND TRAFFIC SURVEY AT	
SUPERVISOR DISTRICT:	5/5	CAD FILE: VINELAND.DGN	VINELAND STREET COUNTY TRAFFIC ENGINEER	

☆ RATE: NO. OF ACCIDENT x 1,000,000  
VEH x 365 x 2 x MILE