

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

333A



FROM: TLMA-Transportation Department

SUBMITTAL DATE:
April 10, 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. Districts 1st/1st, 3rd/3rd, 4th/4th, and 5th/5th; [\$6,400]; Local Funds 100%

RECOMMENDED MOTION: That the Board of Supervisors adopt 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 4/21/14 DATE
Departmental Concurrence

LTT: sa

Patricia Romo
Assistant Director of Transportation

Juan C. Perez, Director

Transportation Land Management

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%)
There are no General Funds used in this project.

Budget Adjustment: No
For Fiscal Year: 2013/2014

C.E.O. RECOMMENDATION:

APPROVE
BY:
Karen L. Johnson

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

- A-30
- Positions Added
- 4/5 Vote
- Change Order

Prev. Agn. Ref.:

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

3-78

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. Districts 1st/1st, 3rd/3rd, 4th/4th, and 5th/5th; [\$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 Geronimo, 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 movements of vehicular traffic and enable 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

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.”

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

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
LAKE MATHEWS	BLACKBURN ROAD Between La Sierra Avenue and McAllister Street	Not Posted*	40	NEW
TEMESCAL CANYON	CAMPBELL RANCH ROAD 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	DE PALMA ROAD Between Indian Truck Trail and a point 1,750 feet east of Santiago Canyon Road	Not Posted**	50	NEW

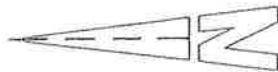
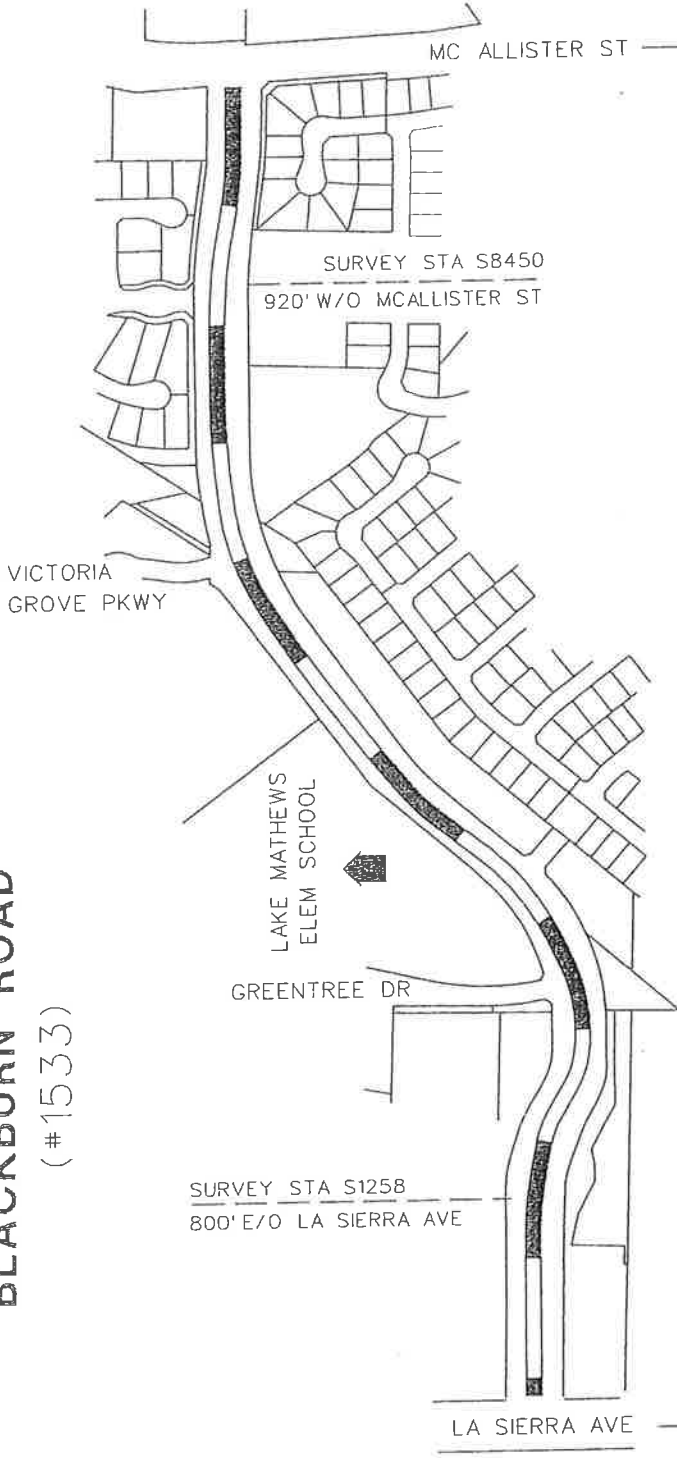
- * Maximum allowable speed limit for a two-lane highway is 55 mph
- **Maximum allowable speed limit for a multi-lane highway is 65 mph
- ***Change in speed zone boundary

LEGEND:

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

BLACKBURN ROAD

(#1533)



NO SCALE

BEGIN ZONE

END ZONE

RECOMMENDED SPEED LIMIT	40 MPH
85th%TILE SPEED	41.5 MPH (AVERAGE OF TWO SIMILAR STATIONS OF 40 & 43 MPH)
VEHICLES IN 24 HR (2 WAY)	7,300
SEGMENT LENGTH	0.92 MILE
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ☆	0.00 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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





APPROVED BY: *Lawrence T. Tai*
 DATE: 2/19/2014
 LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

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

COUNTY AREA: LAKE MATHEWS
 COUNTY MAP: 26A
 SUPERVISOR DISTRICT: 1/1

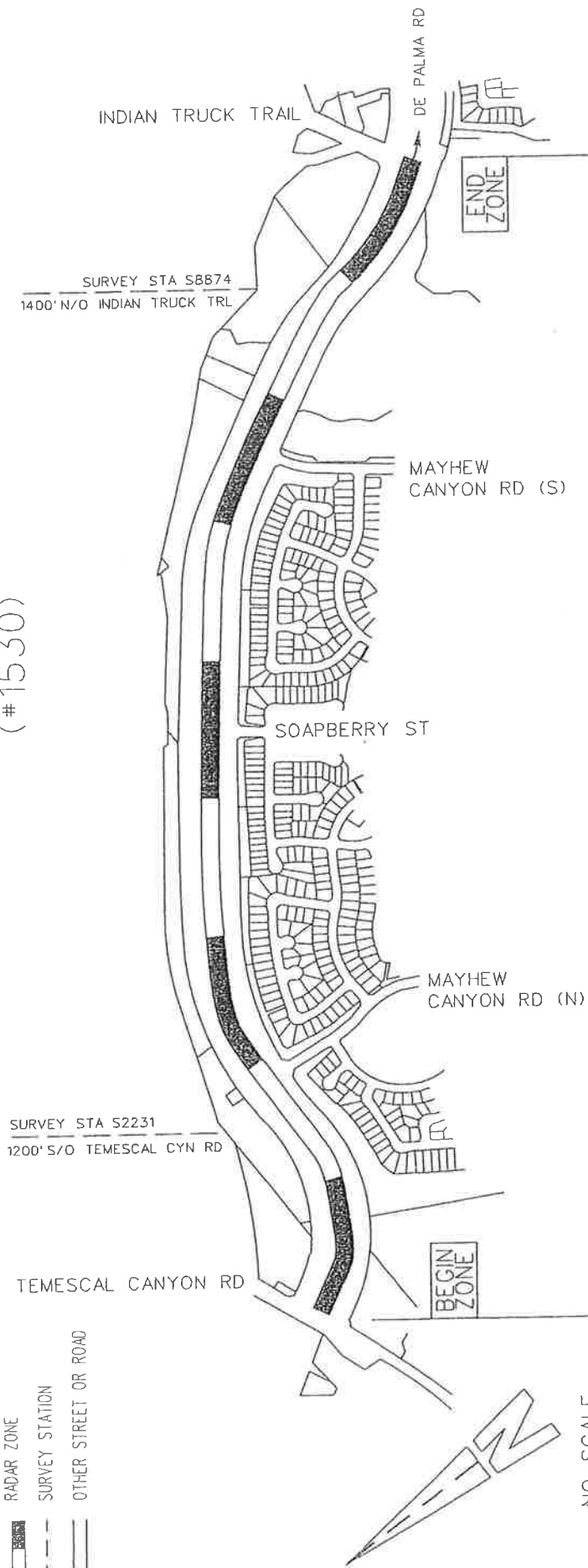
COUNTY OF RIVERSIDE
 TRANSPORTATION DEPARTMENT
 TRAFFIC ENGINEERING DIVISION
 ENGINEERING AND TRAFFIC SURVEY
 AT
BLACKBURN ROAD

LEGEND:

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

CAMPBELL RANCH ROAD

(# 1530)



BEGIN ZONE

END ZONE

NO SCALE

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 ☆	0.44 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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

APPROVED BY: *Lawrence T. Tai, P.E.*
 DATE: 2/19/2014
 LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

SURVEY DATE: DEC 3, 2013
 MAP DATE: DEC 16, 2013
 DRAWN BY: N AHMAD
 CAD FILE: CAMPBELL_RANCH.DGN

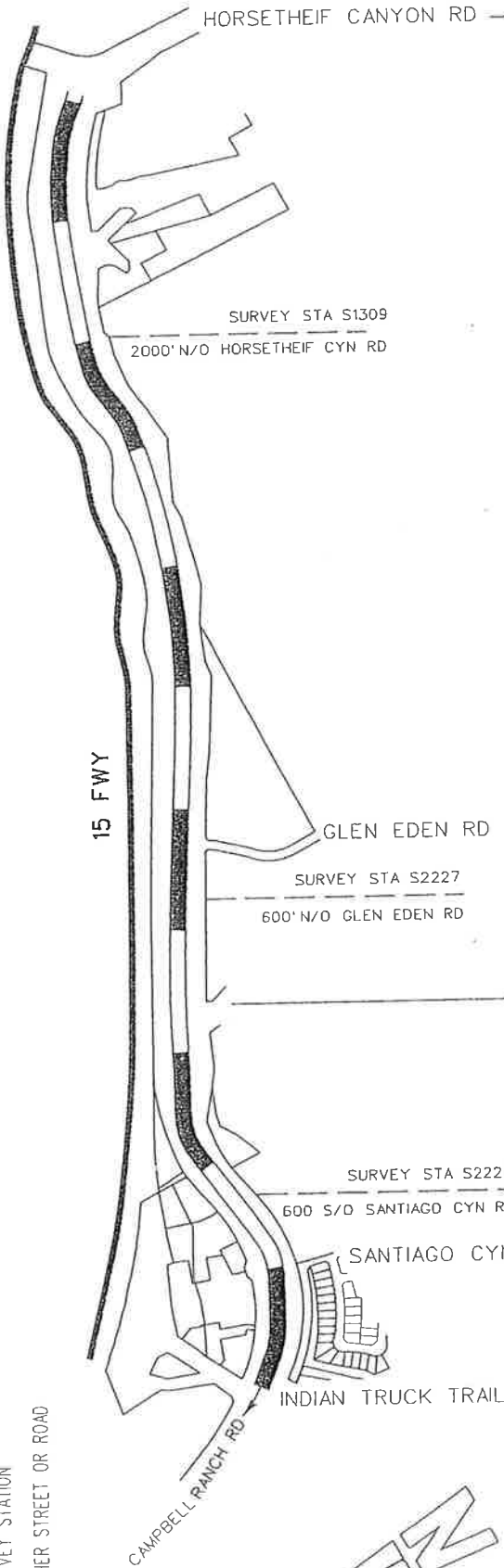
COUNTY AREA: TEMESCAL CANYON
 COUNTY MAP: 33H
 SUPERVISOR DISTRICT: 1/1

DE PALMA ROAD

(#1532)

LEGEND:

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



NO SCALE

* MAXIMUM PER CVC 22349	BEGIN ZONE	1750'	END ZONE
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)	0.48 MI		7,600
SEGMENT LENGTH	1		1.21 MI
ALL ACCIDENTS IN 2 YRS.	0.37 ACC/MVM		3
ACCIDENT RATE ☆	NOT POSTED		0.44 ACC/MVM
EXISTING SPEED LIMIT			* 55 MPH

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

COUNTY AREA:	TEMESCAL CANYON	SURVEY DATE:	NOV 7, 2013
COUNTY MAP:	331, 35A	MAP DATE:	FEB 18, 2014
SUPERVISOR DISTRICT:	1/1	DRAWN BY:	N AHMAD
		CAD FILE:	DE_PALMA_RD

APPROVED BY: *Lawrence T. Tai*
DATE: 2/20/2014
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

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

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

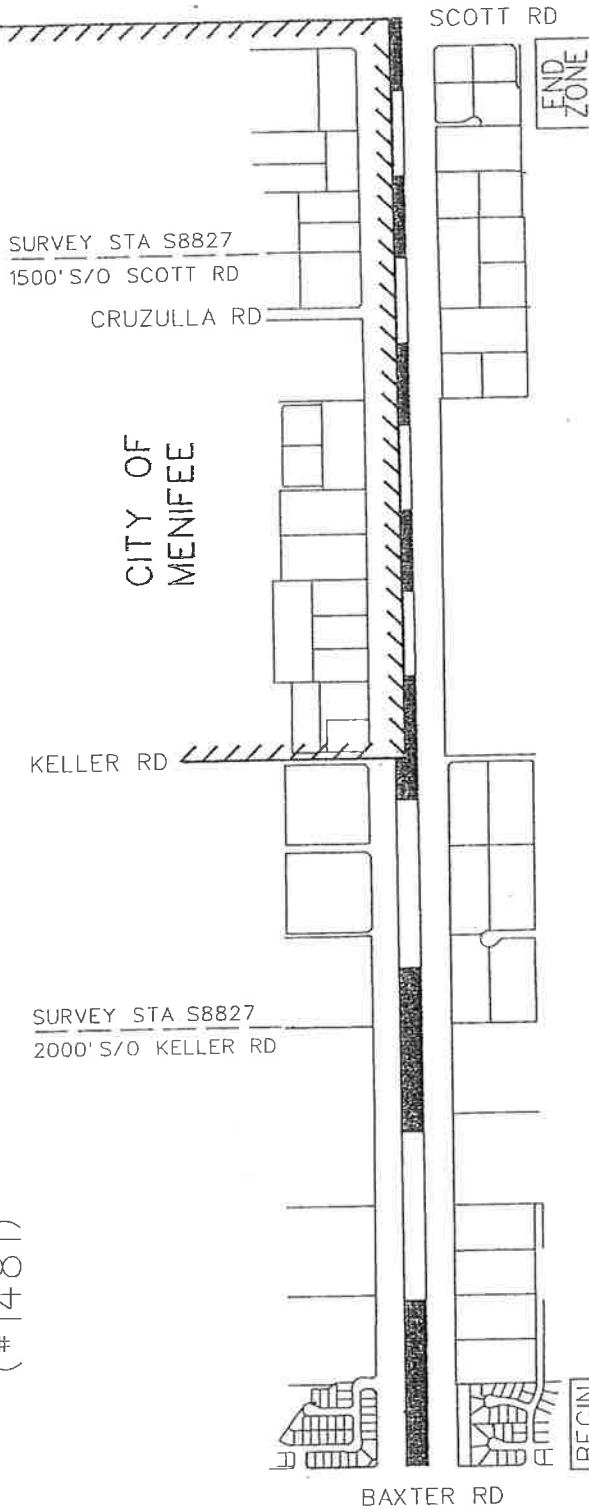
- * Maximum allowable speed limit for a two-lane highway is 55 mph
- **Maximum allowable speed limit for a multi-lane highway is 65 mph
- ***Change in speed zone boundary

LEGEND:

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

LEON ROAD

(#1481)



SEE SHEET
1 OF 2




NO SCALE

RECOMMENDED SPEED LIMIT	EQUESTRIAN LOTS - MULTIPLE TURNING MOVEMENTS - HIDDEN DRIVEWAYS - REDUCE TO 50 MPH 50 MPH
85th%TILE SPEED	56.5 MPH (AVERAGE OF THREE SIMILAR STATIONS OF 51.0 MPH & 62.0 MPH)
VEHICLES IN 24 HR (2 WAY)	7,000
SEGMENT LENGTH	2.0 MILES
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ☆	0.00 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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

COUNTY AREA:	MURRIETA	SURVEY DATE:	NOV 5, 2013	APPROVED BY:	<i>Lawrence T. Tai, P.E.</i>
COUNTY MAP:	121A, 121E	MAP DATE:	DEC 18, 2013	DATE:	1/30/2014
SUPERVISOR DISTRICT:	3/3	DRAWN BY:	N AHMAD	LAWRENCE T. TAI, P.E. COUNTY TRAFFIC ENGINEER	
		CAD FILE:	LEON_RD.DGN		



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
AT
LEON ROAD

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2 OF 2

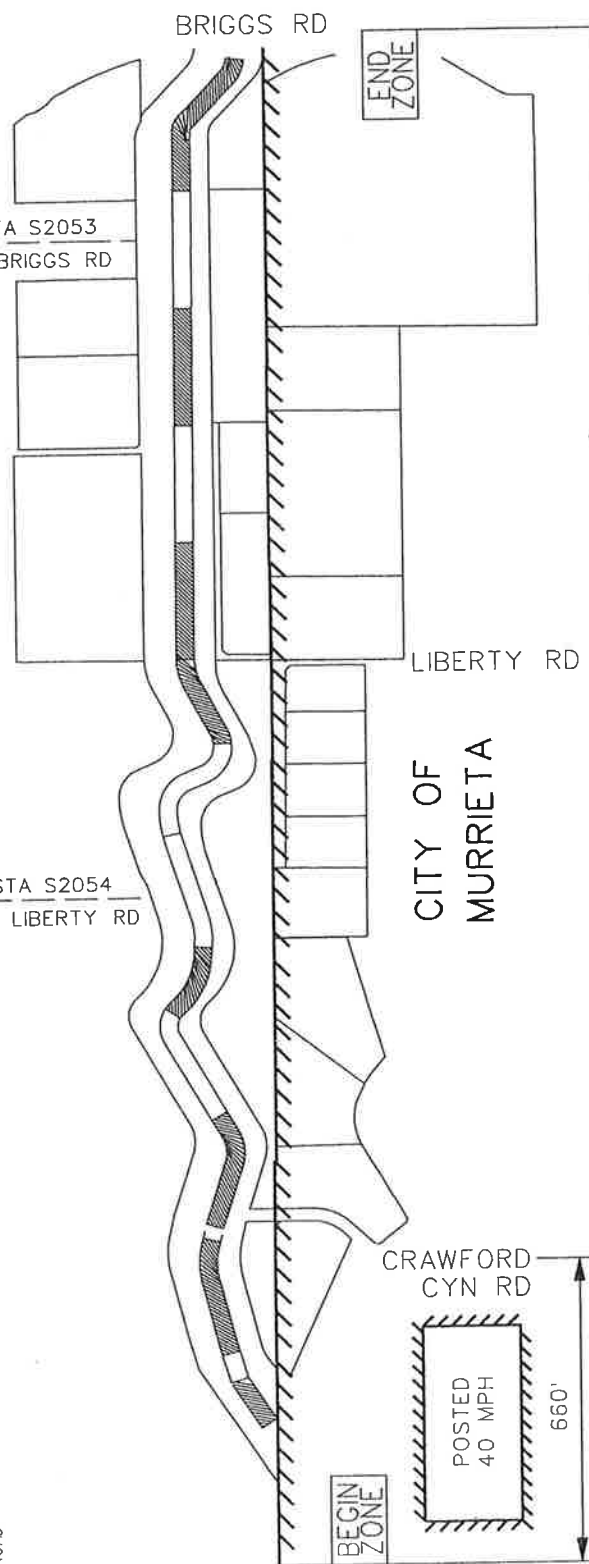
LOS ALAMOS ROAD

(#1467)

- LEGEND:
- ////// CITY LIMITS
 - ▬ RADAR ZONE
 - - - SURVEY STATION
 - OTHER STREET OR ROAD

SURVEY STA S2053
1000' W/O BRIGGS RD



SURVEY STA S2054
1000' W/O LIBERTY RD



NO SCALE

RECOMMENDED SPEED LIMIT	35 MPH
85th% TILE SPEED	42.0 MPH (AVG OF TWO SIMILAR SEGMENTS OF 40.0 & 44.0 MPH)
VEHICLES IN 24 HR (2 WAY)	8,010
SEGMENT LENGTH	1.3 MILE
ALL ACCIDENTS IN 2 YRS.	17
ACCIDENT RATE ☆	2.23 ACC/MVM
EXISTING SPEED LIMIT	40 MPH (Ord. 452.229 Sec. 2.4 No. 121)

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





		COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION		PAGE 1 OF 1
APPROVED BY:  DATE: 3/14/2014 LAWRENCE T. TAI P.E. COUNTY TRAFFIC ENGINEER		ENGINEERING AND TRAFFIC SURVEY AT LOS ALAMOS ROAD		
SURVEY DATE: MAR 6, 2014	MAP DATE: MAR 13, 2014	DRAWN BY: N AHMAD	CAD FILE: LOS_ALAMOS.DGN	
COUNTY AREA: MURRIETA	COUNTY MAP: 121B, 124	SUPERVISOR DISTRICT: 3/3		

**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	41 ST AVENUE Between Washington Street and Adams Street	Not Posted*	35	NEW

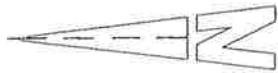
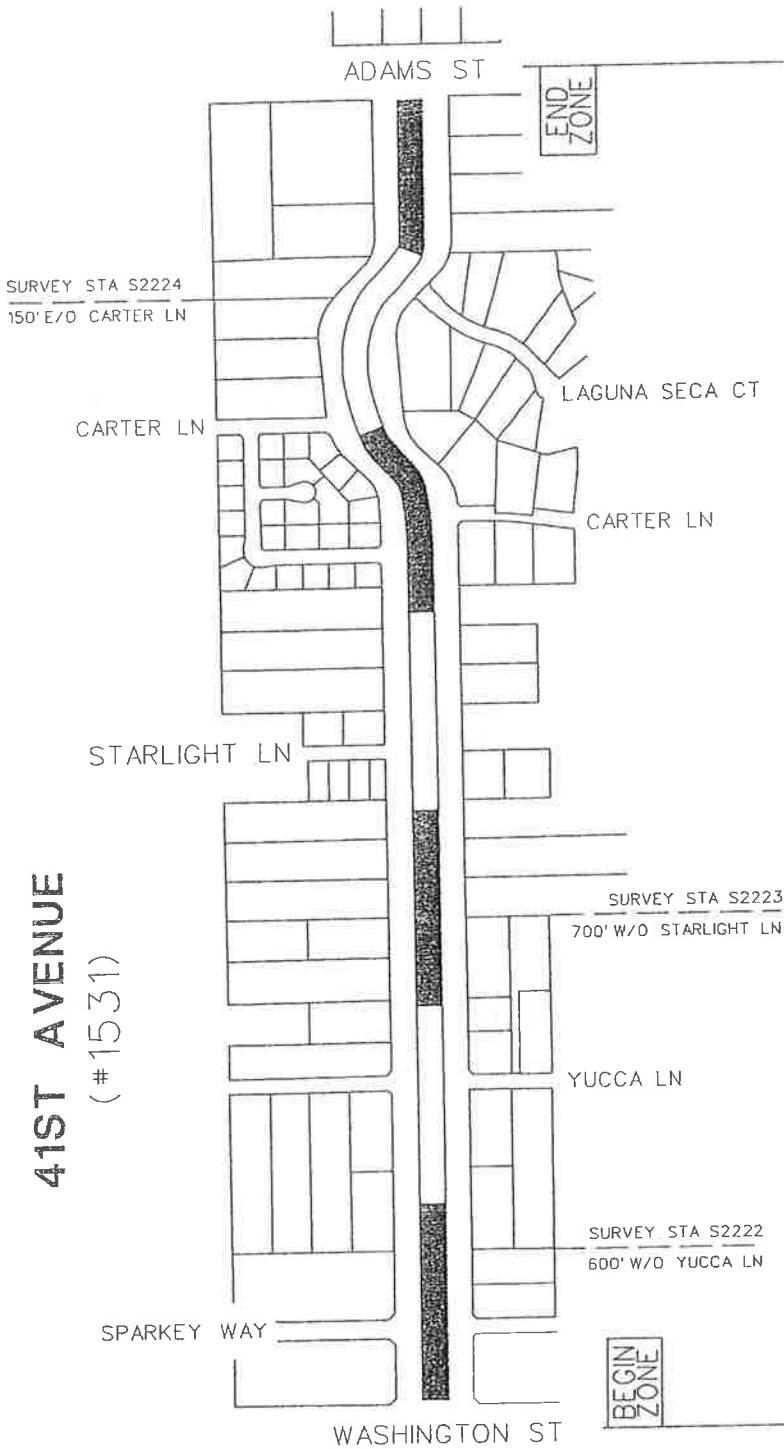
* Maximum allowable speed limit for a two-lane highway is 55 mph
 **Maximum allowable speed limit for a multi-lane highway is 65 mph
 ***Change in speed zone boundary

LEGEND:

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

41ST AVENUE

(#1531)




NO SCALE


RECOMMENDED SPEED LIMIT	35 MPH
85th% TILE SPEED	38.3 MPH (AVGERAGE 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 ☆	2.74 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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

COUNTY AREA:	BERMUDA DUNES	SURVEY DATE:	NOV 5, 2013
COUNTY MAP:	207A, 207B	MAP DATE:	DEC 16, 2013
SUPERVISOR DISTRICT:	4/4	DRAWN BY:	N AHMAD
		CAD FILE:	41ST_ST.DGN



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

APPROVED BY:

DATE: 2/7/2014

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

ENGINEERING AND TRAFFIC SURVEY
AT
41ST AVENUE

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

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

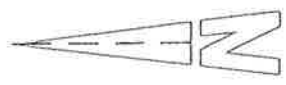
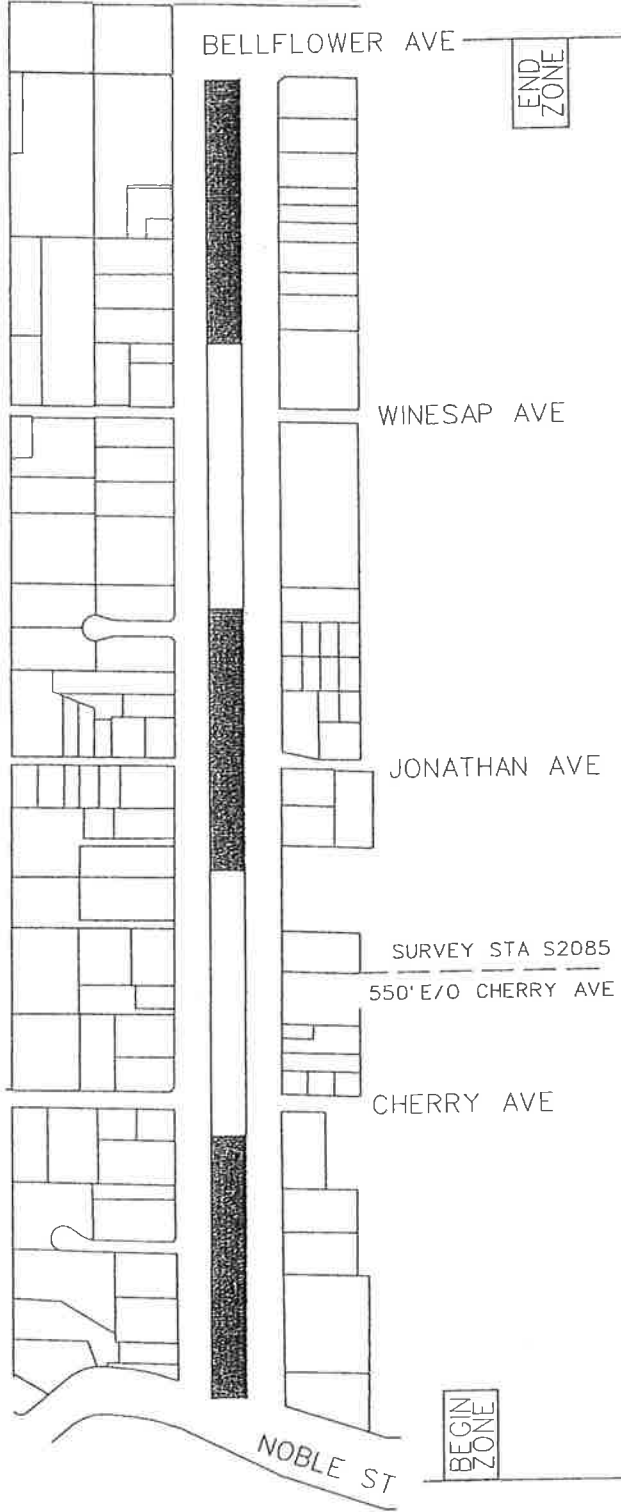
* Maximum allowable speed limit for a two-lane highway is 55 mph

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

***Change in speed zone boundary

DUTTON STREET (#1524)

- LEGEND:
- ////// CITY LIMITS
 - ▬ RADAR ZONE
 - - - SURVEY STATION
 - ▬ OTHER STREET OR ROAD




NO SCALE

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

COUNTY AREA:	CHERRY VALLEY	SURVEY DATE:	SEP 4, 2013
COUNTY MAP:	90,90B	MAP DATE:	DEC 2, 2013
SUPERVISOR DISTRICT:	5/5	DRAWN BY:	N AHMAD
		CAD FILE:	DUTTON.DGN



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
AT
DUTTON STREET

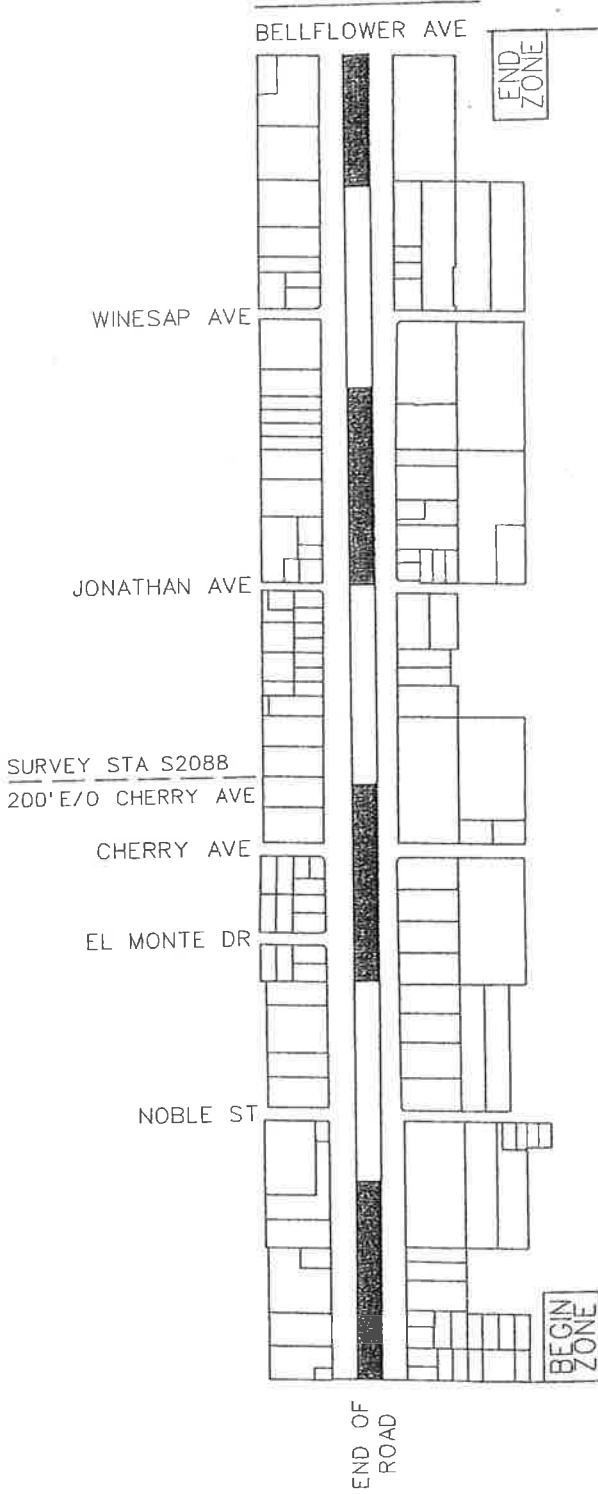
PAGE
1 OF 1

APPROVED BY: *Lawrence T. Tai*
 DATE: 1/24/2014
LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

LEGEND:

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

GRAND AVENUE (#1523)



NO SCALE

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

COUNTY AREA:	CHERRY VALLEY	SURVEY DATE:	SEP 4, 2013
COUNTY MAP:	90,90B	MAP DATE:	DEC 2, 2013
SUPERVISOR DISTRICT:	5/5	DRAWN BY:	N AHMAD
		CAD FILE:	GRAND.DGN

APPROVED BY: *Lawrence T. Tai*
 DATE: 1/23/14
LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

LEGEND:

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

HIGH STREET

(#1528)

SURVEY STA S2087
520' E/O CHERRY AVE

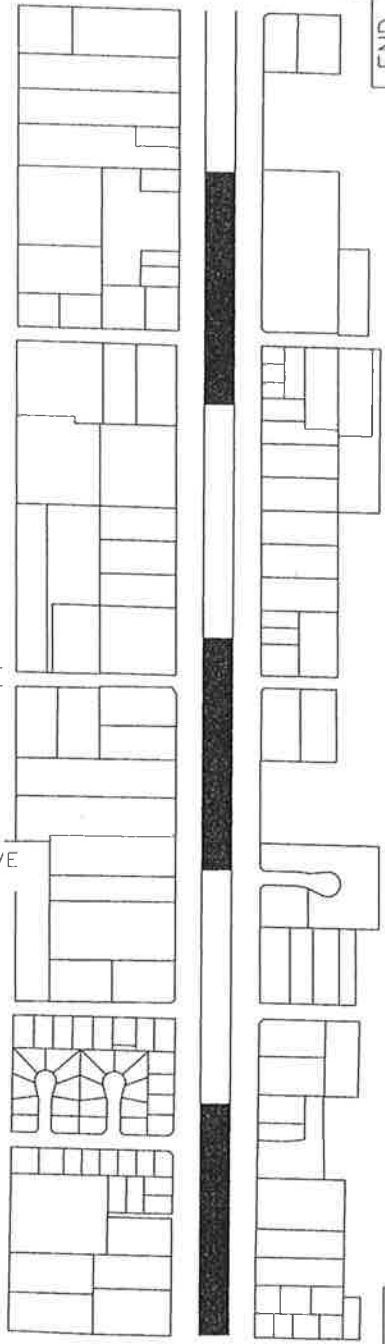
NOBLE ST

CHERRY AVE

JONATHAN AVE

WINESAP AVE

BELLFLOWER AVE



BEGIN ZONE

END ZONE

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 • NO. OF ACCIDENT x 1000 .000
VEH x 365 x 2 x MILE

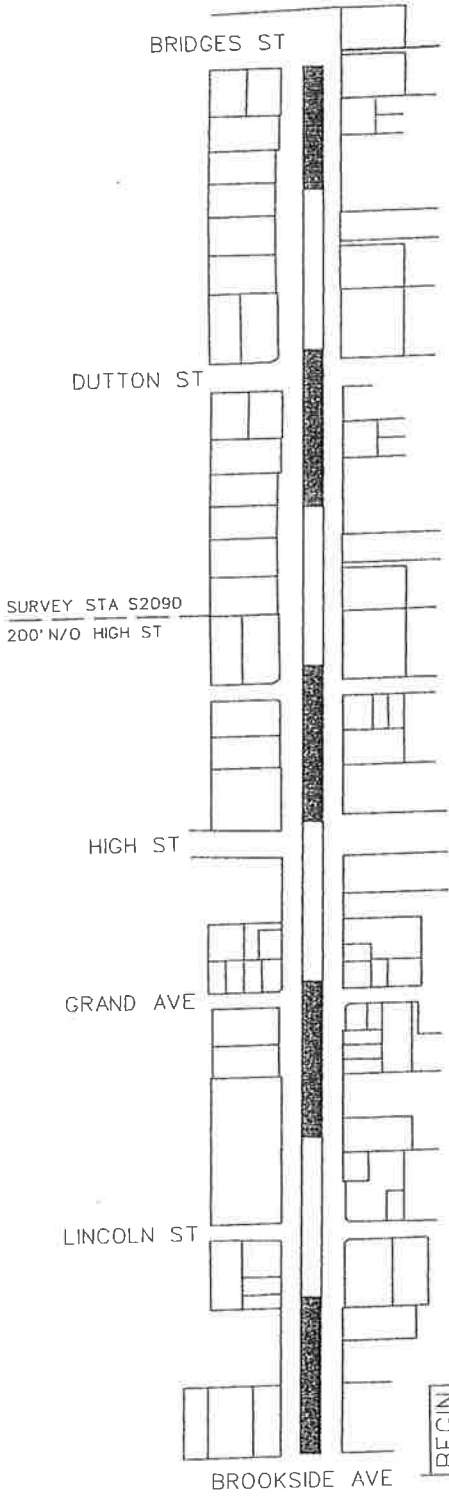
COUNTY AREA:	CHERRY VALLEY	SURVEY DATE:	SEP 4, 2013
COUNTY MAP:	90, 90B	MAP DATE:	DEC 2, 2013
SUPERVISOR DISTRICT:	5/5	DRAWN BY:	N AHMAD
		CAD FILE:	HIGH.DGN

APPROVED BY:
Lawrence T. Tai
DATE: 1/24/2014
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

JONATHAN AVENUE

(#1525)

- LEGEND:
- ////// CITY LIMITS
 - ▬ RADAR ZONE
 - - - SURVEY STATION
 - ▬▬▬ OTHER STREET OR ROAD



END ZONE

BEGIN ZONE



NO SCALE

RECOMMENDED SPEED LIMIT	35
85th% TILE SPEED	36.0 MPH
VEHICLES IN 24 HR (2 WAY)	110
SEGMENT LENGTH	1.1 MILE
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ☆	0.00 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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

APPROVED BY: *Lawrence T. Tai*
 DATE: 1/24/2014
 LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

SURVEY DATE: SEP 4, 2013
 MAP DATE: NOV 27, 2013
 DRAWN BY: N AHMAD
 CAD FILE: JONATHAN.DGN

COUNTY AREA: CHERRY VALLEY
 COUNTY MAP: 90, 90B
 SUPERVISOR DISTRICT: 5/5

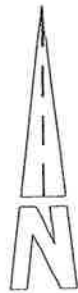
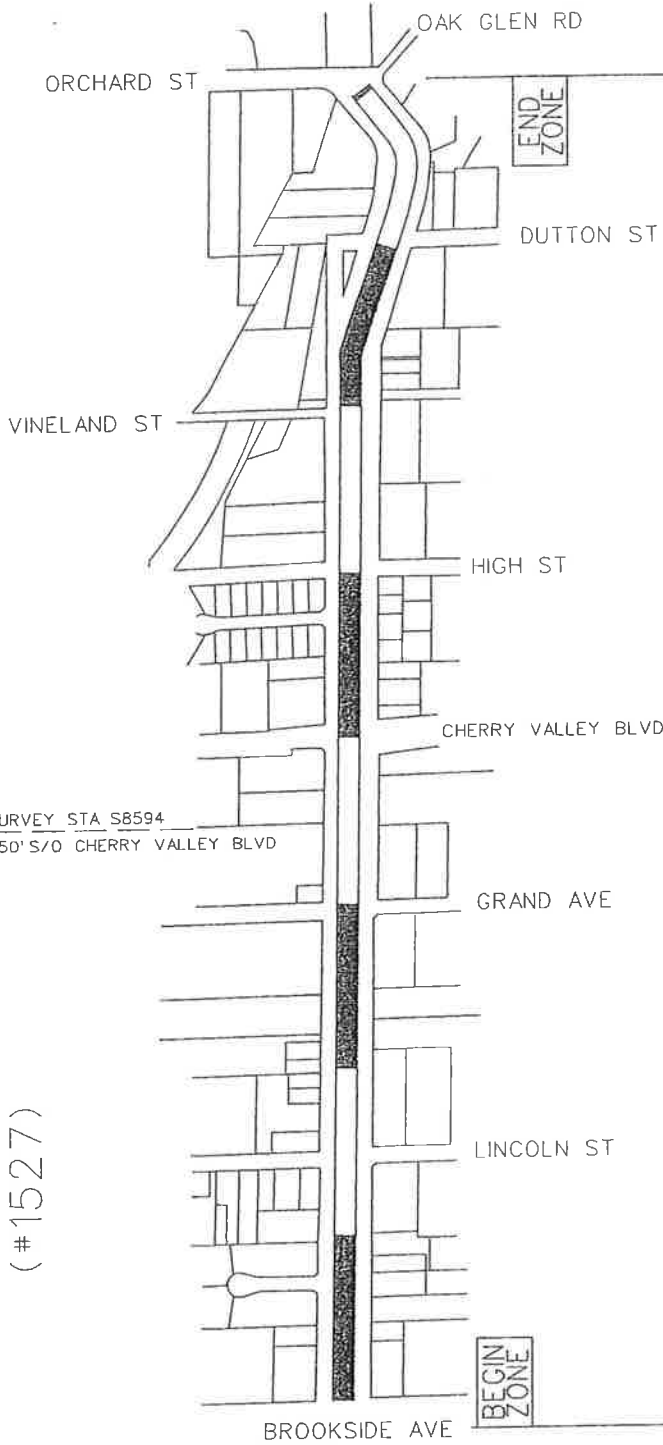
LEGEND:

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

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

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

APPROVED BY: *Lawrence T. Tai, P.E.*
DATE: 2/4/2014
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

SURVEY DATE: SEP 4, 2013
MAP DATE: NOV 25, 2013
DRAWN BY: N AHMAD
CAD FILE: NOBLE.DGN

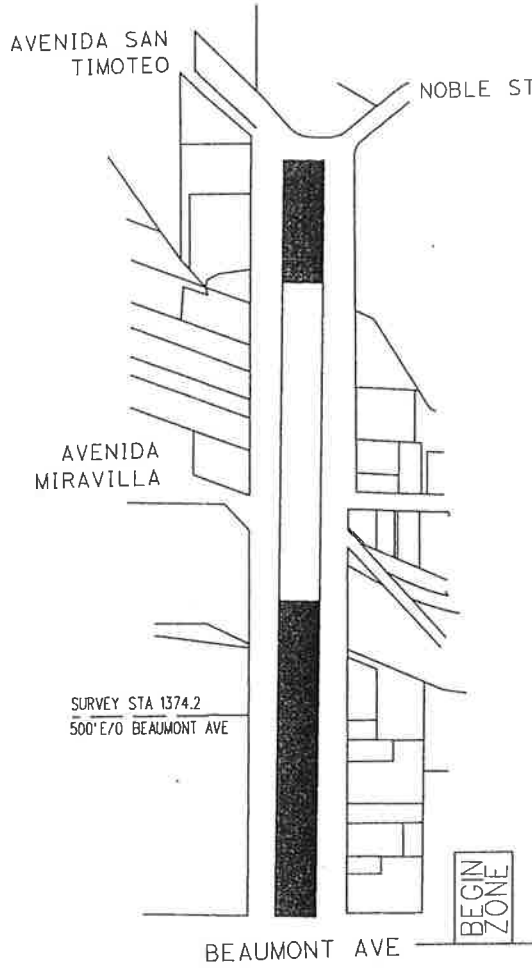
COUNTY AREA: CHERRY VALLEY
COUNTY MAP: 90, 90B
SUPERVISOR DISTRICT: 5/5

LEGEND:

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

ORCHARD STREET

(#1374)



SEE SHEET
1 OF 2







NO SCALE

RECOMMENDED SPEED LIMIT	45 MPH	END ZONE
PREVAILING SPEED (85%)	49.0 MPH	
VEHICLES IN 24 HR (2 WAY)	1215	
SEGMENT LENGTH	0.5 MILE	
ALL ACCIDENTS IN 2 YRS.	1	
ACCIDENT RATE ☆	2.25 ACC/MVM	
EXISTING SPEED LIMIT	NOT POSTED	

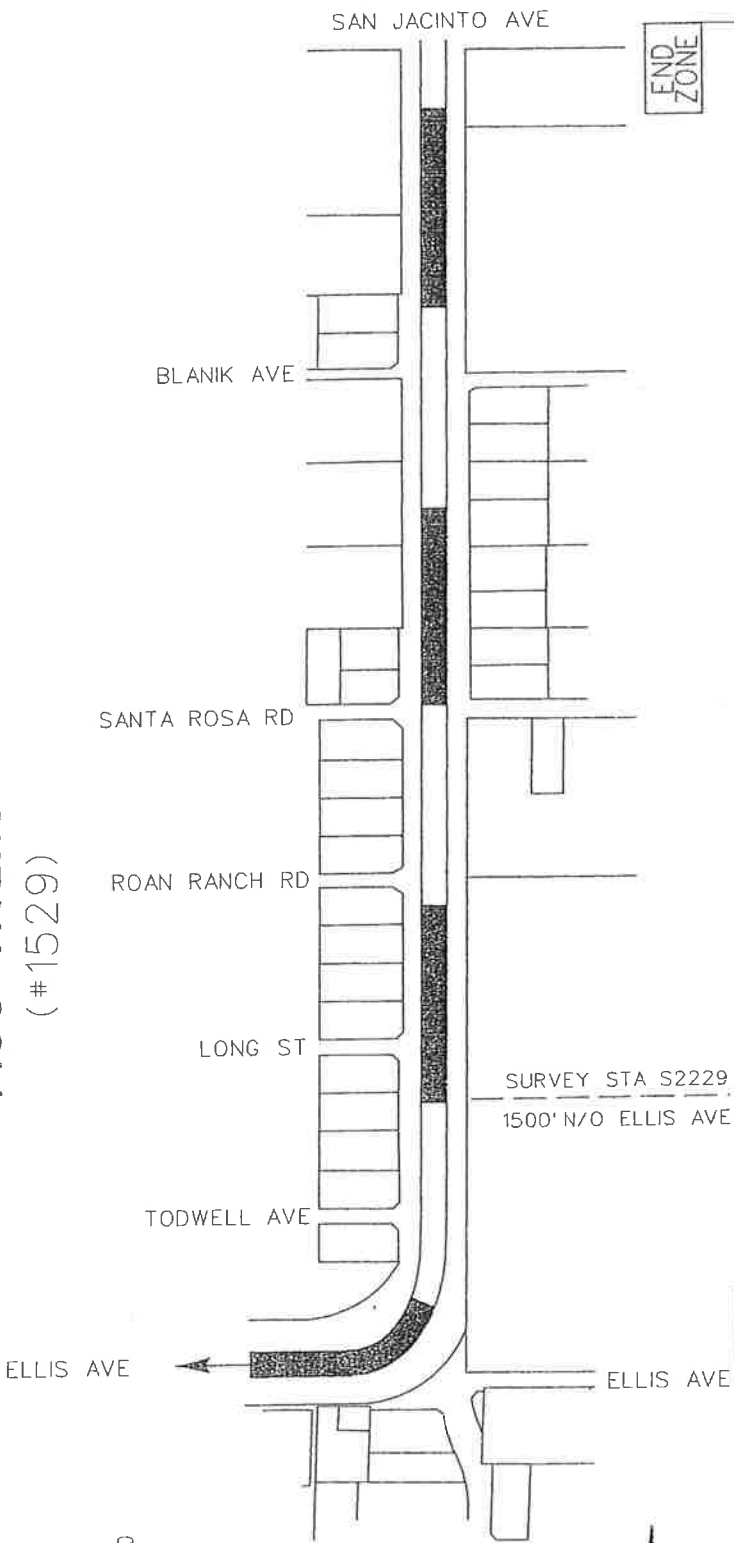
☆ RATE: ACCIDENT x 1,000,000
VEH x 365 x 2 x MILE



COUNTY AREA:	CHERRY VALLEY	SURVEY DATE:	SEP 4, 2013	APPROVED BY:	<i>Lawrence T. Tai</i>
COUNTY MAP PAGE:	90A	MAP DATE:	DEC 12, 2013	DATE:	2/7/2014
SUPERVISOR DISTRICT:	5/5	DRAWN BY:	N AHMAD		
		CAD FILE:	ORCHARD.DGN		

LEGEND:

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

PICO AVENUE (#1529)



 BEGIN ZONE	 END ZONE
RECOMMENDED SPEED LIMIT	50 MPH
85th% TILE SPEED	54.0 MPH
VEHICLES IN 24 HR (2 WAY)	1,940
SEGMENT LENGTH	1.0 MILE
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ☆	0.00 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED



NO SCALE

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

SURVEY DATE:	DEC 3, 2013
MAP DATE:	DEC 16, 2013
DRAWN BY:	N AHMAD
CAD FILE:	PICO.DGN

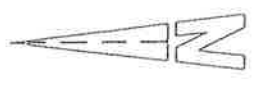
APPROVED BY: 
 DATE: 1/23/2014
LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

VINELAND STREET

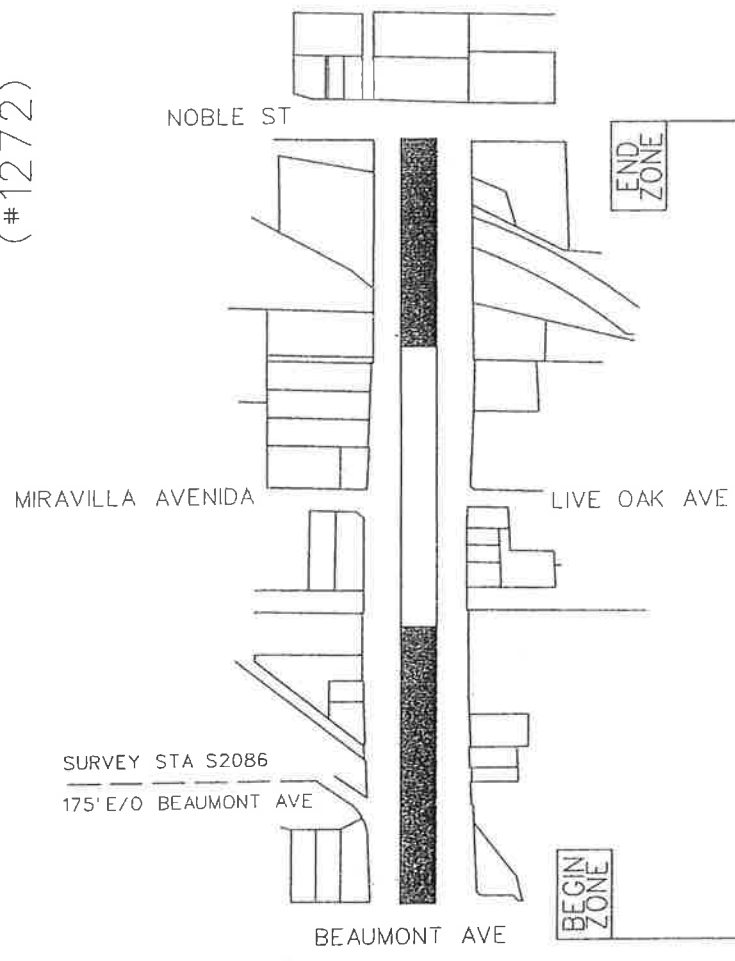
(#1272)

- LEGEND:
- ////// CITY LIMITS
 - ▬ RADAR ZONE
 - - - SURVEY STATION
 - ▬▬ OTHER STREET OR ROAD

SEE SHEET
1 OF 2



NO SCALE



RECOMMENDED SPEED LIMIT	30 MPH
85th% TILE SPEED	29.0 MPH
VEHICLES IN 24- HR (2 WAY)	2310
SEGMENT LENGTH	0.5 MILE
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ☆	0.00 MVM
EXISTING SPEED LIMIT	NOT POSTED

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

APPROVED BY:
Lawrence T. Tai, P.E.
DATE: 1/30/2014
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

SURVEY DATE: SEP 4, 2013
MAP DATE: NOV 21, 2013
DRAWN BY: N AHMAD
CAD FILE: VINELAND.DGN

COUNTY AREA: CHERRY VALLEY
COUNTY MAP: 90
SUPERVISOR DISTRICT: 5/5

**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. 1st/1st, 3rd/3rd, 4th/4th, and 5th/5th 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.

Patricia Romo

Assistant Director of Transportation

Patricia Romo

Juan C. Perez

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%) There are no General Funds used in this project.				Budget Adjustment: No	
				For Fiscal Year: 2013/2014	

C.E.O. RECOMMENDATION:

APPROVE

BY: *Tina Grande*
Tina Grande

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Stone, seconded by Supervisor Benoit and duly carried, IT WAS ORDERED that the above ordinance is approved as introduced with waiver of reading.

Ayes: Jeffries, Stone, Benoit and Ashley
Nays: None
Absent: Tavaglione
Date: April 8, 2014
xc: Transp., COB

Kecia Harper-Ihem
Clerk of the Board
By: *Kecia Harper-Ihem*
Deputy

Prev. Agn. Ref.:

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

Agenda Number:

3-32

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

- A-30
- Positions Added
- 4/5 Vote
- Change Order

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. 1st/1st, 3rd/3rd, 4th/4th, and 5th/5th 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 Geronimo, 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)