

FORM APPROVED COUNTY COUNSEL
 BY: GREGORY P. PRIAMOS
 DATE: 9/24/16

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

922



FROM: TLMA – Transportation Department

SUBMITTAL DATE:
 December 24, 2015

SUBJECT: Adopt Ordinance No. 452.240 to Establish Speed Zones Enforceable by Radar Speed Detection Equipment in the Cabazon, French Valley, Perris, Temecula, and Temescal Valley Areas. 1st, 3rd, and 5th Districts; [\$4,000]; Gas Tax 100%

RECOMMENDED MOTION: That the Board of Supervisors adopt Ordinance No. 452.240, 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

The County of Riverside Transportation Department (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 the Cabazon, French Valley, Perris, Temecula, and Temescal Valley areas of Riverside County.

Departmental Concurrence

Patricia Romo
 Assistant Director of Transportation

Juan C. Perez
 Director of Transportation and Land Management

LTT:DA:sa

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 4,000	\$ 0	\$ 0	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0	

SOURCE OF FUNDS: Gas Tax (100%). No General Funds used in this project. **Budget Adjustment:** No
For Fiscal Year: 2015/2016

C.E.O. RECOMMENDATION:

APPROVE

BY:

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

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

Prev. Agn. Ref.: | **District:** 1,3,5 | **Agenda Number:**

3-30

SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
FORM 11: Adopt Ordinance No. 452.240 to Establish Speed Zones Enforceable by Radar Speed Detection Equipment in the Cabazon, French Valley, Perris, Temecula, and Temescal Valley Areas. 1st, 3rd, and 5th Districts; [\$4,000]; Gas Tax 100%
DATE: December 24, 2015
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 contacted the Riverside, Temecula, and San Geronio 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 promote 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 \$4,000.

Contract History and Price Reasonableness

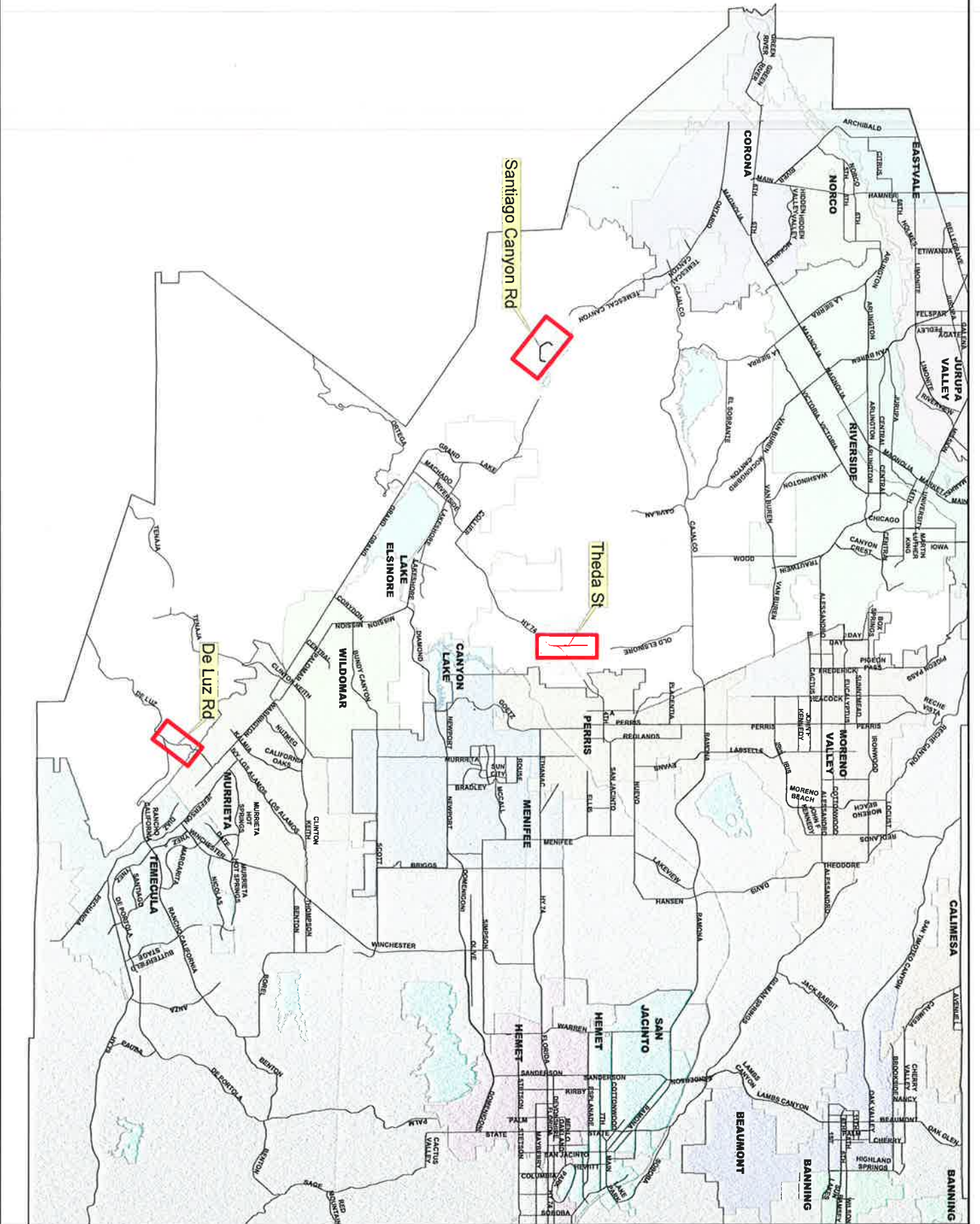
N/A

ATTACHMENTS

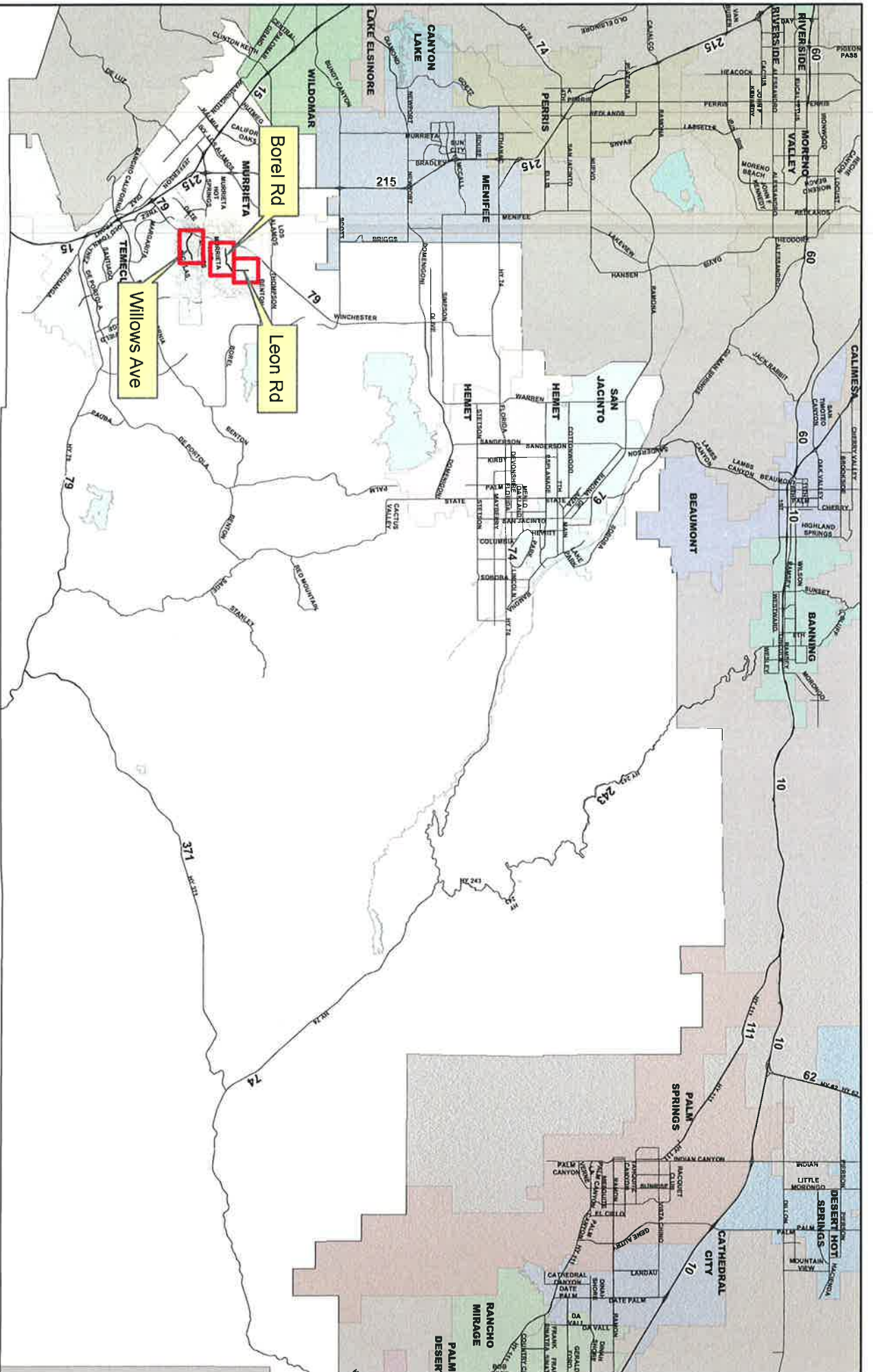
Vicinity Maps
Ordinance No. 452.240
List of Speed Zone Submittals
Speed Zone Diagrams



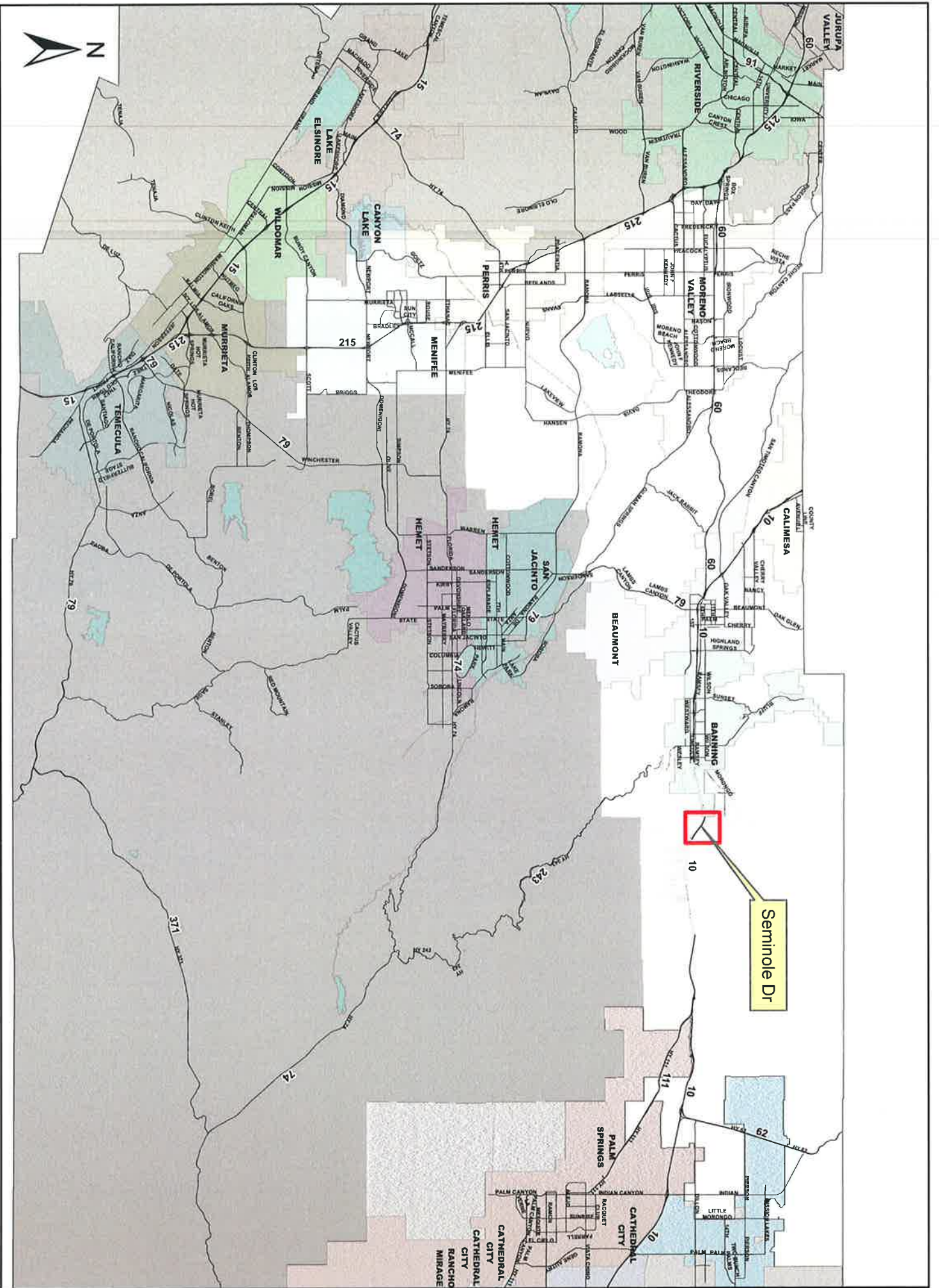
ORDINANCE 452.240 DISTRICT 1 SPEED ZONE VICINITY MAP



ORDINANCE 452.240 DISTRICT 3 SPEED ZONE VICINITY MAP



ORDINANCE 452.240 DISTRICT 5 SPEED ZONE VICINITY MAP



1 "3. On Borel Road between Sky Canyon Drive and Leon Road, a total
2 distance of approximately 1.20 miles, in the French Valley area.

3 4. On Leon Road between Borel Road and Auld Road, a total distance
4 of approximately 0.76 miles, in the French Valley area."

5 Section 6. Subsection 70 of Section 2.5 of Ordinance 452 adopted on February 4,
6 2003, pursuant to Ordinance No. 452.214, is repealed in its entirety. Subsection 70 of Section 2.5
7 established a forty-five miles per hour speed limit on Seminole Drive between the centerline of Fields
8 Road and the centerline of Apache Trail.

9 Subsection 68 of Section 2.4 of Ordinance 452 adopted on August 26, 2003, pursuant to
10 Ordinance No. 452.216, is repealed in its entirety. Subsection 68 of Section 2.4 established a forty miles
11 per hour speed limit on Willows Avenue between Winchester Road and Town View Avenue.

12
13 Section 7. This ordinance shall take effect 30 days after its adoption.

14
15 BOARD OF SUPERVISORS OF THE COUNTY
16 OF RIVERSIDE, STATE OF CALIFORNIA

17 BY: _____
18 SUPERVISOR JOHN J. BENOIT, Chairman

19 ATTEST:
20 KECIA HARPER-IHEM, Clerk of the Board

21
22 By: _____
23 Deputy

24 APPROVED AS TO FORM:
25 GREGORY P. PRIAMOS, County Counsel

26
27 By:  1/21/14
28 Deputy Kristine Bell-Valdez

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22 By: _____
23 Deputy

24 APPROVED AS TO FORM:
25 GREGORY P. PRIAMOS, County Counsel

26
27 By:  1/21/14
Deputy Kristine Bell-Valdez

**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.240
SUPERVISORIAL DISTRICT NO. 1**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
TEMECULA	DE LUZ ROAD Between Rancho California Road and a point 2,785 feet north of Via Medeiros	Not Posted [^]	20	NEW
TEMESCAL VALLEY	SANTIAGO CANYON ROAD Between Mayhew Canyon Road and De Palma Road	Not Posted*	30	NEW
PERRIS	THEDA STREET Between SH-74 and Ellis Avenue	Not Posted*	40	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
- ^ Existing county-maintained dirt road

**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.240
SUPERVISORIAL DISTRICT NO. 3**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
FRENCH VALLEY	BOREL ROAD Between Sky Canyon Drive and Leon Road	Not Posted^	25	NEW
FRENCH VALLEY	LEON ROAD Between Borel Road and Auld Road	Not Posted^	25	NEW
TEMECULA	WILLOWS AVENUE Between Winchester Road/SH-79 and Golden Rod Road	40	35	SPEED LIMIT REDUCTION

- * 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
- ^ Existing county-maintained dirt road

**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.240
SUPERVISORIAL DISTRICT NO. 5**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
CABAZON	SEMINOLE DRIVE Between Malki Road and Morongo Trail	45	40	SPEED LIMIT REDUCTION

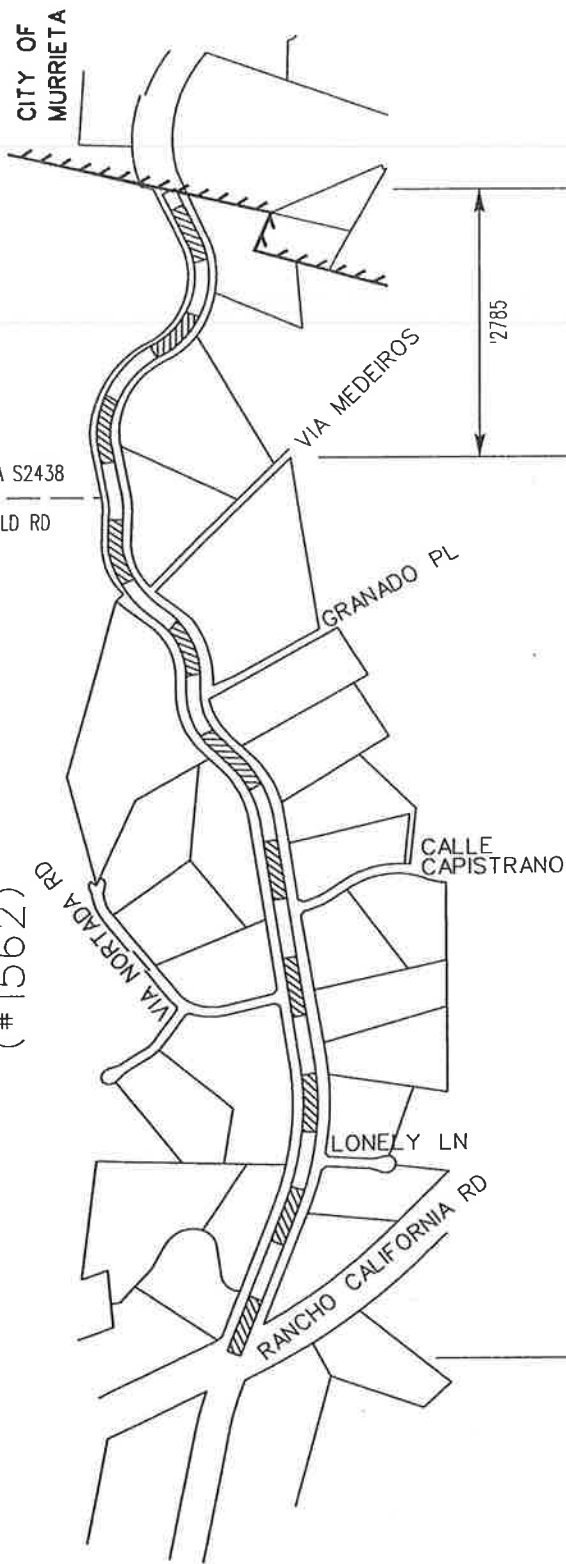
- * Maximum allowable speed limit for a two-lane highway is 55 mph
- **Maximum allowable speed limit for a multi-lane highway is 65 mph
- ***Change in speed zone boundary

LEGEND:

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

DE LUZ ROAD (#1562)

SURVEY STA S2438
290° S/O AULD RD



BEGIN ZONE

END ZONE

NO SCALE

* 25 MPH PER CVC 22365

COUNTY MAINTAINED DIRT ROAD

RECOMMENDED SPEED LIMIT

* 20 MPH

85th% TILE SPEED

N/A

VEHICLES IN 24 HR (2 WAY)

385

SEGMENT LENGTH

1.48 MILE

ALL ACCIDENTS IN 2 YRS.

0

ACCIDENT RATE ☆

00.00 ACC/MVM

EXISTING SPEED LIMIT

NOT POSTED

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

COUNTY AREA: TEMECULA

STUDY DATE: NOV 4, 2015

COUNTY MAP: 82, 84A

MAP DATE: DEC 10, 2015

SUPERVISOR DISTRICT: 1/1

DRAWN BY: J VALADEZ

CAD FILE: DE LUZ RD.DGN

APPROVED BY: *Lawrence T. Taipe*
DATE: 12/10/2015
LAWRENCE T. TAIPE.
COUNTY TRAFFIC ENGINEER

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

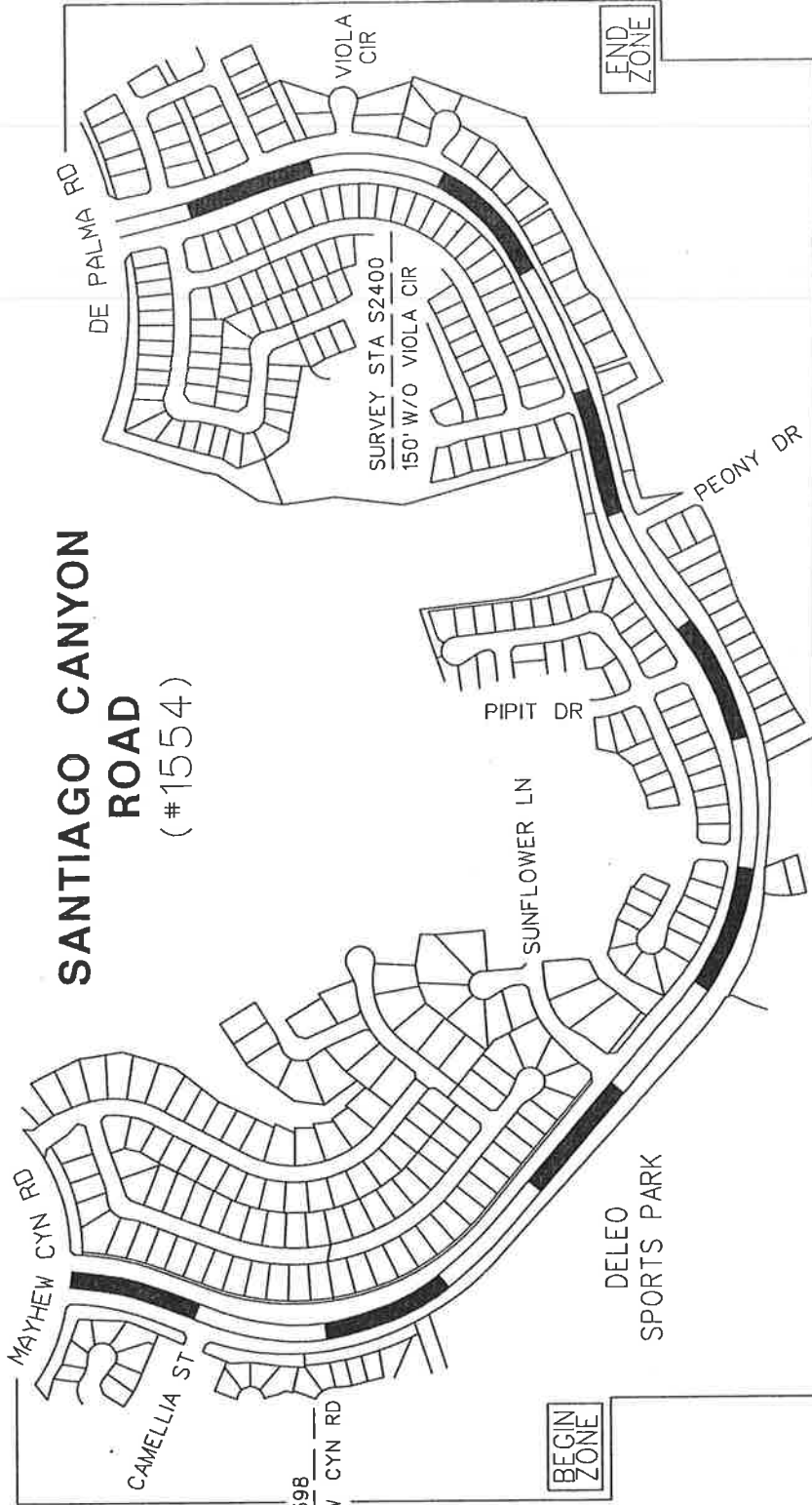
ENGINEERING AND TRAFFIC SURVEY
AT

DE LUZ ROAD



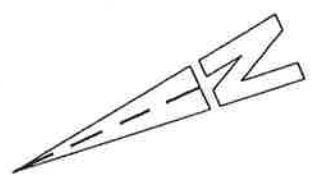
SANTIAGO CANYON ROAD

(#1554)



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

SURVEY STA S2398
900' S/O MAYHEW CYN RD



NO SCALE

RECOMMENDED SPEED LIMIT	30 MPH
85th% TILE SPEED	35.5 MPH (AVERAGE OF TWO SIMILAR SEGMENTS 36.0 & 35.0)
VEHICLES IN 24 HR (2 WAY)	1,275
SEGMENT LENGTH	1.3 MILE
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ☆	0.00 ACC/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: 8/26/15

SURVEY DATE: JUL 1, 2015
MAP DATE: AUG 10, 2015
DRAWN BY: N AHMAD
CAD FILE: SANTIAGO_CYN.DGN

COUNTY AREA: TEMESCAL VALLEY
COUNTY MAP: 33-1
SUPERVISOR DISTRICT: 1/1

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

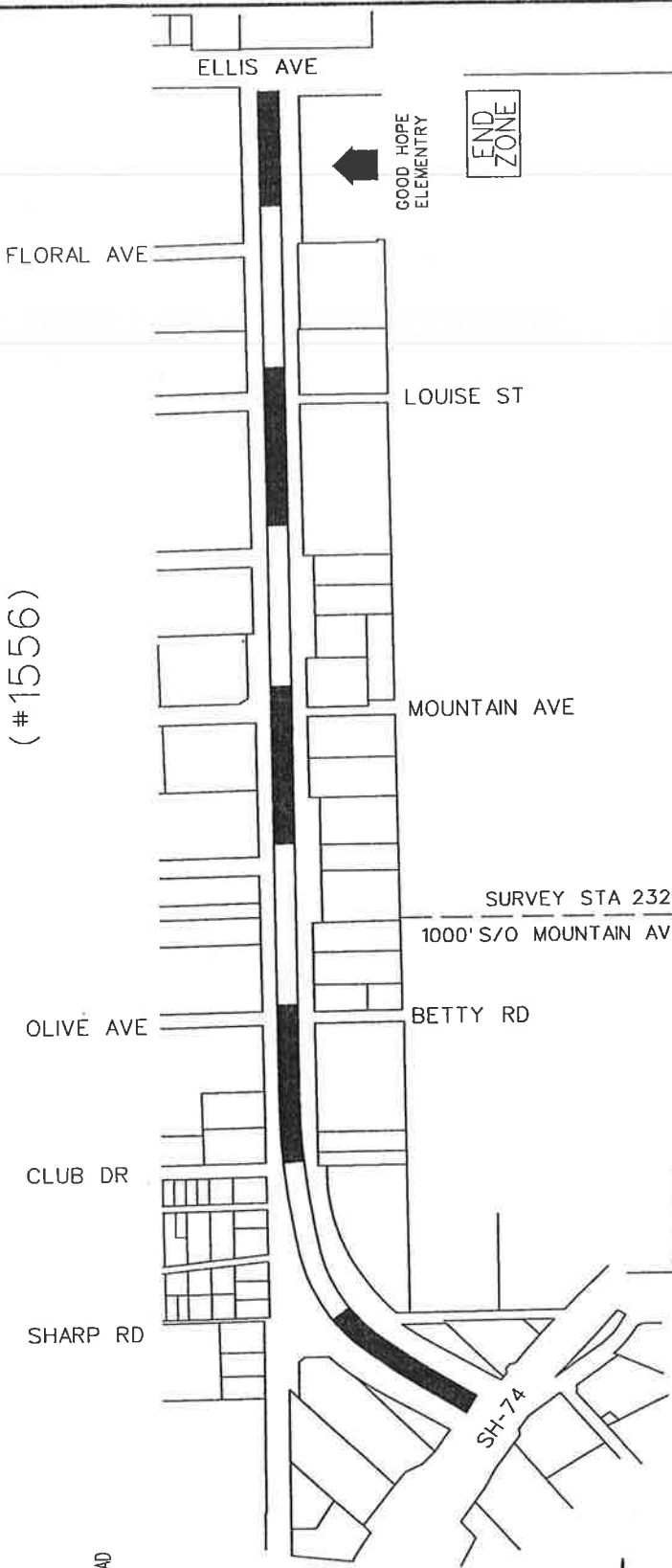
ENGINEERING AND TRAFFIC SURVEY
AT

SANTIAGO CANYON ROAD



THEDA STREET (#1556)

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



BEGIN ZONE

END ZONE



NO SCALE

RECOMMENDED SPEED LIMIT	40 MPH
85th% TILE SPEED	43.0 MPH
VEHICLES IN 24 HR (2 WAY)	3,200
SEGMENT LENGTH	1.1 MI
ALL ACCIDENTS IN 2 YRS.	3
ACCIDENT RATE ☆	1.17 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

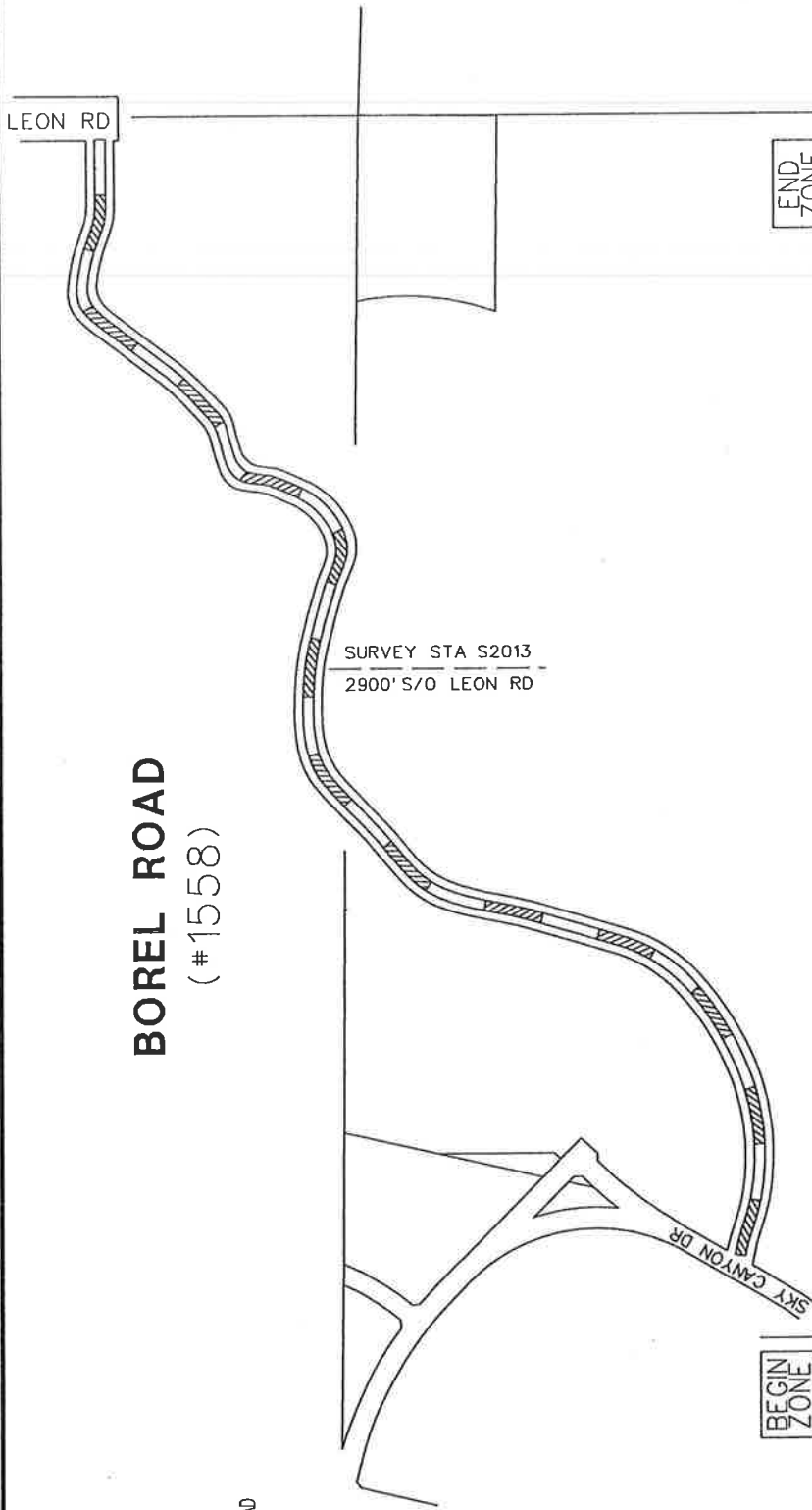
☆ RATE - NO. OF ACCIDENT x 1,000,000
VEH x 365 x 2 x MILE

COUNTY AREA: PERRIS COUNTY MAP: 63A SUPERVISOR DISTRICT: 5/1	SURVEY DATE: SEP 9, 2015 MAP DATE: NOV 9, 2015 DRAWN BY: J VALADEZ CAD FILE: THEDA-ST.DGN	APPROVED BY: <i>Lawrence T. Tai</i> DATE: 11/16/2015 LAWRENCE T. TAI, P.E. COUNTY TRAFFIC ENGINEER	COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION ENGINEERING AND TRAFFIC SURVEY AT THEDA STREET	PAGE 1 OF 1
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LEGEND:

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

BOREL ROAD (#1558)



BEGIN ZONE

END ZONE

*PRIMA FACIE 25 MPH PER CVC 22365	COUNTY MAINTAINED DIRT ROAD
RECOMMENDED SPEED LIMIT	* 25 MPH
85th% TILE SPEED	N/A
VEHICLES IN 24 HR (2 WAY)	103
SEGMENT LENGTH	1.2 MILE
ALL ACCIDENTS IN 2 YRS.	2
ACCIDENT RATE ☆	22.1 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: 12/10/2015
LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

STUDY DATE: NOV 4, 2015
 MAP DATE: DEC 2, 2015
 DRAWN BY: J VALADEZ
 CAD FILE: BOREL RD.DGN

COUNTY AREA: FRENCH VALLEY
 COUNTY MAP: 124C
 SUPERVISOR DISTRICT: 3/3

LEGEND:

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

LEON ROAD (#1560)

BOREL RD

SURVEY STA S2436
578' S/O AULD RD

AULD RD

ALLEN ST

VAN GAALE LN

BEGIN ZONE

END ZONE



NO SCALE

* 25 MPH PER CVC 22365

RECOMMENDED SPEED LIMIT

85th%TILE SPEED

VEHICLES IN 24 HR (2 WAY)

SEGMENT LENGTH

ALL ACCIDENTS IN 2 YRS.

ACCIDENT RATE ☆

EXISTING SPEED LIMIT

COUNTY MAINTAINED DIRT ROAD

* 25 MPH

N/A

130

0.76 MILE

0

00.00 ACC/MVM

NOT POSTED

☆ RATE: $\frac{\text{NO. OF ACCIDENT} \times 1000.000}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$

COUNTY AREA: FRENCH VALLEY

COUNTY MAP: 124B, 124C

SUPERVISOR DISTRICT: 3/3

STUDY DATE: NOV 4, 2015

MAP DATE: DEC 9, 2015

DRAWN BY: J VALADEZ

CAD FILE: LEON RD.DGN

APPROVED BY:

Lawrence T. Tai, P.E.

DATE: 12/10/2015

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

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
AT

LEON ROAD



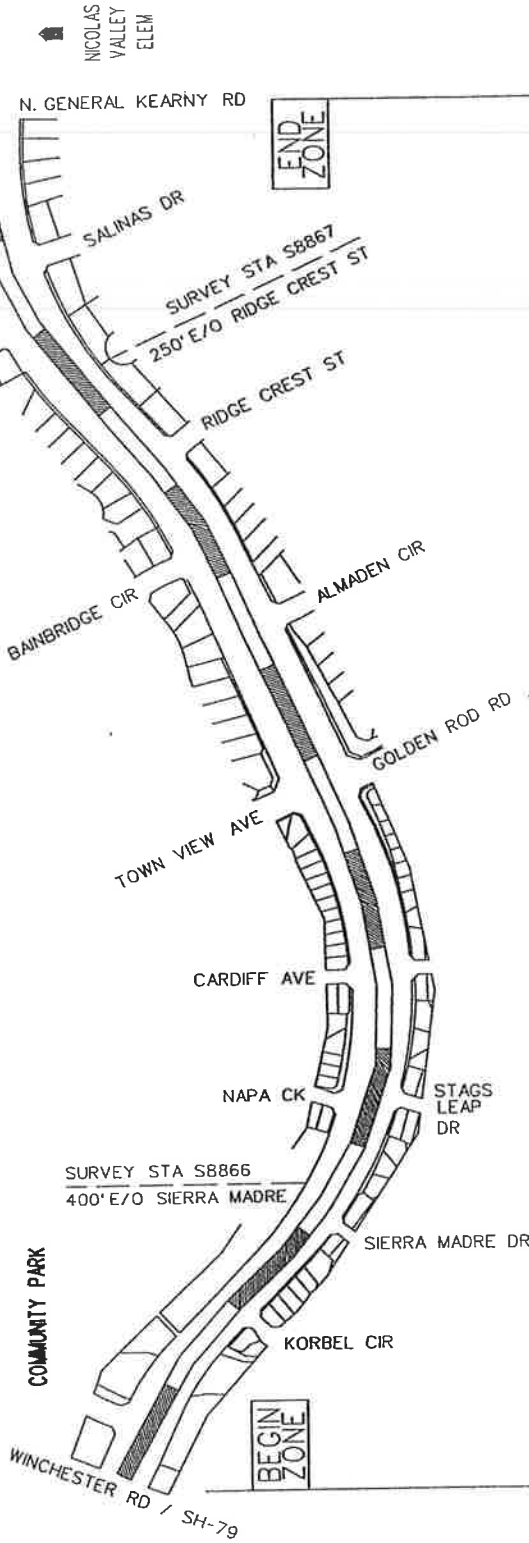
PAGE

1 OF 1

SEE SHEET
2 OF 2

WILLOWS AVENUE (#1363)

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



NO SCALE

RECOMMENDED SPEED LIMIT	35 MPH	35 MPH
85th % TILE SPEED	37.0 MPH	38.0 MPH
VEHICLES IN 24 HR (2 WAY)	4,745	2,775
SEGMENT LENGTH	0.63 MILE	0.4 MILE
ALL ACCIDENTS IN 2 YRS.	2	1
ACCIDENT RATE ☆	0.92 ACC/MVM	1.23 ACC/MVM
EXISTING SPEED LIMIT	40 MPH (Ord. 452.216 Sec. 2.4 No. 68)	35 MPH (Ord. 452.214 Sec. 2.3 No. 60)

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

COUNTY AREA:	TEMECULA	SURVEY DATE:	JAN 27, 2015
COUNTY MAP:	128A, 128B	MAP DATE:	APR 10, 2015
SUPERVISOR DISTRICT:	3/3	DRAWN BY:	N AHMAD
		CAD FILE:	WILLOWS.DGN

APPROVED BY:
 DATE: 10/8/2015
LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
 TRAFFIC ENGINEERING DIVISION

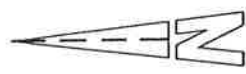
ENGINEERING AND TRAFFIC SURVEY
 AT
WILLOWS AVENUE

PAGE
1 OF 2

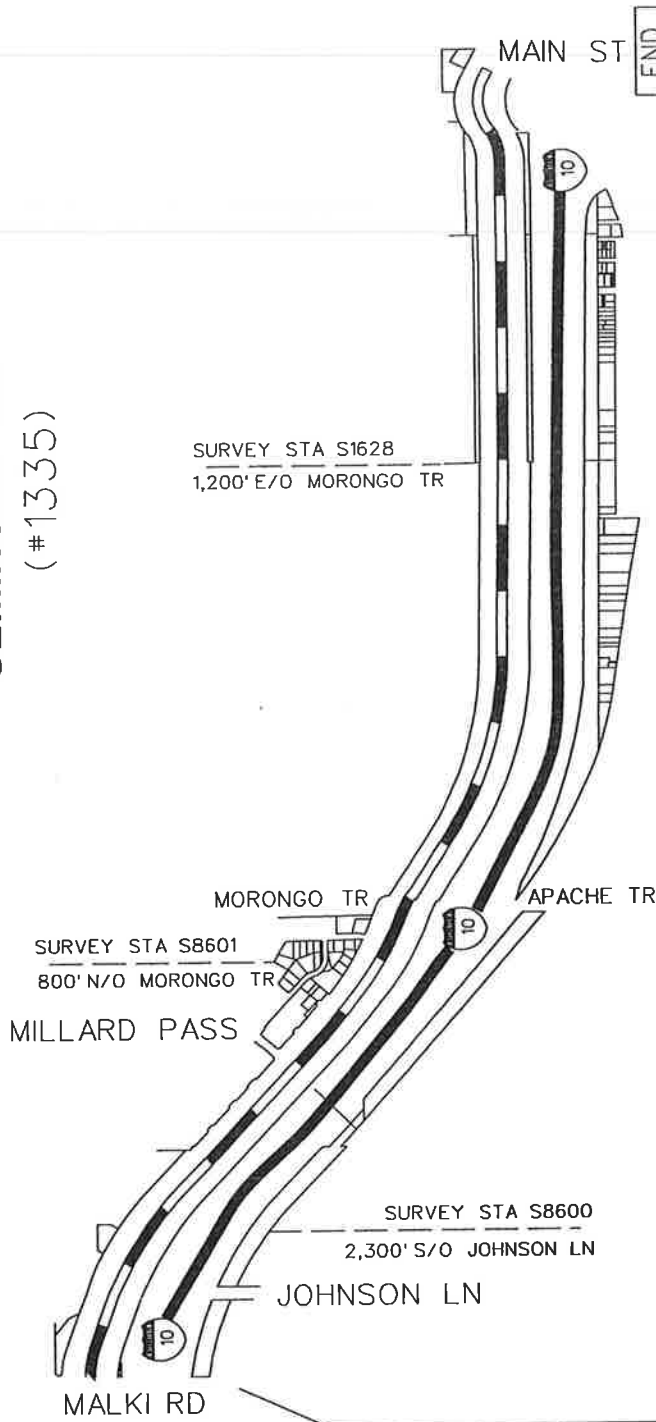
SEMINOLE DRIVE (#1335)

LEGEND:

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



NO SCALE



RECOMMENDED SPEED LIMIT	40 MPH	50 MPH
PREVAILING SPEED (85%th)	41.5 MPH (AVERAGE OF 45.0 & 38.0 MPH)	51.3 MPH
VEHICLES IN 24 HR (2 WAY)	6,100	7,609
SEGMENT LENGTH	1.2 MILE	2.1 MILE
ALL ACCIDENTS IN 2 YRS.	18	18
ACCIDENT RATE ☆	3.37 ACC/MVM	1.54 ACC/MVM
EXISTING SPEED LIMIT	45 MPH (Ord. 452.214 Sec. 2.5 No. 70)	50 MPH (Ord. 452.214 Sec. 2.6 No. 30)

☆ RATE = $\frac{\text{ACCIDENT} \times 1000}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$

APPROVED BY:

Lawrence T. Talpe
DATE: 12/10/2015

LAWRENCE T. TALPE
COUNTY TRAFFIC ENGINEER

SURVEY DATE:	FEB 20, 2014
MAP DATE:	NOV 5, 2015
DRAWN BY:	J VALADEZ
CAD FILE:	SEMINOLE.DGN

COUNTY AREA:	CABAZON
COUNTY MAP:	139, 140A
SUPERVISOR DISTRICT:	5/5