

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



ITEM
3.33
(ID # 8722)

MEETING DATE:

Tuesday, February 26, 2019

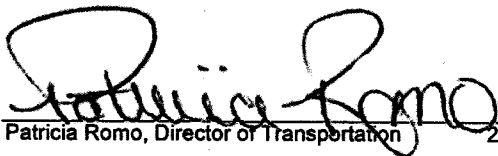
FROM : TLMA-TRANSPORTATION:

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY/TRANSPORTATION:
Introduction of Ordinance No. 452.245 to Establish Speed Zones Enforceable by Radar Speed Detection Equipment in the Cabazon, Calimesa, El Cerrito, Hemet, Murrieta, and Woodcrest Areas. 1st, 3rd, and 5th Districts [\$4,000–Total Cost]; Gas Tax 100%

RECOMMENDED MOTION: That the Board of Supervisors:

1. Introduce, Read Title, and Waive Further Reading of Ordinance No. 452.245, Amending Ordinance No. 452 relating to Prima Facie Speed Limits to Establish Various Speed Zones Enforceable by Radar Speed Detection Equipment in the Cabazon, Calimesa, El Cerrito, Hemet, Murrieta, and Woodcrest Areas of Riverside County.

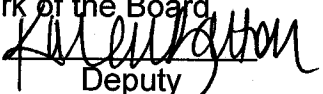
ACTION: Policy


Patricia Romo, Director of Transportation 2/3/2019

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Spiegel, seconded by Supervisor Hewitt and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended and that the above Ordinance is approved as introduced with a waiver of reading.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt
Nays: None
Absent: None
Date: February 26, 2019
xc: Transp., COB

Kecia Harper
Clerk of the Board
By: 
Deputy

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

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 4,000	\$ 0	\$ 4,000	\$ 0
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: 2018/2019	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

The County of Riverside Transportation Department 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, Calimesa, El Cerrito, Hemet, Murrieta, and Woodcrest areas of Riverside County.

Based upon the results of the E&TS for these roads, the Transportation Department recommends the introduction of designated radar-enforceable speed limits along the road segments summarized in the List of Speed Zones, and has determined these speed limits to be appropriate to facilitate the safe and orderly movement of traffic. The Transportation Department intends to recommend adoption of these designated radar-enforceable speed limits successively at the March 12, 2019 Board of Supervisors meeting.

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

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 posted 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.

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

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

ATTACHMENTS

Vicinity Maps
List of Speed Zones
Ordinance No. 452.245
Speed Zone Diagrams



Jason Farin, Senior Management Analyst

2/19/2019



Gregory V. Priamos, Director County Counsel

2/12/2019

1 “91. On Leon Road, full width between Briggs Road and Keller Road, and
2 on the easterly half between Keller Road and Scott Road, a total
3 distance of approximately 2.86 miles, in the Murrieta area.”

4 Section 4. Section 2.7 of Ordinance No. 452, entitled “Fifty-five miles per hour,” is
5 hereby amended to add new subsection 29 to read as follows:

6 “29. On Clinton Keith Road, on the northerly half between Menifee Road
7 and a point 400 feet east of Menifee Road, and the full width between
8 a point 400 feet east of Menifee Road and Trios Valley Street, a total
9 distance of approximately 1.18 miles, in the Murrieta area.”

10 Section 5. Subsection 31 of Section 2.3 of Ordinance 452 adopted on February 4, 2003,
11 pursuant to Ordinance No. 452.214, is repealed in its entirety. Subsection 31 of Section 2.3 established a
12 thirty-five miles per hour speed limit on Claystone Avenue between Canyon Pines Place and Knabe Road.

13 Section 6. Subsection 70 of Section 2.6 of Ordinance 452 adopted on January 10, 2012,
14 pursuant to Ordinance No. 452.231, is repealed in its entirety. Subsection 70 of Section 2.6 established a
15 fifty miles per hour speed limit on Leon Road between Clinton Keith Road and Baxter Road.

16 Section 7. Subsection 76 of Section 2.6 of Ordinance 452 adopted on April 22, 2014,
17 pursuant to Ordinance No. 452.236, is repealed in its entirety. Subsection 76 of Section 2.6 established a
18 fifty miles per hour speed limit on Leon Road, full width between Baxter Road and Keller Road, and on the
19 easterly half between Keller Road and Scott Road.

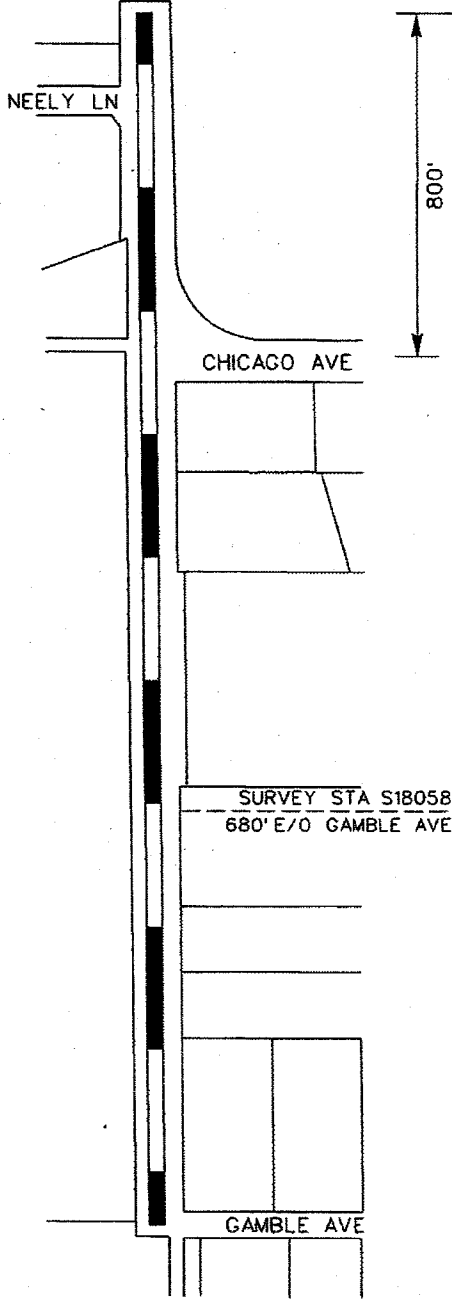
20 Section 8. Subsection 58 of Section 2.6 of Ordinance 452 adopted on June 2, 2009,
21 pursuant to Ordinance No. 452.225, is repealed in its entirety. Subsection 58 of Section 2.6 established a
22 fifty miles per hour speed limit on Live Oak Canyon Road between San Timoteo Canyon Road and the City
23 of Redlands city limits.

24 //
25 //
26 //
27 //
28 //

IRIS AVE

(*1814)

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

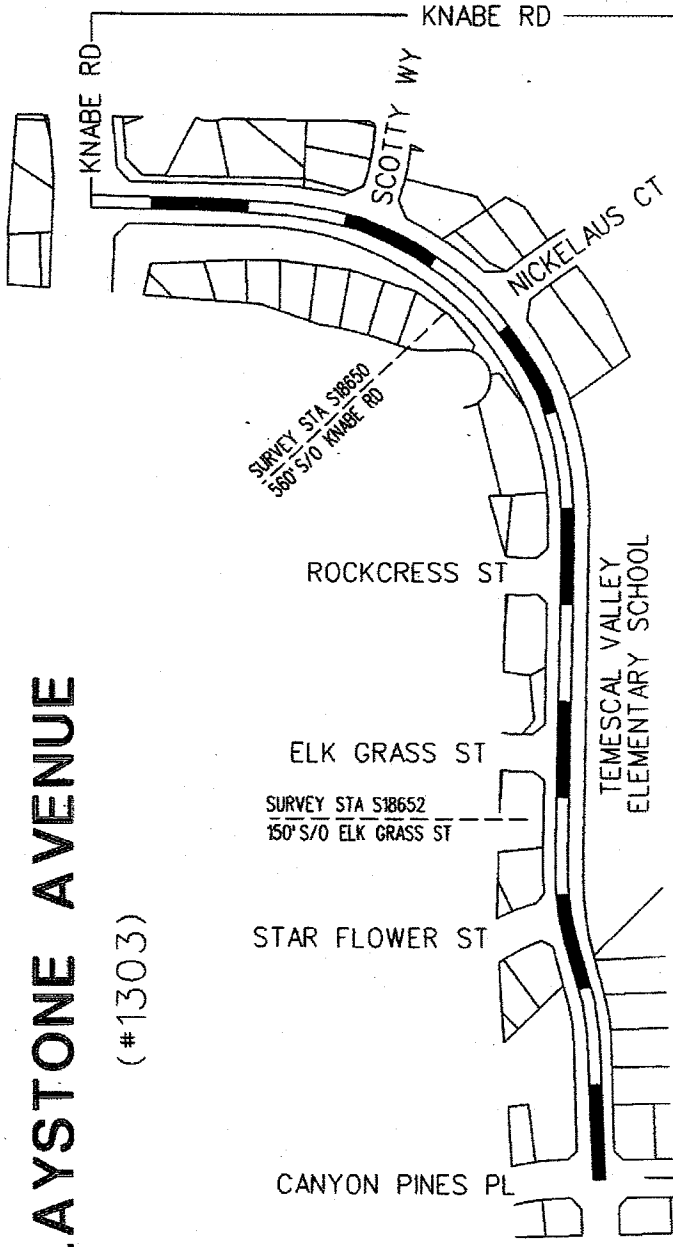


NO SCALE	
RECOMMENDED SPEED LIMIT	30 MPH
85th% TILE SPEED	36 MPH
VEHICLES IN 24 HR (2 WAY)	150
SEGMENT LENGTH	0.40 MILE
ALL ACCIDENTS IN 2 YRS.	1
ACCIDENT RATE ☆	22.83 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED
RURAL RESIDENTIAL, HIDDEN DRIVEWAYS, VERTICAL CURVE, NO SIDEWALKS, DIRT SHOULDERS, REDUCE TO 30 MPH.	

☆ RATE: $\frac{\text{NO. OF ACCIDENT} \times 1,000,000}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$		COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION		PAGE 1 OF 1	
COUNTY AREA:	WOODCREST	APPROVED BY:	 LAWRENCE T. TAI, P.E. COUNTY TRAFFIC ENGINEER		
COUNTY MAP:	53	DATE:			9/20/18
SUPERVISOR DISTRICT:	1/1	DRAWN BY:			J VALADEZ
		SURVEY DATE:	APR 18, 2018	ENGINEERING AND TRAFFIC SURVEY	
		MAP DATE:	SEP 20, 2018	AT	
		CAD FILE:	IRIS AVE.DGN	IRIS AVE	

CLAYSTONE AVENUE

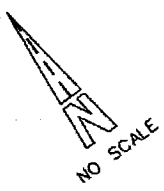
(#1303)



LEGEND:

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

POSTED
25 MPH
PER CVC 515
RESIDENCE
DISTRICT



BEGIN ZONE

END ZONE

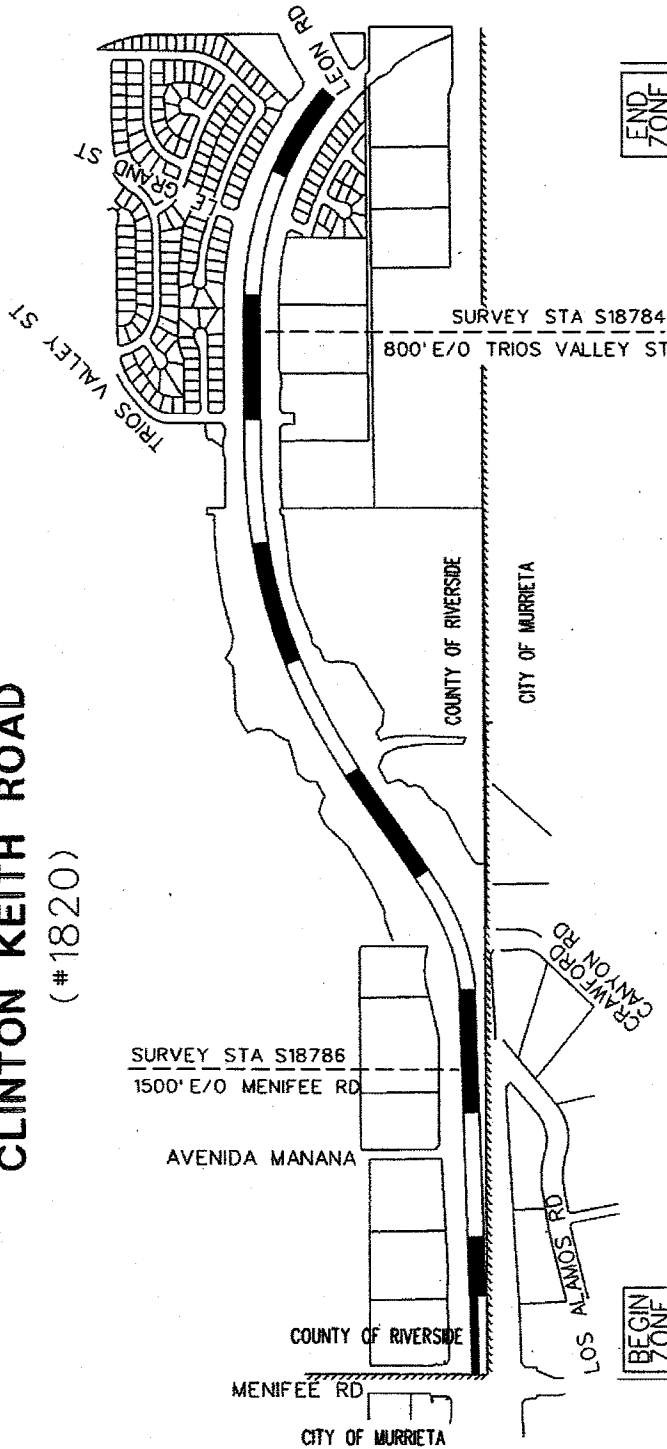
RECOMMENDED SPEED LIMIT	30 MPH
PREVAILING SPEED (85%)	32.5 MPH (AVG OF TWO SIMILAR STA OF 30 & 35 MPH)
VEHICLES IN 24 HR (2 WAY)	2100
SEGMENT LENGTH	0.40 MILE
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ☆	0.00 ACC/MVM
EXISTING SPEED LIMIT	35 MPH (Ord. 452.214 Sec. 2.3 No. 31)

☆ RATE: $\frac{\text{ACCIDENT} \times 1,000,000}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$

		COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING SECTION		PAGE 10F 1
APPROVED BY: 		ENGINEERING AND TRAFFIC SURVEY AT CLAYSTONE AVE		
SURVEY DATE: SEP 19, 2018		DATE: 12/6/18		
MAP DATE: DEC 06, 2018		DRAWN BY: J VALADEZ		
COUNTY AREA: EL CERRITO	COUNTY MAP PAGE: 33C	CAD FILE: CLAYSTONE.DGN		
SUPERVISOR DISTRICT: 1/1				

CLINTON KEITH ROAD (#1820)

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



BEGIN ZONE

END ZONE

NO SCALE

RECOMMENDED SPEED LIMIT	55 MPH	HORIZONTAL AND VERTICAL CURVES, HIGH PEDESTRIAN/BICYCLE USAGE, TRANSITION ZONE WITH CONTIGUOUS SEGMENT. REDUCE TO 55 MPH	HORIZONTAL AND VERTICAL CURVES, HIGH PEDESTRIAN/BICYCLE USAGE, TRANSITION ZONE WITH CONTIGUOUS SEGMENT. REDUCE TO 45 MPH
85th PERCENTILE SPEED	61.3 MPH		45 MPH
VEHICLES IN 24 HR (2 WAY)	17600		52.3 MPH
SEGMENT LENGTH	1.18 MILE		17600
ALL ACCIDENTS IN 2 YRS.	0		0.42 MILE
ACCIDENT RATE ☆	0.00 ACC/MVM		0
EXISTING SPEED LIMIT	NOT POSTED		0.00 ACC/MVM
			NOT POSTED

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

SURVEY DATE: NOV 28 2018
 MAP DATE: DEC 12 2018
 DRAWN BY: J VALADEZ
 CAD FILE: CLINTONKEITH.DGN

APPROVED BY:
 DATE: 12/13/2018
 DENNIS ACUNA, P.E., T.E.
 COUNTY TRAFFIC ENGINEER

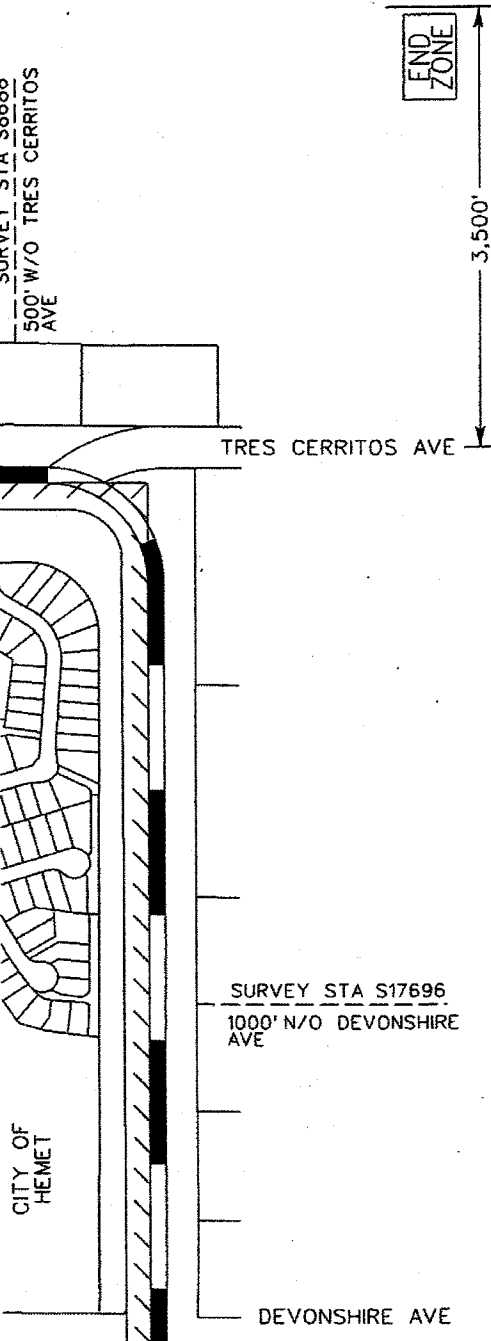
COUNTY OF RIVERSIDE
 TRANSPORTATION DEPARTMENT
 TRAFFIC ENGINEERING DIVISION
 ENGINEERING AND TRAFFIC SURVEY
 AT
CLINTON KEITH ROAD
 PAGE 1 OF 1

LEGEND:

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

CALIFORNIA AVE

(*1812)



CALIFORNIA AVE
BTWN
DEVONSHIRE AVE
& SH-74 POSTED
45 MPH

BEGIN ZONE



NO SCALE

END ZONE

3,500'

RECOMMENDED SPEED LIMIT	45 MPH
85th%TILE SPEED	48.0 MPH (AVERAGE OF 2 SIMILAR STATIONS OF 52.0 & 44.0 MPH)
VEHICLES IN 24 HR (2 WAY)	1,275
SEGMENT LENGTH	1.15 MILES
ALL ACCIDENTS IN 2 YRS.	3
ACCIDENT RATE ☆	2.80 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

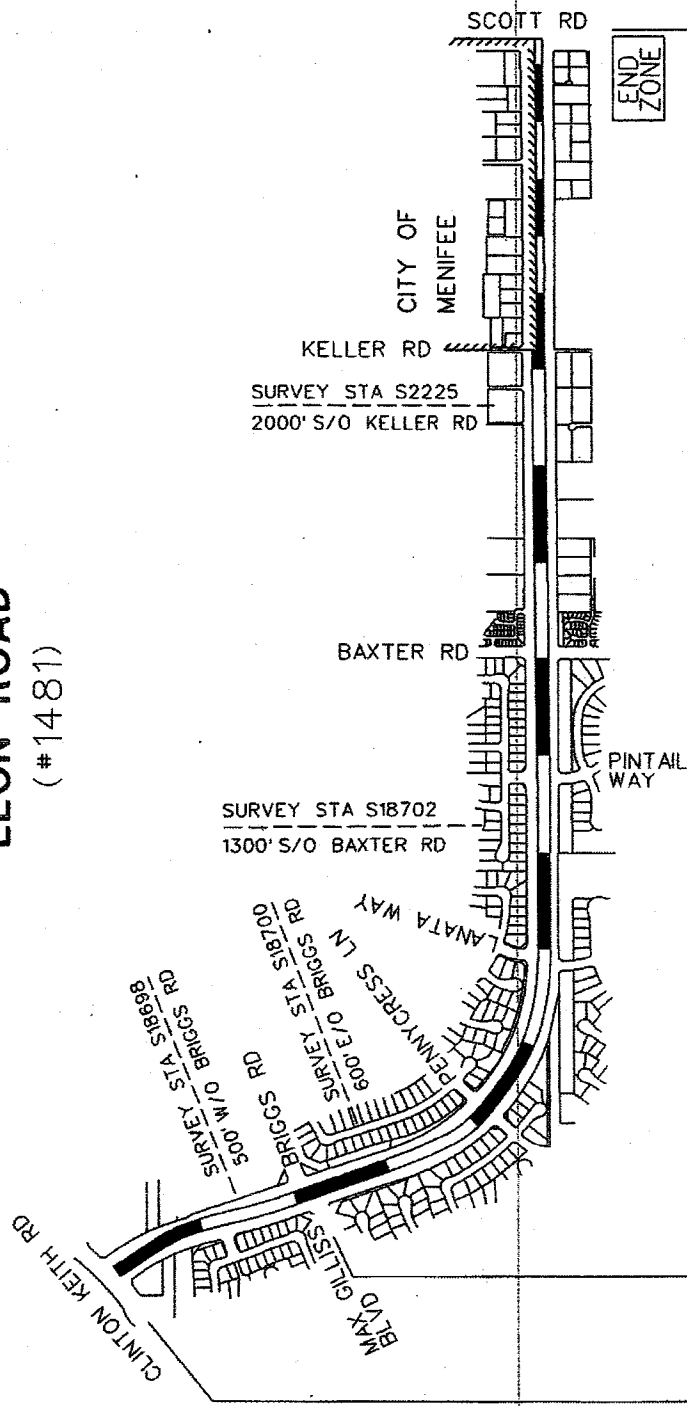
☆ RATE: NO. OF ACCIDENT x 1,000,000
VEH x 365 x 2 x MILE

COUNTY AREA:	HEMET	SURVEY DATE:	OCT 4 2017
COUNTY MAP:	104	MAP DATE:	SEP 20 2018
SUPERVISOR DISTRICT:	3/3	DRAWN BY:	R LAREZ
		CAD FILE:	CALIFORNIA AVE.DGN

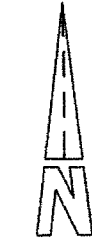
APPROVED BY:
Lawrence T. Tai, P.E.
DATE: 9/30/18
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

LEON ROAD (#1481)

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



BEGIN ZONE



NO SCALE

END ZONE

RECOMMENDED SPEED LIMIT	45 MPH	50 MPH
85th/TILE SPEED	47 MPH	55 MPH (AVERAGE OF THREE SIMILAR STATIONS OF 52 & 55 & 58 MPH)
VEHICLES IN 24 HR (2 WAY)	18800	7800
SEGMENT LENGTH	0.29 MILES	2.86 MILES
ALL ACCIDENTS IN 2 YRS.	0	4
ACCIDENT RATE ★	0.00 ACC/MVM	0.25 ACC/MVM
EXISTING SPEED LIMIT	50 MPH (Ord. 452.231 Sec. 2.6 No. 70)	50 MPH (Ord. 452.236 Sec. 2.6 No. 76)

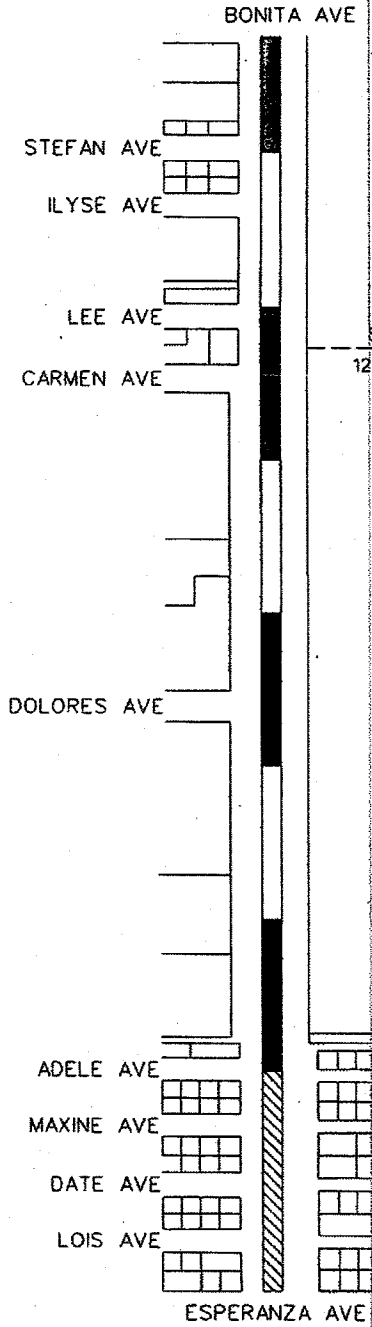
★ RATE = NO. OF ACCIDENT x 1000 000
VEH x 365 x 2 x MILE

COUNTY AREA:	MURRIETA	SURVEY DATE:	SEP 19, 2018
COUNTY MAP:	121A, 121E	MAP DATE:	NOV 28, 2018
SUPERVISOR DISTRICT:	3/3	DRAWN BY:	J VALADEZ
		CAD FILE:	LEON_RD.DGN

APPROVED BY: *Lawrence T. Talpe*
DATE: 11/28/2018
LAWRENCE T. TALPE,
COUNTY TRAFFIC ENGINEER

ELM ST (#1818)

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



NO SCALE

BEGIN ZONE

END ZONE

SURVEY STA S17674
1200' S/O BONITA AVE

RECOMMENDED SPEED LIMIT	*25 MPH	45 MPH
85th/15th SPEED		50 MPH
VEHICLES IN 24 HR (2 WAY)		1200
SEGMENT LENGTH		0.78 MILE
ALL ACCIDENTS IN 2 YRS.		1
ACCIDENT RATE ☆		1.46 ACC/MVM
EXISTING SPEED LIMIT	*PER CVC 515	NOT POSTED

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

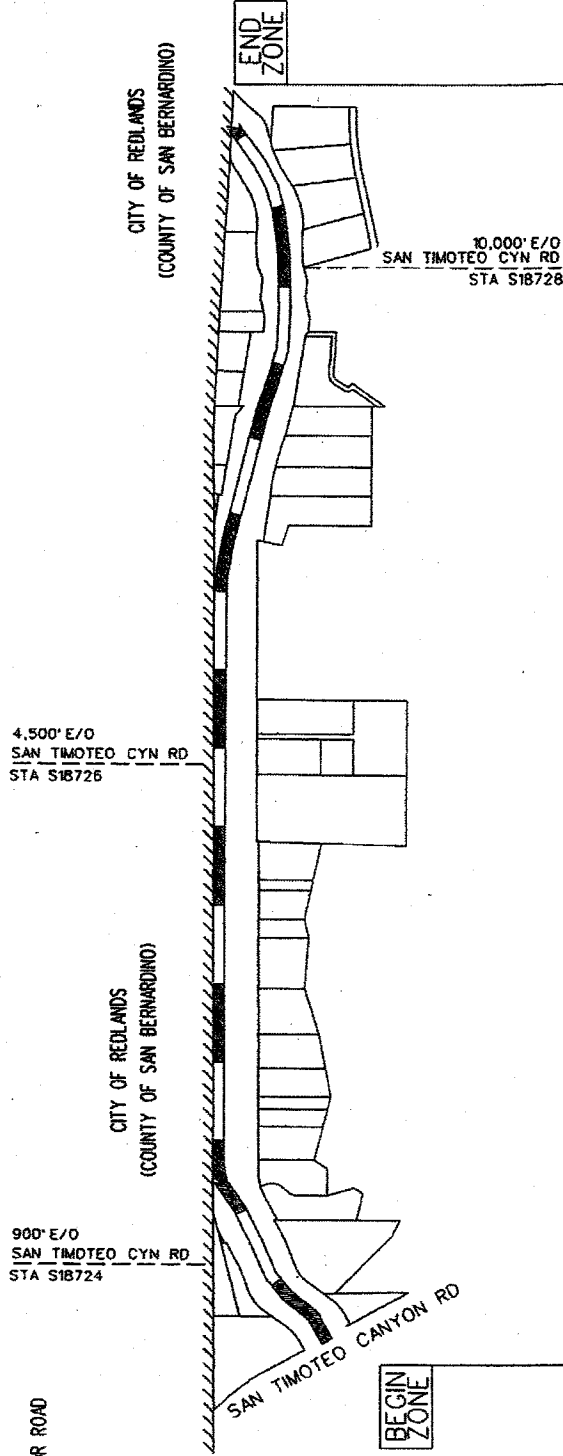
COUNTY AREA:	CABAZON	SURVEY DATE:	SEP 25, 2018
COUNTY MAP:	140B	MAP DATE:	NOV 28, 2018
SUPERVISOR DISTRICT:	5/5	DRAWN BY:	R LAREZ
		CAD FILE:	ELM ST.DGN

APPROVED BY: *Lawrence T. Tai P.E.*
DATE: 11/28/2018
LAWRENCE T. TAI P.E.
COUNTY TRAFFIC ENGINEER

LIVE OAK CANYON ROAD

(#1445)

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



NO SCALE

RECOMMENDED SPEED LIMIT	45 MPH
PREVAILING SPEED (85%)	46.3 MPH (AVERAGE OF THREE SIMILAR SEGMENTS - 43 MPH, 44 MPH, & 52 MPH)
VEHICLES IN 24 HR (2 WAY)	5,500
SEGMENT LENGTH	2.04 MILES
ALL ACCIDENTS IN 2 YRS.	11
ACCIDENT RATE ☆	1.34 ACC/MVM
EXISTING SPEED LIMIT	50 MPH (Ord. 452.225 Sec. 2.6 No. 58)

☆ RATE: $\frac{\text{ACCIDENT} \times 1,000,000}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$

COUNTY AREA:	CALIMESA	SURVEY DATE:	SEP 20, 2018
COUNTY MAP:	87	MAP DATE:	SEP 27, 3018
SUPERVISOR DISTRICT:	5/5	DRAWN BY:	R LAREZ
		CAD FILE:	LIVE OAK CYN.DGN

APPROVED BY:

Lawrence T. Talpe
DATE: 9/28/2018

LAWRENCE T. TALPE.
COUNTY TRAFFIC ENGINEER

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
AT

LIVE OAK CANYON ROAD



**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.245
SUPERVISORIAL DISTRICT NO. 1**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
WOODCREST	IRIS AVENUE Between Gamble Ave and 800' E/O Chicago Ave	Not Posted*	30	NEW SPEED ZONE
EL CERRITO	CLAYSTONE AVENUE Between Canyon Pines Pl and Knabe Rd	35	30	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

**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.245
SUPERVISORIAL DISTRICT NO. 3**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
HEMET	CALIFORNIA AVENUE Between Devonshire Avenue and 3,500' N/O Tres Cerritos Avenue	Not Posted*	45	NEW SPEED ZONE
MURRIETA	CLINTON KEITH ROAD NORTHERLY HALF - Between Menifee Rd and 400' E/O Menifee Rd; FULL WIDTH Between 400' E/O Menifee Rd and Trios Valley St	Not Posted**	55	NEW SPEED ZONE
MURRIETA	CLINTON KEITH ROAD Between Trios Valley St and Leon Rd	Not Posted**	45	NEW SPEED ZONE
MURRIETA	LEON ROAD FULL WIDTH - Between Briggs Rd and Keller Rd; EASTERLY HALF - Between Keller Rd and Scott Rd	50***	50	BOUNDARY CHANGE Consolidation of two existing 50 mph speed zones. No change to existing speed limit.
MURRIETA	LEON ROAD Between Clinton Keith Rd and Briggs Rd	50	45	SPEED LIMIT REDUCTION

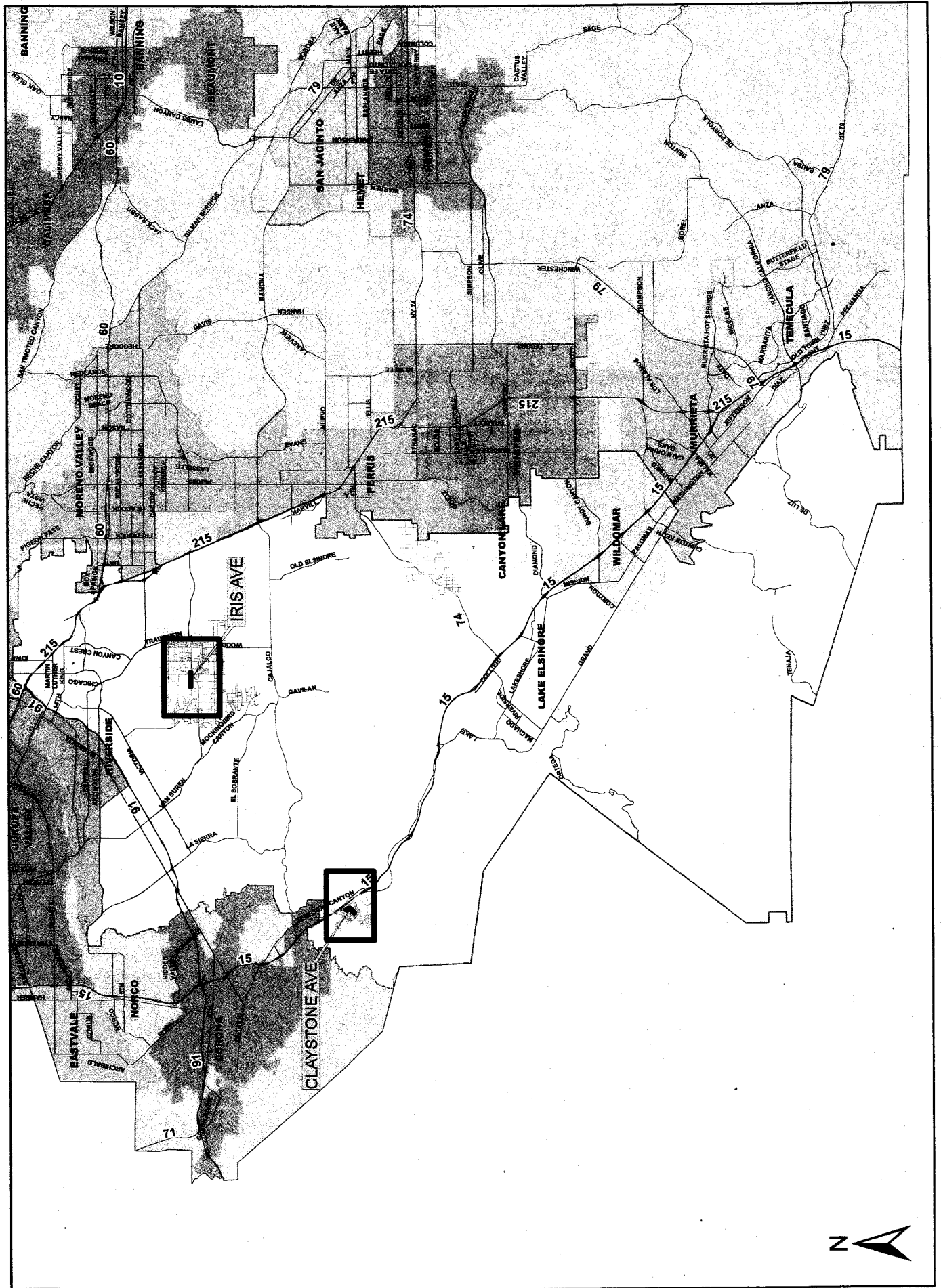
* Maximum allowable speed limit for a two-lane highway is 55 mph
 **Maximum allowable speed limit for a multi-lane highway is 65 mph
 ***Change in speed zone boundary

**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.245
SUPERVISORIAL DISTRICT NO. 5**

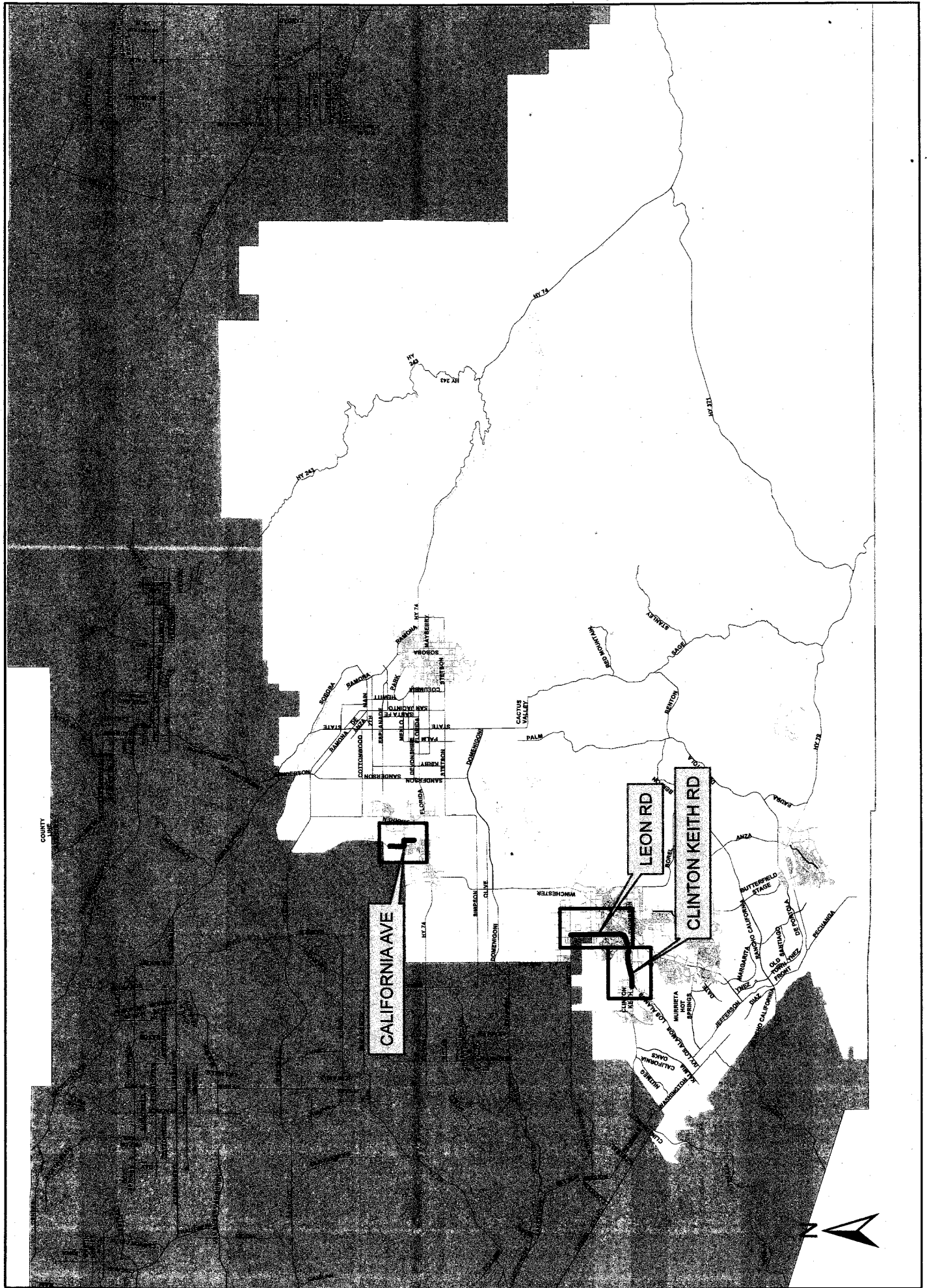
AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
CABAZON	ELM STREET Between Adele Ave and Bonita Ave	Not Posted*	45	NEW SPEED ZONE
CALIMESA	LIVE OAK CANYON ROAD Between the centerline of San Timoteo Canyon Rd and the City of Redlands	50 MPH	45	SPEED LIMIT REDUCTION Coordinated with the City of Redlands for the 45 mph speed limit.

- * 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

ORDINANCE 452.245 DISTRICT 1 SPEED ZONE VICINITY MAP



ORDINANCE 452.245 DISTRICT 3 SPEED ZONE VICINITY MAP



ORDINANCE 452.245 DISTRICT 5 SPEED ZONE VICINITY MAP

