

FORM APPROVED COUNTY COUNSEL
 3/13/15
 DATE
 BY: GREGORY P. PRAMOS

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



517AC

SUBMITTAL DATE:
 February 26, 2015

FROM: TLMA – Transportation Department

SUBJECT: Ordinance No. 452.238 to Establish Speed Zones Enforceable by Radar Speed Detection Equipment – Beaumont, Blythe, Hemet, Homeland, Idyllwild, La Quinta, Moreno Valley, Perris, and Thermal Areas. 1st, 3rd, 4th, and 5th Districts; [\$5,000]; Gas Tax 100%

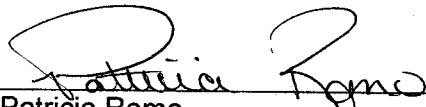
RECOMMENDED MOTION: That the Board of Supervisors:

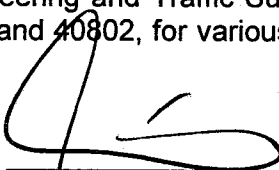
1. Introduce Ordinance No. 452.238, amending Ordinance No. 452 relating to prima facie speed limits to establish various speed zones in the above-referenced areas of Riverside County; and
2. Direct the Clerk of the Board to schedule a public hearing.

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


 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	\$ 5,000	\$ 0	\$ 5,000	\$ 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: 2014/2015

C.E.O. RECOMMENDATION:

APPROVE

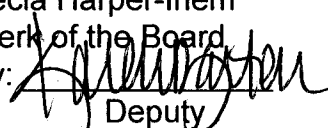
BY: 
 Tina Grande

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Benoit, seconded by Supervisor Jeffries and duly carried, IT WAS ORDERED that the above ordinance is approved as introduced with waiver of reading, and is set for public hearing on Tuesday, April 28, 2015, at 9:30 a.m.

Ayes: Jeffries, Washington, Benoit and Ashley
 Nays: None
 Absent: Tavaglione
 Date: April 7, 2015
 xc: Transp., COB

Kecia Harper-Ihem
 Clerk of the Board
 By: 
 Deputy

Prev. Agn. Ref.:

District: 1,3,4, 5

Agenda Number:

3-29

A-30
 4/5 Vote
 Positions Added
 Change Order

Departmental Concurrence

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

FORM 11: Ordinance No. 452.238 to Establish Speed Zones Enforceable by Radar Speed Detection Equipment – Beaumont, Blythe, Hemet, Homeland, Idyllwild, La Quinta, Moreno Valley, Perris, and Thermal Areas. 1st, 3rd, 4th, and 5th Districts; [\$5,000]; Gas Tax 100%

DATE: February 26, 2015

PAGE: 2 of 2

BACKGROUND:

Summary (continued)

in Beaumont, Blythe, Hemet, Homeland, Idyllwild, La Quinta, Moreno Valley, Perris, and Thermal areas of Riverside County.

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 Blythe, Indio, Riverside, 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 \$5,000.

Contract History and Price Reasonableness

N/A

1 ORDINANCE NO. 452.238

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 2.1 of Ordinance No. 452, entitled "Twenty-five miles per hour," is
7 hereby amended to add new subsection 7 to read as follows:

8 "7. On Double View Drive between McMahon Road to the end of the
9 road, a total distance of approximately 1.6 miles, in the Idyllwild
10 area."

11 Section 2. Section 2.3 of Ordinance No. 452, entitled "Thirty-five miles per hour," is
12 hereby amended to add new subsection 127, 128, and 129 to read as follows:

13 "127. On Alexander Street between Rider Street and Cajalco Road, a
14 total distance of approximately 0.5 miles, in the Perris area.

15 128. On Middleton Street from a point 1,290 feet south of SH-
16 86/Harrison Street to 66th Avenue/Tyler Street, a total distance of
17 0.9 miles, in the Thermal area.

18 129. On Stetson Avenue, on the southerly half from Santa Fe Street to a
19 point 650 feet east of Santa Fe Street, and the full width between a
20 point 650 feet east of Santa Fe Street and Soboba Street, a total
21 distance of approximately 2.51 miles, in the Hemet area."

22 Section 3. Section 2.4 of Ordinance No. 452, entitled "Forty miles per hour," is hereby
23 amended to add new subsection 145 to read as follows:

24 "145. On Box Springs Mountain Road from a point 1,300 feet west of
25 Running Gun Lane to Pigeon Pass Road, a total distance of
26 approximately 0.5 miles, in the Moreno Valley area."
27
28

1 Section 4. Section 2.5 of Ordinance 452, entitled “Forty-five miles per hour,” is
2 hereby amended to add new subsections 165, 166, 167 & 168 to read as follows:

3 “165. On Black Rock Road between Dracker Drive and Mesa Drive, a total
4 distance of approximately 1.3 miles, in the Blythe area.

5 166. On Briggs Road, on the easterly half between Watson Road and
6 Mapes Road, a total distance of approximately 0.5 miles, in the
7 Homeland area.

8 167. On Cherry Valley Boulevard between Bellflower Avenue and
9 Highland Springs Avenue, a total distance of approximately 0.7
10 miles, in the Beaumont area.

11 168. On Pigeon Pass Road between Box Springs Mountain Road to 1,300
12 feet north of Hidden Springs Drive, and the westerly half from 1,300
13 feet north of Hidden Springs Drive to Hidden Springs Drive, a total
14 distance of approximately 0.9 miles, in the Moreno Valley area.”

15 Section 5. Section 2.6 of Ordinance 452, entitled “Fifty miles per hour,” is hereby
16 amended to add new subsections 79 & 80 to read as follows:

17 “79. On Juniper Flats Road from SH-74 to Contour Avenue, a total
18 distance of approximately 5.9 miles, in the Homeland area.

19 80. On Monroe Avenue, on the easterly half width from 62nd Avenue
20 to 61st Avenue, a total distance of approximately 0.5 miles, in the
21 La Quinta area.”

22 Section 6. Subsection 4 of Section 2.3 of Ordinance 452 adopted on February 4, 2003,
23 pursuant to Ordinance No. 452.214, is repealed in its entirety. Subsection 4 of Section 2.3 established a
24 thirty-five miles per hour speed limit on Stetson Avenue between Santa Fe Avenue and Hemet Street.

25 Section 7. Subsection 38 of Section 2.4 of Ordinance 452 adopted on February 4,
26 2003, pursuant to Ordinance No. 452.214, is repealed in its entirety. Subsection 38 of Section 2.4
27 established a forty miles per hour speed limit on Briggs Road from the centerline of Watson Road to the
28 centerline of Mapes Road.

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Section 8. Subsection 45 of Section 2.3 of Ordinance 452 adopted on February 4, 2003, pursuant to Ordinance No. 452.214, is repealed in its entirety. Subsection 45 of Section 2.3 established a thirty-five miles per hour speed limit on Middleton Street between Highway 86 and the centerline of 66th Avenue.

Section 9. Subsection 48 of Section 2.4 of Ordinance 452 adopted on February 4, 2003, pursuant to Ordinance No. 452.214, is repealed in its entirety. Subsection 48 of Section 2.4 established a forty miles per hour speed limit on Cherry Valley Boulevard between the centerline of Bellflower Avenue and the centerline of Highland Springs Avenue.

Section 10. Subsection 73 of Section 2.6 of Ordinance 452 adopted on January 28, 2014, pursuant to Ordinance No. 452.235, is repealed in its entirety. Subsection 73 of Section 2.6 established a fifty miles per hour speed limit on the full width of Pigeon Pass Road between Box Springs Mountain Road and a point 1,300 feet north of Hidden Springs Drive; and on the westerly half between a point 1,300 feet north of Hidden Springs Drive and Hidden Springs Drive.

Section 11. Subsection 158 of Section 2.5 of Ordinance 452 adopted on January 28, 2014, pursuant to Ordinance No. 452.235, is repealed in its entirety. Subsection 158 of Section 2.5 established a forty-five miles per hour speed limit on Box Springs Mountain Road between a point 1,300 feet west of Running Gun Lane and Pigeon Pass Road.

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

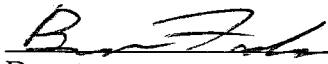
BOARD OF SUPERVISORS OF THE COUNTY
OF RIVERSIDE, STATE OF CALIFORNIA

BY: _____
SUPERVISOR MARION ASHLEY, Chairman

ATTEST:
KECIA HARPER-IHEM, Clerk of the Board

By: _____
Deputy

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

By: 
Deputy Bruce G. Fordon

**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.238
SUPERVISORIAL DISTRICT NO. 1**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
PERRIS	ALEXANDER STREET Between Rider Street and Cajalco Road	Not Posted*	35	NEW
MORENO VALLEY	BOX SPRINGS MOUNTAIN ROAD From a point 1,300 feet west of Running Gun Lane to Pigeon Pass Road	45	40	UPDATE
MORENO VALLEY	PIGEON PASS ROAD Between Box Springs Mountain Road to 1,300 feet north of Hidden Springs Drive, and the westerly half from 1,300 feet north of Hidden Springs Drive to Hidden Springs Drive	50	45	UPDATE - City of Moreno Valley has recently posted a 45 mph speed limit on the east only half of Pigeon Pass Road, north of Hidden Springs Drive

- * 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 452.238
SUPERVISORIAL DISTRICT NO. 3**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
IDYLLWILD	DOUBLE VIEW DRIVE Between McMahon Road to end of road	Not Posted*	25	NEW
HEMET	STETSON AVENUE Southerly half from Santa Fe Street to a point 650 feet east of Santa Fe Street, and the full width between a point 650 feet east of Santa Fe Street and Soboba Street	35	35	BOUNDARY CHANGE

- * 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 452.238
SUPERVISORIAL DISTRICT NO. 4**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
BLYTHE	BLACK ROCK ROAD Between Dracker Drive and Mesa Drive	Not Posted*	45	NEW
THERMAL	MIDDLETON STREET From a point 1,290 feet south of SH-86/ Harrison Street to 66 th Avenue/Tyler Street	35	35	BOUNDARY CHANGE
LA QUINTA	MONROE AVENUE Easterly half width from 62 nd Avenue to 61 st Avenue	Not Posted*	50	NEW - City Of La Quinta recently changed speed limit from the maximum speed limit of 55 mph (for a two-lane road) to 50 mph

- * 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 452.238
SUPERVISORIAL DISTRICT NO. 5**

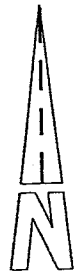
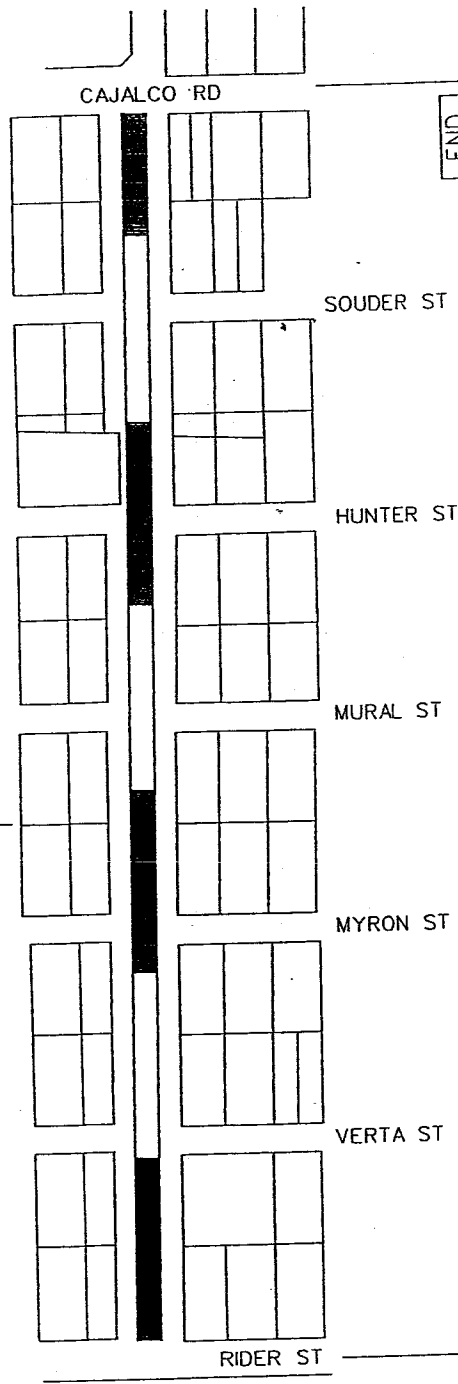
AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
HOMELAND	BRIGGS ROAD On the easterly half between Watson Road and Mapes Road	40	45	UPDATE - City of Menifee recently increased the speed limit from 40 to 45 mph based on a recent speed survey
BEAUMONT	CHERRY VALLEY BOULEVARD Between Bellflower Avenue and Highland Springs Avenue	40	45	UPDATE
HOMELAND	JUNIPER FLATS ROAD From SH-74 to Contour Avenue	Not Posted*	50	NEW
MORENO VALLEY	PIGEON PASS ROAD Between Box Springs Mountain Road to 1,300 feet north of Hidden Springs Drive, and the westerly half from 1,300 feet north of Hidden Springs Drive to Hidden Springs Drive	50	45	UPDATE - City of Moreno Valley has recently posted a 45 mph speed limit on the east only half of Pigeon Pass Road north of Hidden Springs Drive

- * 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

ALEXANDER STREET (#1538)

SURVEY STA S8585
250' S/O MURAL ST

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



NO SCALE

RECOMMENDED SPEED LIMIT	35 MPH
85th% TILE SPEED	40.0 MPH
VEHICLES IN 24 HR (2 WAY)	1,375
SEGMENT LENGTH	0.5 MILE
ALL ACCIDENTS IN 2 YRS.	3
ACCIDENT RATE ☆	5.98 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:	PERRIS	SURVEY DATE:	DEC 4, 2014
COUNTY MAP:	58B	MAP DATE:	DEC 22, 2014
SUPERVISOR DISTRICT:	1/1	DRAWN BY:	N AHMAD
		CAD FILE:	ALEXANDER-ST.DGN

APPROVED BY:
Lawrence T. Tai
DATE: 1/5/2015
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
AT
ALEXANDER STREET

PAGE 1 OF 1

copy

BLACK ROCK ROAD (#1540)

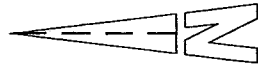
SURVEY STA S2339
2000' W/O MESA DR

SURVEY STA S2338
5000' W/O MESA DR

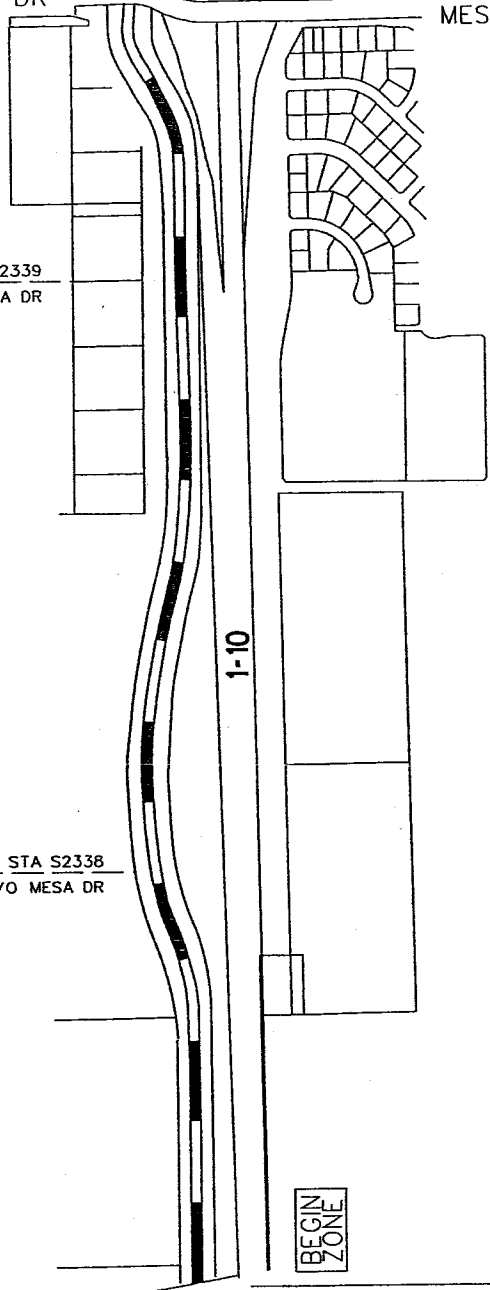
DRACKER DR

MESA DR
HOBSON WAY

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



NO SCALE



RECOMMENDED SPEED LIMIT	45 MPH
85th/TILE SPEED	50.0 MPH (AVERAGE OF TWO SIMILAR STATIONS OF 49.0 & 51.0 MPH)
VEHICLES IN 24 HR (2 WAY)	550
SEGMENT LENGTH	1.3 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: 1/30/2015
 LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

COUNTY OF RIVERSIDE
 TRANSPORTATION DEPARTMENT
 TRAFFIC ENGINEERING DIVISION
 ENGINEERING AND TRAFFIC SURVEY
 AT
BLACK ROCK ROAD
 PAGE 1 OF 1

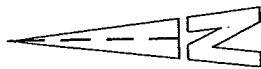
SURVEY DATE: DEC 3, 2014
 MAP DATE: JAN 28, 2015
 DRAWN BY: N AHMAD
 CAD FILE: BLACK_ROCK_RD.DGN

COUNTY AREA: BLYTHE
 COUNTY MAP: 257A
 SUPERVISOR DISTRICT: 4/4

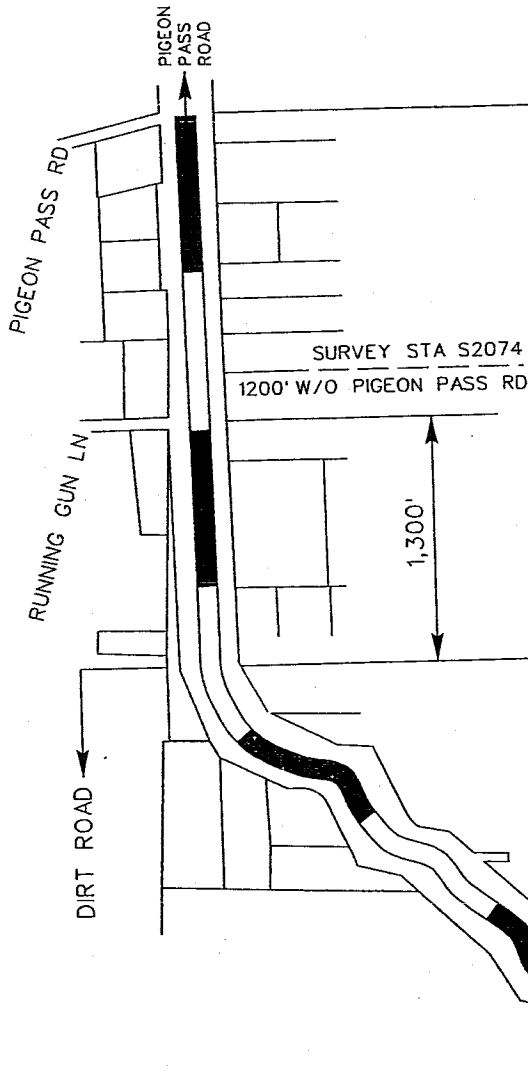
LEGEND:

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

BOX SPRINGS MOUNTAIN ROAD (#1520)



NO SCALE



* PRIMA FACIE 15 MPH PER CVC 22365	DIRT ROAD	40 MPH
RECOMMENDED SPEED LIMIT	* 15 MPH	42.0 MPH
85th/TILE SPEED		460
VEHICLES IN 24 HR (2 WAY)	0.6 MILE	0.5 MILE
SEGMENT LENGTH	1	0
ALL ACCIDENTS IN 2 YRS.		0.00 ACC/MVM
ACCIDENT RATE ☆		45 (Ord. 452.235 Sec. 2.5 No. 158)
EXISTING SPEED LIMIT	* 15 MPH	

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

COUNTY AREA:	MORENO VALLEY	SURVEY DATE:	DEC 18, 2014
COUNTY MAP:	45	MAP DATE:	JAN 8, 2015
SUPERVISOR DISTRICT:	1/1	DRAWN BY:	N AHMAD
		CAD FILE:	BOX_SPRINGS.DGN






APPROVED BY: *Lawrence T. Tai*
DATE: 1/8/2015
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

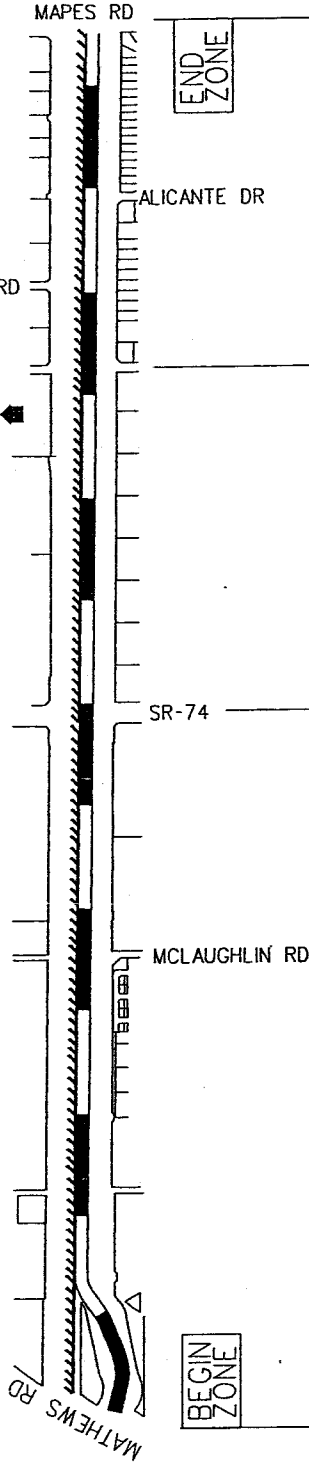
BRIGGS ROAD

(#1317)

CITY OF
MENIFEE

LEGEND:

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



NO SCALE

* CITY OF MENIFEE DATA

RECOMMENDED SPEED LIMIT	45 MPH
PREVAILING SPEED (85%)	* 44.9 MPH
VEHICLES IN 24 HR (2 WAY)	* 2,000
SEGMENT LENGTH	2.4 MILE
ALL ACCIDENTS IN 3 YRS.	* 7
ACCIDENT RATE ☆	* 1.32 ACC/MVM
EXISTING SPEED LIMIT	45 MPH (Ord. 452.222 Sec. 2.5 No. 116)
	45 MPH (Ord. 452.214 Sec. 2.5 No. 65)
	40 MPH (Ord. 452.214 Sec. 2.4 No. 38)

☆ RATE = $\frac{\text{ACCIDENT} \times 1,000,000}{\text{VEH} \times 365 \times 3 \times \text{MILE}}$

APPROVED BY:

Lawrence T. Tai, P.E.
DATE: 12/9/2014

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

SURVEY DATE:	JAN 15, 2013
MAP DATE:	NOV 7, 2014
DRAWN BY:	N AHMAD
CAD FILE:	BRIGGS.DGN

COUNTY AREA:	HOMELAND
COUNTY MAP PAGE:	103A, 103B
SUPERVISOR DISTRICT:	5/5

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

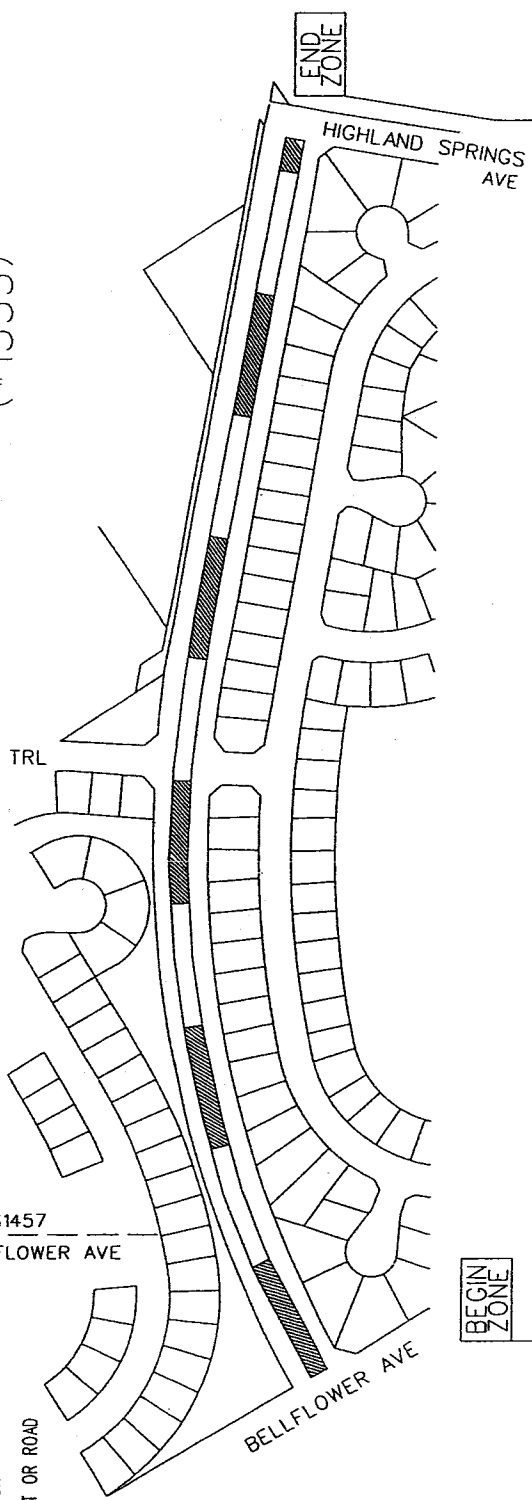
ENGINEERING AND TRAFFIC SURVEY
AT
BRIGGS ROAD

PAGE
10F 1

CHERRY VALLEY BLVD (#1333)

OVERLAND TRL
SURVEY STA S1457
600' E/O BELLFLOWER AVE



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



NO SCALE

RECOMMENDED SPEED LIMIT	45 MPH
PREVAILING SPEED (85th%)	47.0 MPH
VEHICLES IN 24 HR (2 WAY)	1,245
SEGMENT LENGTH	0.7 MILE
ALL ACCIDENTS IN 2 YRS.	1
ACCIDENT RATE ☆	1.57 ACC/MVM
EXISTING SPEED LIMIT	40 MPH (Ord. 452.214 Sec. 2.4 No. 48)

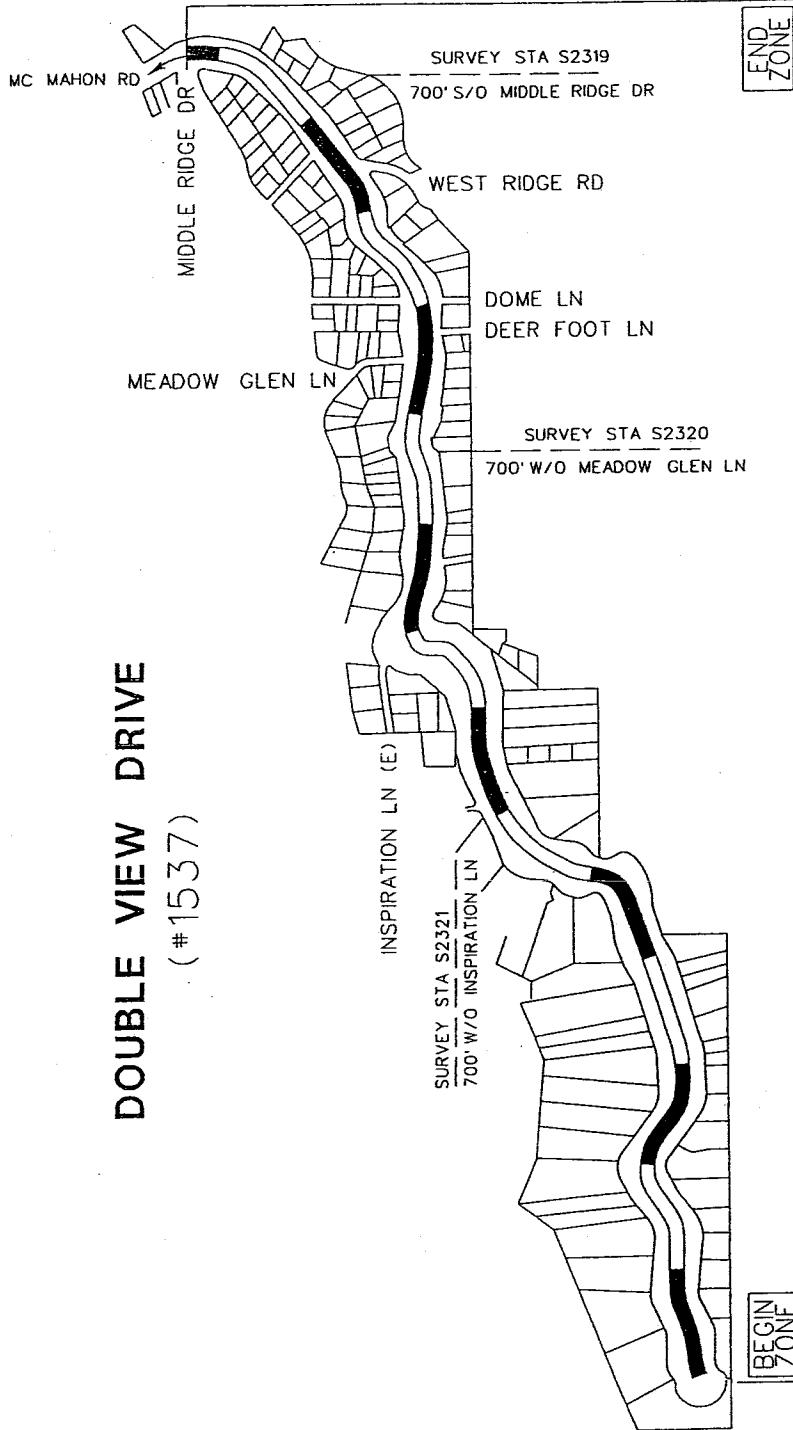
☆ RATE: ACCIDENT x 1,000,000
VEH x 365 x 2 x MILE

COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION		 ENGINEERING AND TRAFFIC SURVEY AT CHERRY VALLEY BLVD	PAGE 1 OF 1
APPROVED BY:  DATE: 8/15/2014	LAWRENCE T. TAI, P.E. COUNTY TRAFFIC ENGINEER		
SURVEY DATE: FEB 20, 2014 MAP DATE: JUL 3, 2014 DRAWN BY: N AHMAD	CAD FILE: CHERRY_VALLEY.DGN		
COUNTY AREA: BEAUMONT COUNTY MAP: 91 SUPERVISOR DISTRICT: 5/5			

LEGEND:

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

DOUBLE VIEW DRIVE (#1537)



END ZONE

BEGIN ZONE

RECOMMENDED SPEED LIMIT	25 MPH
85th%TILE SPEED	28.6 MPH (AVERAGE OF THREE SIMILAR STATIONS OF 30.0 & 25.0 & 31.0 MPH)
VEHICLES IN 24 HR (2 WAY)	500
SEGMENT LENGTH	1.6 MILE
ALL ACCIDENTS IN 2 YRS.	1
ACCIDENT RATE ☆	1.7 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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

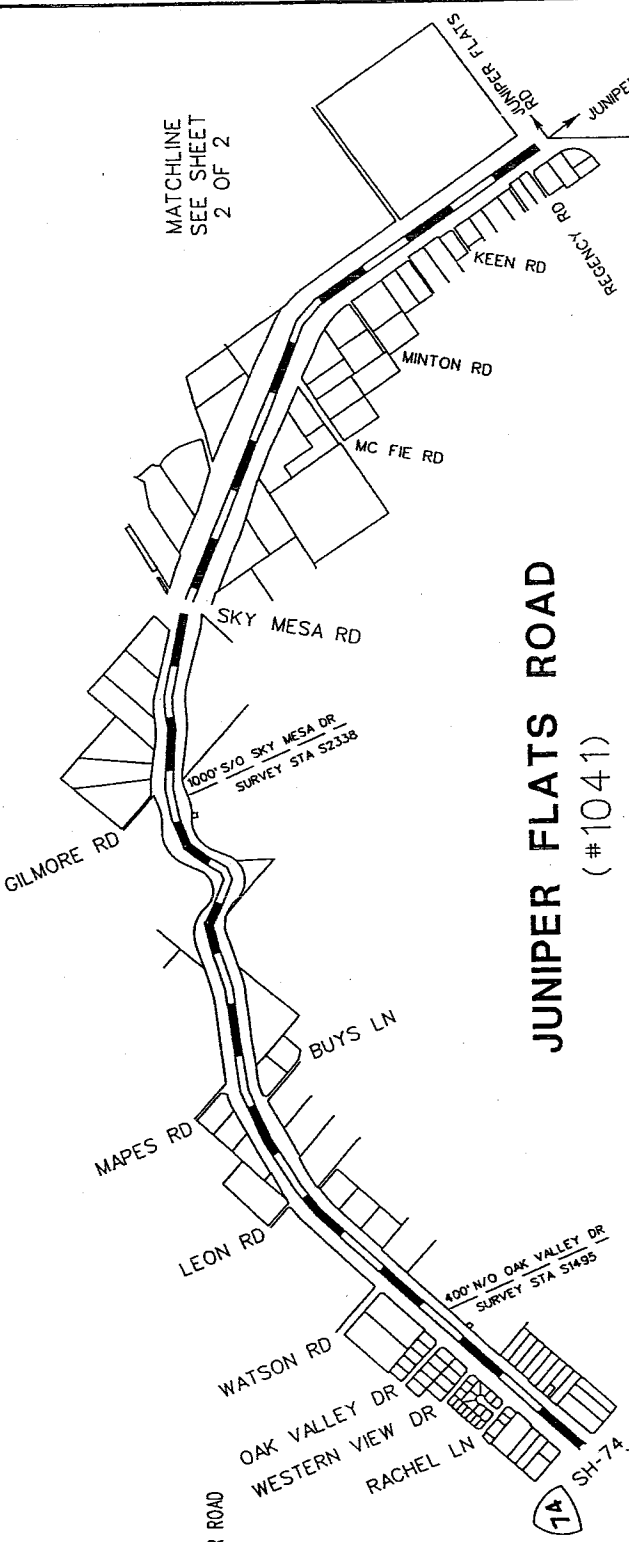
SURVEY DATE: JULY 22, 2014
 MAP DATE: AUG 14, 2014
 DRAWN BY: N AHMAD
 CAD FILE: DOUBLE_VIEW.DGN

APPROVED BY: *Lawrence T. Tai*
 DATE: 8/15/2014
 LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

COUNTY OF RIVERSIDE
 TRANSPORTATION DEPARTMENT
 TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
 AT
DOUBLE VIEW DRIVE

PAGE 1 OF 1

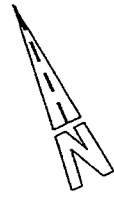


JUNIPER FLATS ROAD (#1041)

BEGIN ZONE

END ZONE

NO SCALE



LEGEND:

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

RECOMMENDED SPEED LIMIT	50 MPH
PREVAILING SPEED (85%)	53.5 MPH (AVG OF TWO SIMILAR STATIONS OF 58.0 & 49.0 MPH)
VEHICLES IN 24 HR (2 WAY)	2,253
SEGMENT LENGTH	3.1 MILE
ALL ACCIDENTS IN 2 YRS.	11
ACCIDENT RATE ☆	2.16 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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

APPROVED BY:

Lawrence T. Tai



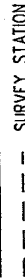
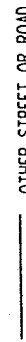
DATE: 1/5/2015

LAWRENCE T. TAI
COUNTY TRAFFIC ENGINEER

SURVEY DATE:	DEC 4, 2014	MAP DATE:	DEC 22, 2014
DRAWN BY:	N AHMAD	CAD FILE:	JUNIPER_FLATS.DGN

COUNTY AREA:	HOMELAND
COUNTY MAP:	100, 103 A, 103 B, 104
SUPERVISOR DISTRICT:	5/5, 5/3

LEGEND:

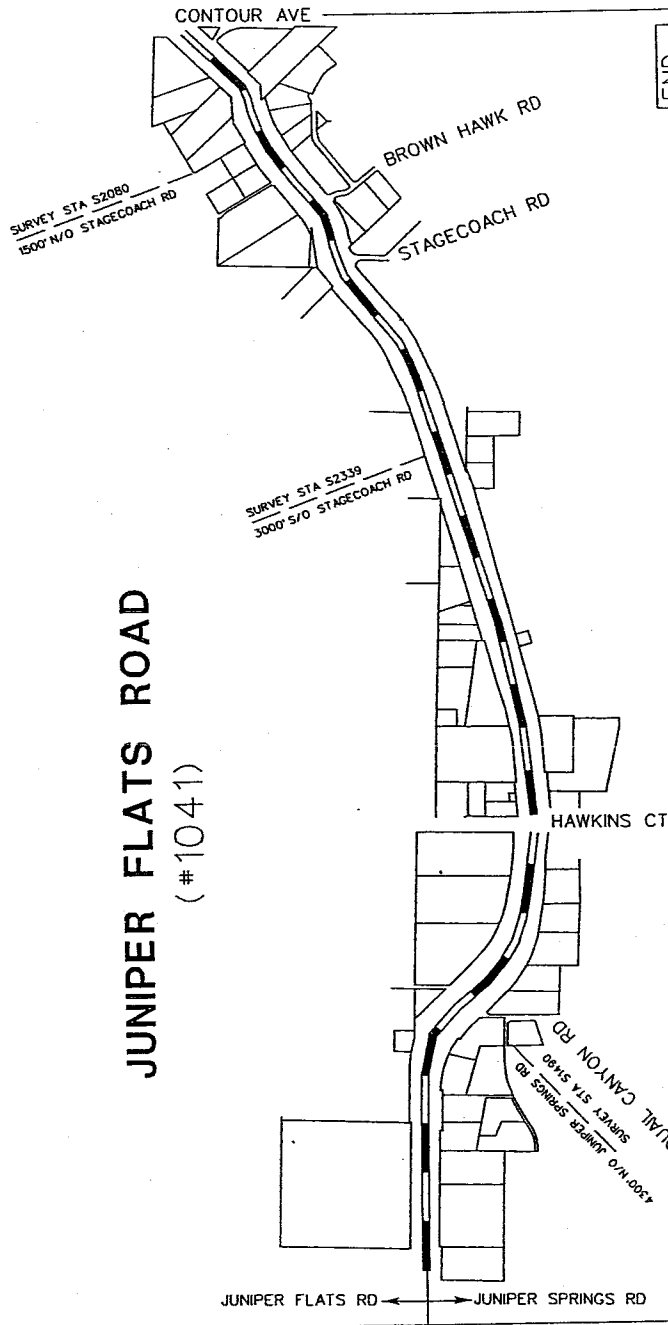
-  CITY LIMITS
-  RADAR ZONE
-  SURVEY STATION
-  OTHER STREET OR ROAD

MATCHLINE
SEE SHEET
1 OF 2



NO SCALE

JUNIPER FLATS ROAD (#1041)



MOUNTAINOUS ROADWAY, DIRT SHOULDERS, HIDDEN DRIVEWAYS,
HORIZONTAL & VERTICAL CURVES, HIGH ACCIDENT RATE - REDUCE TO 50 MPH.

RECOMMENDED SPEED LIMIT	50 MPH
PREVAILING SPEED (85%)	55.6 MPH (AVG OF THREE SIMILAR SEGMENTS OF 53.0 & 60.0 & 54.0 MPH)
VEHICLES IN 24 HR (2 WAY)	1,640
SEGMENT LENGTH	2.8 MILE
ALL ACCIDENTS IN 2 YRS.	7
ACCIDENT RATE ☆	2.09 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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

COUNTY AREA: HOMELAND
 COUNTY MAP: 100, 103 A, 103 B, 104
 SUPERVISOR DISTRICT: 5/5

APPROVED BY: *Lawrence T. Tai*
 DATE: 1/5/2015
 LAWRENCE T. TAI
 COUNTY TRAFFIC ENGINEER

COUNTY OF RIVERSIDE
 TRANSPORTATION DEPARTMENT
 TRAFFIC ENGINEERING DIVISION
 ENGINEERING AND TRAFFIC SURVEY
 AT
JUNIPER FLATS ROAD
 PAGE
 2 OF 2

MIDDLETON STREET

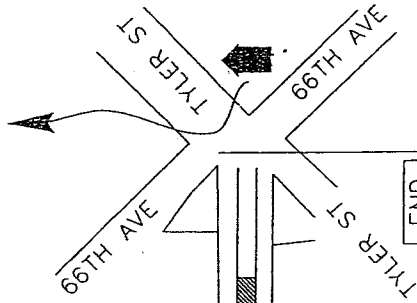
(#1326)

LAS PALMITAS ELEM
TORO CANYON MIDDLE
DESERT MIRAGE HIGH

SURVEY STA S8088
1,000' E/O HWY 86

SH-86 / HARRISON ST

ROAD ENDS
1290'



BEGIN ZONE

END ZONE

NO SCALE

LEGEND:

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

NARROW ROADWAY - RESIDENTIAL DRIVEWAYS - SCHOOL ZONE - HIGH ACCIDENT RATE - REDUCE TO 35 MPH

RECOMMENDED SPEED LIMIT	35 MPH
PREVAILING SPEED (85%)	42.0 MPH
VEHICLES IN 24 HR (2 WAY)	1,485
SEGMENT LENGTH	0.9 MI
ALL ACCIDENTS IN 2 YRS.	3
ACCIDENT RATE ☆	3.07 ACC/MVM
EXISTING SPEED LIMIT	35 MPH (Ord. 452.214 Sec. 2.3 No. 45)

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




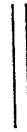
APPROVED BY:
Lawrence T. Tai
DATE: 8/15/2014
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

SURVEY DATE: MAR 4, 2014
MAP DATE: JUL 21, 2014
DRAWN BY: N AHMAD
CAD FILE: MIDDLETON.DGN

COUNTY AREA: THERMAL
COUNTY MAP: 229
SUPERVISOR DISTRICT: 4/4

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION
ENGINEERING AND TRAFFIC SURVEY
AT
MIDDLETON STREET
PAGE 1 OF 1

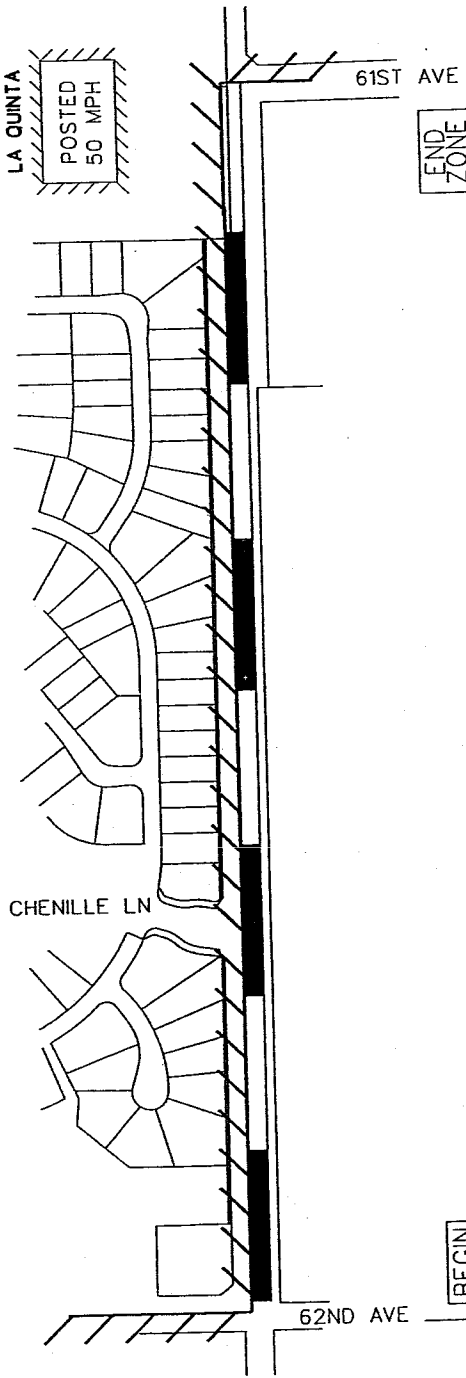
LEGEND:

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

MONROE STREET

(#1539)

CITY OF
LA QUINTA




NO SCALE


(CITY OF LA QUINTA DATA)

RECOMMENDED SPEED LIMIT	50 MPH
85th%TILE SPEED	52.0 MPH
VEHICLES IN 24 HR (2 WAY)	1,067
SEGMENT LENGTH	0.5 MILE
ALL ACCIDENTS IN 2 YRS.	0
ACCIDENT RATE ★	0.00 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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

SURVEY DATE:	SEP 1, 2014	APPROVED BY:	
MAP DATE:	JAN 5, 2015	DATE:	1/7/2015
DRAWN BY:	N AHMAD	LAWRENCE T. TAI, P.E. COUNTY TRAFFIC ENGINEER	
CAD FILE:	MONROE_ST.DGN		

COUNTY AREA:	LA QUINTA
COUNTY MAP:	222
SUPERVISOR DISTRICT:	4/4



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
AT
MONROE STREET

PIGEON PASS ROAD (#1521)

SURVEY STA S2072
950' E/O BOX SPRINGS
MTN RD

PIGEON PASS RD

BOX SPRINGS MTN RD

SURVEY STA S1349
1000' N/O QUAIL CALL DR

CITY OF
MORENO VALLEY
POSTED
45 MPH

1300'

QUAIL CALL RD

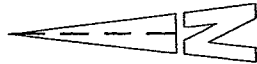
HIDDEN SPRINGS DR

END ZONE

BEGIN ZONE

LEGEND:

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



NO SCALE

RECOMMENDED SPEED LIMIT	45 MPH
85th%TILE SPEED	49.0 MPH (AVG OF TWO SIMILAR SEGMENTS OF 48.0 & 50.0 MPH)
VEHICLES IN 24 HR (2 WAY)	1,230
SEGMENT LENGTH	0.9 MILE
ALL ACCIDENTS IN 2 YRS.	1
ACCIDENT RATE ☆	1.24 ACC/MVM
EXISTING SPEED LIMIT	50 MPH (Ord 452.235 Sec. 2.6 No. 73)

☆ RATE. NO. OF ACCIDENT x 1000.000
VEH x 365 x 2 x MILE

SURVEY DATE:	DEC, 18, 2014
MAP DATE:	JAN 8, 2015
DRAWN BY:	N AHMAD
CAD FILE:	PIGEON_PASS.DGN
COUNTY AREA:	MORENO VALLEY
COUNTY MAP:	45
SUPERVISOR DISTRICT:	1/1, 5/5

APPROVED BY:

Lawrence T. Tai
DATE: 1/8/2015

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



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
AT

PIGEON PASS ROAD

PAGE

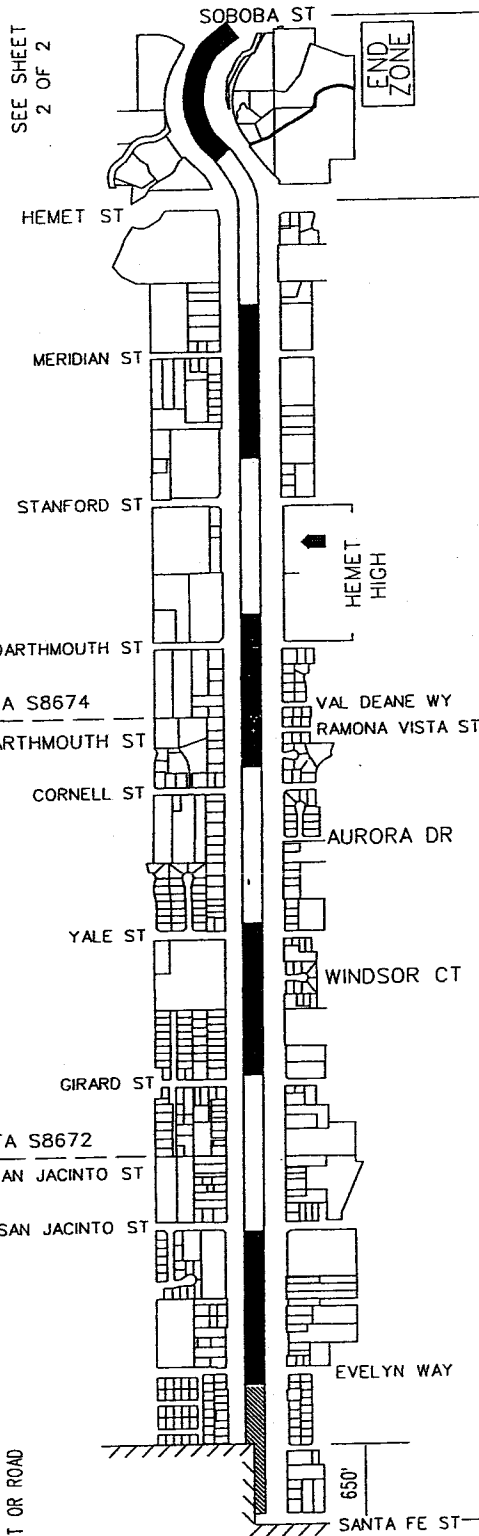
1 OF 1

STETSON AVENUE

(#1025)

LEGEND:

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



RECOMMENDED SPEED LIMIT	35 MPH
PREVAILING SPEED (85th%)	41.5 MPH (AVERAGE OF TWO SIMILAR STATIONS OF 40.0 & 43.0 MPH)
VEHICLES IN 24 HR (2 WAY)	18,200
SEGMENT LENGTH	2.51 MILE
ALL ACCIDENTS IN 2 YRS.	57
ACCIDENT RATE ☆	1.71 ACC/MVM
EXISTING SPEED LIMIT	35 MPH (Ord 452.214 Sec. 2.3 No. 4)
	NOT POSTED

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

COUNTY AREA: HEMET COUNTY MAP: 116A, 116B SUPERVISOR DISTRICT: 3/3		SURVEY DATE: MAR 4, 2014 MAP DATE: NOV 18, 2014 DRAWN BY: N AHMAD CAD FILE: STETSON.DGN		APPROVED BY: <i>Lawrence T. Tai</i> DATE: 12/3/2014 LAWRENCE T. TAI, P.E. COUNTY TRAFFIC ENGINEER		COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION ENGINEERING AND TRAFFIC SURVEY AT STETSON AVENUE		PAGE 1 OF 2
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