

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

452 A



FROM: TLMA-Transportation Department

SUBMITTAL DATE:
July 3, 2014

SUBJECT: Ordinance No. 452.237 to Establish Speed Zones Enforceable by Radar Speed Detection Equipment – Beaumont, Cherry Valley, Desert Edge, Murrieta, Riverside, and Winchester Areas. 1st/1st, 3rd/3rd, 4th/4th, and 5th/5th Districts; [\$4,000]; Gas Tax 100%

RECOMMENDED MOTION: That the Board of Supervisors:

1. Introduce and adopt, on successive meetings, Ordinance No. 452.237, 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 Beaumont, Cherry Valley, Desert Edge, Murrieta, Riverside, and Winchester areas of Riverside County.

Juan C. Perez, Director of Transportation and Land Management

Patricia Romo
Patricia Romo
Assistant Director of Transportation

LTT: 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%). 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

Tina Grande

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Ashley, seconded by Supervisor Tavaglione 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, October 7, 2014, at 9:30 a.m.

Ayes: Jeffries, Tavaglione, Stone and Ashley
Nays: None
Absent: Benoit
Date: September 23, 2014
xc: Transp., COB

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

Prev. Agn. Ref.:

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

3-67

FORM APPROVED COUNTY COUNSEL 9/9/14
DATE
BY: GREGORY P. PRAMOS

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. 452.237 to Establish Speed Zones Enforceable by Radar Speed Detection Equipment
- Beaumont, Cherry Valley, Desert Edge, Murrieta, Riverside and Winchester Areas. 1st/1st, 3rd/3rd, 4th/4th, and
5th/5th Districts; [\$4,000]; Gas Tax 100%

DATE: July 3, 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 informed the Riverside, Temecula, San Geronimo, and Indio area offices of the California Highway Patrol (CHP) of 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 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 \$4,000.

Contract History and Price Reasonableness

N/A

1 Section 5. Section 2.7 of Ordinance 452, entitled “Fifty-five miles per hour,” is hereby
2 amended to add new subsection 27 to read as follows:

3 “27. On Domenigoni Parkway between a point 1,900 feet west of Leon
4 Road to a point 1 mile west of Leon Road, a total distance of
5 approximately 0.64 mile.”

6 Section 6. Subsection 14 of Section 2.7 of Ordinance 452 adopted on September 16,
7 2008, pursuant to Ordinance No. 452.224, is repealed in its entirety. Subsection 14 of Section 2.7
8 established a fifty-five miles per hour speed limit on Domenigoni Parkway from Menifee Road to a point
9 1,900 feet west of Leon Road.

10 Section 7. Subsection 117 of Section 2.3 of Ordinance 452 adopted on August 20,
11 2013 , pursuant to Ordinance No. 452.234, is repealed in its entirety. Subsection 117 of Section 2.3
12 established a thirty-five miles per hour speed limit on Briggs Road between Barn Road and Thorens
13 Road.

14 Section 8. Subsection 163 of Section 2.5 of Ordinance 452 adopted on April 22, 2014,
15 pursuant to Ordinance No. 452.236, is repealed in its entirety. Subsection 163 of Section 2.5 established a
16 forty-five miles per hour speed limit on Orchard Street between Beaumont Avenue and Noble Street.

17 ///

18 ///

19 ///

**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.237
SUPERVISORIAL DISTRICT NO. 1**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
RIVERSIDE	SKYRIDGE DRIVE Between Lincoln Street and South Cliff Court	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

**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.237
SUPERVISORIAL DISTRICT NO. 3**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
MURRIETA	BRIGGS ROAD Between Golden J. Lane and Pat Road	Not Posted*	50	NEW
MURRIETA	BRIGGS ROAD Between Pat Road and Leon Road	35	45	UPDATE
WINCHESTER	DOMENIGONI PARKWAY Between Leon Road to a point one mile west of Leon Road	55	55	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 452.237
SUPERVISORIAL DISTRICT NO. 4**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
DESERT EDGE	CORKILL ROAD From a point 3,500 feet south of Aurora Road to Dillon Road	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

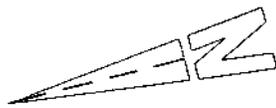
**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.237
SUPERVISORIAL DISTRICT NO. 5**

AREA	ROAD NAME/ LIMITS	EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT	NOTES
BEAUMONT	LINCOLN STREET From a point 1,320 feet west of Noble Street to Bellflower Avenue	Not Posted*	35	NEW
CHERRY VALLEY	ORCHARD STREET Between Beaumont Avenue and Noble Street	Not Posted*	40	UPDATE

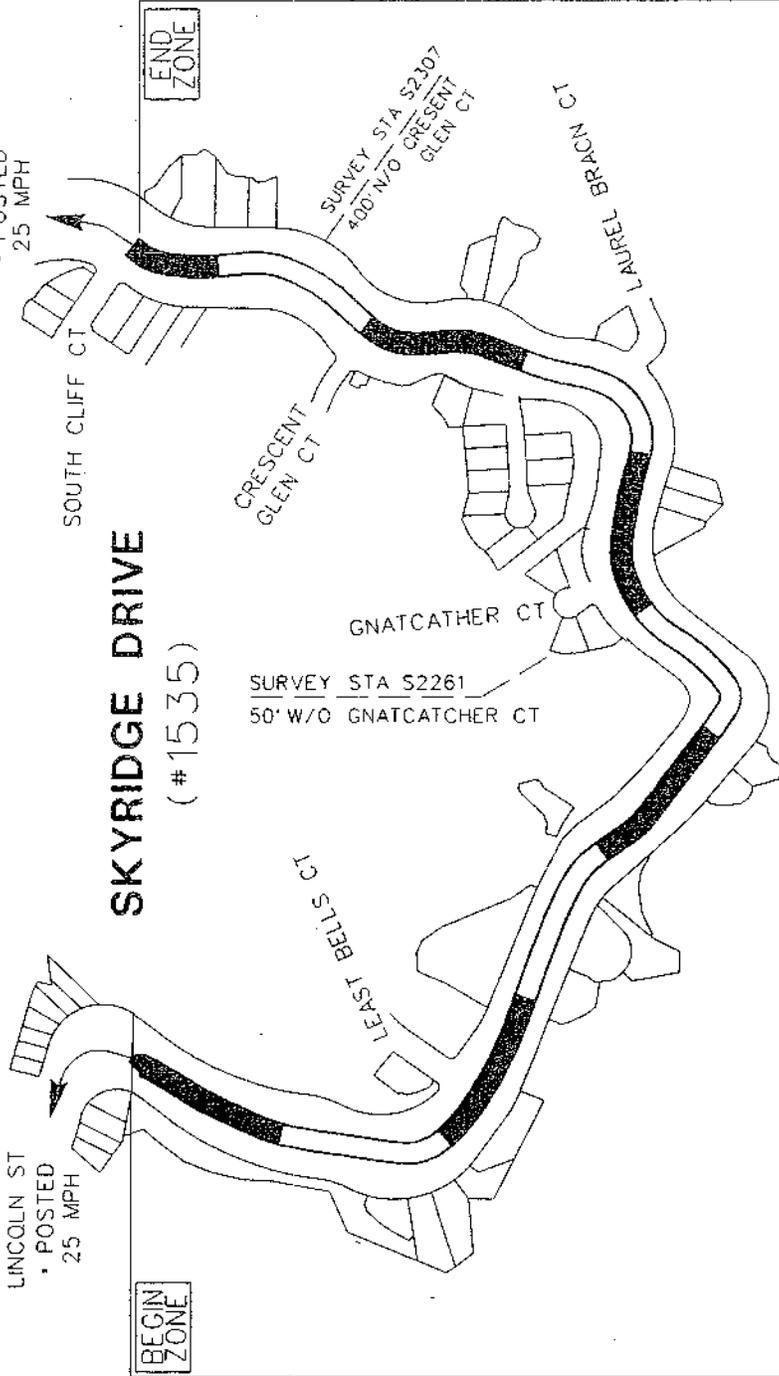
* Maximum allowable speed limit for a two-lane highway is 55 mph
 ***Maximum allowable speed limit for a multi-lane highway is 65 mph
 ****Change in speed zone boundary

LEGEND:

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



NO SCALE



RESIDENTIAL DISTRICT PER CVC 515

RECOMMENDED SPEED LIMIT

85th/TILE SPEED

VEHICLES IN 24 HR (2 WAY)

SEGMENT LENGTH

TOTAL ACCIDENTS IN 2 YRS.

ACCIDENT RATE ☆

EXISTING SPEED LIMIT

35 MPH

39.2 MPH (AVERAGE OF TWO SIMILAR STATIONS OF 43.0 & 35.5 MPH)

620

1.16 MILE

1

1.90 ACC/MVM

NOT POSTED

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

COUNTY AREA: RIVERSIDE

COUNTY MAP: 23D

SUPERVISOR DISTRICT: 1/1

SURVEY DATE: APR 23, 2014

MAP DATE: APR 28, 2014

DRAWN BY: N AHMAD

CAD FILE: SKYRIDGE DR.DGN

APPROVED BY:

Lawrence T. Tai, P.E.

DATE: June 6, 2014
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY

AT
SKYRIDGE DRIVE



PAGE

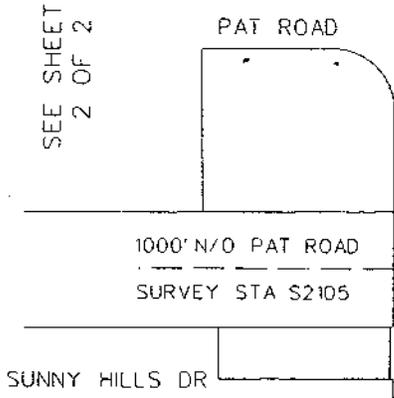
1 OF 1

LEGEND:

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

BRIGGS ROAD

(#1482)



GOLDEN J LN

CITY OF MENIFEE

NOT POSTED

BEGIN ZONE

5,280'

END ZONE



NO SCALE

RECOMMENDED SPEED LIMIT	50 MPH
85th/TILE SPEED	54.0 MPH (AVERAGE OF TWO SILMAR STATIONS OF 55.0 & 53.0 MPH)
VEHICLES IN 24 HR (2 WAY)	1,300
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 1,000,000
VEH x 365 x 2 x MILE

		COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION	PAGE 1 OF 2
APPROVED BY: 		ENGINEERING AND TRAFFIC SURVEY AT BRIGGS ROAD	
SURVEY DATE: APR 22, 2014	MAP DATE: MAY 9, 2014	DATE: June 5, 2014	
DRAWN BY: N AHMAD	CAD FILE: BRIGGS.DGN	LAWRENCE T. TAI, P.E. COUNTY TRAFFIC ENGINEER	
COUNTY AREA: MURRIETA	COUNTY MAP: 121A, 121B	SUPERVISOR DISTRICT: 3/3	



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
 TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
 AT
BRIGGS ROAD

APPROVED BY:
Lawrence T. Tai, P.E.
 DATE: June 5, 2014

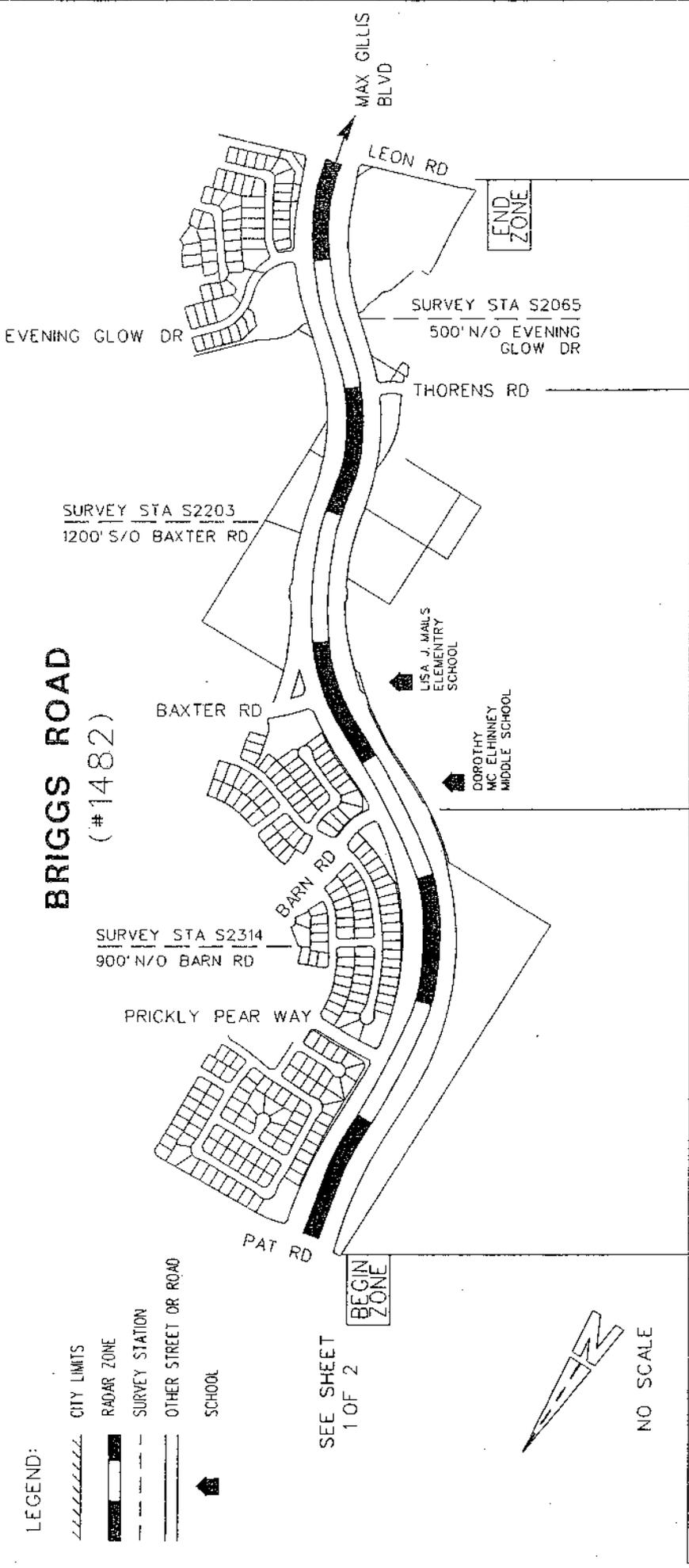
LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

SURVEY DATE: MAR 21, 2013
 MAP DATE: MAY 9, 2014
 DRAWN BY: N AHMAD
 CAD FILE: BRIGGS.DGN

COUNTY AREA: MURRIETA
 COUNTY MAP: 121A, 121B
 SUPERVISOR DISTRICT: 3/3

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

* (Ord. 452.234 Sec. 2.5 No. 155)

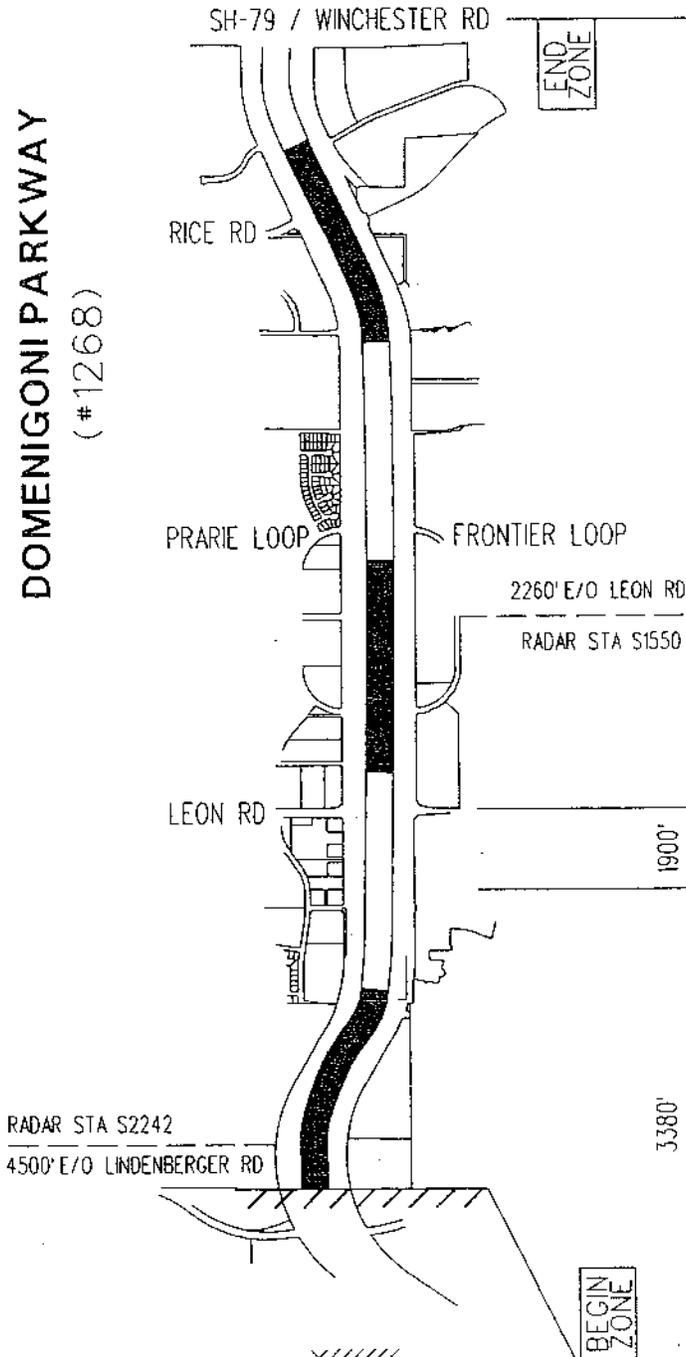


RECOMMENDED SPEED LIMIT	45 MPH
85th%TILE SPEED	46.5 (AVERAGE OF TWO SIMILAR STATIONS OF 48.0 & 46.0 & 45.7 MPH)
VEHICLES IN 24 HR (2 WAY)	4,045
SEGMENT LENGTH	1.5 MILE
ALL ACCIDENTS IN 2 YRS.	3
ACCIDENT RATE★	0.67 ACC/MVM
EXISTING SPEED LIMIT	35 MPH (Ord. 452.234 Sec. 2.3 No. 117) * 45 MPH
	NOT POSTED



NO SCALE

DOMENIGONI PARKWAY (#1268)



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

CITY OF
MENIFEE

POSTED
55 MPH



NO SCALE

** MAXIMUM PER CVC 22349	55 MPH	* * 65 MPH	1900'	
RECOMMENDED SPEED LIMIT	55 MPH	* * 65 MPH	3380'	
PREVAILING SPEED (85%)	62.1 MPH	71.0 MPH		
VEHICLES IN 24 HR (2 WAY)	21,135	20,675		
SEGMENT LENGTH	0.64 MI	2.05 MI		
ALL ACCIDENTS IN 2 YRS.	0	18		
ACCIDENT RATE ☆	0.00 ACC/MVM	0.58 ACC/MVM		
EXISTING SPEED LIMIT	55 MPH (Ord. 452.224 Sec. 2.7 No. 14)	* * 65 MPH		

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

APPROVED BY: *Lawrence T. Tal*
DATE: 6/20/2014
LAWRENCE T. TAL, P.E.
COUNTY TRAFFIC ENGINEER

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

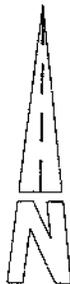
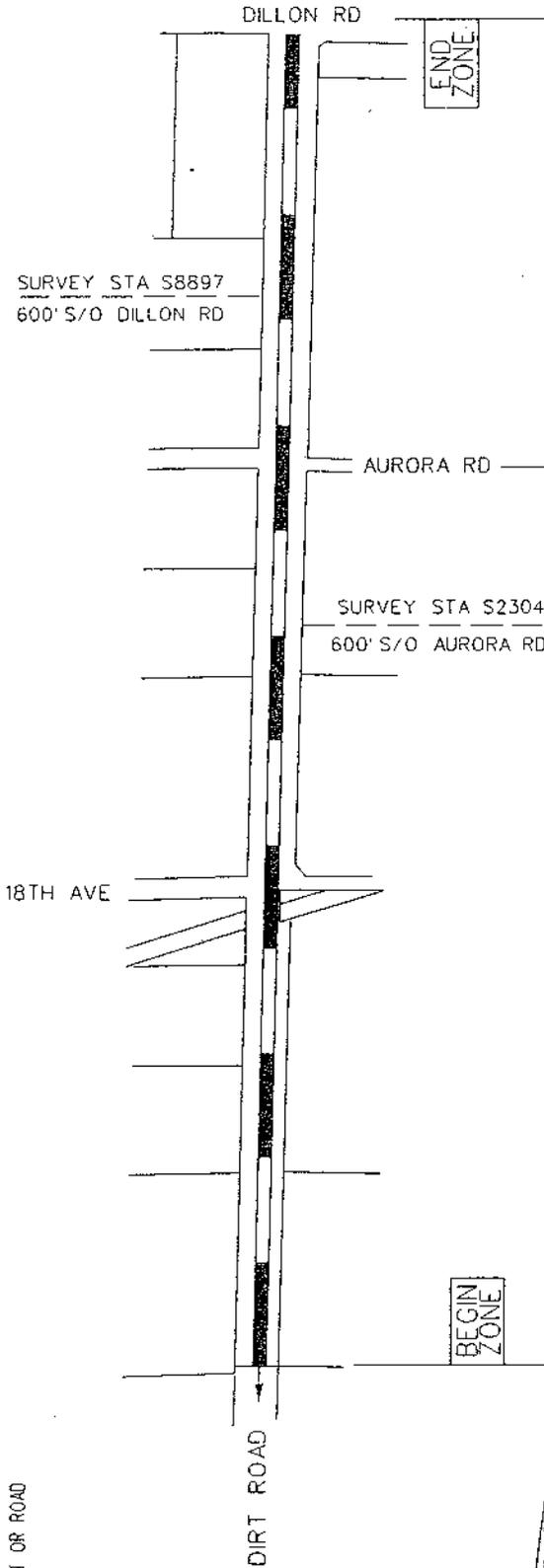
ENGINEERING AND TRAFFIC SURVEY
AT
DOMENIGONI PARKWAY

PAGE 1 OF 2

LEGEND:

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

CORKILL ROAD (#1536)



NO SCALE

RECOMMENDED SPEED LIMIT	40 MPH
85th/TILE SPEED	40.0 MPH (AVERAGE OF TWO SIMILAR STATIONS OF 39.0 & 41.0 MPH)
VEHICLES IN 24 HR (2 WAY)	2,500
SEGMENT LENGTH	0.92 MILE
ALL ACCIDENTS IN 2 YRS.	1
ACCIDENT RATE ☆	0.59 ACC/MVM
EXISTING SPEED LIMIT	NOT POSTED

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

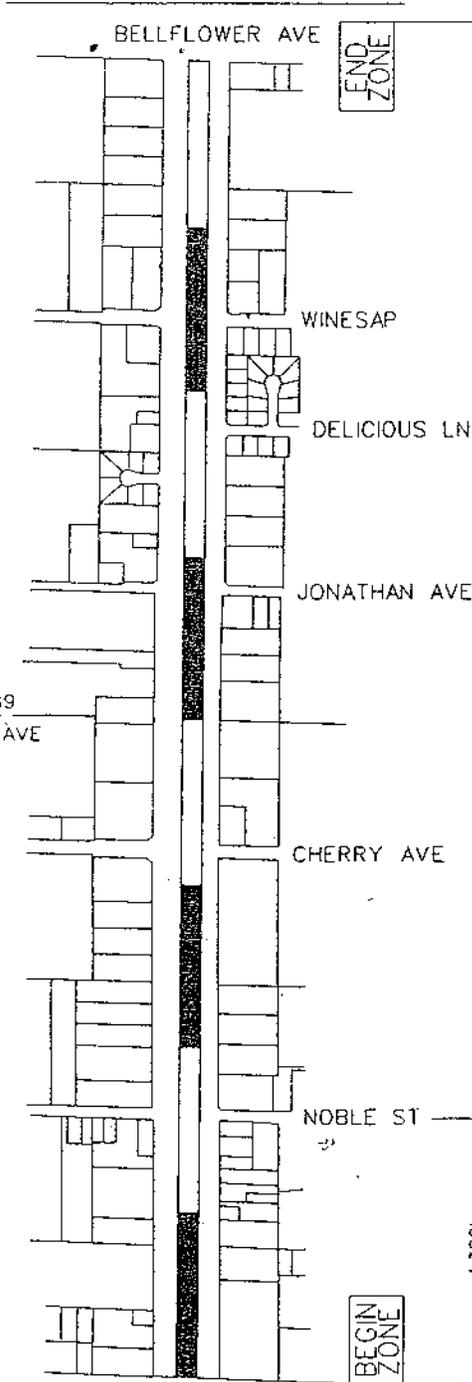
APPROVED BY: *Lawrence T. Tai, P.E.*
 DATE: 5/19/2014.
 LAWRENCE T. TAI, P.E.
 COUNTY TRAFFIC ENGINEER

SURVEY DATE: APR 2, 2014
 MAP DATE: MAY 7, 2014
 DRAWN BY: N AHMAD
 CAD FILE: CORKILL.DGN

COUNTY AREA: DESERT EDGE
 COUNTY MAP: 174
 SUPERVISOR DISTRICT: 4/4

LINCOLN STREET (#1526)

SURVEY STA S2089
200' E/O CHERRY AVE



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

END OF ROAD



NO SCALE

RECOMMENDED SPEED LIMIT	35 MPH
85th/75th TILE SPEED	38.0 MPH
VEHICLES IN 24 HR (2 WAY)	465
SEGMENT LENGTH	1.25 MILE
ALL ACCIDENTS IN 2 YRS.	1
ACCIDENT RATE ☆	2.35 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: 6/12/2014
LAWRENCE T. TAI, P.E.
COUNTY TRAFFIC ENGINEER

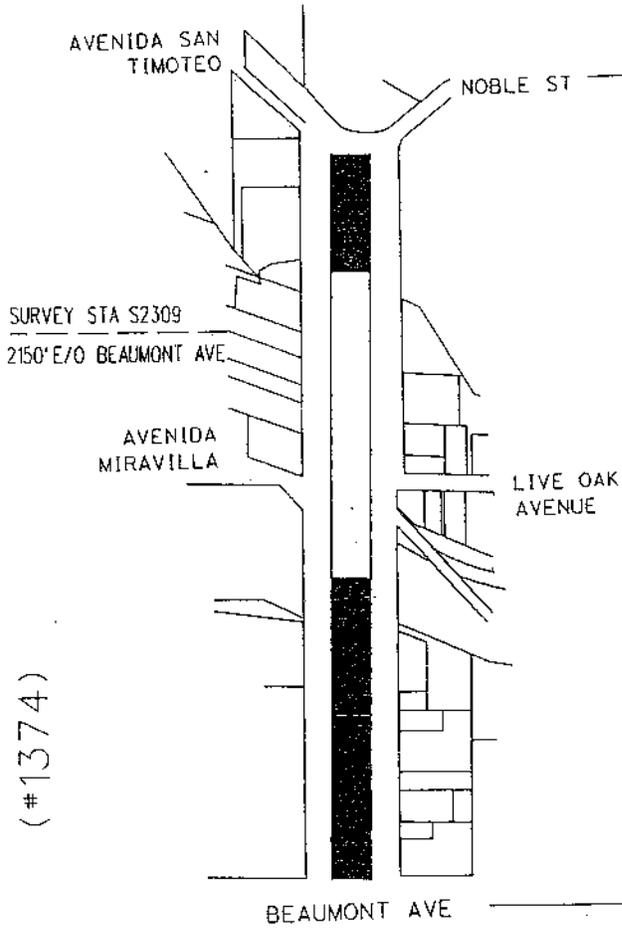
SURVEY DATE: SEP 4, 2013
MAP DATE: JUN 12, 2014
DRAWN BY: N AHMAD
CAD FILE: LINCOLN.DGN

COUNTY AREA: BEAUMONT
COUNTY MAP: 90, 90B
SUPERVISOR DISTRICT: 5/5

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

ORCHARD STREET (#1374)

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



SEE SHEET
1 OF 2



NO SCALE

BEGIN ZONE

END ZONE

RECOMMENDED SPEED LIMIT	40 MPH
PREVAILING SPEED (85%)	43.0 MPH
VEHICLES IN 24 HR (2 WAY)	1,100
SEGMENT LENGTH	0.5 MILE
ALL ACCIDENTS IN 2 YRS.	1
ACCIDENT RATE ☆	2.49 ACC/MVM
EXISTING SPEED LIMIT	45 MPH (Ord. 452.236 Sec. 2.5 No. 163)

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

COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION	
ENGINEERING AND TRAFFIC SURVEY AT ORCHARD STREET	
APPROVED BY: 	PAGE 2 OF 2
SURVEY DATE: APR 15, 2014	CHERRY VALLEY
MAP DATE: JUN 12, 2014	90A
DRAWN BY: N AHMAD	5/5
DATE: 6/19/2014	CAD FILE: ORCHARD.DGN
LAWRENCE T. TAI, P.E. COUNTY TRAFFIC ENGINEER	SUPERVISOR DISTRICT: