

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

**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
 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

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:

3-67

Departmental Concurrence

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 Geronio, 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 ORDINANCE NO. 452.237

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 2.3 of Ordinance No. 452, entitled “Thirty-Five miles per hour,” is
7 hereby amended to add new subsections 125 and 126 to read as follows:

8 “125. On Lincoln Street from a point 1,320 feet west of Noble Street to
9 Bellflower Avenue, a total distance of approximately 1.25 miles, in
10 the Beaumont area.

11 126. On Skyridge Drive between Lincoln Street and South Cliff Court,
12 a total distance of approximately 1.16 miles, in the Riverside area.”

13 Section 2. Section 2.4 of Ordinance No. 452, entitled “Forty miles per hour,” is hereby
14 amended to add new subsections 143 & 144 to read as follows:

15 “143. On Corkill Road from a point 3,500 feet south of Aurora Road to
16 Dillon Road, a total distance of approximately 0.92 miles, in the
17 Desert Edge area.

18 144. On Orchard Street between Beaumont Avenue and Noble Street, a
19 total distance of approximately 0.5 miles, in the Cherry Valley area.”

20 Section 3. Section 2.5 of Ordinance 452, entitled “Forty-five miles per hour,” is
21 hereby amended to add new subsection 164 to read as follows:

22 “164. On Briggs Road between Pat Road and Leon Road, a total distance
23 of approximately 1.5 miles, in the Murrieta area.”

24 Section 4. Section 2.6 of Ordinance 452, entitled “Fifty miles per hour,” is hereby
25 amended to add new subsection 78 to read as follows:

26 “78. On Briggs Road between Golden J. Lane and Pat Road, a total
27 distance of approximately 1.0 miles, in the Murrieta area.”
28

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.

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Section 9. This ordinance shall take effect 30 days after its adoption.

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

BY: _____
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 452.237
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

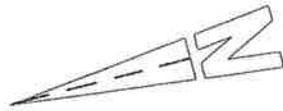
**LIST OF SPEED ZONE SUBMITTALS
ORDINANCE AMENDMENT NO 452.237
SUPERVISORIAL DISTRICT NO. 5**

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

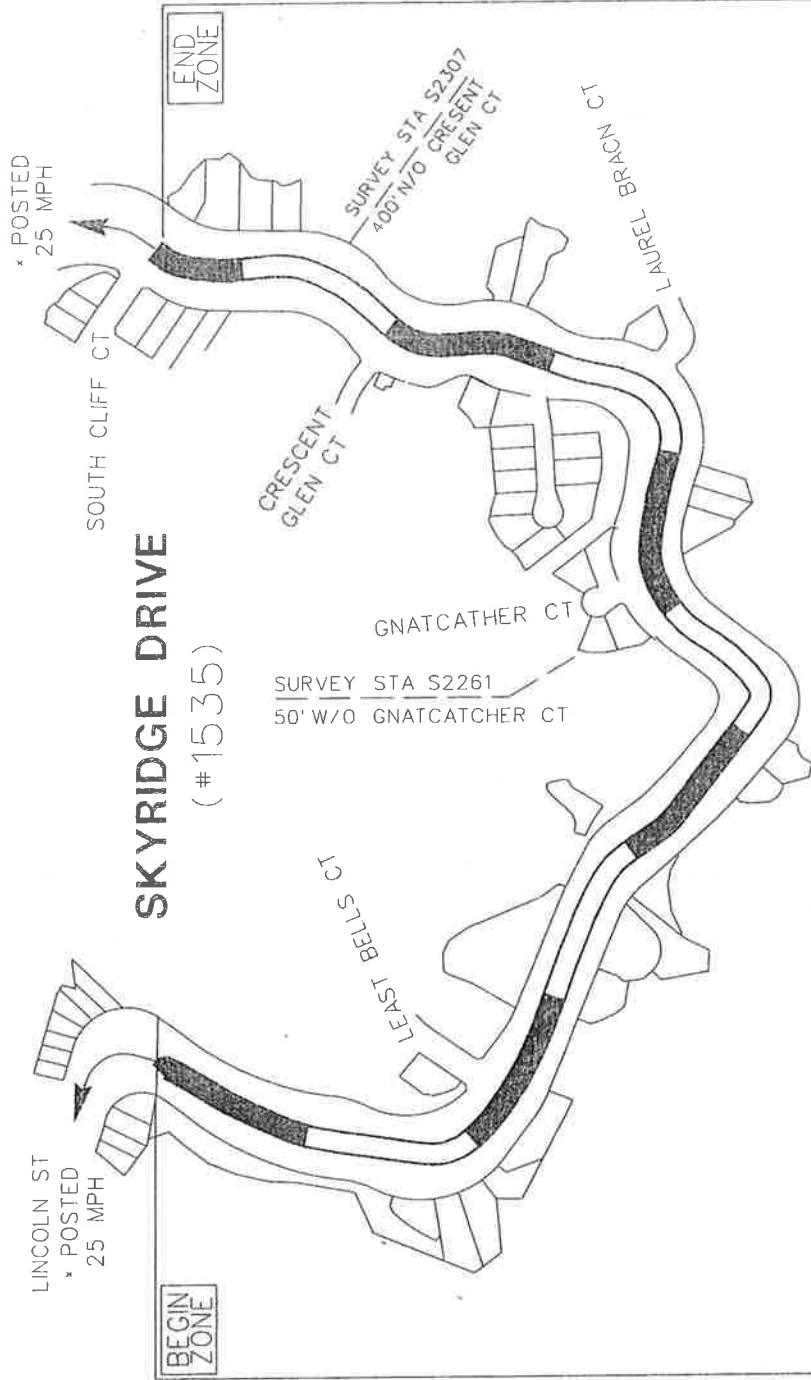
* Maximum allowable speed limit for a two-lane highway is 55 mph
 **Maximum allowable speed limit for a multi-lane highway is 65 mph
 ***Change in speed zone boundary

LEGEND:

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



NO SCALE



SKYRIDGE DRIVE

(#1535)

LINCOLN ST
* POSTED
25 MPH

SOUTH CLIFF CT

SURVEY STA S2261
50' W/O GNATCATCHER CT

SURVEY STA S2307
100' W/O CRESCENT
GLEN CT

BEGIN ZONE


END ZONE

* RESIDENTIAL DISTRICT PER CVC 515

RECOMMENDED SPEED LIMIT	35 MPH
85th/7ILE SPEED	39.2 MPH (AVERAGE OF TWO SIMILAR STATIONS OF 43.0 & 35.5 MPH)
VEHICLES IN 24 HR (2 WAY)	620
SEGMENT LENGTH	1.16 MILE
ALL ACCIDENTS IN 2 YRS.	1
ACCIDENT RATE ☆	1.90 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:	APR 23, 2014
MAP DATE:	APR 28, 2014
DRAWN BY:	N AHMAD
CAD FILE:	SKYRIDGE DR.DGN

APPROVED BY: 
 DATE: June 6, 2014
LAWRENCE T. TALPE.
 COUNTY TRAFFIC ENGINEER

LEGEND:

////// CITY LIMITS

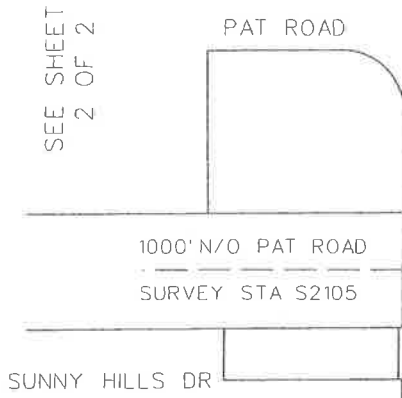
▬ RADAR ZONE

- - - SURVEY STATION

▬▬▬ OTHER STREET OR ROAD

BRIGGS ROAD

(#1482)



GOLDEN J LN

CITY OF
MENIFEE

NOT
POSTED

END
ZONE

BEGIN
ZONE

NO SCALE



5,280'

RECOMMENDED SPEED LIMIT	50 MPH
85th%TILE SPEED	54.0 MPH (AVERAGE OF TWO SILIMAR 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: $\frac{\text{NO. OF ACCIDENT} \times 1,000,000}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$

SURVEY DATE:	APR 22, 2014
MAP DATE:	MAY 9, 2014
DRAWN BY:	N AHMAD
CAD FILE:	BRIGGS.DGN

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



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

ENGINEERING AND TRAFFIC SURVEY
AT
BRIGGS ROAD

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

LEGEND:

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

BRIGGS ROAD

(#1482)

SURVEY STA S2203
1200' S/O BAXTER RD

SURVEY STA S2314
900' N/O BARN RD

PRICKLY PEAR WAY

BAXTER RD

PAT RD

THORENS RD

SURVEY STA S2065
500' N/O EVENING GLOW DR

MAX GILLIS BLVD

LEON RD

BEGIN ZONE

END ZONE

SEE SHEET
1 OF 2

LISA J. MALLS
ELEMENTARY
SCHOOL

DOROTHY
MC ELHINNEY
MIDDLE SCHOOL



NO SCALE

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

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

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

APPROVED BY:

Lawrence T. Tai
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

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
TRAFFIC ENGINEERING DIVISION

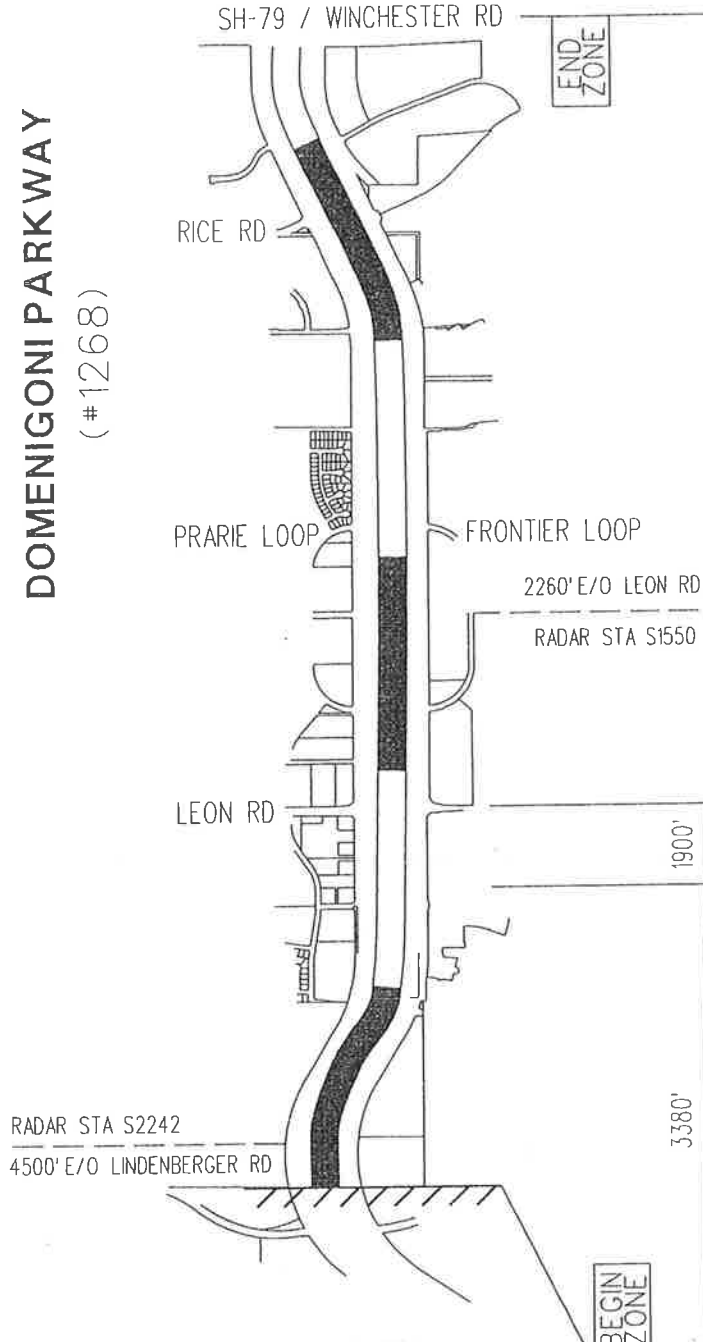
ENGINEERING AND TRAFFIC SURVEY
AT

BRIGGS ROAD



DOMENIGONI PARKWAY

(#1268)



LEGEND:

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



CITY OF MENIFEE





NO SCALE

** MAXIMUM PER CVC 22349	55 MPH	** 65 MPH
RECOMMENDED SPEED LIMIT	62.1 MPH	71.0 MPH
PREVAILING SPEED (85%)	21,135	20,675
VEHICLES IN 24 HR (2 WAY)	0.64 MI	2.05 MI
SEGMENT LENGTH	0	18
ALL ACCIDENTS IN 2 YRS.	0.00 ACC/MVM	0.58 ACC/MVM
ACCIDENT RATE ☆	55 MPH (Ord. 452-224 Sec. 2.7 No. 14)	** 65 MPH
EXISTING SPEED LIMIT		

☆ RATE: ACCIDENT x 1000 000
VEH x 365 x 2YR x MILE

COUNTY AREA:	WINCHESTER	SURVEY DATE:	MAR 4, 2014	APPROVED BY:	<i>Lawrence T. Tai</i>	COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT TRAFFIC ENGINEERING DIVISION	PAGE	1 OF 2
COUNTY MAP:	114, 115	MAP DATE:	JUN 19, 2014			ENGINEERING AND TRAFFIC SURVEY		
SUPERVISOR DISTRICT:	3/3	DRAWN BY:	N AHMAD	DATE:	6/20/2014	DOMENIGONI PARKWAY		
		CAD FILE:	DOMINEGONI.PKWAY.DGN					

LEGEND:

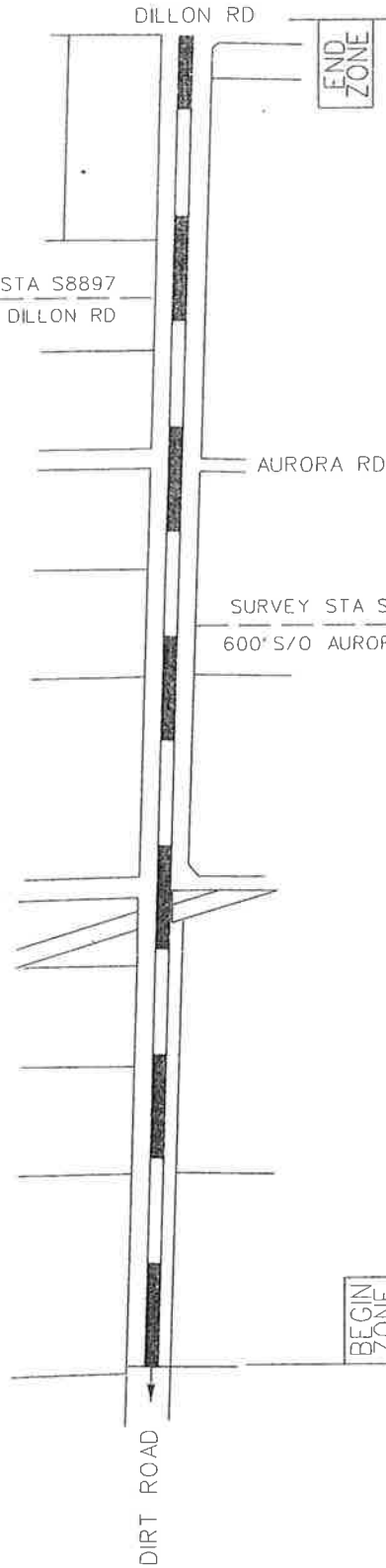
-  CITY LIMITS
-  RADAR ZONE
-  SURVEY STATION
-  OTHER STREET OR ROAD

CORKILL ROAD (#1536)

18TH AVE

SURVEY STA S8897
600' S/O DILLON RD

SURVEY STA S2304
600' S/O AURORA RD

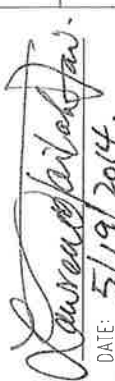


NO SCALE

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

COUNTY AREA:	DESERT EDGE	SURVEY DATE:	APR 2, 2014
COUNTY MAP:	174	MAP DATE:	MAY 7, 2014
SUPERVISOR DISTRICT:	4/4	DRAWN BY:	N AHMAD
		CAD FILE:	CORKILL.DGN

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

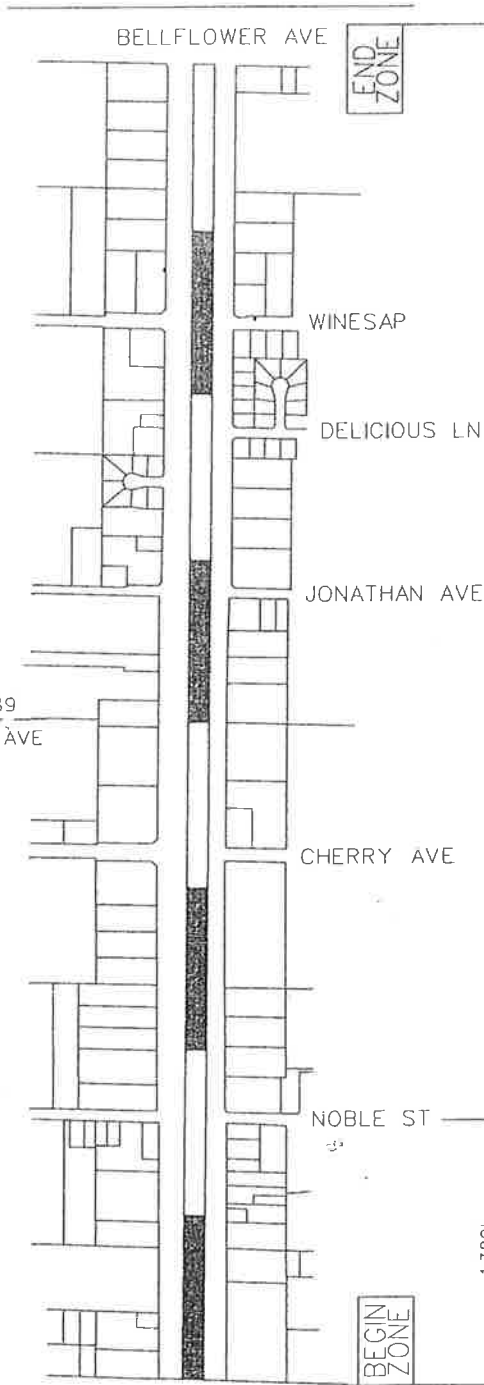
LEGEND:

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

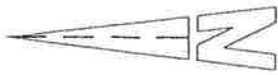
LINCOLN STREET

(#1526)

SURVEY STA S2089
200' E/O CHERRY AVE



END OF ROAD



NO SCALE

RECOMMENDED SPEED LIMIT	35 MPH
85th% 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 = $\frac{\text{NO. OF ACCIDENT} \times 1000}{\text{VEH} \times 365 \times 2 \times \text{MILE}}$

APPROVED BY: *Lawrence T. Tai*
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

ORCHARD STREET

(#1374)

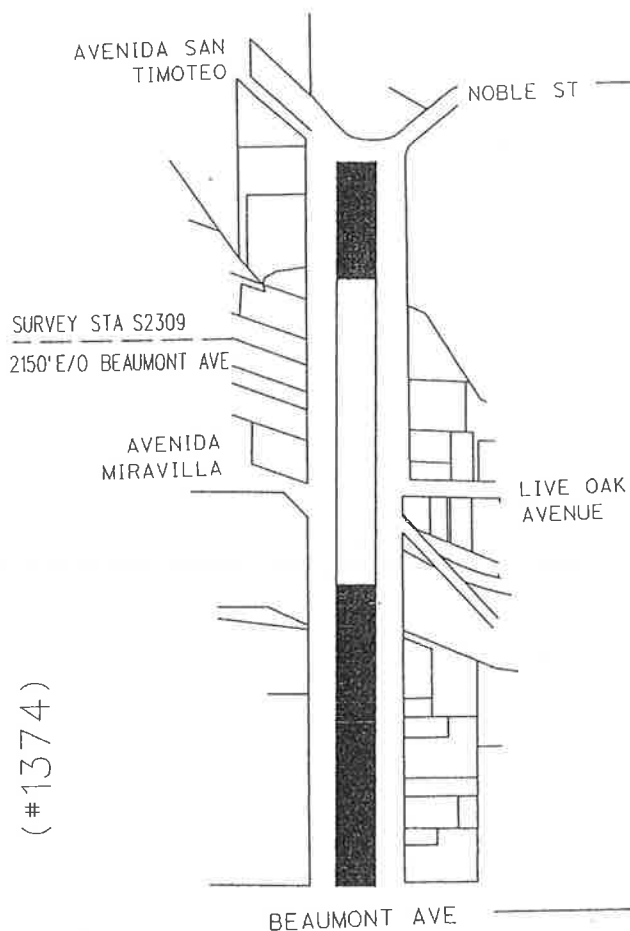
LEGEND:

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

SEE SHEET
1 OF 2



NO SCALE





END ZONE

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