



City of Redding
Public Works Department
Traffic Operations

Engineering and Traffic Survey of Viking Way

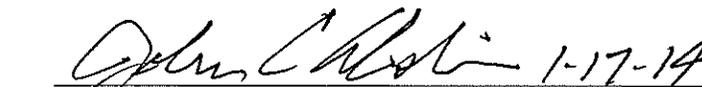
Survey Date: 01/02/2014
7-year Expiration: 01/02/2021

For the determination of safe and reasonable speed zoning as required by Sections 22358 and 40802 of the California Vehicle Code (CVC), as defined by Section 627 of the CVC and in accordance with Section 2B.13 of the California Manual on Uniform Traffic Control Devices, this Engineering and Traffic Survey (E&TS) was initiated to verify or modify speed zones on Viking Way.

Based on the results of this E&TS and adoption of Ordinance Number 2465 by the City Council of the City of Redding, amending Redding Municipal Code Section 11.12.010, the following speed zone on Viking Way is established:

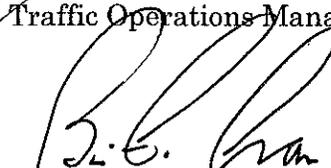
- 40 mph from Abernathy Lane to Old Oregon Trail

In accordance with Redding Municipal Code 11.08.010, appropriate signs giving notice of the above speed zoning shall be placed and the stated speed limit(s) shall be effective upon the placement of such signs.



 John C. Abshier, P.E. Date
 Traffic Operations Manager

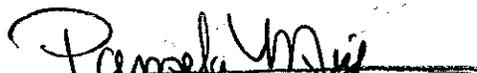




 Brian Crane, P. E. Date
 Director of Public Works

4/21/2014

ATTEST:



 PAMELA MIZE, City Clerk



Viking Way

| | |
|----------------------------|--|
| SPEED ZONE BOUNDARY | Abernathy Lane to Old Oregon Trail |
|----------------------------|--|

ROADSIDE CONDITIONS

| | |
|-------------------------|----------|
| Land Use District | Business |
| Pedestrian Use | Few |
| Percent Sidewalks | 45% |
| Bike Lane or Bike Route | No |
| Driveways Present | Several |

ROADWAY GEOMETRY

| | |
|----------------------------|----------------------|
| Roadway Segment Length, Ft | 2,600 |
| Number of Thru Lanes | 2 (1 WB, 1 EB) |
| Width, Ft | 32 |
| Median Type | Double Yellow Stripe |
| Horizontal Alignment | Straight |
| Vertical Alignment | Flat |

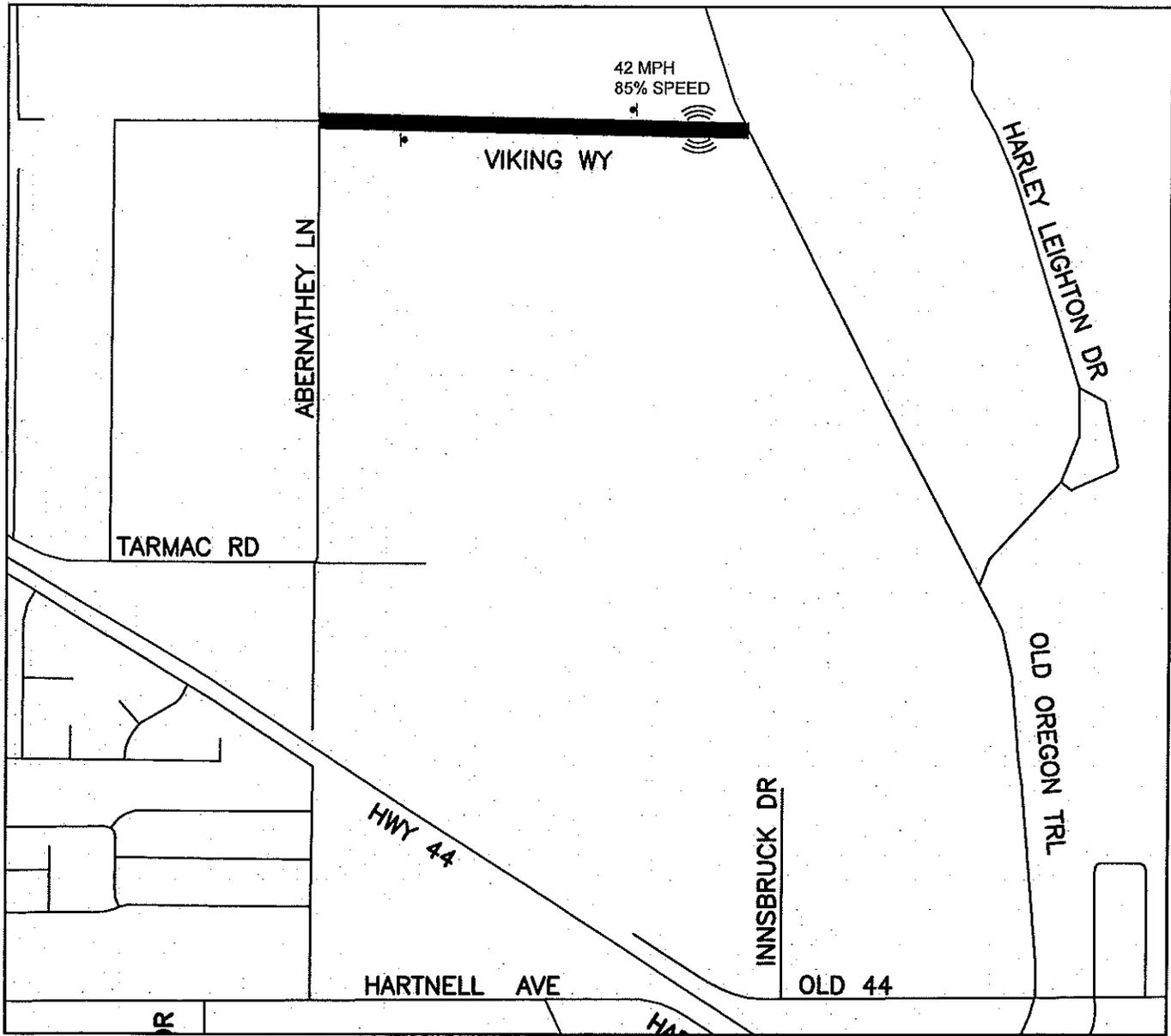
TRAFFIC CONDITIONS

| | |
|--------------------------------------|---------|
| Average Daily Traffic (ADT) | 1,941 |
| Collisions in the Last 2 Years | 1 |
| Collision Rate, per Million Vehicles | 0.71 |
| City-Wide Average Rate, Per/MV | 1.92 |
| 10 mph Pace Range, mph | 32 - 42 |
| Vehicles Within Pace, % | 80 |
| Median Speed (50%), mph | 38 |
| Existing Posted Speed, mph | 40 |
| Prevailing Speed (85%), mph | 42 |
| Nearest 5-mph Increment, mph | 40 |
| 5-mph Reduction Recommended | No |

RECOMMENDATION

| | |
|--|---------------|
| POST SPEED LIMIT | 40 mph |
| <p>Conditions Justifying 5-mph Reduction Below the Nearest 5-mph Increment of the Prevailing Speed (85%)</p> | |

City of Redding Engineering and Traffic Survey Volume 3 2014 speed zone maps 2010 Base Speed Survey.dwg, 1/21/14 3:39:53 PM



LEGEND

-  SPEED LIMIT SIGN
-  RADAR LOCATION
-  40 MPH SPEED LIMIT ZONE

CITY OF REDDING PUBLIC WORKS DEPARTMENT

VIKING WAY
ENGINEERING & TRAFFIC SURVEY
 ABERNATHEY LN TO OLD OREGON TRAIL

