



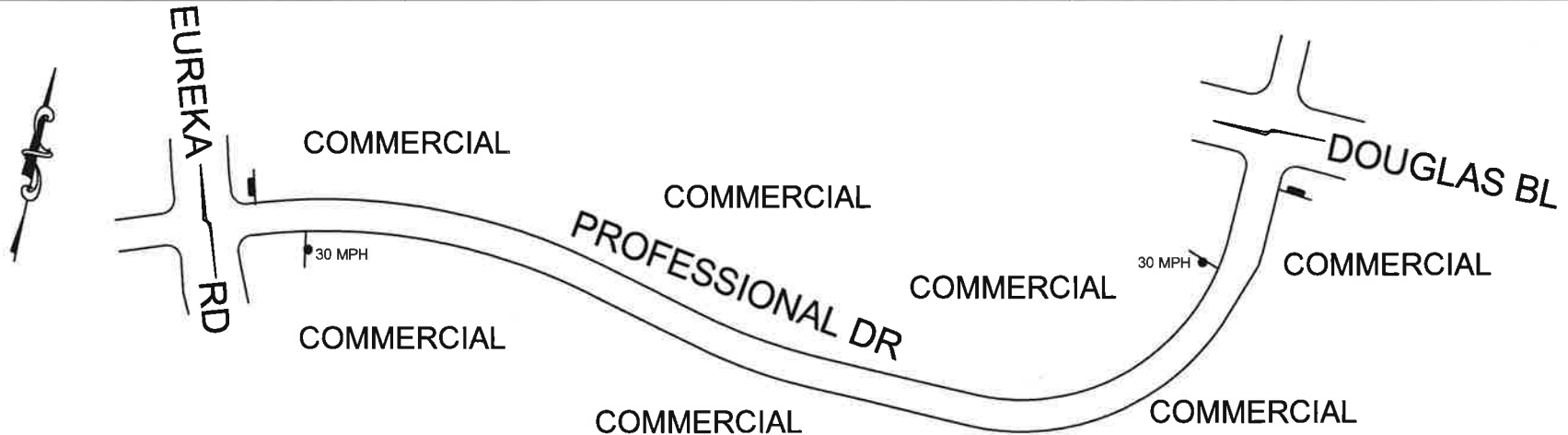
PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:

PROFESSIONAL DR
EUREKA RD TO DOUGLAS BL

STRIP MAP



ROADWAY WIDTH	36'
NO. OF LANES	2
AADT	1562
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	34.5 MPH
PACE SPEED	25-34 MPH
3-YEAR ACCIDENT HISTORY	1
EXISTING SPEED LIMIT	30 MPH
RECOM. SPEED LIMIT	30 MPH
SEGMENT LENGTH	2219

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH	61-75	0*	ROADSIDE COND.	
	51-60	0*		SCHOOL <input type="checkbox"/>
	41-50	27*		RESIDENCE <input type="checkbox"/>
	31-40	632*		BUSINESS <input checked="" type="checkbox"/>
	1-30	903*		PARKS <input type="checkbox"/>

	OPEN SPACE <input type="checkbox"/>
	BIKEWAY <input type="checkbox"/>

COMMENTS: NO PARKING ON BOTH SIDES OF STREET.
*HOSES USED FOR SPEED SURVEY. TOTAL VOLUME EQUALS 1562.

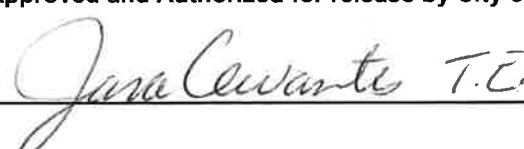
SOME RECOVERY AREA <input type="checkbox"/>	NO RECOVERY AREA <input checked="" type="checkbox"/>
SCHOOL ROUTE <input type="checkbox"/>	

City of Roseville Engineering and Traffic Survey

Summary

Street: PROFESSIONAL DR
Limits: EUREKA RD
DOUGLAS BL

Field Observer: T TRELEVEN
Checked By: J CERVANTES
Date: 03/24/2014

Factors	Direction: East/West
<u>A. Prevailing Speed Data</u>	
Location of Survey	500' east of Eureka Rd
85th Percentile	34.5 MPH
10 mph Pace	25-34 MPH
Percent in Pace	59.8%
Posted Speed Limit	30
<u>B. Collision History</u>	
Date Range Covered	03/01/2011 to 02/28/2014 (3 years)
Total Collisions	1
Collision Rate (Acc/MVM)	0
Expected Collision Rate	3.05
<u>C. Traffic Factors</u>	
Average Daily Traffic	1562
Length of Segment	2219
Lane Configuration	Single Lane Each Direction
Street Classification	Collector
<u>D. Conditions Not Readily Apparent</u>	
Conditions	See: Roadside Conditions on the Speed Zone Survey Map.
Roadway Geometrics	Vertical and Horizontal Curves
Comments	Numerous commercial driveways; On street parking.
<u>E. Adjacent Land Use</u>	
	Commercial
Posted Speed Limit	30
Speed Limit Change?	No
Revised Speed Limit	
Approved and Authorized for release by City of Roseville Traffic Engineering Department:	
 _____	3-27-14 _____ Date
	Loc.#

Site Code: PROFESSIONAL
 Station ID:

Latitude: 0° 0.000 South

Westbound	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number	
Start Time	15:00	16:00	21:00	26:00	31:00	36:00	41:00	46:00	51:00	56:00	61:00	66:00	71:00	76:00	999	Speed	in Pace	
03/24/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	1	1	11	17	15	2	0	0	0	0	0	0	0	0	47	24-33	30	
09:00	0	2	10	25	17	2	2	0	0	0	0	0	0	0	58	24-33	39	
10:00	2	4	6	35	24	10	0	0	0	0	0	0	0	0	81	26-35	52	
11:00	2	7	15	39	30	9	0	0	0	0	0	0	0	0	102	25-34	61	
12 PM	1	7	19	34	20	6	1	0	0	0	0	0	0	0	88	24-33	51	
13:00	0	4	12	31	28	1	1	0	0	0	0	0	0	0	77	25-34	53	
14:00	1	1	15	42	29	5	1	0	0	0	0	0	0	0	94	25-34	65	
15:00	0	4	12	37	53	9	1	0	0	0	0	0	0	0	116	27-36	80	
16:00	1	3	11	65	70	14	2	0	0	0	0	0	0	0	166	26-35	120	
17:00	0	2	11	22	22	7	1	0	0	0	0	0	0	0	65	26-35	40	
18:00	0	0	3	9	7	0	0	0	0	0	0	0	0	0	19	25-34	15	
19:00	0	0	0	3	4	0	0	0	0	0	0	0	0	0	7	27-36	6	
20:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29-38	1	
21:00	0	0	1	1	2	0	0	0	0	0	0	0	0	0	4	24-33	3	
22:00	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	21-30	3	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
Total	8	35	127	362	321	66	9	0	0	0	0	0	0	0	928			
Percent	0.9%	3.8%	13.7%	39.0%	34.6%	7.1%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	10:00	11:00	11:00	11:00	11:00	10:00	09:00								11:00			
Vol.	2	7	15	39	30	10	2								102			
PM Peak	12:00	12:00	12:00	16:00	16:00	16:00	16:00								16:00			
Vol.	1	7	19	65	70	14	2								166			

532 387 9
 4 3 1
 310 187 11
 57 55 6
 963 632 27

Site Code: PROFESSIONAL
 Station ID:

Latitude: 0' 0.000 South

Westbound Start Time	16		21		26		31		36		41		46		51		56		61		66		71		76		Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	00	05	10	15	20	25	30	35	Total		
03/25/14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	19-28	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	37-46		
06:00	0	0	0	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	24-33		
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Total	0	0	0	4	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	8		
Percent	0.0%	0.0%	0.0%	50.0%	25.0%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
AM Peak				06:00	05:00	06:00	05:00	06:00	05:00	06:00	05:00	06:00	05:00	06:00	05:00	06:00	05:00	06:00	05:00	06:00	05:00	06:00	05:00	06:00	05:00	06:00		
Vol.				3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5		
PM Peak																												
Vol.																												

Total	8	35	127	366	323	67	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	936
Percent	0.9%	3.7%	13.6%	39.1%	34.5%	7.2%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
15th Percentile :	23 MPH																											
50th Percentile :	28 MPH																											
85th Percentile :	34 MPH																											
95th Percentile :	37 MPH																											
Stats	10 MPH Pace Speed : 25-34 MPH																											
	Number in Pace : 614																											
	Percent in Pace : 65.6%																											
	Number of Vehicles > 55 MPH : 0																											
	Percent of Vehicles > 55 MPH : 0.0%																											
	Mean Speed(Average) : 29 MPH																											

Site Code: PROFESSIONAL
 Station ID:

Latitude: 0' 0.000 South

Eastbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number	
Start	15	20	25	30	35	40	45	50	55	60	65	70	75	80		Speed	in	
Time	03/24/14																Pace	
	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	0	4	22	24	32	15	5	0	0	0	0	0	0	0	102	26-35	53	
09:00	0	4	8	15	14	3	1	0	0	0	0	0	0	0	45	25-34	26	
10:00	1	3	4	13	10	3	1	0	0	0	0	0	0	0	35	25-34	20	
11:00	1	6	10	19	13	7	0	0	0	0	0	0	0	0	56	24-33	29	
12 PM	0	8	17	36	25	6	0	0	0	0	0	0	0	0	92	25-34	55	
13:00	0	3	10	18	13	4	0	0	0	0	0	0	0	0	48	24-33	29	
14:00	2	1	16	14	13	3	2	0	0	0	0	0	0	0	51	22-31	28	
15:00	0	3	11	11	7	3	0	1	0	0	0	0	0	0	36	21-30	20	
16:00	2	1	5	5	6	4	0	0	0	0	0	0	0	0	23	23-32	10	
17:00	0	1	2	5	0	0	0	1	0	0	0	0	0	0	9	22-31	6	
18:00	0	0	0	2	2	2	0	0	0	0	0	0	0	0	6	29-38	4	
19:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1	
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
21:00	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3	29-38	2	
22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
Total	6	34	106	164	136	51	9	2	0	0	0	0	0	0	508			
Percent	1.2%	6.7%	20.9%	32.3%	26.8%	10.0%	1.8%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	10:00	11:00	08:00	08:00	08:00	08:00	08:00								08:00			
Vol.	1	6	22	24	32	15	5								102			
PM Peak	14:00	12:00	12:00	12:00	12:00	12:00	14:00	15:00							12:00			
Vol.	2	8	17	36	25	6	2	1							92			

2, 4, 6 167

Site Code: PROFESSIONAL
 Station ID:

Latitude: 0' 0.000 South

Eastbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	76	999	Total	Pace	Number	
Start	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90		Speed	in	
Time																			Pace	Place
03/25/14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	14-23	1	1
04:00	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	29-38	3	3
05:00	0	0	5	8	2	6	1	0	0	0	0	0	0	0	0	0	22	21-30	12	12
06:00	0	1	13	29	22	22	4	0	0	0	0	0	0	0	0	0	91	26-35	49	49
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	1	19	37	27	28	5	1	0	0	0	0	0	0	0	0	118			
Percent	0.0%	0.8%	16.1%	31.4%	22.9%	23.7%	4.2%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	06:00	06:00	06:00	06:00	06:00	06:00	06:00	03:00									06:00			
Vol.	1	13	29	29	22	22	4	1									91			
PM Peak				57		55														
Vol.																				
Total	6	35	125	201	163	79	14	3	0	0	0	0	0	0	0	0	626			
Percent	1.0%	5.6%	20.0%	32.1%	26.0%	12.6%	2.2%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
15th Percentile :					21 MPH															
50th Percentile :					28 MPH															
85th Percentile :					35 MPH															
95th Percentile :					39 MPH															

Stats	10 MPH Pace Speed :	25-34 MPH
Number in Pace :	338	
Percent in Pace :	54.0%	
Number of Vehicles > 55 MPH :	0	
Percent of Vehicles > 55 MPH :	0.0%	
Mean Speed(Average) :	29 MPH	