

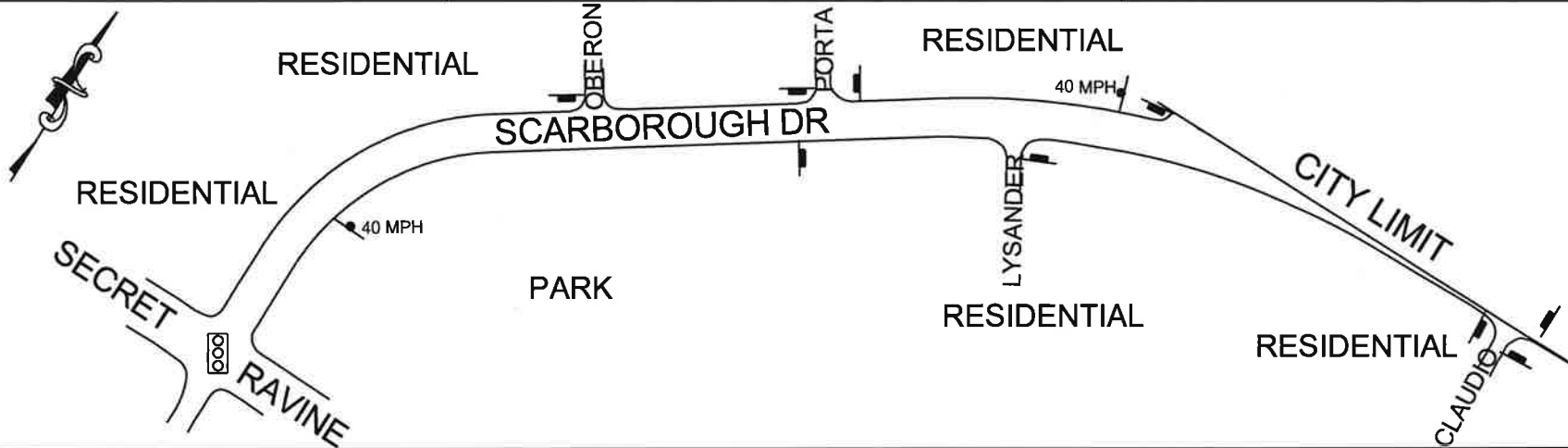


PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:
SCARBOROUGH DR
SECRET RAVINE PKWY TO CITY LIMIT

STRIP MAP



ROADWAY WIDTH	42'
NO. OF LANES	2
AADT	4004
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	38.5 MPH
PACE SPEED	31-40 MPH
3-YEAR ACCIDENT HISTORY	0
EXISTING SPEED LIMIT	40 MPH
RECOM. SPEED LIMIT	40 MPH
SEGMENT LENGTH	.42 MI.

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH	61-75	0*	ROADSIDE COND.	
	51-60	4*		SCHOOL <input type="checkbox"/>
	41-50	346*		RESIDENCE <input checked="" type="checkbox"/>
	31-40	3202*		BUSINESS <input type="checkbox"/>
	1-30	515*		PARKS <input checked="" type="checkbox"/>
			OPEN SPACE <input type="checkbox"/>	
			BIKEWAY <input checked="" type="checkbox"/>	

COMMENTS: NO PARKING ON BOTH SIDES OF STREET.
*HOSES USED FOR SPEED SURVEY. TOTAL VOLUME EQUALS 4067.

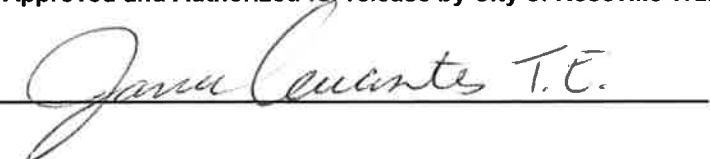
SOME RECOVERY AREA NO RECOVERY AREA
SCHOOL ROUTE

City of Roseville Engineering and Traffic Survey

Summary

Street: SCARBOROUGH DR
Limits: SECRET RAVINE PW
CITY LIMIT

Field Observer: T TRELEVEN
Checked By: J CERVANTES
Date: 01/10/2014

Factors	Direction: East/West	
<u>A. Prevailing Speed Data</u>		
Location of Survey	285' South of Oberon Wy	
85th Percentile	38.5	
10 mph Pace	31-40	
Percent in Pace	70.2%	
Posted Speed Limit	40	
<u>B. Collision History</u>		
Date Range Covered	12/01/2010 to 11/30/2013	(3 years)
Total Collisions	0	
Collision Rate (Acc/MVM)	0	
Expected Collision Rate	3.05	
<u>C. Traffic Factors</u>		
Average Daily Traffic	4067	
Length of Segment	2210	
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	Park; Class II bike lanes; residential side streets.	
<u>E. Adjacent Land Use</u>		
	Single Family Residential	
Posted Speed Limit	40	
Speed Limit Change?	No	
Revised Speed Limit		
Approved and Authorized for release by City of Roseville Traffic Engineering Department:		
		<u>3-27-14</u> Date
		Loc.#

Site Code: SCARBOROUGH
 Station ID:

Latitude: 0' 0.000 South

Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	799	Total	Pace Speed	Number In Pace
01/10/14	0	0	0	0	0	0	0	2	2	10	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	33-42	12
01:00	0	0	0	0	0	0	0	2	2	2	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	34-43	5
02:00	0	0	0	0	0	0	0	1	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	34-43	3	
03:00	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	0	1	14-23	1	
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	29-38	1	
05:00	0	0	0	0	0	1	1	2	2	4	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	10	34-43	7	
06:00	0	0	0	0	0	2	2	3	3	5	5	3	3	0	0	0	0	0	0	0	0	0	0	0	0	13	34-43	8		
07:00	5	0	0	0	0	1	1	32	29	29	29	12	12	2	2	0	0	0	0	0	0	0	0	0	0	0	81	31-40	53	
08:00	3	0	0	2	0	5	5	25	48	48	48	11	11	2	2	0	0	1	1	0	0	0	0	0	0	0	97	32-41	66	
09:00	2	0	0	0	0	3	3	31	33	33	33	8	8	1	1	0	0	0	0	0	0	0	0	0	0	0	78	32-41	56	
10:00	1	0	0	0	0	2	2	42	37	37	37	8	8	1	1	0	0	0	0	0	0	0	0	0	0	0	91	31-40	70	
11:00	0	0	0	0	0	6	6	37	43	43	43	8	8	1	1	0	0	0	0	0	0	0	0	0	0	0	95	31-40	72	
12 PM	0	0	0	0	0	6	6	36	36	47	47	19	19	3	3	0	0	0	0	0	0	0	0	0	0	0	111	32-41	77	
13:00	0	0	0	0	0	2	2	39	50	50	50	10	10	1	1	0	0	0	0	0	0	0	0	0	0	0	102	32-41	80	
14:00	3	0	0	1	1	17	17	51	58	58	58	14	14	2	2	0	0	0	0	0	0	0	0	0	0	0	146	31-40	98	
15:00	0	0	0	0	0	13	13	93	83	83	83	16	16	1	1	0	0	0	0	0	0	0	0	0	0	0	207	31-40	158	
16:00	1	0	0	0	0	10	10	73	73	66	66	7	7	2	2	0	0	0	0	0	0	0	0	0	0	0	159	31-40	124	
17:00	5	0	0	0	0	22	22	87	84	84	84	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	209	31-40	152	
18:00	2	0	0	0	0	9	9	82	82	83	83	14	14	1	1	0	0	0	0	0	0	0	0	0	0	0	191	31-40	147	
19:00	1	0	0	0	0	6	6	68	37	37	37	15	15	1	1	0	0	0	0	0	0	0	0	0	0	0	128	30-39	95	
20:00	0	0	0	0	0	5	5	37	57	57	57	8	8	0	0	2	2	0	0	0	0	0	0	0	0	0	109	32-41	85	
21:00	0	0	0	0	0	5	5	33	29	29	29	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	72	31-40	56	
22:00	0	0	0	0	0	3	3	14	14	30	30	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	52	32-41	40	
23:00	0	0	0	0	0	1	1	8	8	25	25	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	35	33-42	30	
Total	23	0	0	5	119	798	862	182	20	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2012			
Percent	1.1%	0.0%	0.2%	5.9%	39.7%	42.8%	9.0%	1.0%	0.1%	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%			
AM Peak	07:00	08:00	08:00	08:00	08:00	08:00	08:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	08:00	08:00		
Vol.	5	2	2	6	42	48	12	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	97	97		
PM Peak	17:00	14:00	14:00	17:00	15:00	17:00	17:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	17:00	17:00		
Vol.	5	1	1	22	93	84	19	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	209	209		

147
 1660
 202
 3

Site Code: SCARBOROUGH
 Station ID:

Latitude: 0' 0.000 South

Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	799	Total	Pace Speed	Number in Pace		
01/13/14	0	0	0	0	0	1	1	1	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	34-43	4		
01:00	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	29-38	3		
02:00	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	0	0	0	*	*	
03:00	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	24-33	2		
04:00	0	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	34-43	3		
05:00	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	7	7	32-41	7		
06:00	0	0	0	0	0	0	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	32-41	16		
07:00	3	0	0	0	0	3	3	17	36	36	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	77	33-42	52		
08:00	1	0	0	0	0	8	8	14	32	32	11	11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	67	67	33-42	44		
09:00	1	0	0	0	0	4	4	22	38	38	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73	32-41	55		
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	5	0	0	1	16	16	68	68	127	127	42	42	1	1	0	0	0	0	0	0	0	0	0	0	0	0	260	260				
Percent	1.9%	0.0%	0.0%	0.4%	6.2%	6.2%	26.2%	26.2%	48.8%	48.8%	16.2%	16.2%	0.4%	0.4%	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%	
AM Peak	07:00			03:00		08:00		09:00		09:00		07:00		08:00														07:00				
Vol.	3			1		8		22		38		18		1													77					

Stats	10 MPH Pace Speed	31-40 MPH
Total	95	8510
Percent	1.1%	0.0%
Number in Pace	6224	0
Percent in Pace	73.1%	0.0%
Number of Vehicles > 55 MPH	3	0
Percent of Vehicles > 55 MPH	0.0%	0.0%
Mean Speed(Average)	35 MPH	0

15th Percentile : 30 MPH
 50th Percentile : 35 MPH
 85th Percentile : 39 MPH
 95th Percentile : 42 MPH

Site Code: SCARBOROUGH
 Station ID:

Latitude: 0' 0.000 South

Southwest	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Pace	Number	
Start	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Speed	
Time	01/10/14	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12 PM	13:00	14:00	15:00	16:00
	0	0	0	0	3	1	0	0	0	0	0	0	0	0	4	29-38	4
	0	0	0	0	2	2	0	0	0	0	0	0	0	0	4	31-40	4
	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29-38	2
	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3	29-38	3
	0	0	0	2	7	4	0	0	0	0	0	0	0	0	13	30-39	10
	0	0	0	7	13	12	4	0	0	0	0	0	0	0	36	31-40	23
	1	0	1	15	39	31	5	0	0	0	0	0	0	0	92	30-39	64
	5	0	3	29	113	85	16	4	0	0	0	0	0	0	255	30-39	178
	4	0	0	33	89	71	19	0	0	0	0	0	0	0	216	30-39	146
	1	0	3	17	62	35	15	0	0	0	0	0	0	0	133	30-39	90
	1	0	0	16	36	38	8	0	0	0	0	0	0	0	99	31-40	67
	1	1	7	10	47	55	6	0	1	0	0	0	0	0	128	31-40	91
	1	0	0	15	34	40	7	0	0	0	0	0	0	0	97	31-40	67
	1	0	2	10	45	37	4	1	0	0	0	0	0	0	100	31-40	73
	6	0	0	16	80	53	13	0	0	0	0	0	0	0	168	30-39	118
	2	2	1	15	47	47	3	0	0	0	0	0	0	0	117	31-40	83
	1	0	1	15	48	40	13	3	0	0	0	0	0	0	121	31-40	80
	4	0	5	28	50	38	9	1	0	0	0	0	0	0	135	30-39	82
	1	1	0	27	57	37	7	0	0	0	0	0	0	0	130	29-38	89
	1	0	1	21	38	13	2	0	0	0	0	0	0	0	76	28-37	55
	0	2	1	12	24	15	1	0	0	0	0	0	0	0	55	29-38	37
	0	0	0	7	15	6	3	0	0	0	0	0	0	0	31	28-37	22
	1	0	0	7	12	5	0	0	0	0	0	0	0	0	25	28-37	18
	0	0	0	4	8	3	0	0	0	0	0	0	0	0	15	28-37	12
	31	6	25	306	872	670	135	9	1	0	0	0	0	0	2055		
Total	1.5%	0.3%	1.2%	14.9%	42.4%	32.6%	6.6%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	11:00	11:00	08:00	07:00	07:00	08:00	07:00	11:00						07:00		
Vol.	5	1	7	33	113	85	19	4	1						255		
PM Peak	14:00	15:00	17:00	17:00	14:00	14:00	14:00	16:00							14:00		
Vol.	6	2	5	28	80	53	13	3							168		

368
 1542
 144
 1
 147
 1660
 202
 3
 3202
 346
 4
 515

Site Code: SCARBOROUGH
 Station ID:

Latitude: 0' 0.000 South

Southwest	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Pace	Number	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	In Pace	
01/13/14	0	0	0	1	0	1	1	0	0	0	0	0	0	0	3	34-43	2
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29-38	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	1	0	0	1	1	0	0	0	0	0	0	0	0	3	31-40	2
04:00	0	0	0	1	7	7	0	1	0	0	0	0	0	0	16	32-41	12
05:00	0	0	3	10	13	13	7	0	0	0	0	0	0	0	46	30-39	25
06:00	0	0	1	29	49	33	2	2	0	0	0	0	0	0	116	29-38	80
07:00	2	0	1	37	95	114	12	1	0	0	0	0	0	0	262	31-40	189
08:00	2	0	1	27	86	80	13	1	0	0	0	0	0	0	210	31-40	150
09:00	2	1	1	11	35	34	11	1	0	0	0	0	0	0	96	31-40	62
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	6	2	7	116	286	284	46	6	0	0	0	0	0	0	753		
Percent	0.8%	0.3%	0.9%	15.4%	38.0%	37.7%	6.1%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	03:00	05:00	07:00	07:00	07:00	08:00	06:00							07:00		
Vol.	2	1	3	37	95	114	13	2							262		

PM Peak	Vol.
Total	115
Percent	1.3%

10 MPH Pace Speed	30-39 MPH
Number in Pace	5779
Percent in Pace	67.3%
Number of Vehicles > 55 MPH	1
Percent of Vehicles > 55 MPH	0.0%
Mean Speed(Average)	34 MPH

15th Percentile	50th Percentile	85th Percentile	95th Percentile
28 MPH	33 MPH	38 MPH	41 MPH

Total	Vol.	Percent
115	11	0.1%
1365	146	1.7%
3556	159	15.9%
2736	31.9%	31.9%
595	6.9%	6.9%
57	0.7%	0.7%
1	0.0%	0.0%
4	0.0%	0.0%
0	0.0%	0.0%
0	0.0%	0.0%
8586		