



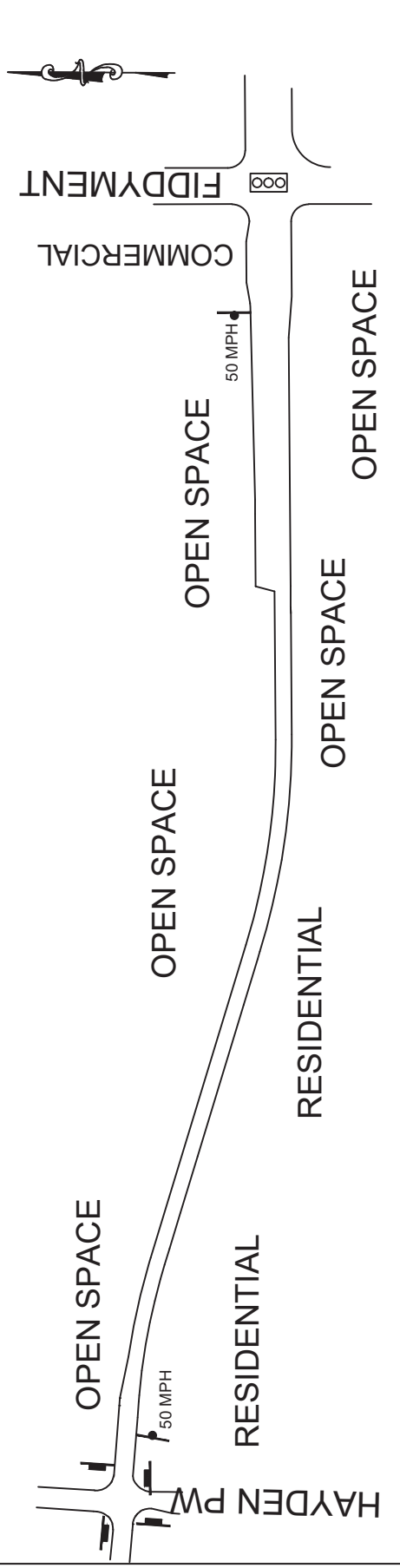
PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP  
SPEED ZONE SURVEY

ROAD NAME:

**BLUE OAKS BL**  
HAYDEN PW TO FIDDYMENT RD

STRIP MAP



ROADWAY WIDTH	40'
NO. OF LANES	2
AADT	6335
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	54.2 MPH
PACE SPEED	45-54 MPH
3-YEAR ACCIDENT HISTORY	1
EXISTING SPEED LIMIT	50 MPH
RECOM. SPEED LIMIT	50 MPH
SEGMENT LENGTH	3890'

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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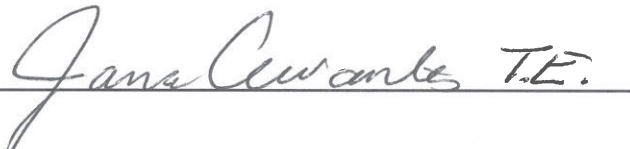
	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL	ROADSIDE COND.
61-75		172*		SCHOOL <input type="checkbox"/>
51-60		2239*		RESIDENCE <input checked="" type="checkbox"/>
41-50		3350*		BUSINESS <input checked="" type="checkbox"/>
31-40		529*		PARKS <input type="checkbox"/>
1-30		45*		OPEN SPACE <input checked="" type="checkbox"/>
				BIKEWAY <input checked="" type="checkbox"/>

COMMENTS: NO PARKING ON BOTH SIDES OF STREET.  NO RECOVERY AREA   
 \*HOSES USED FOR SPEED SURVEY. TOTAL VOLUME EQUALS 6335.  SCHOOL ROUTE

# City of Roseville Engineering and Traffic Survey Summary

Street: BLUE OAKS BL  
Limits: FIDDYMENT RD  
N. HAYDEN PW

Field Observer: RY / HC  
Checked By: J CERVANTES  
Date: 06/30/2021

Factors	Direction: WEST / EAST	
<b><u>A. Prevailing Speed Data</u></b>		
Location of Survey	1,500' E. OF N. HAYDEN PW	
85th Percentile	54.2	
10 mph Pace	45-54 MPH	
Percent in Pace	58.3%	
Posted Speed Limit	50 MPH	
<b><u>B. Collision History</u></b>		
Date Range Covered	04/26/2018 to 04/26/2021	( 3 YEARS )
Total Collisions	1	
Collision Rate (Acc/MVM)	0.20	
Expected Collision Rate	2.95	
<b><u>C. Traffic Factors</u></b>		
Average Daily Traffic	6,335	
Length of Segment	3,890'	
Lane Configuration	SINGLE LANE EACH DIRECTION	
Street Classification	ARTERIAL	
<b><u>D. Conditions Not Readily Apparent</u></b>		
Conditions	SEE: ROADSIDE CONDITIONS ON SPEED SURVEY MAP	
Roadway Geometrics	HORIZONTAL CURVES	
Comments	NO PARKING ON BOTH SIDES OF STREET	
<b><u>E. Adjacent Land Use</u></b>		
	OPEN SPACE; RESIDENTIAL	
Posted Speed Limit	50 MPH	
Speed Limit Change?	NO	
Revised Speed Limit		
Approved and Authorized for release by City of Roseville Traffic Engineering Department:		
		<u>8/27/21</u> Date
		Loc.#

Direction: EB

6/30/2021	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 - 55 MPH	> 55 - 60 MPH	> 60 - 65 MPH	> 65 - 70 MPH	Total
12:00 AM	0	0	0	1	1	3	0	1	1	1	0	8
1:00	0	0	0	0	1	2	2	1	1	1	0	8
2:00	0	0	0	0	0	1	3	1	1	0	1	7
3:00	0	0	0	0	0	0	0	0	1	0	0	1
4:00	0	0	0	0	0	3	3	7	4	1	1	20
5:00	0	0	0	1	2	3	19	16	8	1	1	51
6:00	2	0	0	0	6	10	38	28	8	0	1	93
7:00	1	0	3	8	13	56	55	35	13	0	0	184
8:00	1	1	0	1	9	48	65	43	7	3	2	181
9:00	1	0	0	7	21	56	69	41	11	1	0	208
10:00	1	0	0	0	28	45	69	34	12	2	0	191
11:00	0	0	3	5	19	73	73	55	7	2	0	237
12:00 PM	1	0	0	3	18	49	81	49	14	3	1	221
1:00	2	0	1	1	16	50	63	35	6	2	1	177
2:00	2	0	1	5	26	57	53	35	10	3	3	196
3:00	1	0	0	3	17	41	97	66	21	1	2	249
4:00	0	0	0	4	8	29	73	58	20	5	0	199
5:00	3	0	0	0	11	25	76	59	19	4	2	199
6:00	1	3	0	0	4	12	53	32	19	2	0	126
7:00	1	0	0	0	6	16	41	38	22	3	0	127
8:00	0	0	0	0	6	15	35	28	6	1	0	91
9:00	0	0	1	1	4	18	17	10	4	1	0	56
10:00	0	0	0	2	2	3	5	3	2	1	0	19
11:00	0	0	0	0	2	4	6	3	3	0	0	18
Total	17	4	8	42	220	619	996	678	220	38	15	2867
			15th Percentile	50th	85th	95th						
		Speed	41.5	47.5	53.4	57						
		Mean Speed (Average)	47.7									
		10 MPH Pace Speed	45-54									
		Number in Pace	1673									
		Percent in Pace	58.4%									
		Number > 45 MPH	1955									
		Percent > 45 MPH	68.2%									
Grand Total	17	4	8	42	220	619	996	678	220	38	15	2867
Stats			15th Percentile	50th	85th	95th						
		Speed	41.5	47.5	53.4	57						
		Mean Speed (Average)	47.7									
		10 MPH Pace Speed	45-54									
		Number in Pace	1673									
		Percent in Pace	58.4%									
		Number > 45 MPH	1955									
		Percent > 45 MPH	68.2%									

Direction: WB

6/30/2021	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 - 55 MPH	> 55 - 60 MPH	> 60 - 65 MPH	> 65 - 70 MPH	Total
12:00 AM	0	0	0	0	0	1	2	5	2	1	0	11
1:00	0	0	0	0	1	2	2	4	3	0	1	14
2:00	0	0	0	0	0	0	1	2	0	0	0	3
3:00	0	0	0	0	0	2	2	0	0	0	0	4
4:00	0	0	0	0	0	2	3	0	0	0	1	6
5:00	0	0	0	0	7	9	26	36	11	4	0	94
6:00	1	0	0	2	22	31	61	51	29	4	2	203
7:00	1	0	0	3	13	31	44	39	16	3	0	150
8:00	0	0	1	2	12	34	41	31	12	0	0	134
9:00	0	0	0	2	14	46	63	41	14	5	2	187
10:00	1	0	1	2	19	31	62	43	20	1	1	181
11:00	0	0	0	6	28	51	69	41	25	4	1	225
12:00 PM	3	0	0	3	14	71	91	58	8	3	0	251
1:00	1	0	0	10	22	49	70	47	18	4	3	224
2:00	0	0	1	6	26	50	62	55	23	3	1	227
3:00	0	0	0	3	8	45	77	64	25	6	0	230
4:00	0	0	0	0	2	39	72	84	29	5	2	233
5:00	1	0	0	2	6	55	71	95	47	6	0	284
6:00	1	0	1	3	5	36	72	70	32	8	3	232
7:00	0	0	0	1	9	23	51	68	30	10	1	193
8:00	0	0	0	1	7	19	48	42	18	9	2	148
9:00	0	0	0	1	3	19	42	38	13	0	0	118
10:00	0	0	0	0	2	9	31	23	11	1	1	79
11:00	0	0	0	0	0	8	9	16	2	0	1	37
Total	9	0	1	47	220	663	1072	953	388	77	22	3468
		Percentile	15th	50th	85th	95th						
		Speed	42	48.7	54.8	58.5						
	Mean Speed (Average)		49.0									
	10 MPH Pace Speed		45-54									
	Number in Pace		2019									
	Percent in Pace		58.2%									
	Number > 45 MPH		2524									
	Percent > 45 MPH		72.8%									
Grand Total	9	0	1	47	220	663	1072	953	388	77	22	3468
Stats		Percentile	15th	50th	85th	95th						
		Speed	42	48.7	54.8	58.5						
	Mean Speed (Average)		49.0									
	10 MPH Pace Speed		45-54									
	Number in Pace		2019									
	Percent in Pace		58.2%									
	Number > 45 MPH		2524									
	Percent > 45 MPH		72.8%									

Direction: Combined

6/30/2021	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 - 55 MPH	> 55 - 60 MPH	> 60 - 65 MPH	> 65 - 70 MPH	Total
12:00 AM	0	0	0	1	4	4	2	6	3	2	0	19
1:00	0	0	0	0	2	4	4	5	4	1	1	22
2:00	0	0	0	0	0	1	4	3	1	0	1	10
3:00	0	0	0	0	2	2	0	0	1	0	0	5
4:00	0	0	0	0	0	5	6	7	4	1	2	26
5:00	0	0	0	1	9	12	45	52	19	5	1	145
6:00	3	0	0	2	28	41	99	79	37	4	3	296
7:00	2	0	3	11	26	87	99	74	29	3	0	334
8:00	1	1	1	3	21	82	106	74	19	3	2	315
9:00	1	0	0	9	35	102	132	82	25	6	2	395
10:00	2	0	1	2	47	76	131	77	32	3	1	372
11:00	0	0	3	11	47	124	142	96	32	6	1	462
12:00 PM	4	0	0	6	32	120	172	107	22	6	1	472
1:00	3	0	1	11	38	99	133	82	24	6	4	401
2:00	2	0	2	11	52	107	115	90	33	6	4	423
3:00	1	0	0	6	25	86	174	130	46	7	2	479
4:00	0	0	0	4	10	68	145	142	49	10	2	432
5:00	4	0	0	2	17	80	147	154	66	10	2	483
6:00	2	3	1	3	9	48	125	102	51	10	3	358
7:00	1	0	0	1	15	39	92	106	52	13	1	320
8:00	0	0	0	1	13	34	83	70	24	10	2	239
9:00	0	0	1	2	7	37	59	48	17	1	0	174
10:00	0	0	0	2	4	12	36	26	13	2	1	98
11:00	0	0	0	0	2	12	15	19	5	0	1	55
Total	26	4	3	89	440	1282	2068	1631	608	115	37	6335
			15th Percentile	50th	85th	95th						
		Speed	41.8	48.1	54.2	57.9						
		Mean Speed (Average)	48.4									
		10 MPH Pace Speed	45-54									
		Number in Pace	3692									
		Percent in Pace	58.3%									
		Number > 45 MPH	4479									
		Percent > 45 MPH	70.7%									
Grand Total	26	4	3	89	440	1282	2068	1631	608	115	37	6335
Stats			15th Percentile	50th	85th	95th						
		Speed	41.8	48.1	54.2	57.9						
		Mean Speed (Average)	48.4									
		10 MPH Pace Speed	45-54									
		Number in Pace	3692									
		Percent in Pace	58.3%									
		Number > 45 MPH	4479									
		Percent > 45 MPH	70.7%									

