



PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP  
SPEED ZONE SURVEY

ROAD NAME:

**FIDELITY WAY**  
Freedom to Blue Oaks

STRIP MAP

BLUE OAKS BLVD



OPEN SPACE

30 MPH

FIDELITY WY

30 MPH

OPEN SPACE

FREEDOM WY

COMMERCIAL

OPEN SPACE

ROADWAY WIDTH	42'
NO. OF LANES	2
ADT	3106
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	31
PACE SPEED	20-29 MPH
3-YEAR ACCIDENT HISTORY	0
EXISTING SPEED LIMIT	30 MPH
RECOM. SPEED LIMIT	30 MPH
SEGMENT LENGTH	.11 MI.

LEGEND

STOP SIGNS

SPEED LIMIT SIGN

TRAFFIC SIGNAL

MPH	ROADSIDE COND.		
	61-75	0	SCHOOL <input type="checkbox"/>
	51-60	0	RESIDENCE <input type="checkbox"/>
	41-50	4	BUSINESS <input checked="" type="checkbox"/>
	31-40	625	PARKS <input type="checkbox"/>
1-30	2477	OPEN SPACE <input checked="" type="checkbox"/>	
		BIKEWAY <input checked="" type="checkbox"/>	


COMMENTS: NO STREET PARKING; OPEN SPACE TO THE EAST AND WEST;  
CLASS II BIKE LANES  
\*HOSES USED FOR SPEED SURVEY

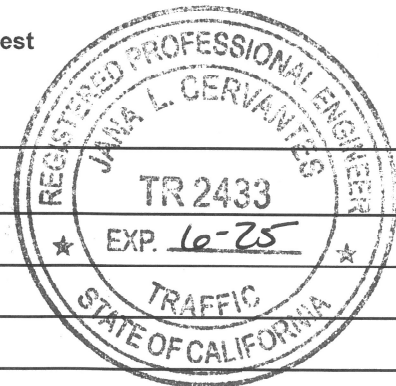
SOME RECOVERY AREA  NO RECOVERY AREA   
SCHOOL ROUTE

# City of Roseville Engineering and Traffic Survey Summary

Street: FIDELITY WAY  
Limits: BLUE OAKS BLVD  
FREEDOM WAY

Field Observer: A ZASSO  
Checked By: J CERVANTES  
Date: 4/5/2023

Factors	Direction: North/South	
<b><u>A. Prevailing Speed Data</u></b>		
Location of Survey	300' N OF FREEDOM WAY	
85th Percentile	31 MPH	
10 mph Pace	20-29 MPH	
Percent in Pace	73.9%	
Posted Speed Limit	30 MPH	
<b><u>B. Collision History</u></b>		
Date Range Covered	12/3/2019 TO 12/3/2022	( 3 years )
Total Collisions	0	
Collision Rate (Acc/MVM)	0	
Expected Collision Rate	1.68	
<b><u>C. Traffic Factors</u></b>		
Average Daily Traffic	3106	
Length of Segment	540'	
Lane Configuration	Single Lane Each Direction	
Street Classification	Collector	
<b><u>D. Conditions Not Readily Apparent</u></b>		
Conditions	See: Roadside Conditions on the Speed Zone Survey Map.	
Roadway Geometrics	Straight and level	
Comments	No street parking; open space to the east and west	
<b><u>E. Adjacent Land Use</u></b>		
	Open space	
Posted Speed Limit	30	
Speed Limit Change?	NO	
Revised Speed Limit	30	
Approved and Authorized for release by City of Roseville Traffic Engineering Department:		
		<u>12-13-2023</u> Date
		Loc.#





Direction: A to B, SB

4/5/2023	> 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	> 70 MPH	Total
12:00 AM	0	0	3	4	1	0	0	0	0	0	0	0	8
1:00	0	0	3	5	0	0	0	0	0	0	0	0	8
2:00	0	1	2	2	0	0	0	0	0	0	0	0	5
3:00	0	0	0	2	1	0	0	0	0	0	0	0	3
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	2	7	1	0	0	0	0	0	0	0	10
6:00	0	0	6	16	8	1	0	0	0	0	0	0	31
7:00	0	1	13	16	9	0	0	0	0	0	0	0	39
8:00	1	3	11	24	13	2	0	0	0	0	0	0	54
9:00	0	3	25	54	26	3	0	0	0	0	0	0	111
10:00	0	14	43	70	27	4	0	0	0	0	0	0	158
11:00	0	1	24	72	19	2	0	0	0	0	0	0	118
12:00 PM	0	4	47	69	18	0	0	0	0	0	0	0	138
1:00	1	15	49	86	18	1	0	0	0	0	0	0	170
2:00	3	18	68	88	22	0	0	0	0	0	0	0	199
3:00	5	8	46	75	25	2	1	0	0	0	0	0	162
4:00	0	7	31	67	20	2	0	0	0	0	0	0	127
5:00	1	9	42	71	13	1	0	0	0	0	0	0	137
6:00	0	5	36	93	14	2	0	0	0	0	0	0	150
7:00	0	4	24	66	27	4	0	0	0	0	0	0	125
8:00	1	2	17	50	15	0	0	0	0	0	0	0	85
9:00	2	1	11	33	10	0	0	0	0	0	0	0	57
10:00	0	0	13	17	5	0	0	0	0	0	0	0	35
11:00	0	1	7	10	4	1	0	0	0	0	0	0	23
Total	14	97	523	997	296	25	1	0	0	0	0	0	1953

Percentile	15th	50th	85th	95th
Speed	23	26	30	33
Mean Speed (Average)	26.5			
10 MPH Pace Speed	20-29			
Number in Pace	1502			
Percent in Pace	76.9%			
Number > 45 MPH	0			
Percent > 45 MPH	0.0%			

Grand Total	14	97	523	997	296	25	1	0	0	0	0	0	1953
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Stats	Percentile	15th	50th	85th	95th
	Speed	23	26	30	33
	Mean Speed (Average)	26.5			
	10 MPH Pace Speed	20-29			
	Number in Pace	1502			
	Percent in Pace	76.9%			
	Number > 45 MPH	0			
	Percent > 45 MPH	0.0%			

311 Vernon Street  
 Roseville, CA 95678  
 (916) 7461300



File Name: Data

Direction: B to A, NB

4/5/2023	> 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	> 70 MPH	Total
Time 0 - 15 MPH													
12:00 AM	2	1	3	6	2	0	0	0	0	0	0	0	14
1:00	0	0	4	6	6	0	0	0	0	0	0	0	16
2:00	0	0	3	2	1	0	0	0	0	0	0	0	6
3:00	0	0	1	0	0	0	0	0	0	0	0	0	1
4:00	0	0	2	3	0	0	0	0	0	0	0	0	5
5:00	0	0	2	1	1	0	0	0	0	0	0	0	4
6:00	0	1	2	2	1	0	0	0	0	0	0	0	6
7:00	0	3	5	2	2	0	0	1	0	0	0	0	13
8:00	0	2	4	6	0	1	0	0	0	0	0	0	13
9:00	0	0	8	12	7	0	0	0	0	0	0	0	27
10:00	1	3	9	20	10	0	0	0	0	0	0	0	43
11:00	0	4	9	36	25	4	0	0	0	0	0	0	78
12:00 PM	0	5	11	22	19	0	0	0	0	0	0	0	57
1:00	0	3	26	35	15	1	0	0	0	0	0	0	80
2:00	1	2	31	48	27	1	0	0	0	0	0	0	110
3:00	0	3	27	39	14	2	0	0	0	0	0	0	85
4:00	0	3	22	47	17	1	1	0	0	0	0	0	91
5:00	2	3	20	56	16	1	0	1	0	0	0	0	99
6:00	0	2	14	56	32	4	0	0	0	0	0	0	108
7:00	0	0	14	62	36	1	0	0	0	0	0	0	113
8:00	1	0	9	37	18	3	0	0	0	0	0	0	68
9:00	0	0	8	34	13	1	0	0	0	0	0	0	56
10:00	0	0	5	20	11	1	0	0	0	0	0	0	37
11:00	0	0	6	7	9	1	0	0	0	0	0	0	23
Total	7	35	245	559	282	22	1	2	0	0	0	0	1153

Percentile	15th	50th	85th	95th
Speed	23	28	31	34
Mean Speed (Average)	27.5			
10 MPH Pace Speed	25-34			
Number in Pace	840			
Percent in Pace	72.9%			
Number > 45 MPH	2			
Percent > 45 MPH	0.2%			

Grand Total	7	35	245	559	282	22	1	2	0	0	0	0	0	1153
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Stats	Percentile	15th	50th	85th	95th
	Speed	23	28	31	34
	Mean Speed (Average)	27.5			
	10 MPH Pace Speed	25-34			
	Number in Pace	840			
	Percent in Pace	72.9%			
	Number > 45 MPH	2			
	Percent > 45 MPH	0.2%			

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File Name: Data

Direction: Combined

4/5/2023	> 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	> 70 MPH	Total
12:00 AM	2	1	6	10	3	0	0	0	0	0	0	0	22
1:00	0	0	7	11	6	0	0	0	0	0	0	0	24
2:00	0	1	5	4	1	0	0	0	0	0	0	0	11
3:00	0	0	1	2	1	0	0	0	0	0	0	0	4
4:00	0	0	2	3	0	0	0	0	0	0	0	0	5
5:00	0	0	4	8	2	0	0	0	0	0	0	0	14
6:00	0	1	8	18	9	1	0	0	0	0	0	0	37
7:00	0	4	18	18	11	0	0	1	0	0	0	0	52
8:00	1	5	15	30	13	3	0	0	0	0	0	0	67
9:00	0	3	33	66	33	3	0	0	0	0	0	0	138
10:00	1	17	52	90	37	4	0	0	0	0	0	0	201
11:00	0	5	33	108	44	6	0	0	0	0	0	0	196
12:00 PM	0	9	58	91	37	0	0	0	0	0	0	0	195
1:00	1	18	75	121	33	2	0	0	0	0	0	0	250
2:00	4	20	99	136	49	1	0	0	0	0	0	0	309
3:00	5	11	73	114	39	4	1	0	0	0	0	0	247
4:00	0	10	53	114	37	3	1	0	0	0	0	0	218
5:00	3	12	62	127	29	2	0	1	0	0	0	0	236
6:00	0	7	50	149	46	6	0	0	0	0	0	0	258
7:00	0	4	38	128	63	5	0	0	0	0	0	0	238
8:00	2	2	26	87	33	3	0	0	0	0	0	0	153
9:00	2	1	19	67	23	1	0	0	0	0	0	0	113
10:00	0	0	18	37	16	1	0	0	0	0	0	0	72
11:00	0	1	13	17	13	2	0	0	0	0	0	0	46
Total	21	132	768	1556	578	47	2	2	0	0	0	0	3106

Percentile	15th	50th	85th	95th
Speed	23	27	31	33
Mean Speed (Average)	26.9			
10 MPH Pace Speed	20-29			
Number in Pace	2296			
Percent in Pace	73.9%			
Number > 45 MPH	2			
Percent > 45 MPH	0.1%			

Grand Total	21	132	768	1556	578	47	2	2	0	0	0	0	0	3106
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Stats	Percentile	15th	50th	85th	95th
	Speed	23	27	31	33
	Mean Speed (Average)	26.9			
	10 MPH Pace Speed	20-29			
	Number in Pace	2296			
	Percent in Pace	73.9%			
	Number > 45 MPH	2			
	Percent > 45 MPH	0.1%			

