

B:\Public Works\Traffic\Speed Surveys\2022\Reports\50% Reports\Bob Doyle Dr - Westpark Dr to Kennerleigh Pkwy\Bob Doyle Dr.- Kennerleigh to



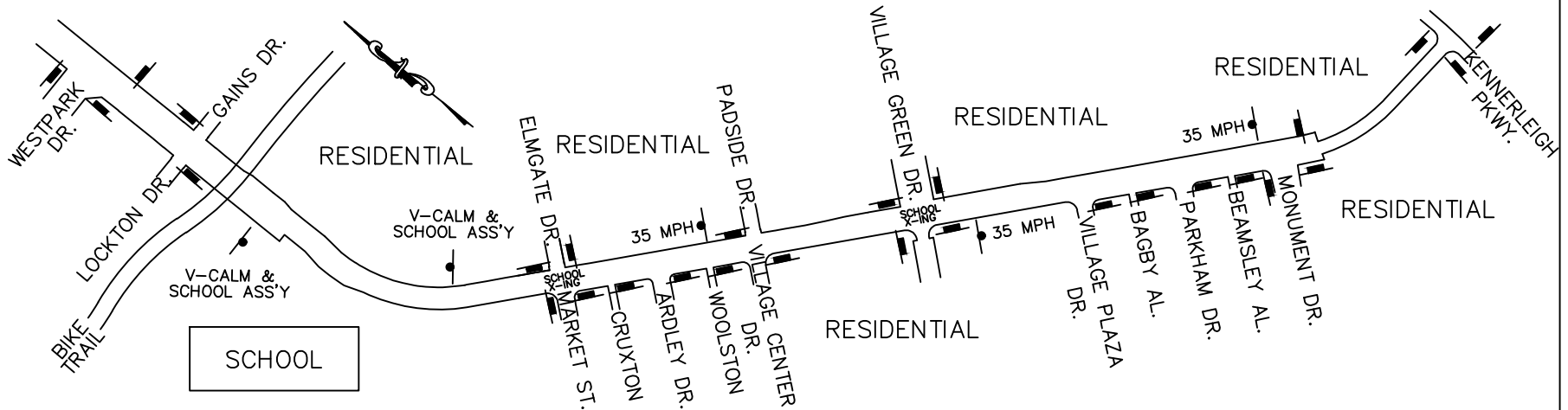
PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:

BOB DOYLE DR.
Kennerleigh to Westpark

STRIP MAP



ROADWAY WIDTH	40'
NO. OF LANES	2
ADT	5032
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	32.3
PACE SPEED	25-34 MPH
3-YEAR ACCIDENT HISTORY	2
EXISTING SPEED LIMIT	35 MPH
RECOM. SPEED LIMIT	30 MPH
SEGMENT LENGTH	.85 MI.

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH	61-75	0	ROADSIDE COND.	
	51-60	1		SCHOOL <input checked="" type="checkbox"/>
	41-50	24		RESIDENCE <input checked="" type="checkbox"/>
	31-40	1520		BUSINESS <input type="checkbox"/>
	1-30	3487		PARKS <input type="checkbox"/>
			OPEN SPACE <input type="checkbox"/>	
			BIKEWAY <input checked="" type="checkbox"/>	

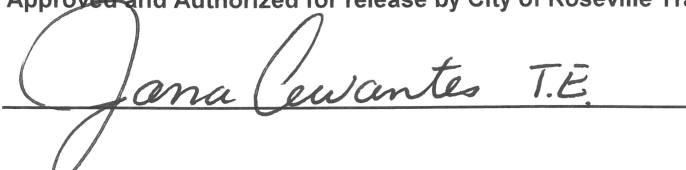
COMMENTS: NO PARKING ON NE SIDE OF STREET. HOSES USED TO ACQUIRE ADT AND CRITICAL SPEED	SOME RECOVERY AREA <input type="checkbox"/> NO RECOVERY AREA <input checked="" type="checkbox"/>
	SCHOOL ROUTE <input checked="" type="checkbox"/>

City of Roseville Engineering and Traffic Survey

Summary

Street: BOB DOYLE DR
Limits: WESTPARK DR
KENNERLEIGH PKWY

Field Observer: AJ & AZ
Checked By: J. CERVANTES
Date: 9/29/2022

Factors	Direction: EB/WB	
<u>A. Prevailing Speed Data</u>		
Location of Survey	325 Ft NW of Market St	
85th Percentile	32.3 MPH	
10 mph Pace	25-34	
Percent in Pace	60.2%	
Posted Speed Limit	35	
<u>B. Collision History</u>		
Date Range Covered	8/21/2019 to 8/21/2022	(3 YEARS)
Total Collisions	2	
Collision Rate (Acc/MVM)	0.43	
Expected Collision Rate	2.95	
<u>C. Traffic Factors</u>		
Average Daily Traffic	5032	
Length of Segment	4506	
Lane Configuration	Single Lane Each Direction	
Street Classification	Collector	
<u>D. Conditions Not Readily Apparent</u>		
Conditions	See: Roadside Conditions on Speed Zone Survey Map	
Roadway Geometrics	Horizontal Curve	
Comments	Numerous residential streets; School Route; Limited Sight Distance, Class II bike lanes, High Collision Rate due to low daily traffic.	
<u>E. Adjacent Land Use</u>		
	Single family residential	
Posted Speed Limit	35	
Speed Limit Change?	Yes	
Revised Speed Limit	30	
Approved and Authorized for release by City of Roseville Traffic Engineering Department:		
		<u>10-6-2022</u> Date
		Loc.#

311 Vernon Street
 Roseville, CA 95678
 (916) 7461300



File Name: Bob Doyle Drive

Direction: A to B, NB

9/28/2022	> 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	1	1	2	0	0	0	0	0	0	0	4
1:00	0	0	1	0	1	1	0	0	0	0	0	0	3
2:00	0	0	0	0	2	0	0	0	0	0	0	0	2
3:00	0	0	0	2	2	0	0	0	0	0	0	0	4
4:00	0	0	1	5	6	0	0	0	0	0	0	0	12
5:00	0	2	3	11	18	7	0	0	0	0	0	0	41
6:00	9	23	57	72	33	1	0	0	0	0	0	0	195
7:00	3	4	16	39	43	9	1	0	0	0	0	0	115
8:00	1	1	14	119	96	15	0	0	0	0	0	0	246
9:00	0	0	3	22	30	4	1	0	0	0	0	0	60
10:00	2	0	8	35	38	8	0	0	0	0	0	0	91
11:00	3	11	39	61	35	5	0	0	0	0	0	0	154
12:00 PM	7	16	33	34	15	6	0	0	0	0	0	0	111
1:00	0	4	12	41	37	7	0	0	0	0	0	0	101
2:00	6	10	49	130	96	11	0	0	0	0	0	0	302
3:00	9	51	86	71	7	1	0	0	0	0	0	0	225
4:00	10	46	128	84	7	0	0	0	0	0	0	0	275
5:00	7	10	24	69	63	10	1	0	0	0	0	0	184
6:00	0	2	10	65	58	12	0	0	0	0	0	0	147
7:00	0	0	8	42	34	6	3	1	0	0	0	0	94
8:00	0	1	2	25	25	2	0	0	0	0	0	0	55
9:00	0	0	3	11	7	1	0	0	1	0	0	0	23
10:00	0	0	2	4	6	3	0	0	0	0	0	0	15
11:00	0	0	0	2	4	0	0	0	0	0	0	0	6
Total	57	181	500	945	665	109	6	1	1	0	0	0	2465

Percentile	15th	50th	85th	95th
Speed	21.6	27.7	32.5	34.8
Mean Speed (Average)	27.2			
10 MPH Pace Speed	25-34			
Number in Pace	1607			
Percent in Pace	65.2%			
Number > 45 MPH	2			
Percent > 45 MPH	0.1%			

Grand Total	57	181	500	945	665	109	6	1	1	0	0	0	0	2465
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Stats	Percentile	15th	50th	85th	95th
	Speed	21.6	27.7	32.5	34.8
	Mean Speed (Average)	27.2			
	10 MPH Pace Speed	25-34			
	Number in Pace	1607			
	Percent in Pace	65.2%			
	Number > 45 MPH	2			
	Percent > 45 MPH	0.1%			

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File Name: Bob Doyle Drive

Direction: B to A, SB

9/28/2022	> 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	0	0	3	0	0	0	0	0	0	0	3
1:00	0	0	0	1	0	2	0	0	0	0	0	0	3
2:00	0	0	0	0	4	1	0	0	0	0	0	0	5
3:00	0	0	2	4	3	2	1	0	0	0	0	0	12
4:00	0	0	1	7	12	4	0	0	0	0	0	0	24
5:00	0	2	2	14	31	9	4	2	0	0	0	0	64
6:00	44	66	15	38	44	4	0	0	0	0	0	0	211
7:00	28	18	14	38	51	13	1	0	0	0	0	0	163
8:00	2	9	32	132	59	11	0	0	0	0	0	0	245
9:00	0	3	5	28	29	8	1	0	0	0	0	0	74
10:00	2	7	8	17	31	11	2	0	0	0	0	0	78
11:00	5	12	23	31	19	7	0	0	0	0	0	0	97
12:00 PM	30	31	20	21	20	4	0	0	0	0	0	0	126
1:00	3	23	8	43	44	16	0	0	0	0	0	0	137
2:00	2	37	52	100	53	9	1	0	0	0	0	0	254
3:00	18	47	75	48	12	0	1	0	0	0	0	0	201
4:00	16	96	79	91	7	0	0	0	0	0	0	0	289
5:00	11	40	42	68	66	10	0	0	0	0	0	0	237
6:00	1	14	18	34	37	9	1	0	0	0	0	0	114
7:00	1	6	7	69	55	7	0	0	0	0	0	0	145
8:00	0	6	3	23	17	3	0	1	0	0	0	0	53
9:00	0	0	0	7	10	4	1	0	0	0	0	0	22
10:00	0	0	1	2	1	1	1	0	0	0	0	0	6
11:00	0	0	0	1	1	2	0	0	0	0	0	0	4
Total	163	417	407	817	609	137	14	3	0	0	0	0	2567

Percentile	15th	50th	85th	95th
Speed	17.8	27	32.2	35.2
Mean Speed (Average)	25.7			
10 MPH Pace Speed	25-34			
Number in Pace	1422			
Percent in Pace	55.4%			
Number > 45 MPH	3			
Percent > 45 MPH	0.1%			

Grand Total	163	417	407	817	609	137	14	3	0	0	0	0	0	2567
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Stats	Percentile	15th	50th	85th	95th
	Speed	17.8	27	32.2	35.2
	Mean Speed (Average)	25.7			
	10 MPH Pace Speed	25-34			
	Number in Pace	1422			
	Percent in Pace	55.4%			
	Number > 45 MPH	3			
	Percent > 45 MPH	0.1%			

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File Name: Bob Doyle Drive

Direction: Combined

9/28/2022	> 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	1	1	5	0	0	0	0	0	0	0	7
1:00	0	0	1	1	1	3	0	0	0	0	0	0	6
2:00	0	0	0	0	6	1	0	0	0	0	0	0	7
3:00	0	0	2	6	5	2	1	0	0	0	0	0	16
4:00	0	0	2	12	18	4	0	0	0	0	0	0	36
5:00	0	4	5	25	49	16	4	2	0	0	0	0	105
6:00	53	89	72	110	77	5	0	0	0	0	0	0	406
7:00	31	22	30	77	94	22	2	0	0	0	0	0	278
8:00	3	10	46	251	155	26	0	0	0	0	0	0	491
9:00	0	3	8	50	59	12	2	0	0	0	0	0	134
10:00	4	7	16	52	69	19	2	0	0	0	0	0	169
11:00	8	23	62	92	54	12	0	0	0	0	0	0	251
12:00 PM	37	47	53	55	35	10	0	0	0	0	0	0	237
1:00	3	27	20	84	81	23	0	0	0	0	0	0	238
2:00	8	47	101	230	149	20	1	0	0	0	0	0	556
3:00	27	98	161	119	19	1	1	0	0	0	0	0	426
4:00	26	142	207	175	14	0	0	0	0	0	0	0	564
5:00	18	50	66	137	129	20	1	0	0	0	0	0	421
6:00	1	16	28	99	95	21	1	0	0	0	0	0	261
7:00	1	6	15	111	89	13	3	1	0	0	0	0	239
8:00	0	7	5	48	42	5	0	1	0	0	0	0	108
9:00	0	0	3	18	17	5	1	0	1	0	0	0	45
10:00	0	0	3	6	7	4	1	0	0	0	0	0	21
11:00	0	0	0	3	5	2	0	0	0	0	0	0	10
Total	220	598	907	1762	1274	246	20	4	1	0	0	0	5032

Percentile	15th	50th	85th	95th
Speed	19.5	27.4	32.3	35.1
Mean Speed (Average)	26.4			
10 MPH Pace Speed	25-34			
Number in Pace	3029			
Percent in Pace	60.2%			
Number > 45 MPH	5			
Percent > 45 MPH	0.1%			

Grand Total	220	598	907	1762	1274	246	20	4	1	0	0	0	0	5032
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Stats	Percentile	15th	50th	85th	95th
	Speed	19.5	27.4	32.3	35.1
	Mean Speed (Average)	26.4			
	10 MPH Pace Speed	25-34			
	Number in Pace	3029			
	Percent in Pace	60.2%			
	Number > 45 MPH	5			
	Percent > 45 MPH	0.1%			

