

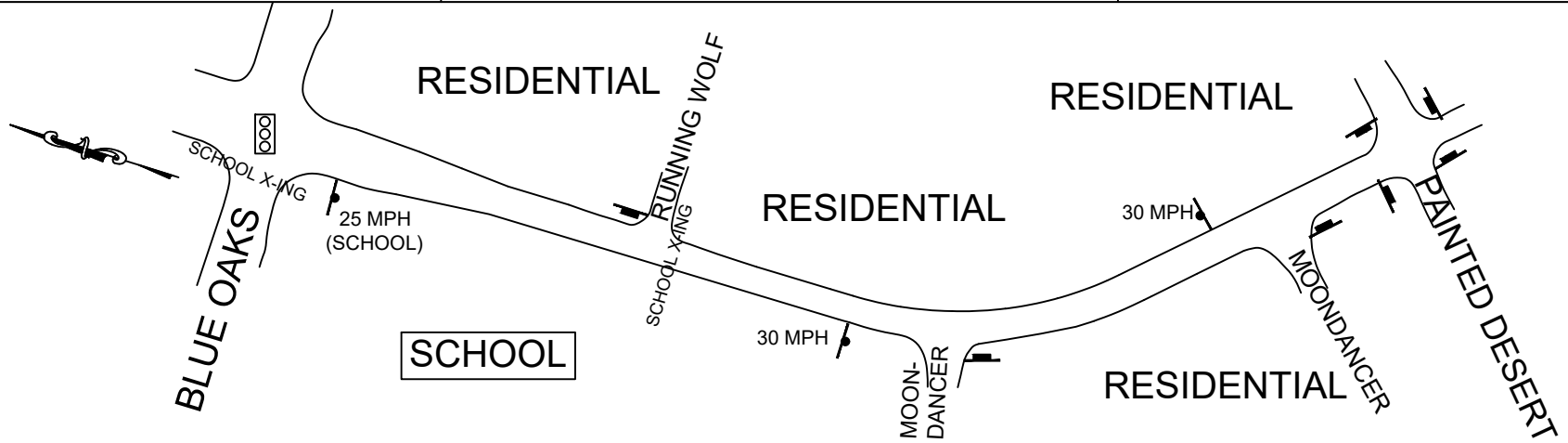


PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP  
SPEED ZONE SURVEY

ROAD NAME:  
**PRAIRIE WOODS WY**  
BLUE OAKS TO PAINTED DESERT

STRIP MAP



ROADWAY WIDTH	42'
NO. OF LANES	2
AADT	1258
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	32 MPH
PACE SPEED	13.5-22.5 MPH
3-YEAR ACCIDENT HISTORY	0
EXISTING SPEED LIMIT	30 MPH
RECOM. SPEED LIMIT	30 MPH
SEGMENT LENGTH	.30 MI.

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH	61-75	0*	ROADSIDE COND. SCHOOL <input checked="" type="checkbox"/> RESIDENCE <input checked="" type="checkbox"/> BUSINESS <input type="checkbox"/> PARKS <input type="checkbox"/> OPEN SPACE <input type="checkbox"/> BIKEWAY <input checked="" type="checkbox"/>
	51-60	1*	
	41-50	14*	
	31-40	275*	
	1-30	968*	


COMMENTS: NO PARKING ON BOTH SIDES OF STREET.  
\*HOSES USED FOR SPEED SURVEY. TOTAL VOLUME EQUALS 1258.

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: PRAIRIE WOODS WY  
Limits: BLUE OAKS BL  
PAINTED DESERT DR

Field Observer: HC RY  
Checked By: J CERVANTES  
Date: 09/03/2020

<b>Factors</b>	<b>Direction: North/South</b>	
<b><u>A. Prevailing Speed Data</u></b>		
Location of Survey	360' North of Painted Desert	
85th Percentile	32	
10 mph Pace	13.5-22.5	
Percent in Pace	42.2%	
Posted Speed Limit	30	
<b><u>B. Collision History</u></b>		
Date Range Covered	5/15/2017 to 5/15/2020	( 3 years )
Total Collisions	0	
Collision Rate (Acc/MVM)	0	
Expected Collision Rate	2.95	
<b><u>C. Traffic Factors</u></b>		
Average Daily Traffic	1258	
Length of Segment	1574	
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	Horizontal Curve	
Comments	Class II bike lanes; School; School route; Residential characteristics.	
<b><u>E. Adjacent Land Use</u></b>		
	Single Family Residential	
Posted Speed Limit	30	
Speed Limit Change?	No	
Revised Speed Limit		
Approved and Authorized for release by City of Roseville Traffic Engineering Department:		
 <hr style="width: 100%;"/>		<u>12-1-2020</u> Date
		Loc.#

**City of Roseville**  
 311 Vernon Street  
 Roseville, CA 95678  
 (916) 746-1300

Site Code: **PRAIRIE WOODS WAY**  
 Station ID:

Latitude: 0' 0.0000 Undefined

**NB**

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
09/03/20	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	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	39	39
04:00	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4	33	34
05:00	1	1	2	3	5	1	1	0	0	0	0	0	0	0	14	34	41
06:00	3	0	4	2	6	2	0	0	0	0	0	0	0	0	17	34	37
07:00	4	1	6	13	12	4	0	0	0	0	0	0	0	0	40	34	37
08:00	<b>83</b>	2	<b>15</b>	13	1	1	1	0	0	0	0	0	0	0	116	24	28
09:00	83	12	7	10	8	4	1	0	0	0	0	0	0	0	125	27	34
10:00	58	<b>21</b>	10	<b>16</b>	5	1	0	0	0	0	0	0	0	0	111	26	30
11:00	73	17	12	15	<b>14</b>	0	0	0	0	0	0	0	0	0	<b>131</b>	28	32
12 PM	<b>51</b>	<b>13</b>	<b>18</b>	13	6	4	1	0	0	0	0	0	0	0	<b>106</b>	28	34
13:00	20	2	3	10	9	<b>7</b>	1	0	0	0	0	0	0	0	52	35	38
14:00	26	1	2	8	9	4	0	0	0	0	0	0	0	0	50	33	36
15:00	6	2	3	<b>15</b>	10	1	0	<b>1</b>	0	0	0	0	0	0	38	33	35
16:00	0	0	2	4	<b>14</b>	4	<b>2</b>	0	0	0	0	0	0	0	26	37	41
17:00	2	2	0	7	10	4	1	0	0	0	0	0	0	0	26	36	39
18:00	3	0	2	7	2	2	0	0	<b>1</b>	0	0	0	0	0	17	36	50
19:00	2	0	3	4	1	1	0	0	0	0	0	0	0	0	11	31	37
20:00	1	0	1	3	2	0	1	0	0	0	0	0	0	0	8	34	42
21:00	0	0	1	3	3	3	1	0	0	0	0	0	0	0	11	38	42
22:00	2	0	0	0	1	0	0	0	0	0	0	0	0	0	3	32	34
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
<b>Total</b>	<b>418</b>	<b>74</b>	<b>91</b>	<b>148</b>	<b>120</b>	<b>44</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>907</b>		
<b>Percent</b>	<b>46.1%</b>	<b>8.2%</b>	<b>10.0%</b>	<b>16.3%</b>	<b>13.2%</b>	<b>4.9%</b>	<b>1.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	08:00	10:00	08:00	10:00	11:00	07:00	05:00										11:00
Vol.	83	21	15	16	14	4	1										131
PM Peak	12:00	12:00	12:00	15:00	16:00	13:00	16:00	15:00	18:00								12:00
Vol.	51	13	18	15	14	7	2	1	1								106
<b>Grand Total</b>	<b>418</b>	<b>74</b>	<b>91</b>	<b>148</b>	<b>120</b>	<b>44</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>907</b>		
<b>Percent</b>	<b>46.1%</b>	<b>8.2%</b>	<b>10.0%</b>	<b>16.3%</b>	<b>13.2%</b>	<b>4.9%</b>	<b>1.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 4 MPH  
 50th Percentile : 17 MPH  
**85th Percentile : 31 MPH**  
 95th Percentile : 36 MPH

Statistics  
 10 MPH Pace Speed : 1-10 MPH  
 Number in Pace : 279  
 Percent in Pace : 30.8%  
 Number of Vehicles > 55 MPH : 0  
 Percent of Vehicles > 55 MPH : 0.0%  
 Mean Speed(Average) : 19 MPH

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**SB**

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
09/03/20	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	24	24
01:00	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	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	29	29
05:00	2	0	1	1	0	1	0	0	0	0	0	0	0	0	5	36	38
06:00	2	0	3	6	5	0	0	0	0	0	0	0	0	0	16	32	34
07:00	5	3	1	6	4	1	0	0	0	0	0	0	0	0	20	32	35
08:00	12	0	3	6	2	0	0	1	0	0	0	0	0	0	24	29	34
09:00	9	0	3	3	4	1	1	0	0	0	0	0	0	0	21	33	39
10:00	15	1	5	7	4	1	1	0	0	0	0	0	0	0	34	31	36
11:00	7	0	6	8	10	1	0	0	0	0	0	0	0	0	32	33	34
12 PM	12	1	5	4	7	1	0	0	0	0	0	0	0	0	30	32	34
13:00	2	0	3	10	7	1	0	0	0	0	0	0	0	0	23	33	34
14:00	2	0	1	6	4	5	0	0	0	0	0	0	0	0	18	37	39
15:00	5	0	6	9	4	3	0	0	0	0	0	0	0	0	27	33	37
16:00	0	0	1	10	10	4	0	0	0	0	0	0	0	0	25	35	38
17:00	0	0	1	6	8	1	0	0	0	0	0	0	0	0	16	34	35
18:00	3	1	3	8	7	3	0	0	0	0	0	0	0	0	25	34	37
19:00	0	1	3	5	4	0	0	0	0	0	0	0	0	0	13	32	34
20:00	1	0	3	3	1	0	0	0	0	0	0	0	0	0	8	29	32
21:00	1	0	1	1	5	0	0	0	0	0	0	0	0	0	8	33	34
22:00	1	0	1	0	2	0	0	0	0	0	0	0	0	0	4	33	34
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
<b>Total</b>	79	7	51	100	88	23	2	1	0	0	0	0	0	0	351		
<b>Percent</b>	22.5%	2.0%	14.5%	28.5%	25.1%	6.6%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	07:00	11:00	11:00	11:00	05:00	09:00	08:00							10:00		
Vol.	15	3	6	8	10	1	1	1							34		
PM Peak	12:00	12:00	15:00	13:00	16:00	14:00									12:00		
Vol.	12	1	6	10	10	5									30		
<b>Grand Total</b>	79	7	51	100	88	23	2	1	0	0	0	0	0	0	351		
<b>Percent</b>	22.5%	2.0%	14.5%	28.5%	25.1%	6.6%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 9 MPH  
 50th Percentile : 26 MPH  
**85th Percentile : 33 MPH**  
 95th Percentile : 36 MPH

Statistics  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 188  
 Percent in Pace : 53.6%  
 Number of Vehicles > 55 MPH : 0  
 Percent of Vehicles > 55 MPH : 0.0%  
 Mean Speed(Average) : 25 MPH