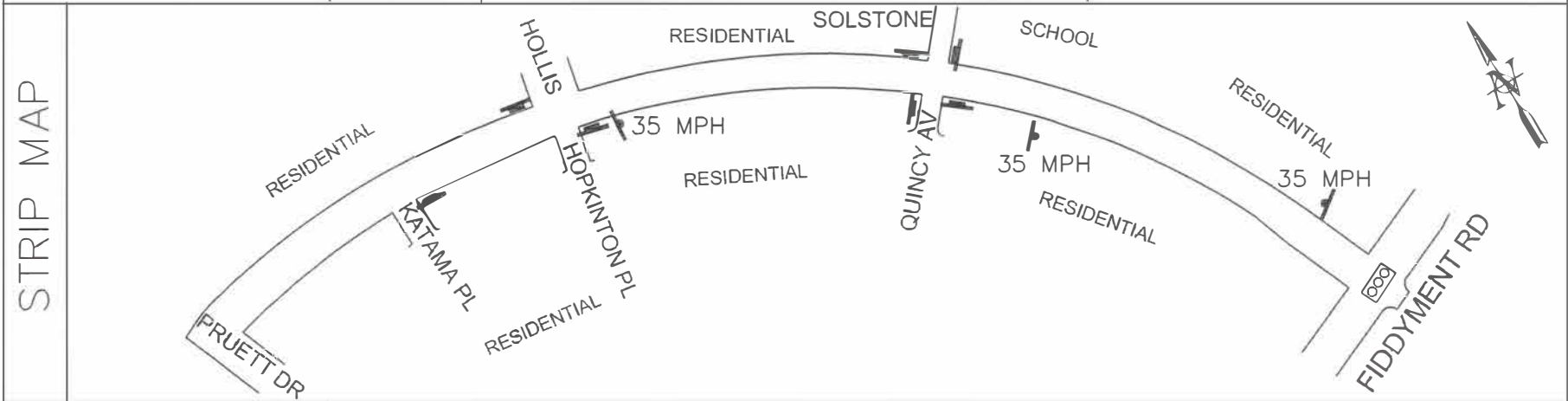




PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:
N. HAYDEN PKWY
FIDDYMENT RD.
TO
HOLLIS WAY



ROADWAY WIDTH	48'
NO. OF LANES	2
ADT	2443
DIVIDER TYPE	RAISED
CRITICAL SPEED (85th %)	42 MPH
PACE SPEED	31-40 MPH
3-YEAR ACCIDENT HISTORY	0
EXISTING SPEED LIMIT	PRIMA FACIE 55 MPH
RECOM. SPEED LIMIT	35 MPH
SEGMENT LENGTH	0.48 MI

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH	61-75	0	ROADSIDE COND.	
	51-60	23		SCHOOL <input checked="" type="checkbox"/>
	41-50	615		RESIDENCE <input checked="" type="checkbox"/>
	31-40	1448		BUSINESS <input type="checkbox"/>
	1-30	357		PARKS <input type="checkbox"/>
			OPEN SPACE <input type="checkbox"/>	
			BIKEWAY <input checked="" type="checkbox"/>	

COMMENTS:

SOME RECOVERY AREA NO RECOVERY AREA

SCHOOL ROUTE

B:\COMMUNITYDEVELOPMENT\ENGINEERING\PW-TRAFFIC\SPEED SURVEYS\2020\CAD MAPS

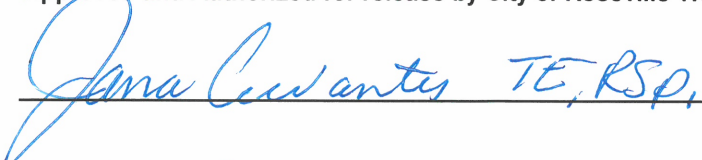
2020 SPEED SURVEYS

City of Roseville Engineering and Traffic Survey

Summary

Street: N. HAYDEN PKWY
Limits: FIDDYMENT PKWY
HOLLIS WAY

Field Observer: HC RY
Checked By: J CERVANTES
Date: 09/16/2020

Factors	Direction: East/West
<u>A. Prevailing Speed Data</u>	
Location of Survey	750' WEST OF FIDDYMENT RD
85th Percentile	42 MPH
10 mph Pace	31-40 MPH
Percent in Pace	59.3%
Posted Speed Limit	N/A
<u>B. Collision History</u>	
Date Range Covered	05/17/2017 to 05/17/2020 (3 years)
Total Collisions	0
Collision Rate (Acc/MVM)	0.00
Expected Collision Rate	2.95
<u>C. Traffic Factors</u>	
Average Daily Traffic	2443
Length of Segment	0.48 MI
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 Curves
Comments	School route.
<u>E. Adjacent Land Use</u>	
	Commercial
Posted Speed Limit	35
Speed Limit Change?	No
Revised Speed Limit	
Approved and Authorized for release by City of Roseville Traffic Engineering Department:	
 <u>J. Cervantes TE, RSP,</u>	<u>12-1-2020</u> Date
	Loc.#

City of Roseville

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

Site Code: N. HAYDEN PKWY
Station ID:

Latitude: 0' 0.0000 Undefined

WB	Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	85th Percent	95th Percent
	09/16/20	0	1	0	1	0	0	1	0	0	0	0	0	0	0	3	42	44
	01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	34	34
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	34	34
	04:00	0	0	0	1	1	1	2	0	0	0	0	0	0	0	5	43	44
	05:00	0	0	1	19	30	30	19	2	0	0	0	0	0	0	101	41	44
	06:00	1	0	3	20	24	24	13	3	0	0	0	0	0	0	88	41	44
	07:00	0	0	2	6	20	31	14	3	0	0	0	0	0	0	76	42	44
	08:00	2	2	5	14	18	15	10	0	0	0	0	0	0	0	66	40	43
	09:00	3	0	0	14	14	23	9	4	0	0	0	0	0	0	67	41	45
	10:00	1	0	2	7	17	30	12	2	0	0	0	0	0	0	71	41	44
	11:00	3	0	2	7	16	31	19	2	0	0	0	0	0	0	80	42	44
	12 PM	1	0	0	4	13	29	13	4	2	1	0	0	0	0	67	43	49
	13:00	3	0	5	5	13	18	17	2	0	0	0	0	0	0	63	42	44
	14:00	0	0	1	8	6	17	19	4	1	0	0	0	0	0	56	44	47
	15:00	1	0	0	2	21	38	19	6	0	0	0	0	0	0	87	43	46
	16:00	2	0	1	3	28	59	29	6	2	0	0	0	0	0	130	43	46
	17:00	0	1	0	1	13	32	23	4	0	0	0	0	0	0	74	43	45
	18:00	1	0	0	1	19	19	15	1	0	0	0	0	0	0	56	42	44
	19:00	0	0	0	5	8	19	4	0	0	0	0	0	0	0	36	39	42
	20:00	0	0	1	0	3	12	4	0	0	0	0	0	0	0	20	41	43
	21:00	0	0	0	3	3	10	1	0	0	0	0	0	0	0	17	39	40
	22:00	0	0	0	0	5	3	1	0	0	0	0	0	0	0	9	39	42
	23:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	47	49
	Total	18	4	23	121	274	442	245	44	5	1	0	0	0	0	1177		
	Percent	1.5%	0.3%	2.0%	10.3%	23.3%	37.6%	20.8%	3.7%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%			
	AM Peak	09:00	08:00	08:00	06:00	05:00	07:00	05:00	09:00							05:00		
	Vol.	3	2	5	20	30	31	19	4							101		
	PM Peak	13:00	17:00	13:00	14:00	16:00	16:00	16:00	15:00	12:00	12:00					16:00		
	Vol.	3	1	5	8	28	59	29	6	2	1					130		
	Grand Total	18	4	23	121	274	442	245	44	5	1	0	0	0	0	1177		
	Percent	1.5%	0.3%	2.0%	10.3%	23.3%	37.6%	20.8%	3.7%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 30 MPH
50th Percentile : 36 MPH
85th Percentile : 42 MPH
95th Percentile : 44 MPH

Statistics
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 716
Percent in Pace : 60.8%
Number of Vehicles > 55 MPH : 1
Percent of Vehicles > 55 MPH : 0.1%
Mean Speed(Average) : 36 MPH

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

Site Code: N. HAYDEN PKWY
 Station ID:

Latitude: 0' 0.0000 Undefined

EB	Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	85th Percent	95th Percent	
09/16/20		0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	39	39	
01:00		0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	38	39	
02:00		0	0	0	0	2	1	2	0	0	0	0	0	0	0	5	43	44	
03:00		0	0	0	1	0	0	3	0	0	0	0	0	0	0	4	44	44	
04:00		0	0	0	1	3	3	7	1	0	0	0	0	0	0	15	44	46	
05:00		0	0	1	2	3	19	7	1	0	0	0	0	0	0	33	42	44	
06:00		1	0	5	8	24	29	16	2	1	0	0	0	0	0	86	41	44	
07:00		0	0	7	6	19	37	17	4	1	0	0	0	0	0	91	42	45	
08:00		2	0	5	11	15	22	20	2	0	0	0	0	0	0	77	42	44	
09:00		2	1	4	12	19	30	11	3	0	0	0	0	0	0	82	40	44	
10:00		5	1	2	12	20	22	12	4	0	0	0	0	0	0	78	41	45	
11:00		8	0	3	12	27	24	23	2	1	0	0	0	0	0	100	42	44	
12 PM		3	0	0	4	16	30	18	5	1	1	0	0	0	0	78	43	48	
13:00		5	0	0	11	26	31	12	6	2	1	0	0	0	0	94	42	48	
14:00		2	0	5	5	26	41	18	5	0	2	0	0	0	0	104	42	46	
15:00		6	0	0	4	16	40	28	4	2	0	0	0	0	0	100	43	46	
16:00		3	0	0	3	13	51	30	8	3	0	0	0	0	0	111	44	48	
17:00		3	0	1	4	15	21	21	2	1	0	0	0	0	0	68	43	44	
18:00		0	0	0	7	27	32	11	5	0	0	0	0	0	0	82	41	45	
19:00		0	1	0	5	5	6	7	2	1	0	0	0	0	0	27	44	49	
20:00		0	0	0	1	4	2	3	1	0	0	0	0	0	0	11	43	47	
21:00		0	0	0	2	2	2	1	1	0	0	0	0	0	0	8	43	47	
22:00		2	0	0	2	0	1	0	1	0	0	0	0	0	0	6	45	48	
23:00		0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	38	39	
Total		42	3	33	113	284	448	267	59	13	4	0	0	0	0	1266			
Percent		3.3%	0.2%	2.6%	8.9%	22.4%	35.4%	21.1%	4.7%	1.0%	0.3%	0.0%	0.0%	0.0%	0.0%				
AM Peak	11:00	09:00	07:00	09:00	11:00	07:00	11:00	07:00	06:00							11:00			
Vol.	8	1	7	12	27	37	23	4	1							100			
PM Peak	15:00	19:00	14:00	13:00	18:00	16:00	16:00	16:00	16:00	14:00						16:00			
Vol.	6	1	5	11	27	51	30	8	3	2						111			
Grand Total		42	3	33	113	284	448	267	59	13	4	0	0	0	0	1266			
Percent		3.3%	0.2%	2.6%	8.9%	22.4%	35.4%	21.1%	4.7%	1.0%	0.3%	0.0%	0.0%	0.0%	0.0%				
				15th Percentile :	29 MPH														
				50th Percentile :	36 MPH														
				85th Percentile :	42 MPH														
				95th Percentile :	46 MPH														
Statistics		10 MPH Pace Speed :	31-40 MPH																
		Number in Pace :	732																
		Percent in Pace :	57.8%																
		Number of Vehicles > 55 MPH :	4																
		Percent of Vehicles > 55 MPH :	0.3%																
		Mean Speed(Average) :	36 MPH																