


November 22, 2023

EXTENSION OF EXISTING ENGINEERING AND TRAFFIC SURVEYS

Roadway: Antelope Creek Drive from Creekside Ridge Drive to End

Taken from section 11.28.010 (Speed Zones) of the City of Roseville Municipal Code, the Engineering and Traffic Survey for Antelope Creek Drive from Creekside Ridge Drive to End, dated December 21, 2017, would expire in the near future without review and approval by the City of Roseville to extend the period that the survey data is valid. After conducting a review of the existing engineering and traffic survey and a field review of the identified road by a professional engineer, the City of Roseville Department of Public Works has determined that no significant changes in roadway or traffic conditions have occurred on this road. Therefore, in accordance with the California Vehicle Code Section 40802 (c)(2)(B)(i)(II), the existing engineering and traffic survey will be extended to Fourteen years; until December 21, 2031.


Jana Cervantes, T.E.
Senior Engineer
Public Works Department
City of Roseville





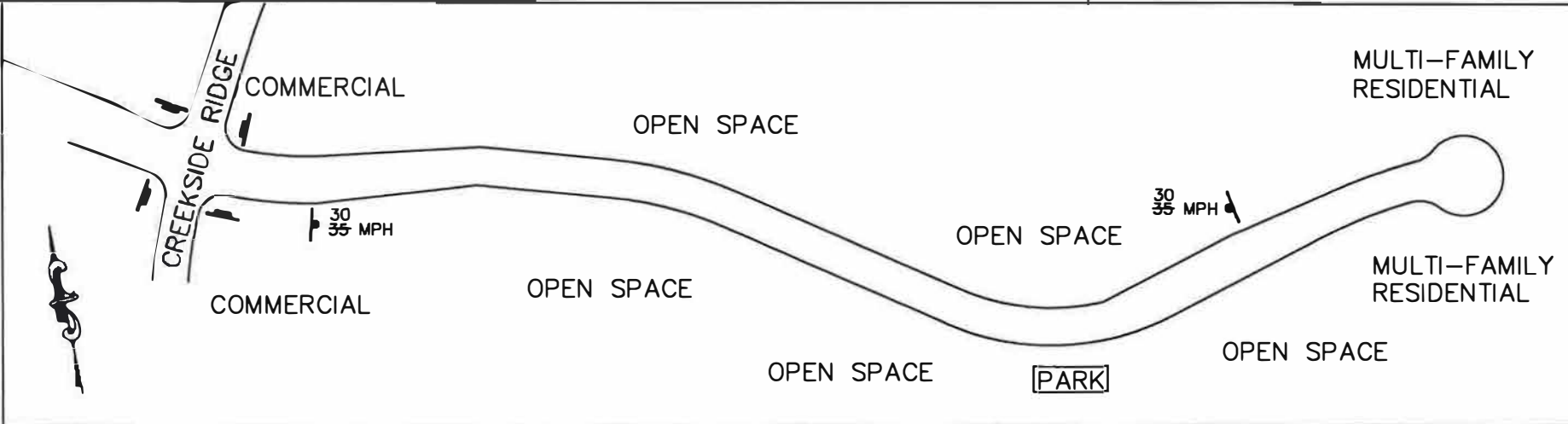
PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:

ANTELOPE CREEK DR
CREEKSIDE RIDGE DR TO END

STRIP MAP



ROADWAY WIDTH	32'
NO. OF LANES	2
ADT	3,106
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	34 MPH
PACE SPEED	26-35 MPH
3-YEAR ACCIDENT HISTORY	3
EXISTING SPEED LIMIT	35 MPH
RECOM. SPEED LIMIT	30 MPH
SEGMENT LENGTH	.33 MI

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH	61-75	0	ROADSIDE COND. SCHOOL <input type="checkbox"/> RESIDENCE <input checked="" type="checkbox"/> BUSINESS <input checked="" type="checkbox"/> PARKS <input checked="" type="checkbox"/> OPEN SPACE <input checked="" type="checkbox"/> BIKEWAY <input checked="" type="checkbox"/>
	51-60	2	
	41-50	24	
	31-40	1334	
	1-30	1746	

COMMENTS: NO PARKING ON BOTH SIDES OF STREET.
HOSES USED FOR SPEED SURVEY. TOTAL VOLUME = 3106.

SOME RECOVERY AREA NO RECOVERY AREA
SCHOOL ROUTE

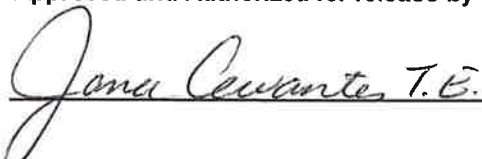
T:\Speed Surveys\2017\Maps\Antelope Creek Dr - Creekside Ridge Dr to Ending

2017 Traffic Engineering and Speed Map-Speed Zone Survey

City of Roseville
Engineering and Traffic Survey
Summary

Street: ANTELOPE CREEK DR
 Limits: CREEKSIDE RIDGE DR
END

Field Observer: J PASTOR
 Checked By: J CERVANTES
 Date: 12/21/2017

Factors	Direction: North/South	
<u>A. Prevailing Speed Data</u>		
Location of Survey	1100' E of Creekside Ridge Dr	
85th Percentile	34.0 MPH	
10 mph Pace	26-35 MPH	
Percent in Pace	76.3%	
Posted Speed Limit	35 MPH	
<u>B. Collision History</u>		
Date Range Covered	11/01/2014 to 10/31/2017	(3 years)
Total Collisions	4	
Collision Rate (Acc/MVM)	2.518	
Expected Collision Rate	2.95	
<u>C. Traffic Factors</u>		
Average Daily Traffic	3106	
Length of Segment	1848'	
Lane Configuration	Single Lane Each Direction	
Street Classification	Collector	
<u>D. Conditions Not Readily Apparent</u>		
Conditions	See: Roadside Conditions on the Speed Zone Survey Map.	
Roadway Geometrics	Vertical and Horizontal curves	
Comments	Limited visibility; High accident rate; Class II bike lanes	
<u>E. Adjacent Land Use</u>		
	Open space and multi-family residential	
Posted Speed Limit	35 MPH	
Speed Limit Change?	Yes	
Revised Speed Limit	30	
Approved and Authorized for release by City of Roseville Traffic Engineering Department:		
 _____		<u>2-2-18</u> Date
		Loc.#

City of Roseville

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

Site Code: Antelope Creek

WB	Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	999	Total	Pace Speed	Number in Pace
12/21/17	0	2	0	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	24-33	5	
01:00	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	31-40	3	
02:00	0	1	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	15-24	3	
03:00	0	0	0	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	26-35	8	
04:00	0	0	2	3	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	26-35	9	
05:00	0	0	2	8	11	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	26-35	19	
06:00	0	0	6	21	33	9	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	26-35	54	
07:00	3	2	11	58	58	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	144	26-35	116	
08:00	2	0	12	48	52	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	26-35	100	
09:00	0	0	8	39	27	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	26-35	66	
10:00	0	0	9	32	33	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	26-35	65	
11:00	3	3	13	48	28	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	26-35	76	
12 PM	1	0	14	48	26	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	26-35	74	
13:00	0	2	10	35	22	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	26-35	57	
14:00	1	2	5	40	39	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	26-35	79	
15:00	3	1	7	46	37	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	26-35	83	
16:00	4	1	14	46	37	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	26-35	83	
17:00	1	0	9	53	36	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	26-35	89	
18:00	0	1	5	31	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	26-35	54	
19:00	5	0	4	33	33	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	26-35	66	
20:00	0	1	10	17	17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	26-35	34	
21:00	0	1	7	11	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	26-35	27	
22:00	0	1	2	12	11	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	26-35	23	
23:00	0	1	1	4	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	31-40	9	
Total	23	19	154	643	558	149	15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1563			
Percent	1.5%	1.2%	9.9%	41.1%	35.7%	9.5%	1.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	07:00	11:00	11:00	07:00	07:00	08:00	10:00																						07:00		
Vol.	3	3	13	58	58	16	3																						144		
PM Peak	19:00	13:00	12:00	17:00	14:00	14:00	17:00																						17:00		
Vol.	5	2	14	53	39	12	3																						114		
Total	23	19	154	643	558	149	15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1563			
Percent	1.5%	1.2%	9.9%	41.1%	35.7%	9.5%	1.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				

15th Percentile : 25 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 37 MPH

Stats
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 1201
Percent in Pace : 76.8%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%
Mean Speed(Average) : 30 MPH

City of Roseville

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Site Code: Antelope Creek

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
12/21/17	0	1	2	8	10	3	0	0	0	0	0	0	0	0	24	26-35	18
01:00	1	0	1	8	3	1	0	0	0	0	0	0	0	0	14	26-35	11
02:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
03:00	0	0	0	3	1	0	0	0	0	0	0	0	0	0	4	24-33	4
04:00	0	0	0	3	2	1	0	0	0	0	0	0	0	0	6	26-35	5
05:00	0	0	1	1	3	0	0	0	0	0	0	0	0	0	5	25-34	4
06:00	0	0	2	3	3	1	1	0	0	0	0	0	0	0	10	26-35	6
07:00	0	1	14	21	11	2	0	0	0	0	0	0	0	0	49	21-30	35
08:00	0	0	14	19	12	5	0	0	0	0	0	0	0	0	50	21-30	33
09:00	0	2	10	25	12	2	0	0	0	0	0	0	0	0	51	25-34	37
10:00	0	1	10	21	15	5	0	0	0	0	0	0	0	0	52	26-35	36
11:00	1	2	19	32	20	0	0	0	0	0	0	0	0	0	74	24-33	52
12 PM	3	3	10	44	22	3	0	0	0	0	0	0	0	0	85	26-35	66
13:00	0	0	12	38	22	5	0	0	0	0	0	0	0	0	77	26-35	60
14:00	4	1	10	34	38	10	1	0	0	0	0	0	0	0	98	26-35	72
15:00	2	1	13	44	51	11	1	0	0	0	0	0	0	0	123	26-35	95
16:00	2	0	13	55	51	14	0	0	0	0	0	0	0	0	135	26-35	106
17:00	2	2	9	78	56	17	0	0	0	0	0	0	0	0	164	26-35	134
18:00	0	3	16	48	40	10	2	1	0	0	0	0	0	0	120	26-35	88
19:00	5	1	11	49	41	6	0	0	0	0	0	0	0	0	113	26-35	90
20:00	0	0	15	46	32	10	1	0	0	0	0	0	0	0	104	26-35	78
21:00	0	0	9	35	24	7	1	0	0	0	0	0	0	0	76	26-35	59
22:00	1	0	7	31	19	7	0	0	0	0	0	0	0	0	65	26-35	50
23:00	0	0	3	19	15	4	1	0	0	0	0	0	0	0	42	26-35	34
Total	21	18	202	666	503	124	8	1	0	0	0	0	0	0	1543		
Percent	1.4%	1.2%	13.1%	43.2%	32.6%	8.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	01:00	09:00	11:00	11:00	11:00	08:00	06:00								11:00		
Vol.	1	2	19	32	20	5	1								74		
PM Peak	19:00	12:00	18:00	17:00	17:00	17:00	18:00	18:00							17:00		
Vol.	5	3	16	78	56	17	2	1							164		
Total	21	18	202	666	503	124	8	1	0	0	0	0	0	0	1543		
Percent	1.4%	1.2%	13.1%	43.2%	32.6%	8.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 24 MPH
 50th Percentile : 28 MPH
 85th Percentile : 34 MPH
 95th Percentile : 37 MPH

Stats
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 1169
 Percent in Pace : 75.8%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 29 MPH

