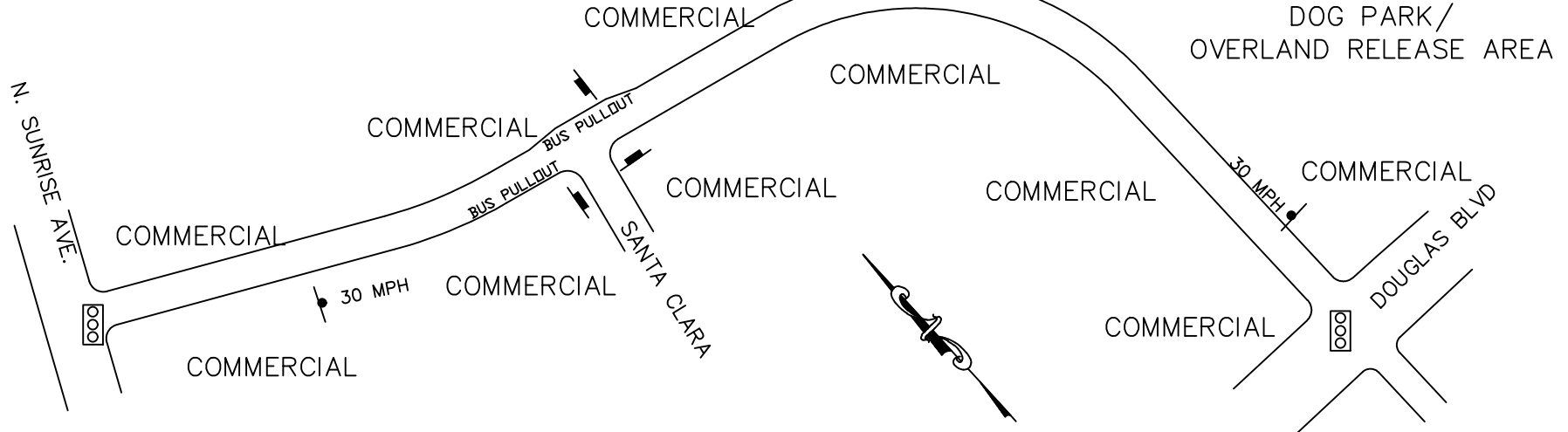


TRAFFIC ENGINEERING AND SPEED MAP  
SPEED ZONE SURVEY

ROAD NAME:

**SIERRA GARDENS DR.**  
Douglas to N. Sunrise

STRIP MAP



ROADWAY WIDTH	42'
NO. OF LANES	2
ADT	11037
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	35.0
PACE SPEED	28-37 MPH
3-YEAR ACCIDENT HISTORY	1
EXISTING SPEED LIMIT	30 MPH
RECOM. SPEED LIMIT	30 MPH
SEGMENT LENGTH	3095'

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH	61-75	0	ROADSIDE COND.	
	51-60	0		SCHOOL <input type="checkbox"/>
	41-50	1		RESIDENCE <input type="checkbox"/>
	31-40	45		BUSINESS <input checked="" type="checkbox"/>
	1-30	155		PARKS <input checked="" type="checkbox"/>
				OPEN SPACE <input type="checkbox"/>
		BIKEWAY <input type="checkbox"/>		

COMMENTS: SOME AREAS HAVE RESTRICTED PARKING.	SOME RECOVERY AREA <input type="checkbox"/>	NO RECOVERY AREA <input checked="" type="checkbox"/>
	SCHOOL ROUTE <input type="checkbox"/>	

# City of Roseville Engineering and Traffic Survey Summary

Street: SIERRA GARDENS DR  
Limits: N SUNRISE AV  
DOUGLAS BL

Field Observer: RY/JDT  
Checked By: J CERVANTES  
Date: 9/8/2021

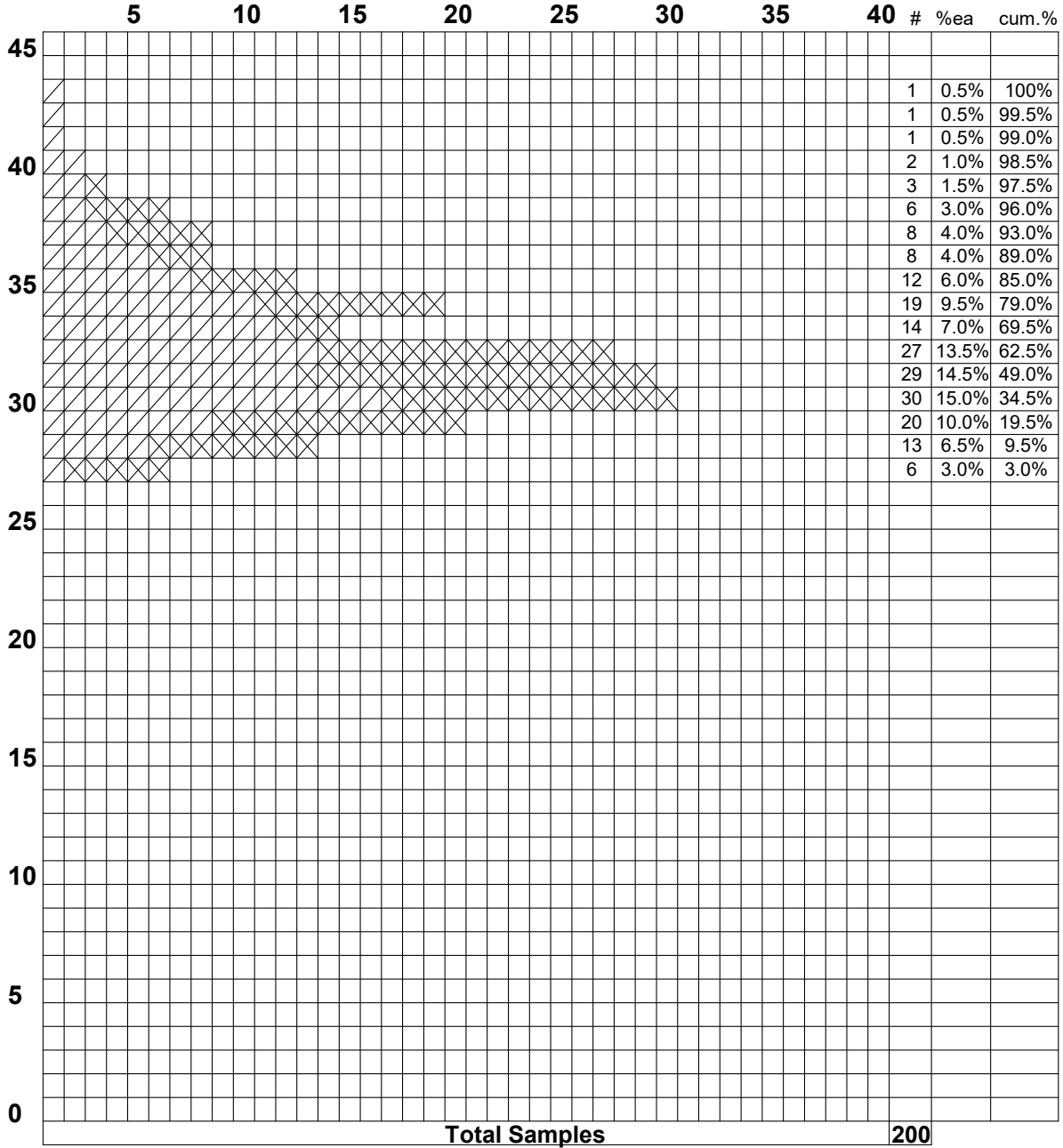
<b>Factors</b>	<b>Direction:</b> <u>East/West</u>
<b><u>A. Prevailing Speed Data</u></b>	
Location of Survey	800' N OF DOUGLAS
85th Percentile	35.0
10 mph Pace	28 - 37
Percent in Pace	90.0%
Posted Speed Limit	30
<b><u>B. Collision History</u></b>	
Date Range	4/26/2018 To 4/26/2021 ( 3 YEARS )
Total Collisions	1
Collision Rate (Acc/MVM)	0.141
Expected Collision Rate	2.95
<b><u>C. Traffic Factors</u></b>	
Average Daily Traffic	11037
Length of Segment	3095
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 & Vertical Curve
Comments	NUMEROUS COMMERCIAL DRIVEWAYS; DOG PARK; BUS STOP/TRANSFER STATION; PEDESTRIAN CROSSINGS; CLASS II BIKE LANES; LIMITED SIGHT DISTANCE
<b><u>E. Adjacent Land Use</u></b>	
	Commercial
Posted Speed Limit	30
Speed Limit Change?	No
Revised Speed Limit	
Approved and Authorized for release by City of Roseville Traffic Engineering Department:	
 <u>Jana Cervantes, TE, RSP1</u>	<u>9-13-21</u> Date
	Loc. #

**City of Roseville  
Traffic Engineering Department**

Street Name: SIERRA GARDENS DR  
Limits: N SUNRISE AV to DOUGLAS BL

**Radars Survey Sheet**

X=West / =East



85th Percentile Speed: 35.0  
50th Percentile Speed: 31.1  
15th Percentile Speed: 28.6  
10 MPH Pace: 28-37  
Number in Pace: 180  
Percent in Pace: 90.0%

Date of Survey: 9/8/2021 Start Time: 10:38  
Weather: Clear End Time: 11:49  
Road Condition: Good Posted Speed: 30  
Street Class.: Collector  
Observer: RY/JDT  
Conditions not Apparent: See: Roadside Conditions on the Speed Zone Survey Map

**City of Roseville  
Traffic Engineering Department**

**Lidar Speed Data Worksheet**

Date: 9/9/21 Location # \_\_\_\_\_

Street Name: SIERRA GARDENS Observer: RJ/DT

Limits: DOUGLAS BL - N SUNRISE Location of Survey: 800' N. DOUGLAS

Weather: CLEAR

Roadway Geometrics: HORIZONTAL & VERTICAL CURVES

Road Cond: GOOD

Conditions Not Apparent: \_\_\_\_\_

Posted Speed: 30

Start Time: 10:38

Lane Config: 2x2

End Time: 11:49

Adjacent Land Use: COMMERCIAL

Street Classification: Arterial - Collector - Local

Collision Start Date: \_\_\_\_\_

Average Daily Traffic: \_\_\_\_\_

Collision End Date: \_\_\_\_\_

Segment Length: \_\_\_\_\_

Collision Period: \_\_\_\_\_

Speed Limit Changed? Yes - No

Total Collisions: \_\_\_\_\_

Revised Limit: \_\_\_\_\_

Collision Rate: \_\_\_\_\_

Checked By: \_\_\_\_\_

Expected Collision Rate: \_\_\_\_\_

Direction: WB

Direction: EB

1. <u>29</u>	21. <u>30</u>	41. <u>37</u>	61. <u>37</u>	81. <u>27</u>
2. <u>32</u>	22. <u>38</u>	42. <u>37</u>	62. <u>28</u>	82. <u>31</u>
3. <u>34</u>	23. <u>39</u>	43. <u>31</u>	63. <u>30</u>	83. <u>37</u>
4. <u>32</u>	24. <u>34</u>	44. <u>30</u>	64. <u>32</u>	84. <u>29</u>
5. <u>29</u>	25. <u>29</u>	45. <u>32</u>	65. <u>38</u>	85. <u>37</u>
6. <u>30</u>	26. <u>28</u>	46. <u>29</u>	66. <u>34</u>	86. <u>33</u>
7. <u>36</u>	27. <u>27</u>	47. <u>32</u>	67. <u>30</u>	87. <u>30</u>
8. <u>27</u>	28. <u>36</u>	48. <u>33</u>	68. <u>30</u>	88. <u>30</u>
9. <u>31</u>	29. <u>34</u>	49. <u>31</u>	69. <u>28</u>	89. <u>30</u>
10. <u>32</u>	30. <u>30</u>	50. <u>29</u>	70. <u>29</u>	90. <u>31</u>
11. <u>29</u>	31. <u>30</u>	51. <u>31</u>	71. <u>34</u>	91. <u>36</u>
12. <u>29</u>	32. <u>32</u>	52. <u>31</u>	72. <u>31</u>	92. <u>31</u>
13. <u>35</u>	33. <u>32</u>	53. <u>35</u>	73. <u>32</u>	93. <u>29</u>
14. <u>33</u>	34. <u>31</u>	54. <u>35</u>	74. <u>31</u>	94. <u>27</u>
15. <u>35</u>	35. <u>31</u>	55. <u>27</u>	75. <u>32</u>	95. <u>34</u>
16. <u>32</u>	36. <u>31</u>	56. <u>29</u>	76. <u>35</u>	96. <u>34</u>
17. <u>31</u>	37. <u>30</u>	57. <u>34</u>	77. <u>29</u>	97. <u>32</u>
18. <u>34</u>	38. <u>30</u>	58. <u>31</u>	78. <u>30</u>	98. <u>32</u>
19. <u>39</u>	39. <u>27</u>	59. <u>28</u>	79. <u>28</u>	99. <u>28</u>
20. <u>28</u>	40. <u>34</u>	60. <u>31</u>	80. <u>31</u>	100. <u>32</u>

1. <u>34</u>	21. <u>30</u>	41. <u>29</u>	61. <u>35</u>	81. <u>40</u>
2. <u>34</u>	22. <u>30</u>	42. <u>42</u>	62. <u>35</u>	82. <u>31</u>
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8. <u>35</u>	28. <u>33</u>	48. <u>29</u>	68. <u>31</u>	88. <u>30</u>
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16. <u>31</u>	36. <u>32</u>	56. <u>36</u>	76. <u>33</u>	96. <u>32</u>
17. <u>32</u>	37. <u>29</u>	57. <u>32</u>	77. <u>35</u>	97. <u>33</u>
18. <u>29</u>	38. <u>33</u>	58. <u>31</u>	78. <u>33</u>	98. <u>40</u>
19. <u>29</u>	39. <u>37</u>	59. <u>34</u>	79. <u>37</u>	99. <u>34</u>
20. <u>39</u>	40. <u>35</u>	60. <u>39</u>	80. <u>30</u>	100. <u>41</u>

Comments: