



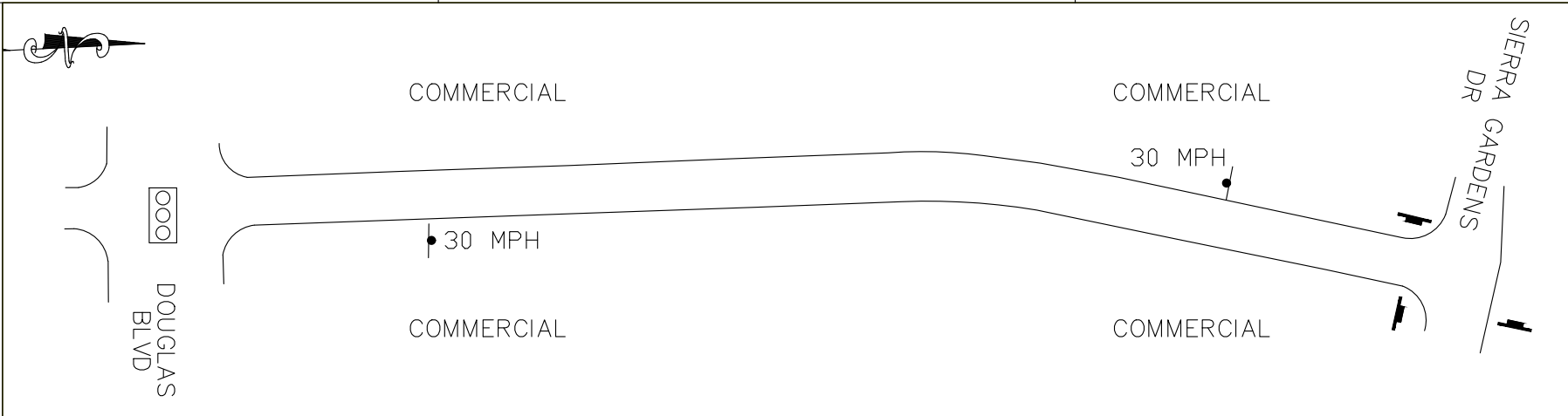
PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:

SANTA CLARA DRIVE
Douglas to Sierra Gardens

STRIP MAP



ROADWAY WIDTH	42'
NO. OF LANES	2
ADT	5018
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	29.1
PACE SPEED	20-29 MPH
3-YEAR ACCIDENT HISTORY	2
EXISTING SPEED LIMIT	30 MPH
RECOM. SPEED LIMIT	30 MPH
SEGMENT LENGTH	.22 MI.

LEGEND STOP SIGNS SPEED LIMIT SIGN TRAFFIC SIGNAL

MPH			ROADSIDE COND.
	61-75	0	SCHOOL <input type="checkbox"/>
51-60	0	RESIDENCE <input type="checkbox"/>	
41-50	0	BUSINESS <input checked="" type="checkbox"/>	
31-40	21	PARKS <input type="checkbox"/>	
1-30	179	OPEN SPACE <input type="checkbox"/>	
		BIKEWAY <input type="checkbox"/>	

COMMENTS: NUMEROUS COMMERCIAL DRIVEWAYS. ON STREET PARKING ALLOWED


SOME RECOVERY AREA NO RECOVERY AREA

SCHOOL ROUTE

City of Roseville Engineering and Traffic Survey Summary

Street: SANTA CLARA DR
Limits: DOUGLAS BL
SIERRA GARDENS DR

Field Observer: AZ
Checked By: J. CERVANTES
Date: 3/22/2023

Factors	Direction: <u>North/South</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	330' N of Douglas Blvd
85th Percentile	29.1
10 mph Pace	20 - 29
Percent in Pace	83.0%
Posted Speed Limit	30
<u>B. Collision History</u>	
Date Range	12/3/2019 To 12/3/2022 (3 Years)
Total Collisions	2
Collision Rate (Acc/MVM)	1.645
Expected Collision Rate	1.68
<u>C. Traffic Factors</u>	
Average Daily Traffic	5018
Length of Segment	1166
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	Horizontal Curve
Comments	Numerous commerical driveways
	
<u>E. Adjacent Land Use</u>	Commercial
Posted Speed Limit	30
Speed Limit Change?	No
Revised Speed Limit	30
<p>Approved and Authorized for release by City of Roseville Traffic Engineering Department:</p> <p><u>Jana Cervantes TE</u> <u>12-13-2023</u></p> <p style="text-align: right;">Date Loc. #</p>	

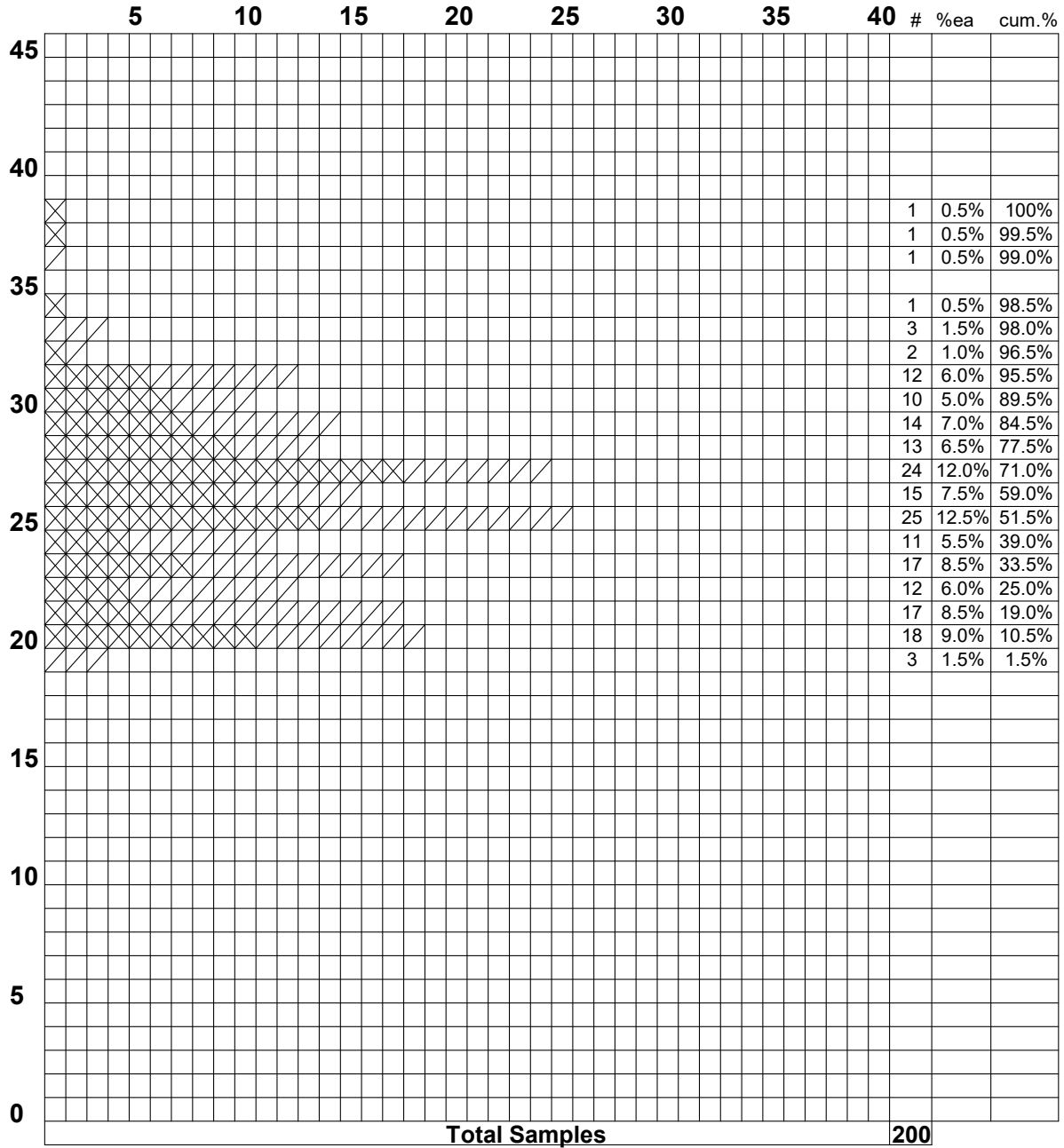
**City of Roseville
Traffic Engineering Department**

Street Name: SANTA CLARA DR

Limits: DOUGLAS BL to SIERRA GARDENS DR

Radar Survey Sheet

X=North / =South



85th Percentile Speed: 29.1
 50th Percentile Speed: 24.9
 15th Percentile Speed: 20.5
 10 MPH Pace: 20-29
 Number in Pace: 166
 Percent in Pace: 83.0%

Date of Survey: 3/22/2023 Start Time: 1:55
 Weather: Cloudy End Time: 2:35
 Road Condition: Good Posted Speed: 30
 Street Class.: Collector
 Observer: AZ
 Conditions not Apparent: See: Roadside Conditions on the Speed Zone Survey Map

**City of Roseville
Traffic Engineering Department**

Lidar Speed Data Worksheet

Date: 3/22/2023 Location # _____

Street Name: Santa Clara Observer: AZ

Limits: Douglas to Sierra Gardens Location of Survey: _____

Weather: _____
Road Cond: _____
Posted Speed: 30 MPH
Lane Config: _____
Adjacent Land Use: _____

Roadway Geometrics: _____
Conditions Not Apparent: _____
Start Time: 1:55
End Time: 2:35

Street Classification: Arterial - Collector - Local
Average Daily Traffic: _____
Segment Length: _____
Speed Limit Changed? Yes - No
Revised Limit: _____
Checked By: _____

Collision Start Date: _____
Collision End Date: _____
Collision Period: _____
Total Collisions: _____
Collision Rate: _____
Expected Collision Rate: _____

Direction: NB

Direction: SB

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

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Comments: