



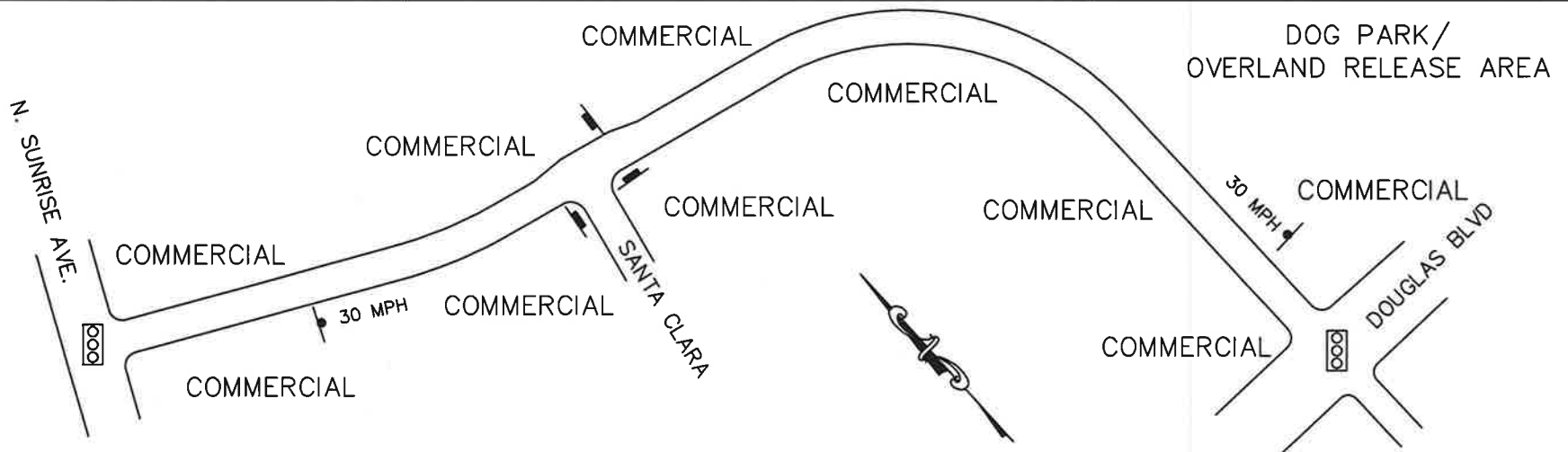
PUBLIC WORKS DEPT.

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	7464
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	31.3 MPH
PACE SPEED	24-33 MPH
3-YEAR ACCIDENT HISTORY	8
EXISTING SPEED LIMIT	30 MPH
RECOM. SPEED LIMIT	30 MPH
SEGMENT LENGTH	.49 MI.

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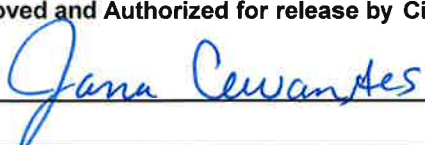
MPH	61-75	0	ROADSIDE COND.	
	51-60	0		SCHOOL <input type="checkbox"/>
	41-50	1		RESIDENCE <input type="checkbox"/>
	31-40	45		BUSINESS <input checked="" type="checkbox"/>
	1-30	155		PARKS <input checked="" type="checkbox"/>
				OPEN SPACE <input type="checkbox"/>
		BIKEWAY <input type="checkbox"/>		

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: DOUGLAS BL
N SUNRISE AV

Field Observer: F. MARTINEZ
Checked By: J CERVANTES
Date: 6/26/2015

Factors	Direction: <u>North/South</u>		
<u>A. Prevailing Speed Data</u>			
Location of Survey	800' N OF DOUGLAS		
85th Percentile	31.3		
10 mph Pace	24 - 33		
Percent in Pace	89.0%		
Posted Speed Limit	30		
<u>B. Collision History</u>			
Date Range Covered	4/26/2012	To 6/26/2015	(3 YEARS)
Total Collisions	8		
Collision Rate (Acc/MVM)	1.894		
Expected Collision Rate	2.95		
<u>C. Traffic Factors</u>			
Average Daily Traffic	7464		
Length of Segment	2583		
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	MODERATE ACCIDENT OCCURRENCE; NUMEROUS COMMERCIAL DRIVEWAYS; DOG PARK; PEDESTRIAN CROSSING; CLASS II BIKE LANES; LIMITED SIGHT DISTANCE		
<u>E. Adjacent Land Use</u>			
	Commercial		
Posted Speed Limit	30		
Speed Limit Change?	No		
Revised Speed Limit	30		
Approved and Authorized for release by City of Roseville Traffic Engineering Department:			
 _____		<u>12-9-15</u> Date	

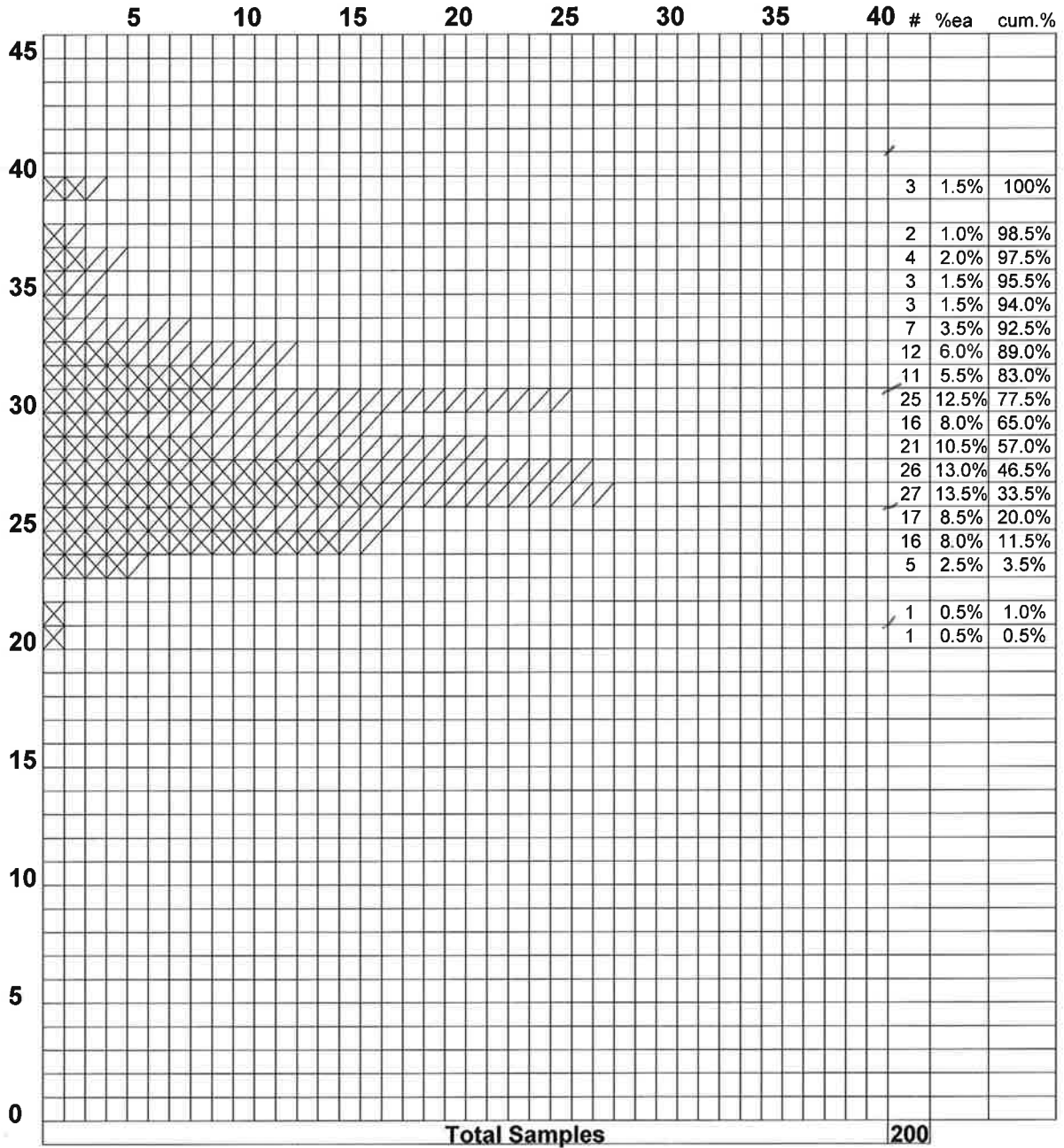


**City of Roseville
Traffic Engineering Department**

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

Radar Survey Sheet

X=North /=South



85th Percentile Speed:	<u>31.3</u>	Date of Survey:	<u>6/26/2015</u>	Start Time:	<u>10:00</u>
50th Percentile Speed:	<u>27.3</u>	Weather:	<u>Clear</u>	End Time:	<u>12:00</u>
15th Percentile Speed:	<u>24.4</u>	Road Condition:	<u>Good</u>	Posted Speed:	<u>30</u>
10 MPH Pace:	<u>24-33</u>	Street Class.:	<u>Collector</u>	Observer:	<u>F. MARTINEZ</u>
Number in Pace:	<u>178</u>	Conditions not Apparent:	See: Roadside Conditions on the Speed Zone Survey Map		
Percent in Pace:	<u>89.0%</u>				

**City of Roseville
Traffic Engineering Department**

Lidar Speed Data Worksheet

Date: 6-25-15 Location # _____

Street Name: SIERRA GARDENS Observer: FABIAN MARTINEZ

Limits: DOUGLAS / N. SUNRISE Location of Survey: 800 FT N OF DOUGLAS

Weather: SUNNY - CLEAR Roadway Geometrics: _____

Road Cond: GOOD Conditions Not Apparent: _____

Posted Speed: 30 Start Time: 10:00 AM

Lane Config: _____ End Time: 12:00 PM

Adjacent Land Use: _____

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

Comments: