



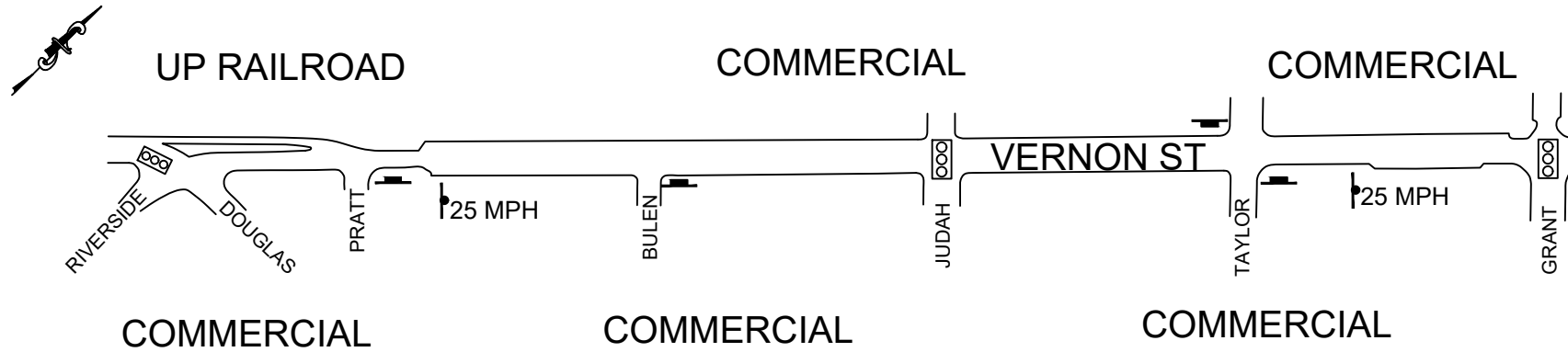
PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP  
SPEED ZONE SURVEY

ROAD NAME:

**VERNON STREET**  
Riverside to Grant

STRIP MAP



ROADWAY WIDTH	55'
NO. OF LANES	2
ADT	10070
DIVIDER TYPE	PAINTED
CRITICAL SPEED (85th %)	29.1
PACE SPEED	22-31 MPH
3-YEAR ACCIDENT HISTORY	11
EXISTING SPEED LIMIT	25 MPH
RECOM. SPEED LIMIT	25 MPH
SEGMENT LENGTH	.70 MI.

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
--------	------------	------------------	----------------

MPH	61-75	0	ROADSIDE COND.	
	51-60	0		SCHOOL <input type="checkbox"/>
	41-50	0		RESIDENCE <input type="checkbox"/>
	31-40	31		BUSINESS <input checked="" type="checkbox"/>
	1-30	169		PARKS <input type="checkbox"/>
			OPEN SPACE <input type="checkbox"/>	
			BIKEWAY <input type="checkbox"/>	


COMMENTS: ANGLED PARKING ON BOTH SIDES OF STREET.

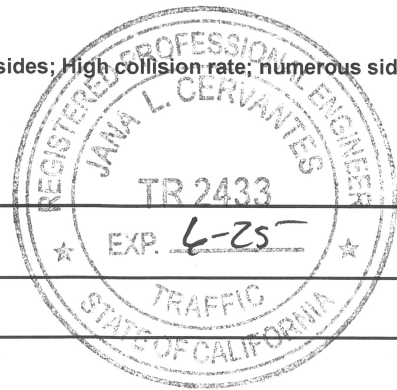
SOME RECOVERY AREA  NO RECOVERY AREA   
SCHOOL ROUTE

# City of Roseville Engineering and Traffic Survey Summary

Street: VERNON ST  
Limits: DOUGLAS BL  
GRANT ST

Field Observer: C PARKS  
Checked By: J CERVANTES  
Date: 10/31/2023

Factors	Direction: <u>North/South</u>
<b><u>A. Prevailing Speed Data</u></b>	
Location of Survey	100' West of Judah St
85th Percentile	29.1
10 mph Pace	22 - 31
Percent in Pace	90.0%
Posted Speed Limit	25
<b><u>B. Collision History</u></b>	
Date Range	8/2/2020 To 8/2/2023 ( 3 )
Total Collisions	11
Collision Rate (Acc/MVM)	1.41
Expected Collision Rate	1.68
<b><u>C. Traffic Factors</u></b>	
Average Daily Traffic	10070
Length of Segment	2174
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	Straight and level
Comments	Business district; High pedestrian volume; Angled parking on both sides; High collision rate; numerous side streets
<b><u>E. Adjacent Land Use</u></b>	Commercial
Posted Speed Limit	25
Speed Limit Change?	No
Revised Speed Limit	25
Approved and Authorized for release by City of Roseville Traffic Engineering Department:	
 _____	12-13-2023 Date
	Loc. #

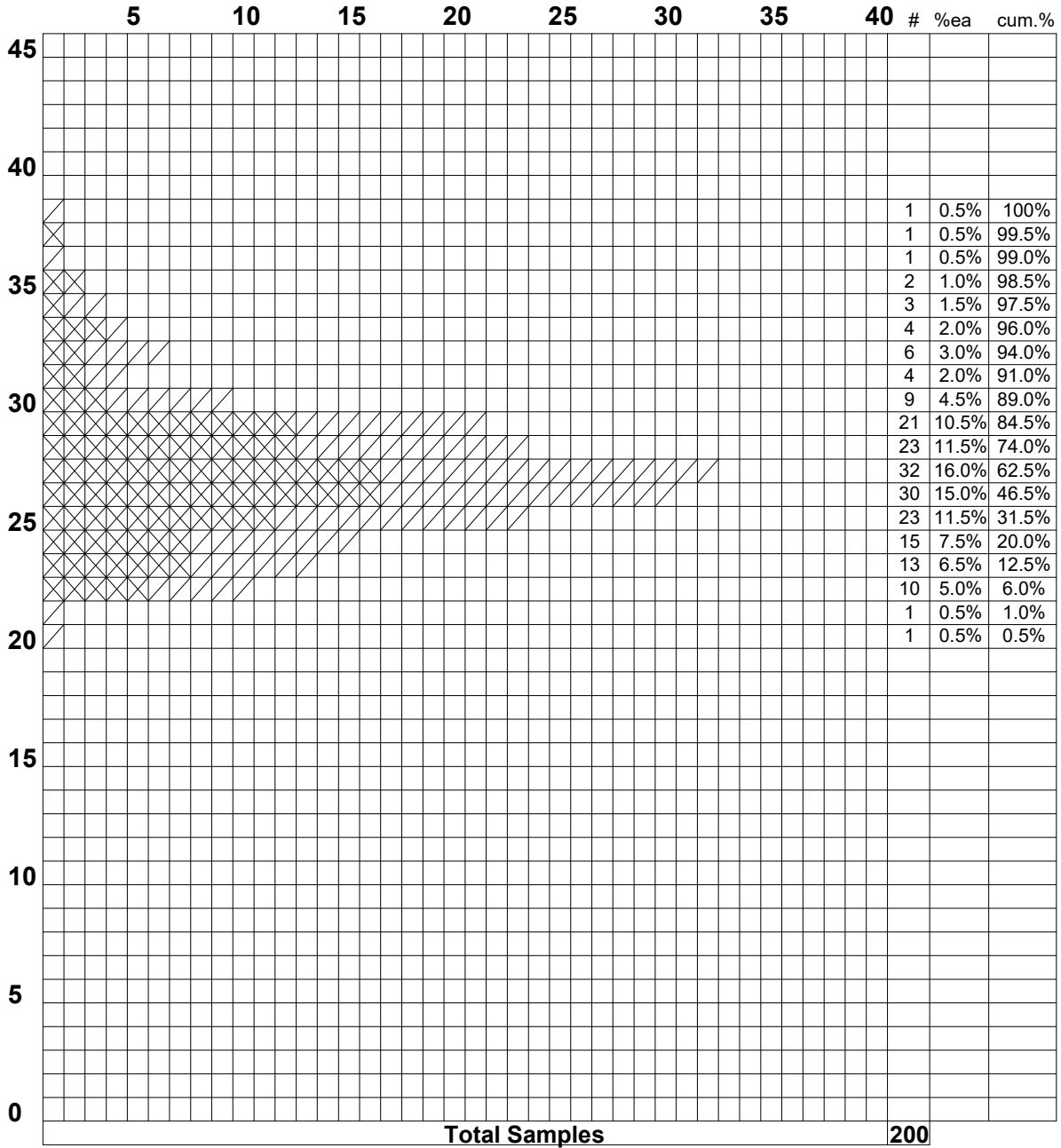


**City of Roseville  
Traffic Engineering Department**

Street Name: VERNON ST  
Limits: DOUGLAS BL to GRANT ST

**Radar Survey Sheet**

X=North / =South



85th Percentile Speed: 29.1  
50th Percentile Speed: 26.2  
15th Percentile Speed: 23.3  
10 MPH Pace: 22-31  
Number in Pace: 180  
Percent in Pace: 90.0%

Date of Survey: 10/31/2023      Start Time: 11:45  
Weather: Clear      End Time: 12:43  
Road Condition: Good      Posted Speed: 25  
Street Class.: Collector  
Observer: C PARKS  
Conditions not Apparent: See: Roadside Conditions on the Speed Zone Survey Map

**City of Roseville  
Traffic Engineering Department  
Lidar Speed Data Worksheet**

Date: 10/31/23 Location # \_\_\_\_\_

Street Name: Vernon St Observer: CP

Limits: Douglas Bl to Folsom rd S. Grant St Location of Survey: 180' South of Judah St

Weather: Clear  
Road Cond: Good  
Posted Speed: 25  
Lane Config: \_\_\_\_\_  
Adjacent Land Use: \_\_\_\_\_

Roadway Geometrics: \_\_\_\_\_  
Conditions Not Apparent: \_\_\_\_\_  
Start Time: 11:45 am  
End Time: 12:43 pm

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: SB

Direction: NB

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

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

Comments: