

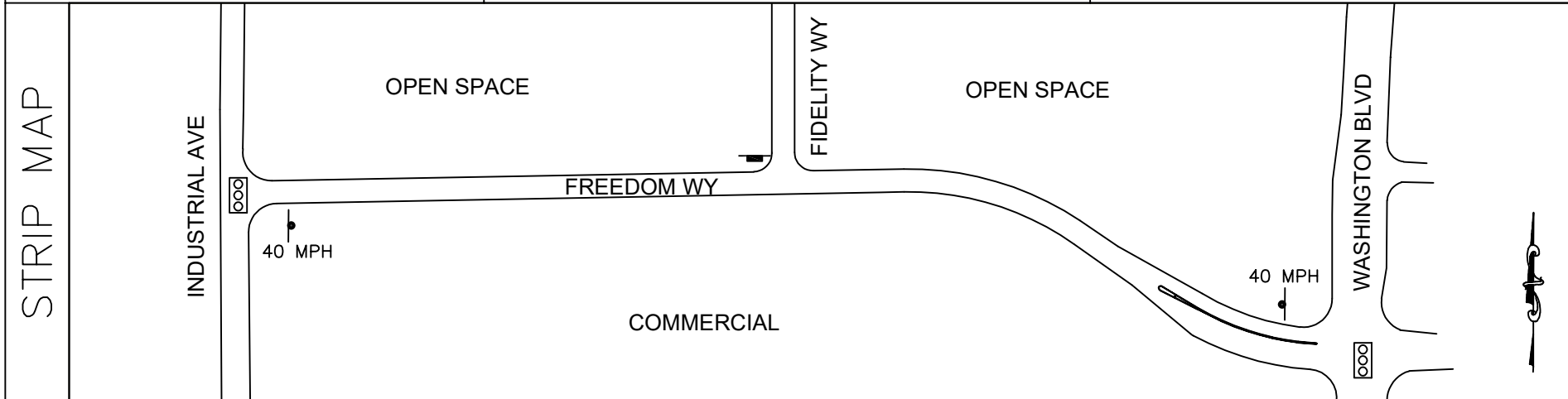


PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:

FREEDOM WAY
Industrial to Washington



ROADWAY WIDTH	42-76'
NO. OF LANES	2
ADT	7815
DIVIDER TYPE	RAISED/PAINTED
CRITICAL SPEED (85th %)	39.8 MPH
PACE SPEED	33-42 MPH
3-YEAR ACCIDENT HISTORY	1
EXISTING SPEED LIMIT	40 MPH
RECOM. SPEED LIMIT	35 MPH
SEGMENT LENGTH	.38 MI.

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH			ROADSIDE COND.
	61-75	1	SCHOOL
51-60	2	RESIDENCE	<input type="checkbox"/>
41-50	39	BUSINESS	<input checked="" type="checkbox"/>
31-40	154	PARKS	<input type="checkbox"/>
1-30	4	OPEN SPACE	<input checked="" type="checkbox"/>
		BIKEWAY	<input checked="" type="checkbox"/>

COMMENTS: NO PARKING ON BOTH SIDES OF STREET. HEAVY CONSTRUCTION	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: FREEDOM WY
Limits: WASHINGTON BL
INDUSTRIAL AV

Field Observer: C PARKS
Checked By: J CERVANTES
Date: 10/17/2024

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	230' east of Fidelity Wy
85th Percentile	39.8
10 mph Pace	33 - 42
Percent in Pace	86.0%
Posted Speed Limit	40
<u>B. Collision History</u>	
Date Range	6/30/2021 To 6/30/2024 (3 years)
Total Collisions	1
Collision Rate (Acc/MVM)	0.285
Expected Collision Rate	2.95
<u>C. Traffic Factors</u>	
Average Daily Traffic	7815
Length of Segment	2162
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	No street parking; open space to the N side of Freedom Wy; heavy construction
<u>E. Adjacent Land Use</u>	
	Commercial/Open Space
Posted Speed Limit	40
Speed Limit Change?	Yes
Revised Speed Limit	35
Approved and Authorized for release by City of Roseville Traffic Engineering Department:	
	<u>Jana Cervantes TE</u> Date
	<u>10-28-24</u> Date
	Loc. #

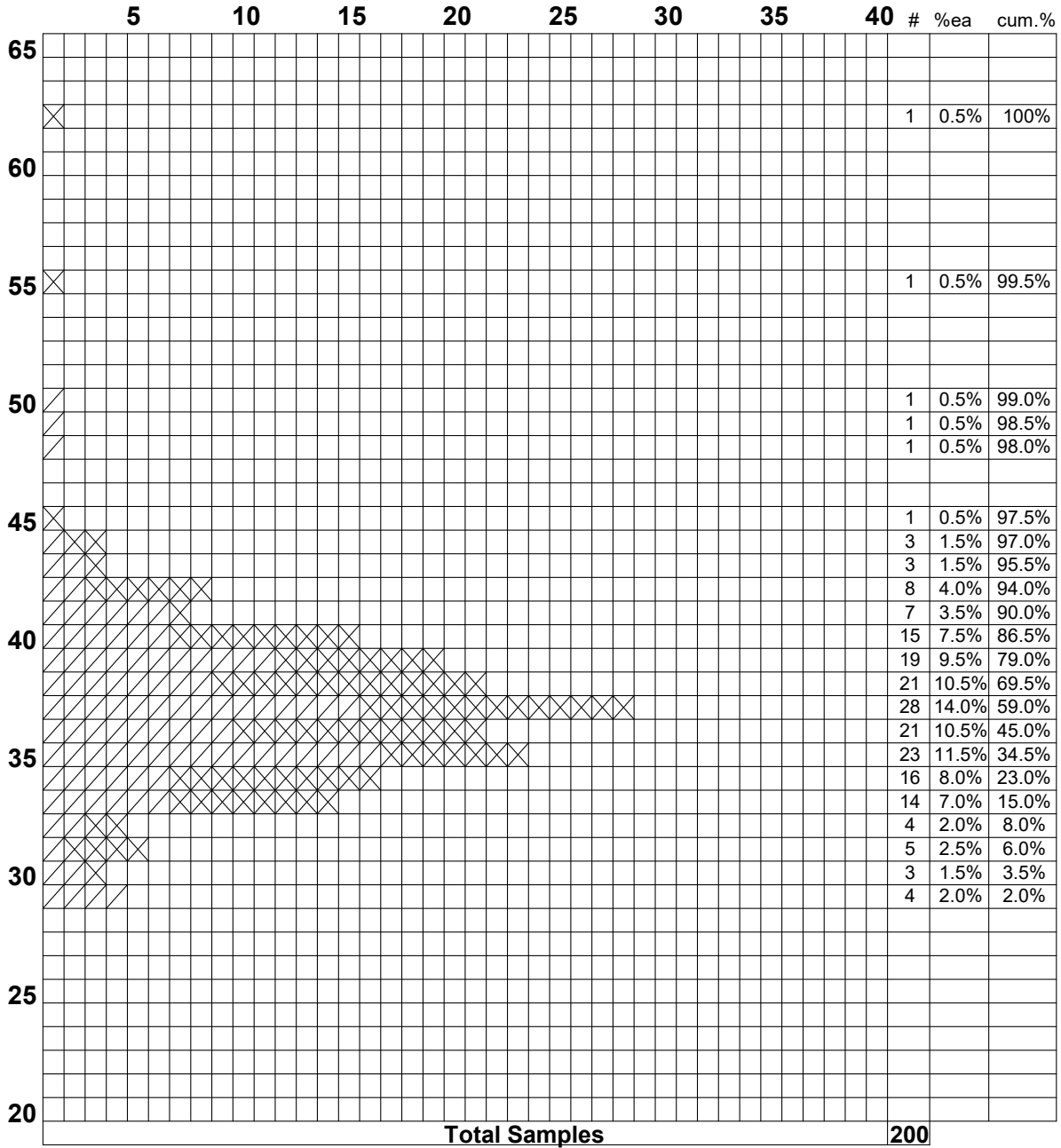
**City of Roseville
Traffic Engineering Department**

Street Name: FREEDOM WY

Limits: WASHINGTON BL to INDUSTRIAL AV

Radar Survey Sheet

X=West / =East



85th Percentile Speed: 39.8
 50th Percentile Speed: 36.4
 15th Percentile Speed: 33.0
 10 MPH Pace: 33- 42
 Number in Pace: 172
 Percent in Pace: 86.0%

Date of Survey: 10/17/2024 Start Time: 10:39
 Weather: Cloudy End Time: 12:08
 Road Condition: Good Posted Speed: 40
 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: 10/17/24 Location # _____

Street Name: Freedom Wy Observer: OP

Limits: Washington Blvd to Industrial Ave Location of Survey: 230' E/O Fidelity

Weather: Cloudy
Road Cond: Good
Posted Speed: 40
Lane Config: _____
Adjacent Land Use: _____

Roadway Geometrics: _____
Conditions Not Apparent: heavy construction
Start Time: 10:39 am
End Time: 12:08 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: NB

Direction: EB

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

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Comments: