



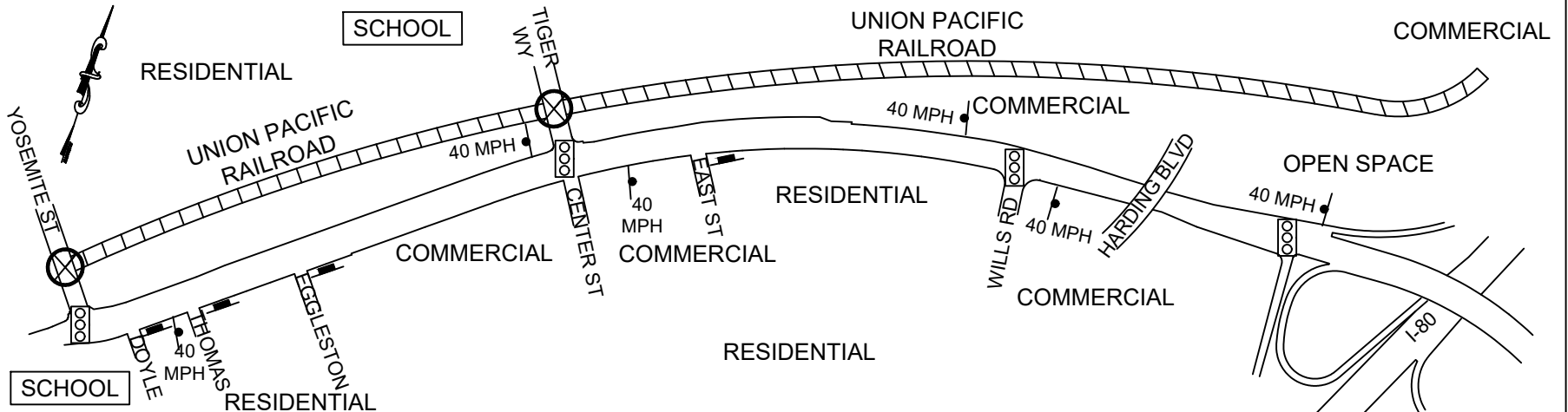
PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:

ATLANTIC STREET
Yosemite to Interstate 80

STRIP MAP



ROADWAY WIDTH	70-80'
NO. OF LANES	4
ADT	22001
DIVIDER TYPE	RAISED/PAINTED
CRITICAL SPEED (85th %)	45.1
PACE SPEED	36-45 MPH
3-YEAR ACCIDENT HISTORY	34
EXISTING SPEED LIMIT	40 MPH
RECOM. SPEED LIMIT	40 MPH
SEGMENT LENGTH	1.03 MI.

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	R.R. CROSSING	TRAFFIC SIGNAL
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MPH			ROADSIDE COND.
61-75	0		SCHOOL <input checked="" type="checkbox"/>
51-60	12		RESIDENCE <input checked="" type="checkbox"/>
41-50	118		BUSINESS <input checked="" type="checkbox"/>
31-40	70		PARKS <input type="checkbox"/>
1-30	0		OPEN SPACE <input checked="" type="checkbox"/>
			BIKEWAY <input checked="" type="checkbox"/>

COMMENTS: NO PARKING ON BOTH SIDES OF STREET.

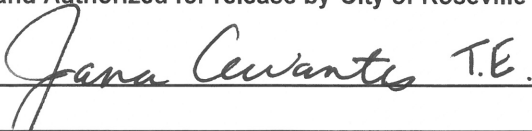
SOME RECOVERY AREA NO RECOVERY AREA

SCHOOL ROUTE

City of Roseville Engineering and Traffic Survey Summary

Street: ATLANTIC ST
Limits: YOSEMITE ST
ROUTE 80 W/B OFFRAMP (E)

Field Observer: HC & AZ
Checked By: J CERVANTES
Date: 2/1/2022

Factors	Direction: <u>North/South</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	Egglestone St
85th Percentile	45.1
10 mph Pace	36 - 45
Percent in Pace	78.5%
Posted Speed Limit	40
<u>B. Collision History</u>	
Date Range	3/24/2019 To 3/24/2022 (3 Years)
Total Collisions	34
Collision Rate (Acc/MVM)	1.367
Expected Collision Rate	2.55
<u>C. Traffic Factors</u>	
Average Daily Traffic	22001
Length of Segment	5443
Lane Configuration	2 Lanes Each Direction
Street Classification	Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	See: Roadside Conditions on the Speed Zone Survey Map
Roadway Geometrics	Horizontal Curve
Comments	NUMEROUS COMMERCIAL DRIVEWAYS' CLASS II BIKE LANES; RAILROAD CROSSING; RAILROAD PRE-EMPTION; SRTS CROSSING @ TIER AND ATLANTIC; FREEWAY ON AND OFF RAMPS
<u>E. Adjacent Land Use</u>	
	Commercial
Posted Speed Limit	40
Speed Limit Change?	No
Revised Speed Limit	40
Approved and Authorized for release by City of Roseville Traffic Engineering Department:	
 _____	<u>9-22-2022</u> Date
	Loc. #

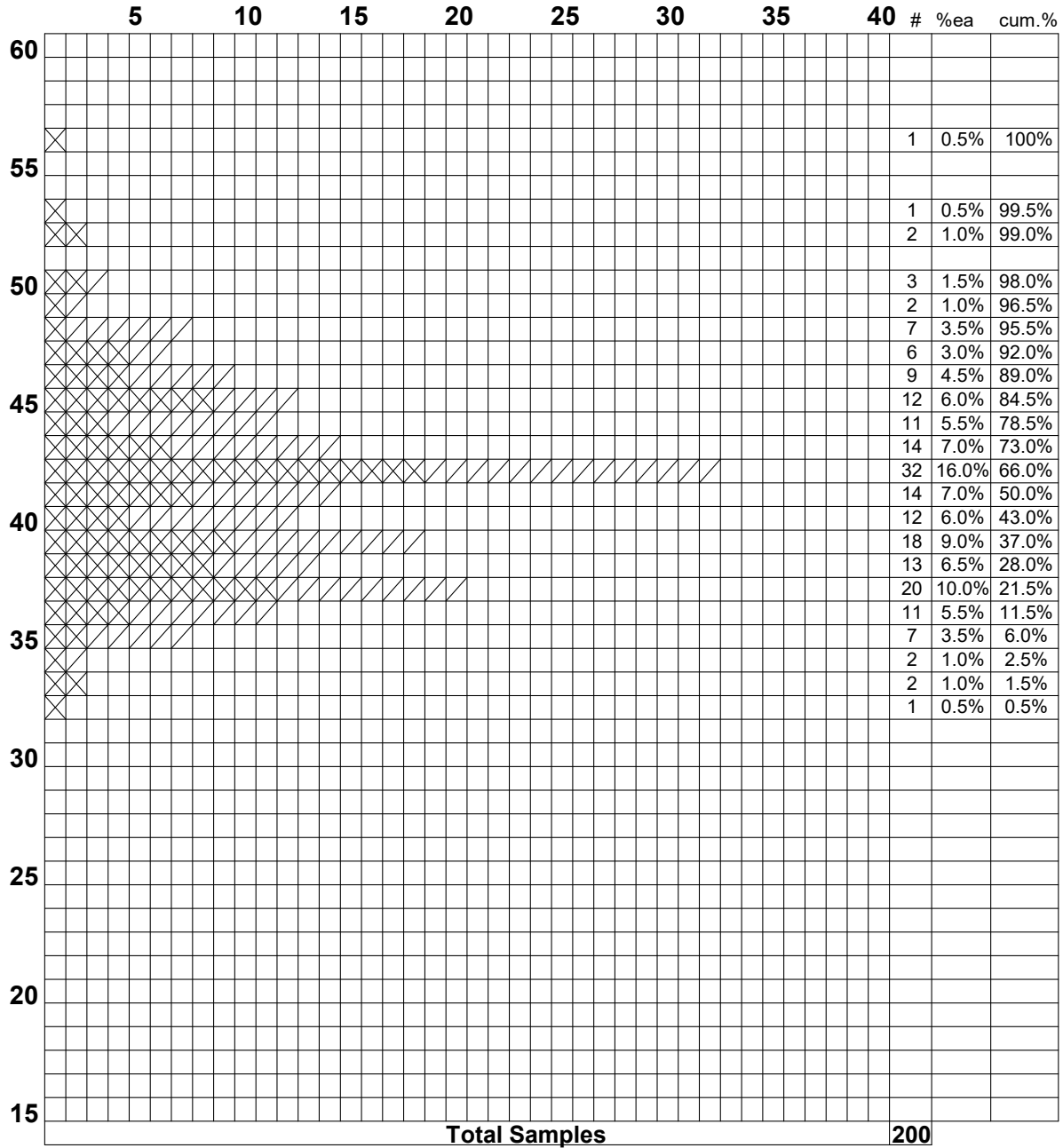
**City of Roseville
Traffic Engineering Department**

Street Name: ATLANTIC ST

Limits: YOSEMITE ST to ROUTE 80 W/B OFFRAMP (E)

Radar Survey Sheet

X=North /=South



85th Percentile Speed: 45.1
 50th Percentile Speed: 41.0
 15th Percentile Speed: 36.4
 10 MPH Pace: 36-45
 Number in Pace: 157
 Percent in Pace: 78.5%

Date of Survey: 2/1/2022 Start Time: 9:17
 Weather: Clear End Time: 9:46
 Road Condition: Good Posted Speed: 40
 Street Class.: Arterial
 Observer: HC & AZ
 Conditions not Apparent: See: Roadside Conditions on the Speed Zone Survey Map

**City of Roseville
Traffic Engineering Department**

Lidar Speed Data Worksheet

Date: 7/20/22 Location # _____

Street Name: ATLANTIC ST Observer: HC AZ

Limits: YOSEMITE TO I-80 Location of Survey: _____

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

Roadway Geometrics: _____
 Conditions Not Apparent: _____
 Start Time: 8:42
 End Time: 9:06

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

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20. <u>39</u>	40. <u>39</u>	60. <u>50</u>	80. <u>42</u>	100. <u>43</u>

Comments: