

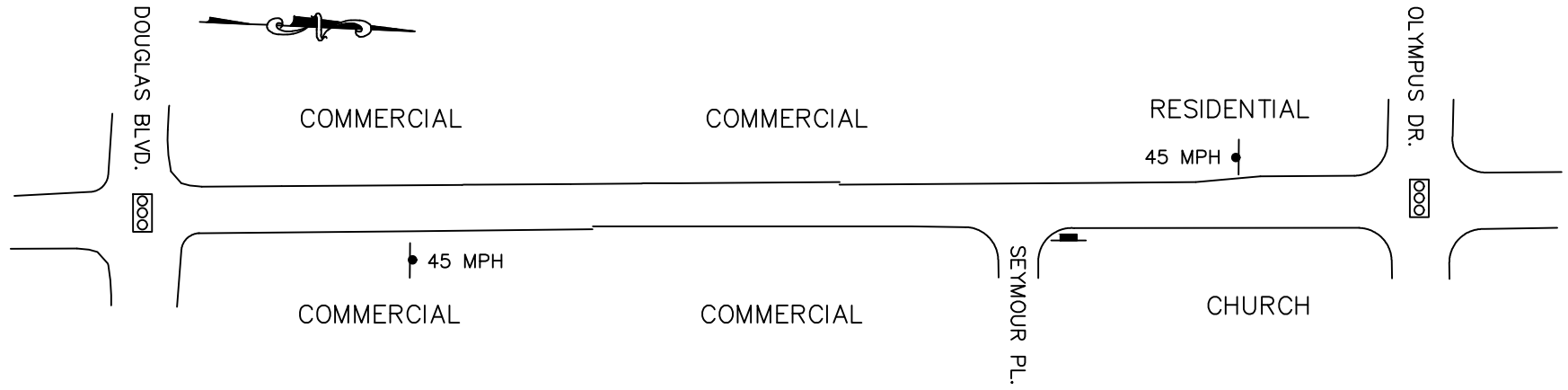


PUBLIC WORKS DEPT.

TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:
SIERRA COLLEGE BLVD
Douglas to Olympus

STRIP MAP



ROADWAY WIDTH	95'-115'
NO. OF LANES	4-6
ADT	28446
DIVIDER TYPE	RAISED/PAINTED
CRITICAL SPEED (85th %)	49.4 MPH
PACE SPEED	41-50 MPH
3-YEAR ACCIDENT HISTORY	2
EXISTING SPEED LIMIT	45 MPH
RECOM. SPEED LIMIT	45 MPH
SEGMENT LENGTH	.45 MI.

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
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MPH	61-75	0	ROADSIDE COND.	
	51-60	22		SCHOOL <input type="checkbox"/>
	41-50	168		RESIDENCE <input checked="" type="checkbox"/>
	31-40	10		BUSINESS <input checked="" type="checkbox"/>
	1-30	0		PARKS <input type="checkbox"/>
			OPEN SPACE <input type="checkbox"/>	
			BIKEWAY <input checked="" type="checkbox"/>	

COMMENTS: NO PARKING ON BOTH SIDES OF STREET.

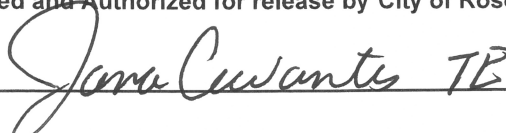
SOME RECOVERY AREA NO RECOVERY AREA

SCHOOL ROUTE

City of Roseville Engineering and Traffic Survey Summary

Street: SIERRA COLLEGE BL
Limits: DOUGLAS BL
OLYMPUS DR

Field Observer: RY & AZ
Checked By: J. CERVANTES
Date: 8/10/2022

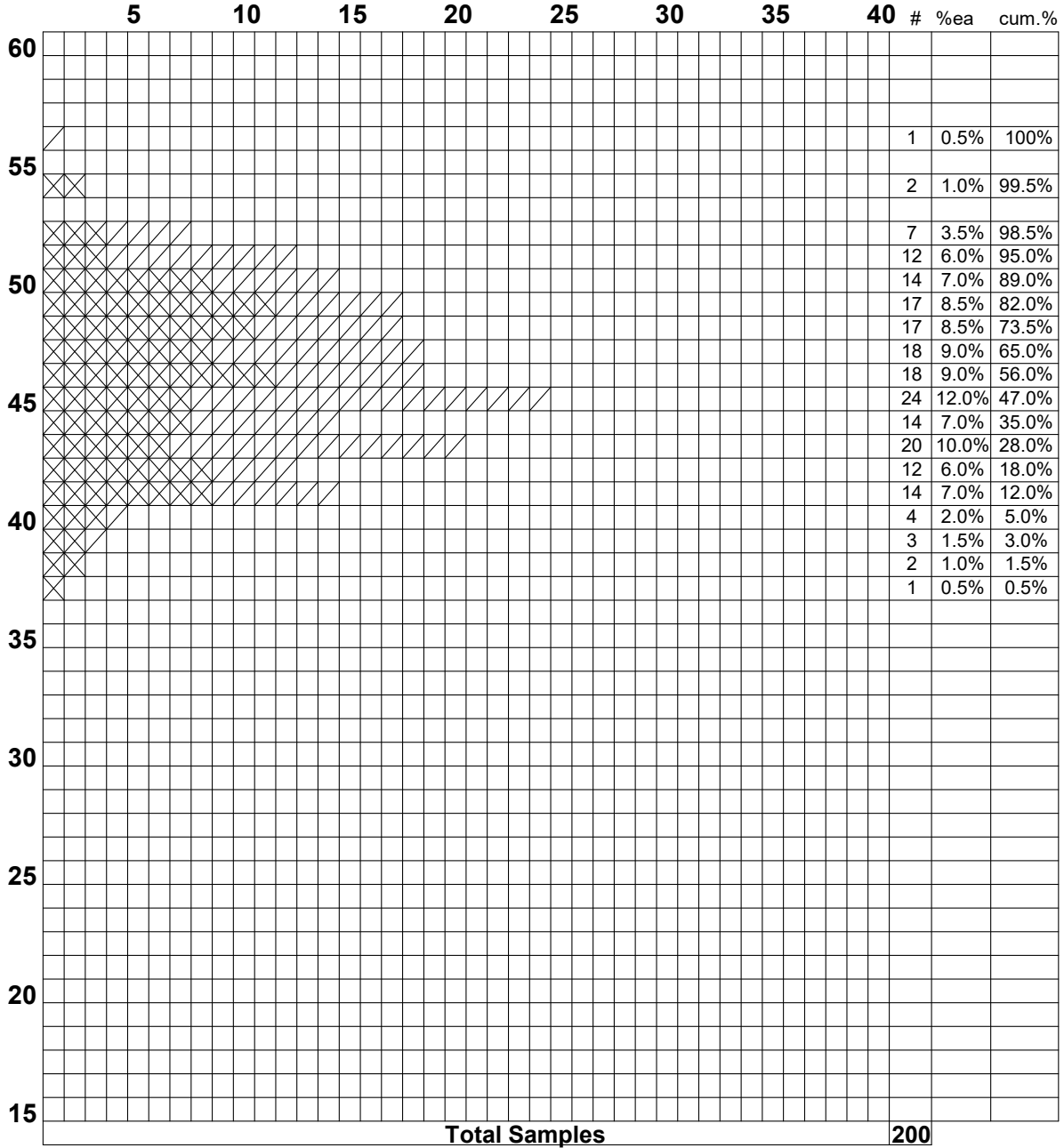
Factors	Direction: <u>North/South</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	220 FT South of Olympus
85th Percentile	49.4
10 mph Pace	41 - 50
Percent in Pace	84.0%
Posted Speed Limit	45
<u>B. Collision History</u>	
Date Range	6/8/2019 To 6/8/2022 (3 Years)
Total Collisions	2
Collision Rate (Acc/MVM)	0.141
Expected Collision Rate	2.55
<u>C. Traffic Factors</u>	
Average Daily Traffic	28446
Length of Segment	2394
Lane Configuration	3 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	Straight and Flat
Comments	Numerous commercial driveways; Class II bike lanes
<u>E. Adjacent Land Use</u>	
	Commercial
Posted Speed Limit	45
Speed Limit Change?	No
Revised Speed Limit	45
Approved and Authorized for release by City of Roseville Traffic Engineering Department:	
 _____	<u>10-6-2022</u> Date
	Loc. #

**City of Roseville
Traffic Engineering Department**

Street Name: SIERRA COLLEGE BL
Limits: DOUGLAS BL to OLYMPUS DR

Radar Survey Sheet

X=North / =South



85th Percentile Speed: 49.4
50th Percentile Speed: 45.3
15th Percentile Speed: 41.5
10 MPH Pace: 41- 50
Number in Pace: 168
Percent in Pace: 84.0%

Date of Survey: 8/10/2022 Start Time: 9:36
Weather: Clear End Time: 10:05
Road Condition: Good Posted Speed: 45
Street Class.: Arterial
Observer: RY & AZ
Conditions not Apparent: See: Roadside Conditions on the Speed Zone Survey Map

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

Date: 8-10-2022 Location # _____

Street Name: Sierra College Blvd Observer: RY & AZ

Limits: Douglas to olympus Location of Survey: 220' S of olympus

Weather: Clear
Road Cond: _____
Posted Speed: 45
Lane Config: _____
Adjacent Land Use: _____

Roadway Geometrics: _____
Conditions Not Apparent: _____
Start Time: 9:36
End Time: 10:05

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

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18. <u>43</u>	38. <u>43</u>	58. <u>44</u>	78. <u>45</u>	98. <u>41</u>
19. <u>46</u>	39. <u>50</u>	59. <u>51</u>	79. <u>45</u>	99. <u>47</u>
20. <u>46</u>	40. <u>42</u>	60. <u>49</u>	80. <u>37</u>	100. <u>42</u>

Comments: