

RESOLUTION NO. 7008

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS  
ESTABLISHING TRAFFIC REGULATIONS PURSUANT TO TITLE 10 OF THE  
REDLANDS MUNICIPAL CODE

WHEREAS, pursuant to studies made under the authority of Title 10 of the Redlands Municipal Code, and the presentation of information contained in such studies, the City Council of the City of Redlands has determined that certain traffic regulations are necessary to protect the public health, safety and welfare and should be established pursuant to Title 10 of the Redlands Municipal Code;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF REDLANDS as follows:

Section 1. Pursuant to Section 10.24.010 of the Redlands Municipal Code, a traffic engineering investigation (Engineering and Traffic Survey and Speed Survey Data sheets), attached hereto as Exhibit "A" and made a part hereof, has been conducted for the following highways and the following speed limits are hereby found most appropriate to facilitate the orderly movement of traffic, and are reasonable and safe:

Highway: Garden Street

Date of Study: August 2, 2010

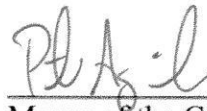
Speed Limits as follows:

35 mph on Garden Street between Cajon Street and Elizabeth Street.

Section 2. The City Council further determines that the approval of this Resolution is exempt from review under the California Environmental Quality Act ("CEQA") pursuant to CEQA Guidelines section 1506(b)(3) which provides that CEQA applies only to projects which have the potential for causing a significant effect on the environment. This City Council finds that it can be seen with certainty that there is no possibility that the approval of this Resolution may have a significant effect on the environment.

Section 3. The City Engineer of the City of Redlands is hereby directed to perform such acts as are necessary to implement this Resolution.

ADOPTED, SIGNED AND APPROVED THIS 7TH DAY OF DECEMBER, 2010.



\_\_\_\_\_  
Mayor of the City of Redlands

ATTEST:



\_\_\_\_\_  
City Clerk of the City of Redlands

I, Sam Irwin, City Clerk of the City of Redlands, hereby certify that the foregoing Resolution No. 7008 was duly adopted by the City Council at a regular meeting thereof, held on the 7th day of December, 2010, by the following vote:

AYES: Councilmembers Harrison, Bean, Foster, Gardner; Mayor Aguilar

NOES: None

ABSENT: None

ABSTAIN: None



\_\_\_\_\_  
City Clerk, City of Redlands

## EXHIBIT "A"

### ENGINEERING AND TRAFFIC SURVEY

**HIGHWAY UNDER SURVEY:** Garden Street  
**AREA OF:** Between Cajon Street and Elizabeth Street  
**DATE OF SURVEY:** August 2, 2010

#### RECOMMENDATIONS:

The California Manual on Uniform Traffic Control Devices (CAMUTCD) and the California Vehicle Code (CVC) Section 627 establishes current procedures for establishing speed limits on local streets. The current criteria states that the posted speed limit may be reduced by 5 mph from the nearest 5 mph increment of the 85<sup>th</sup> percentile speed also known as the critical speed where an engineering study indicates the need for a reduction in speed to match existing conditions with the traffic safety needs of the community.

There were a total of 2 reported midblock accidents on Garden Street from Cajon Street to Mariposa Drive from 2005 to 2008. The expected accident rate for a two lane urban roadway is 1.98.

Accident rate = number of midblock accidents per year x  $10^6$  / 24 hour volume x 365 x length x number of years

The traffic accident rate on Garden Street is as follows:

Cajon Street to Mariposa Drive =  $2 \times 10^6$  /  $3431 \times 365 \times 1.36 \times 4 = 0.29$

The calculated accident rate is well below the expected accident rate for this roadway.

The existing posted speed limit on Garden Street from Cajon Street to Elizabeth Street is 35 mph. The area is bounded by single family homes and an elementary school a few blocks away. The roadway is striped with a continuous left turn median from Cajon Street to Elizabeth Street. There is one lane of traffic in each direction. The survey results are as follows:

|                                              |                                                                                 |
|----------------------------------------------|---------------------------------------------------------------------------------|
| Between Cajon Street and Hilton Avenue -     | Critical Speed – 41.2 mph<br>Average Speed – 35.8 mph<br>Pace Speed – 33-42 mph |
| Between Hilton Avenue and Elizabeth Street - | Critical Speed – 42.0 mph<br>Average Speed – 37.2 mph<br>Pace Speed – 33-42 mph |

The 85 percentile speed rounds off to 40 mph for these two street segments, it is recommended that these segments be further reduced by 5 mph to 35 mph because of the surrounding single family residences and pedestrian traffic in this area due to the close proximity to Kimberly Elementary School.

Prepared by:



**ART CREEF**  
Associate Engineer

Concurrence by:

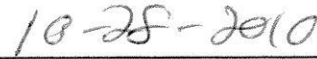


**ROSEMARY HOERNING**  
City Engineer

Reviewed by Traffic and Parking Commission:



Signature

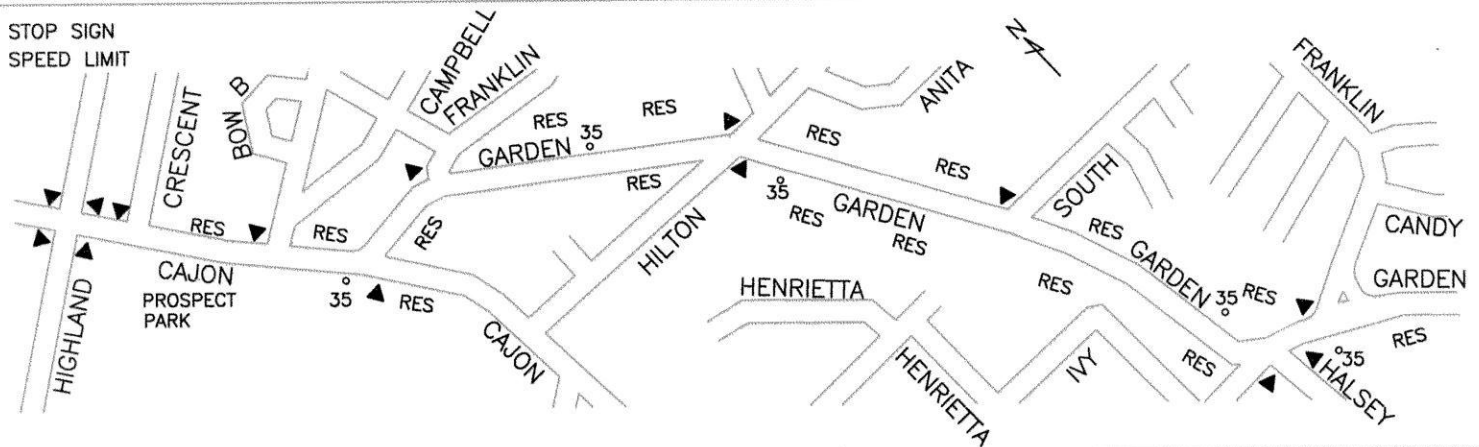


Date

SPEED SURVEY  
WORKSHEET

GARDEN STREET  
BETWEEN HIGHLAND AVE.  
AND FRANKLIN AVE.  
DATE OF SURVEY 8/2/2010

▲ STOP SIGN  
○ SPEED LIMIT



DEVELOPMENT  
ROADWAY WIDTH  
NO. OF STRIPED LANES  
TYPE OF STRIPING  
TRAFFIC CONTROLS

RESIDENCES

VARIES

2

STRIPED CENTERLINE MEDIAN

CROSS STREETS STOPPED

OBSERVED SPEED - CRITICAL  
OBSERVED SPEED - PACE & AVG.  
EXISTING SPEED ZONE  
PROPOSED SPEED LIMIT

41.2

33-42 35.8

35

35

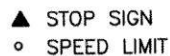
42.0

33-42 37.2

35

35

GARDEN STREET  
BETWEEN FRANKLIN AVE.  
AND MARIPOSA DR.  
DATE OF SURVEY 8/2/2010



RESIDENCES  
VARIES  
2  
DOUBLE YELLOW  
CROSS STREETS STOPPED  
43.0  
34-43 38.4  
35  
35

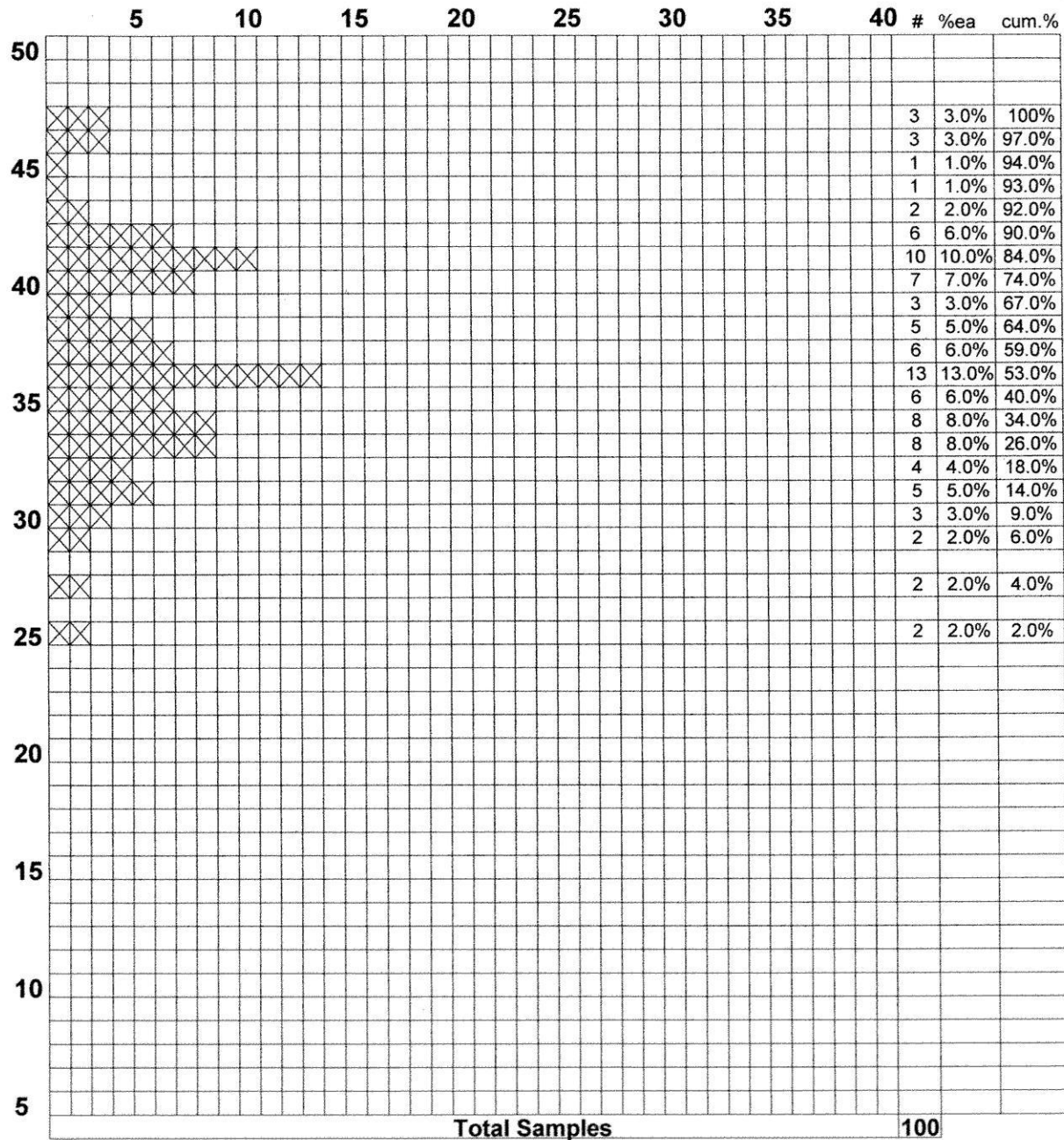
**City of Redlands Department of Public Works  
Traffic Engineering Department**

Street Name: GARDEN ST

Limits: CAJON ST to HILTON AVE

**Radar Survey Sheet**

X=North/South



85th Percentile Speed: 41.2  
 50th Percentile Speed: 35.8  
 15th Percentile Speed: 31.3  
 10 MPH Pace: 33- 42  
 Number in Pace: 72  
 Percent in Pace: 72.0%

Date of Survey: 8/2/2010  
 Weather: Clear  
 Road Condition: Good  
 Street Class.: Collector  
 Conditions not  
 Apparent:

Start Time: 10:57  
 End Time: 11:30  
 Posted Speed: 35  
 Observer: M. HALEY

# City of Redlands Department of Public Works

## Engineering and Traffic Survey

### Summary

Street: GARDEN ST  
 Limits: CAJON ST  
HILTON AVE

Field Observer M. HALEY  
 Checked By:  
 Date: 8/2/2010

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Direction: <u>North/South</u> |
| <b><u>A. Prevailing Speed Data</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |
| Location of Survey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | AT FRANKLIN WAY               |
| 85th Percentile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 41.2                          |
| 10 mph Pace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 33 - 42                       |
| Percent in Pace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 72.0%                         |
| Posted Speed Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 35                            |
| <b><u>B. Collision History</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
| Date Range Covered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | To ( )                        |
| Total Collisions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |
| Collision Rate (Acc/MVM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |
| Expected Collision Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                               |
| <b><u>C. Traffic Factors</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |
| Average Daily Traffic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |
| Length of Segment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |
| Lane Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Single Lane Each Direction    |
| Street Classification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Collector                     |
| <b><u>D. Conditions Not Readily Apparent</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |
| Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
| Roadway Geometrics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
| Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               |
| <b><u>E. Adjacent Land Use</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Single Family Residential     |
| Posted Speed Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 35                            |
| Speed Limit Change?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |
| Revised Speed Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |
| Approved and Authorized for release by City of Redlands Department of Public Works:<br><br><div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 60%; border-top: 1px solid black;"></div> <div style="width: 35%; text-align: center;"> <div style="border-top: 1px solid black; margin-bottom: 5px;"></div>             Date           </div> <div style="width: 5%; text-align: center;"> <div style="border-top: 1px solid black; margin-bottom: 5px;"></div>             Loc. #           </div> </div> |                               |

City of Redlands  
Traffic Engineering Department

Radar Speed Data Work Sheet

Date: 8-2-10

Location # 1

Street Name: GARDEN STREET

Observer: X-28 M HALEY

Limits: CANYON ST -> HILTON

Location of Survey: AT FRANKLIN

Weather: CLEAR SUNNY

Roadway Geometrics: \_\_\_\_\_

Road Cond: DRY

Conditions Not Apparent: \_\_\_\_\_

Posted Speed: 35 MPH

Start Time: 1057

Lane Config: \_\_\_\_\_

End Time: 1130

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: NORTH

Direction: SOUTH

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

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

Comments:

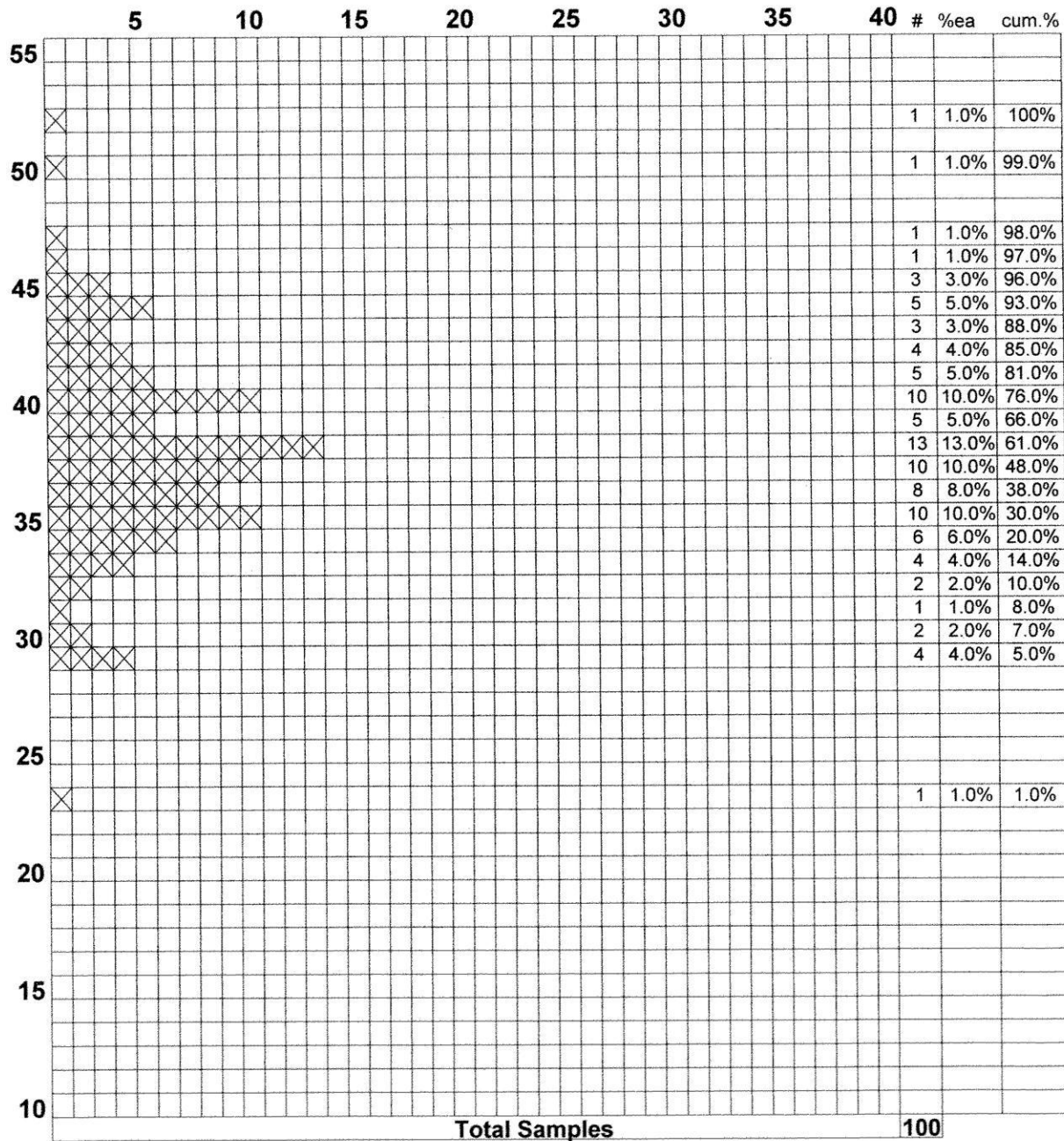
**City of Redlands Department of Public Works  
Traffic Engineering Department**

Street Name: GARDEN ST

Limits: HILTON AVE to ELIZABETH ST

**Radar Survey Sheet**

X=North/South



85th Percentile Speed: 42.0  
 50th Percentile Speed: 37.2  
 15th Percentile Speed: 33.2  
 10 MPH Pace: 33- 42  
 Number in Pace: 75  
 Percent in Pace: 75.0%

Date of Survey: 8/2/2010  
 Weather: Clear  
 Road Condition: Good  
 Street Class.: Collector  
 Conditions not  
 Apparent:

Start Time: 1:00  
 End Time: 1:40  
 Posted Speed: 35  
 Observer: M. HALEY

**City of Redlands Department of Public Works  
Engineering and Traffic Survey  
Summary**

Street: GARDEN ST  
Limits: HILTON AVE  
ELIZABETH ST

Field Observer M. HALEY  
Checked By:  
Date: 8/2/2010

|                                                                                                                                      |                               |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Factors                                                                                                                              | Direction: <u>North/South</u> |
| <b><u>A. Prevailing Speed Data</u></b>                                                                                               |                               |
| Location of Survey                                                                                                                   | AT SOUTH AVE                  |
| 85th Percentile                                                                                                                      | 42.0                          |
| 10 mph Pace                                                                                                                          | 33 - 42                       |
| Percent in Pace                                                                                                                      | 75.0%                         |
| Posted Speed Limit                                                                                                                   | 35                            |
| <b><u>B. Collision History</u></b>                                                                                                   |                               |
| Date Range Covered                                                                                                                   | To ( )                        |
| Total Collisions                                                                                                                     |                               |
| Collision Rate (Acc/MVM)                                                                                                             |                               |
| Expected Collision Rate                                                                                                              |                               |
| <b><u>C. Traffic Factors</u></b>                                                                                                     |                               |
| Average Daily Traffic                                                                                                                |                               |
| Length of Segment                                                                                                                    |                               |
| Lane Configuration                                                                                                                   | Single Lane Each Direction    |
| Street Classification                                                                                                                | Collector                     |
| <b><u>D. Conditions Not Readily Apparent</u></b>                                                                                     |                               |
| Conditions                                                                                                                           |                               |
| Roadway Geometrics                                                                                                                   |                               |
| Comments                                                                                                                             |                               |
| <b><u>E. Adjacent Land Use</u></b>                                                                                                   | Single Family Residential     |
| Posted Speed Limit                                                                                                                   | 35                            |
| Speed Limit Change?                                                                                                                  |                               |
| Revised Speed Limit                                                                                                                  |                               |
| Approved and Authorized for release by City of Redlands Department of Public Works:                                                  |                               |
| <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div>_____</div><div>_____</div><div>_____</div></div> |                               |
| Date Loc. #                                                                                                                          |                               |

**City of Redlands**  
**Traffic Engineering Department**

**Radar Speed Data Work Sheet**

Date: 8-2-10

Location # 2

Street Name: GARDEN STREET

Observer: X-28 M HALEY

Limits: HILTON -> ELIZABETH

Location of Survey: AT SOUTH

Weather: CLEAR SUNNY

Roadway Geometrics: \_\_\_\_\_

Road Cond: DRU

Conditions Not Apparent: \_\_\_\_\_

Posted Speed: 135 MPH

Start Time: 1300

Lane Config: \_\_\_\_\_

End Time: 1340

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: NORTH

Direction: SOUTH

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

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

Comments:



**City of Redlands Department of Public Works  
Engineering and Traffic Survey  
Summary**

Street: GARDEN ST  
Limits: ELIZABETH ST  
MARIPOSA DR

Field Observer M. HALEY  
Checked By:  
Date: 8/2/2010

|                                                                                                                                      |                                               |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>Factors</b>                                                                                                                       | <b>Direction:</b> <u>North/South</u>          |
| <b><u>A. Prevailing Speed Data</u></b>                                                                                               |                                               |
| Location of Survey                                                                                                                   | HALF WAY BETWEEN ELIZABETH ST AND MARIPOSA DR |
| 85th Percentile                                                                                                                      | 43.0                                          |
| 10 mph Pace                                                                                                                          | 34 - 43                                       |
| Percent in Pace                                                                                                                      | 76.0%                                         |
| Posted Speed Limit                                                                                                                   | 35                                            |
| <b><u>B. Collision History</u></b>                                                                                                   |                                               |
| Date Range Covered                                                                                                                   | To ( )                                        |
| Total Collisions                                                                                                                     |                                               |
| Collision Rate (Acc/MVM)                                                                                                             |                                               |
| Expected Collision Rate                                                                                                              |                                               |
| <b><u>C. Traffic Factors</u></b>                                                                                                     |                                               |
| Average Daily Traffic                                                                                                                |                                               |
| Length of Segment                                                                                                                    |                                               |
| Lane Configuration                                                                                                                   | Single Lane Each Direction                    |
| Street Classification                                                                                                                | Collector                                     |
| <b><u>D. Conditions Not Readily Apparent</u></b>                                                                                     |                                               |
| Conditions                                                                                                                           |                                               |
| Roadway Geometrics                                                                                                                   |                                               |
| Comments                                                                                                                             |                                               |
| <b><u>E. Adjacent Land Use</u></b> Single Family Residential                                                                         |                                               |
| Posted Speed Limit                                                                                                                   | 35                                            |
| Speed Limit Change?                                                                                                                  |                                               |
| Revised Speed Limit                                                                                                                  |                                               |
| Approved and Authorized for release by City of Redlands Department of Public Works:                                                  |                                               |
| <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div>_____</div><div>_____</div><div>_____</div></div> |                                               |
| <div style="display: flex; justify-content: space-between;"><div>Date</div><div>Loc. #</div></div>                                   |                                               |

**City of Redlands**  
**Traffic Engineering Department**

**Radar Speed Data Work Sheet**

Date: 8-2-10/8-5-10

Location # 3

Street Name: GARDEN STREET

Observer: X-28 MHALEY

Limits: ELIZABETH → MARLBOROUGH

Location of Survey: 1/2 WAY BETWEEN

Weather: CLEAR SUNNY

Roadway Geometrics: \_\_\_\_\_

Road Cond: DRY

Conditions Not Apparent: \_\_\_\_\_

Posted Speed: 35 MPH

Start Time: 1345/1430

Lane Config: \_\_\_\_\_

End Time: 1430/1530

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: NORTH

Direction: SOUTH

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

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

Comments: \_\_\_\_\_

**City of Redlands**  
**Traffic Engineering Department**  
**Traffic Collision History Report**  
**Midblock Collisions**

9/29/2010  
Page 1

Arterial: GARDEN ST  
Limit 1: CAJON ST  
Limit 2: HILTON AVE

Total Number of Collisions: 0

Date Range Reported: 1/1/2005 - 12/31/2008

| Report No. | Date<br>Time | Dist/Dir | Location | Type of Collision | Motor Veh.<br>Involved With | DOT1 | MPC 1 | DOT2 | MPC 2 | PCF | #<br>Inj | #<br>Kld |
|------------|--------------|----------|----------|-------------------|-----------------------------|------|-------|------|-------|-----|----------|----------|
|------------|--------------|----------|----------|-------------------|-----------------------------|------|-------|------|-------|-----|----------|----------|

Total Number of Collisions: 0      Segment Length: 0.31 miles (1,658')

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**Settings Used For Query**

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**Parameter**

**Setting**

|                      |                                     |
|----------------------|-------------------------------------|
| Limit 1              | Do Not Include Intersection Related |
| Limit 2              | Do Not Include Intersection Related |
| Intersection Related | Do Not Include Intersection Related |
| Sorted By            | 'Date and Time'                     |

**City of Redlands**  
**Traffic Engineering Department**  
**Traffic Collision History Report**  
**Midblock Collisions**

9/29/2010  
Page 1

Arterial: GARDEN ST  
Limit 1: ELIZABETH ST  
Limit 2: MARIPOSA DR

Total Number of Collisions: 0  
Date Range Reported: 1/1/2005 - 12/31/2008

| Report No. | Date<br>Time | Dist/Dir | Location | Type of Collision | Motor Veh.<br>Involved With | DOT1 | MPC 1 | DOT2 | MPC 2 | PCF | #<br>Inj | #<br>Kld |
|------------|--------------|----------|----------|-------------------|-----------------------------|------|-------|------|-------|-----|----------|----------|
|------------|--------------|----------|----------|-------------------|-----------------------------|------|-------|------|-------|-----|----------|----------|

Total Number of Collisions: 0      Segment Length: 0.61 miles (3,201')

---

### Settings Used For Query

---

Parameter

Setting

|                      |                                     |
|----------------------|-------------------------------------|
| Limit 1              | Do Not Include Intersection Related |
| Limit 2              | Do Not Include Intersection Related |
| Intersection Related | Do Not Include Intersection Related |
| Sorted By            | 'Date and Time'                     |

**City of Redlands  
Traffic Engineering Department**

**Traffic Collision History Report  
Midblock Collisions**

9/29/2010  
Page 2

Arterial: GARDEN ST  
Limit 1: HILTON AVE  
Limit 2: ELIZABETH ST

Total Number of Collisions: 2

Date Range Reported: 1/1/2005 - 12/31/2008

| Report No. | Date<br>Time | Dist/Dir | Location | Type of Collision | Motor Veh.<br>Involved With | DOT1 | MPC 1 | DOT2 | MPC 2 | PCF | #<br>Inj | #<br>Kld |
|------------|--------------|----------|----------|-------------------|-----------------------------|------|-------|------|-------|-----|----------|----------|
|------------|--------------|----------|----------|-------------------|-----------------------------|------|-------|------|-------|-----|----------|----------|

Total Number of Collisions: 2      Segment Length: 0.44 miles (2,346')

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**Settings Used For Query**

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**Parameter**

**Setting**

|                      |                                     |
|----------------------|-------------------------------------|
| Limit 1              | Do Not Include Intersection Related |
| Limit 2              | Do Not Include Intersection Related |
| Intersection Related | Do Not Include Intersection Related |
| Sorted By            | 'Date and Time'                     |

**City of Redlands**  
**Traffic Engineering Department**

**Traffic Collision History Report**  
**Midblock Collisions**

9/29/2010  
Page 1

**Arterial:** GARDEN ST  
**Limit 1:** HILTON AVE  
**Limit 2:** ELIZABETH ST

**Total Number of Collisions:** 2

**Date Range Reported:** 1/1/2005 - 12/31/2008

| Report No. | Date<br>Time     | Dist/Dir         | Location               | Type of Collision | Motor Veh.<br>Involved With | DOT1  | MPC 1                  | DOT2 | MPC 2 | PCF                        | #<br>Inj | #<br>KId |
|------------|------------------|------------------|------------------------|-------------------|-----------------------------|-------|------------------------|------|-------|----------------------------|----------|----------|
| 1963823    | 3/5/05<br>03:02  | 53'<br>North of  | Garden St/Hilton Ave   | Hit Object        | Other Object                | North | Not Stated             |      |       | Driving Under<br>Influence | 0        | 0        |
| 3728503    | 4/16/08<br>08:14 | 300'<br>North of | Garden St/Elizabeth St | Hit Object        | Fixed Object                | North | Proceeding<br>Straight |      |       | Unsafe Speed               | 0        | 0        |