

RESOLUTION NO. 7002

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 I. 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 thereof, 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: Redlands Boulevard

Date of Study: September 10, 2010

Speed Limits as follows: 40 mph on Redlands Boulevard between California Street and Texas Street; 35 mph on Redlands Boulevard between Texas Street and Eureka Street; 30 mph on Redlands Boulevard between Eureka Street and Citrus Avenue; 50 mph on Redlands Boulevard between Highland Avenue and Ford Street.

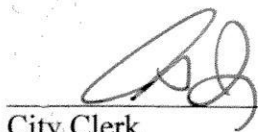
Section 2. The City Engineer of the City of Redlands is hereby directed to perform such acts as are necessary to effectuate this Resolution.

ADOPTED, SIGNED AND APPROVED this 19th day of October, 2010.



Mayor of the City of Redlands

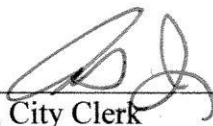
ATTEST:



City Clerk

I, Sam Irwin, City Clerk of the City of Redlands, hereby certify that the foregoing Resolution No. 7002 was duly adopted by the City Council at a regular meeting thereof held on the 19th day of October, 2010 by the following vote:

AYES: Councilmembers Bean, Harrison, Gallagher, Aguilar; Mayor Gilbreath
NOES: None
ABSENT: None
ABSTAIN: None



Sam Irwin, City Clerk
City of Redlands, California

EXHIBIT "A"

ENGINEERING AND TRAFFIC SURVEY

HIGHWAY UNDER SURVEY: Redlands Boulevard

AREA OF: Between California Street and Citrus Avenue
and between Highland Avenue and Ford Street

DATE OF SURVEY: September 10, 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 85th 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 92 reported midblock accidents on Redlands Boulevard from California Street to Ford Street from 2005 to 2008. The expected accident rate for four or more lanes for a divided urban roadway is 2.30.

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

The traffic accident rates on Redlands Boulevard are as follows:

California Street to Texas Street = $66 \times 10^6 / 44792 \times 365 \times 2.06 \times 4 = 0.49$
Texas Street to Citrus Avenue = $9 \times 10^6 / 18731 \times 365 \times 0.95 \times 4 = 0.35$
Citrus Avenue to Ford Street = $17 \times 10^6 / 18528 \times 365 \times 1.58 \times 4 = 0.40$

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

The existing posted speed limit on Redlands Boulevard between California Street and Texas Street is 40 mph. The area between California Street and Texas Street is bounded by numerous shopping and business centers. This segment contains eight signalized intersections. The directions of traffic are divided for most of this segment by either a striped median island or a raised median island. There are two lanes of traffic in each direction. The survey results are as follows:

Between California Street and Nevada Street -	Critical Speed – 38.4 mph Average Speed – 33.4 mph Pace Speed – 30-39 mph
Between Nevada Street and Iowa Street -	Critical Speed – 42.2 mph Average Speed – 36.9 mph Pace Speed – 33-42 mph

Between Iowa Street and Kansa Street -

**Critical Speed – 41.8 mph
Average Speed – 36.8 mph
Pace Speed – 34-43 mph**

Between Kansas Street and New York Street -

**Critical Speed – 43.7 mph
Average Speed – 38.9 mph
Pace Speed – 34-43 mph**

Between New York Street and Eureka Street -

**Critical Speed – 40.6 mph
Average Speed – 36.1 mph
Pace Speed – 32-41 mph**

The 85 percentile speed rounds off to 40 mph for all of the segments except between Kansas Street and New York Street. This segment rounds off to 45 mph, it is recommended that this segment be further reduced by 5 mph to 40 mph for speed continuity and because of the surrounding business districts and pedestrian traffic in this area due to the ESRI campus.

The existing posted speed limit on Redlands Boulevard between Texas Street and Eureka Street is 35 mph. It is recommended that this segment remain posted at 35 mph as it is a transitional speed zone for motorists who are approaching the lower speed limits in the downtown area.

The existing posted speed limit on Redlands Boulevard between Eureka Street and Citrus Avenue is 30 mph.

The survey results are as follows:

Between Eureka Street and Orange Street -

**Critical Speed – 32.9 mph
Average Speed – 28.8 mph
Pace Speed – 25-34 mph**

Between Orange Street and Citrus Avenue -

**Critical Speed – 34.3 mph
Average Speed – 29.8 mph
Pace Speed – 26-35 mph**

The 85 percentile speed rounds off to 35 mph for these segments, it is recommended that they be further reduced by 5 mph to 30 mph because of the downtown business district and the pedestrian traffic that occurs downtown.

The existing posted speed limit on Redlands Boulevard between Highland Avenue and Ford Street is 50 mph.

The survey results are as follows:

Between Highland Avenue and Ford Street -

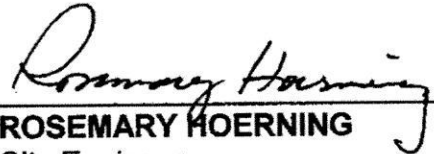
**Critical Speed – 56.9 mph
Average Speed – 50.9 mph
Pace Speed – 48-57 mph**

The 85 percentile speed rounds off to 55 mph for this segment, it is recommended that they be further reduced by 5 mph to 50 mph which is the existing posted speed limit.

Prepared by:

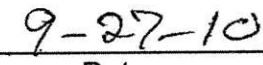

ART CREEF
Associate Engineer

Concurrence by:


ROSEMARY HOERNING
City Engineer

Reviewed by Traffic and Parking Commission:


Signature


Date

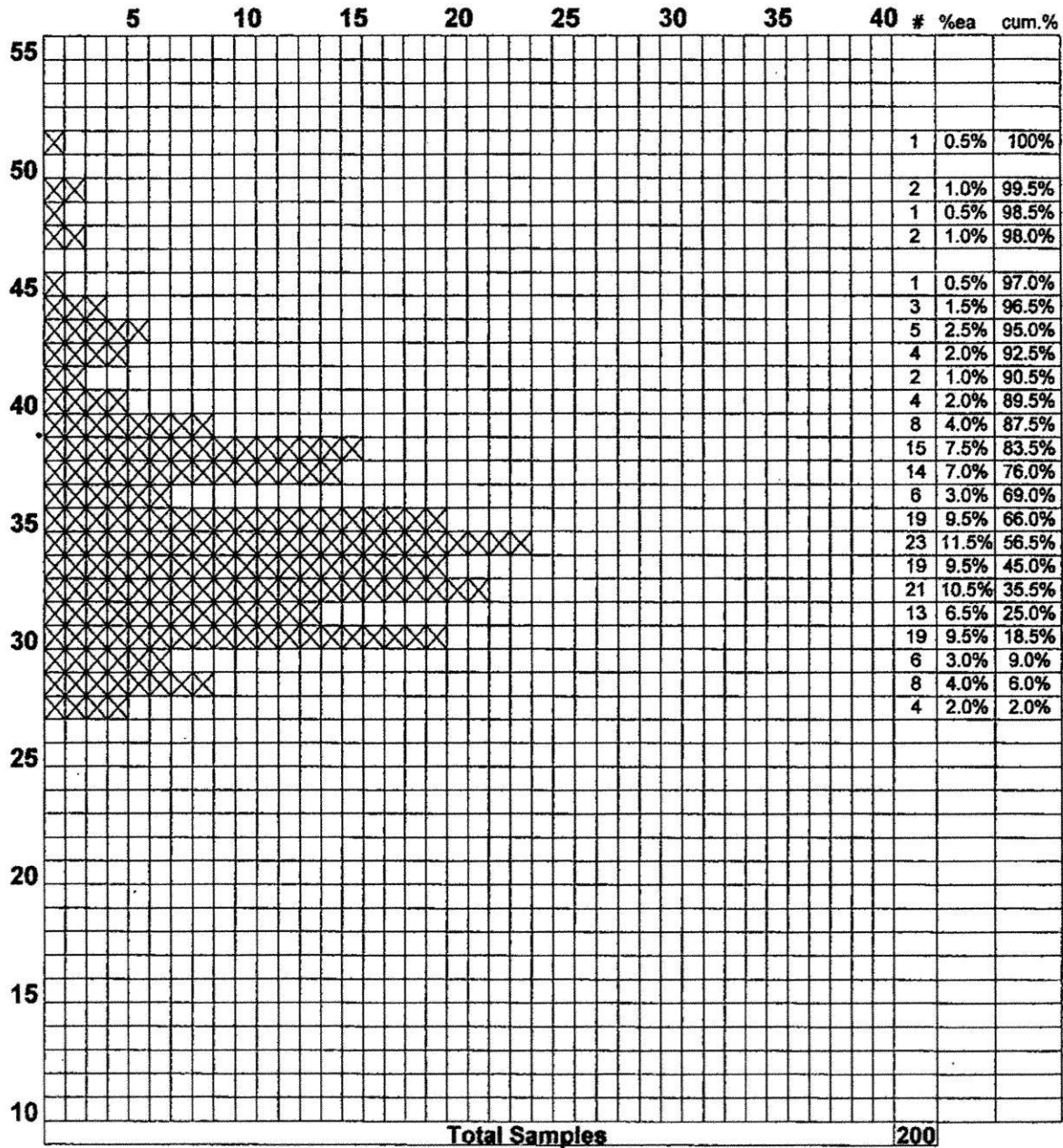
**City of Redlands Department of Public Works
Traffic Engineering Department**

Street Name: REDLANDS BLVD

Limits: CALIFORNIA ST to NEVADA ST

Radar Survey Sheet

X=East/West



85th Percentile Speed: 38.4
 50th Percentile Speed: 33.4
 15th Percentile Speed: 29.6
 10 MPH Pace: 30-39
 Number in Pace: 157
 Percent in Pace: 78.5%

Date of Survey: 9/1/2010

Weather: Clear

Road Condition: Good

Street Class.: Major Arterial

Conditions not
Apparent:

Start Time: 1:00

End Time: 2:32

Posted Speed: 40

Observer: M. HALEY

City of Redlands Department of Public Works

Engineering and Traffic Survey

Summary

Street: REDLANDS BLVD
 Limits: CALIFORNIA ST
NEVADA ST

Field Observer M. HALEY
 Checked By:
 Date: 9/1/2010

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	AT NEW JERSEY ST
85th Percentile	38.4
10 mph Pace	30 - 39
Percent in Pace	78.5%
Posted Speed Limit	40
<u>B. Collision History</u>	
Date Range Covered	To ()
Total Collisions	
Collision Rate (Acc/MVM)	
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	
Length of Segment	
Lane Configuration	2 Lanes with Left Turn Channelization
Street Classification	Major Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u>	Business District
Posted Speed Limit	40
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Department of Public Works: Date Loc. #	

City of Redlands
Traffic Engineering Department

Radar Speed Data Work Sheet

Date: 7-26-10

Location # 1

Street Name: REDLANDS BOULEVARD

Observer: X-28 M HALEY

Limits: CALIFORNIA ST. → NEW JERSEY ST.
NEVADA ST.

Location of Survey: AT NEW JERSEY ST.

Weather: High Clouds, Sunny

Roadway Geometrics: _____

Road Cond: RR4

Conditions Not Apparent: _____

Posted Speed: 40 MPH

Start Time: 1300

Lane Config: _____

End Time: 1432

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: WEST

Direction: EAST

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

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

Comments:

City of Redlands Department of Public Works

Engineering and Traffic Survey

Summary

Street: REDLANDS BLVD
 Limits: NEVADA ST
IOWA ST

Field Observer M. HALEY
 Checked By:
 Date: 7/26/2010

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	0.25 mi east of Nevada Street
85th Percentile	42.2
10 mph Pace	33 - 42
Percent in Pace	76.0%
Posted Speed Limit	40
<u>B. Collision History</u>	
Date Range Covered	To ()
Total Collisions	
Collision Rate (Acc/MVM)	
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	
Length of Segment	
Lane Configuration	2 Lanes with Left Turn Channelization
Street Classification	Major Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u>	
	Business District
Posted Speed Limit	40
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Department of Public Works: Date Loc. #	

City of Redlands
Traffic Engineering Department

Radar Speed Data Work Sheet

Date: 7-25-10

Location # 2

Street Name: REDLANDS BOULEVARD

Observer: X-28 M. HALEY

Limits: NEVADA ST → IDUA ST.

Location of Survey: ~25 MI E/DE NEVADA ST.

Weather: High Clouds, Sunny

Roadway Geometrics: _____

Road Cond: DRU

Conditions Not Apparent: _____

Posted Speed: 40 MPH

Start Time: 1438

Lane Config: _____

End Time: 1540

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: WEST

Direction: EAST

1. <u>38</u>	21. <u>34</u>	41. <u>36</u>	61. <u>39</u>	81. <u>36</u>
2. <u>36</u>	22. <u>37</u>	42. <u>32</u>	62. <u>47</u>	82. <u>35</u>
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8. <u>35</u>	28. <u>38</u>	48. <u>42</u>	68. <u>40</u>	88. <u>41</u>
9. <u>37</u>	29. <u>39</u>	49. <u>35</u>	69. <u>40</u>	89. <u>37</u>
10. <u>37</u>	30. <u>40</u>	50. <u>35</u>	70. <u>37</u>	90. <u>42</u>
11. <u>33</u>	31. <u>40</u>	51. <u>42</u>	71. <u>37</u>	91. <u>42</u>
12. <u>32</u>	32. <u>37</u>	52. <u>39</u>	72. <u>41</u>	92. <u>33</u>
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14. <u>38</u>	34. <u>36</u>	54. <u>35</u>	74. <u>43</u>	94. <u>34</u>
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17. <u>36</u>	37. <u>30</u>	57. <u>44</u>	77. <u>40</u>	97. <u>42</u>
18. <u>37</u>	38. <u>30</u>	58. <u>36</u>	78. <u>35</u>	98. <u>43</u>
19. <u>36</u>	39. <u>37</u>	59. <u>45</u>	79. <u>41</u>	99. <u>41</u>
20. <u>35</u>	40. <u>39</u>	60. <u>50</u>	80. <u>42</u>	100. <u>41</u>

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

Comments:

City of Redlands Department of Public Works

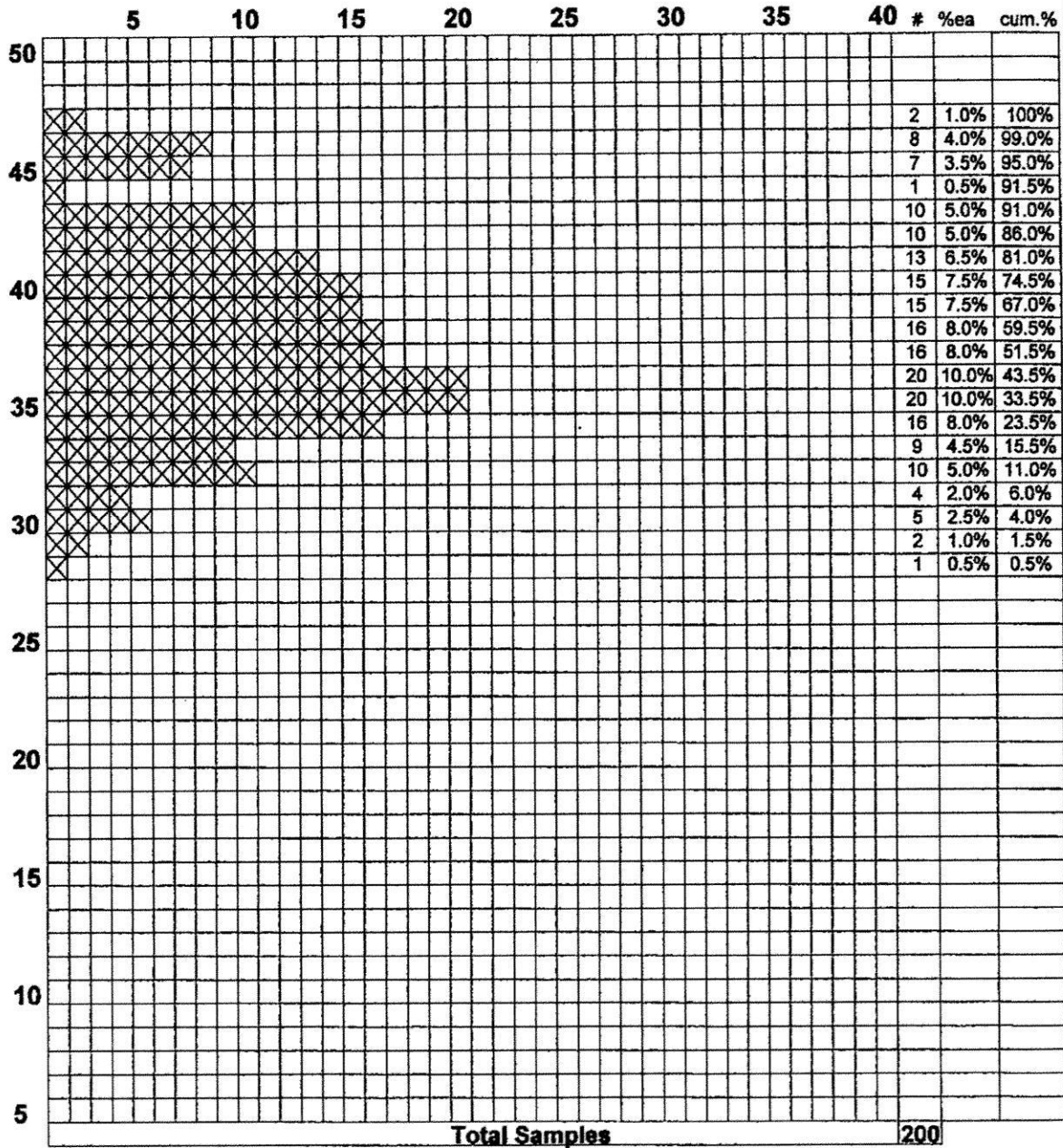
Traffic Engineering Department

Street Name: REDLANDS BLVD

Limits: IOWA ST to KANSAS ST

Radar Survey Sheet

X=East/West



85th Percentile Speed: 41.8
 50th Percentile Speed: 36.8
 15th Percentile Speed: 32.9
 10 MPH Pace: 34- 43
 Number in Pace: 151
 Percent in Pace: 75.5%

Date of Survey: 7/27/2010

Weather: Clear

Road Condition: Good

Street Class.: Major Arterial

Conditions not
Apparent:

Start Time: 9:00

End Time: 10:50

Posted Speed: 40

Observer: M. HALEY

City of Redlands Department of Public Works

Engineering and Traffic Survey

Summary

Street: REDLANDS BLVD
 Limits: IOWA ST
KANSAS ST

Field Observer M. HALEY
 Checked By:
 Date: 7/27/2010

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	AT ALABAMA ST
85th Percentile	41.8
10 mph Pace	34 - 43
Percent in Pace	75.5%
Posted Speed Limit	40
<u>B. Collision History</u>	
Date Range Covered	To ()
Total Collisions	
Collision Rate (Acc/MVM)	
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	
Length of Segment	
Lane Configuration	2 Lanes with Left Turn Channelization
Street Classification	Major Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u>	
	Business District
Posted Speed Limit	40
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Department of Public Works: Date Loc. #	

City of Redlands
Traffic Engineering Department

Radar Speed Data Work Sheet

Date: 7-27-10

Location # 3

Street Name: REYNOLDS BOULEVARD

Observer: X-28 M HALEY

Limits: IOWA ST → KANSAS ST.

Location of Survey: AT ALABAMA ST.

Weather: CLEAR SUNNY

Roadway Geometrics: _____

Road Cond: DRY

Conditions Not Apparent: _____

Posted Speed: 40 MPH

Start Time: 0900

Lane Config: _____

End Time: 1050

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: WEST

Direction: EAST

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

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

Comments:

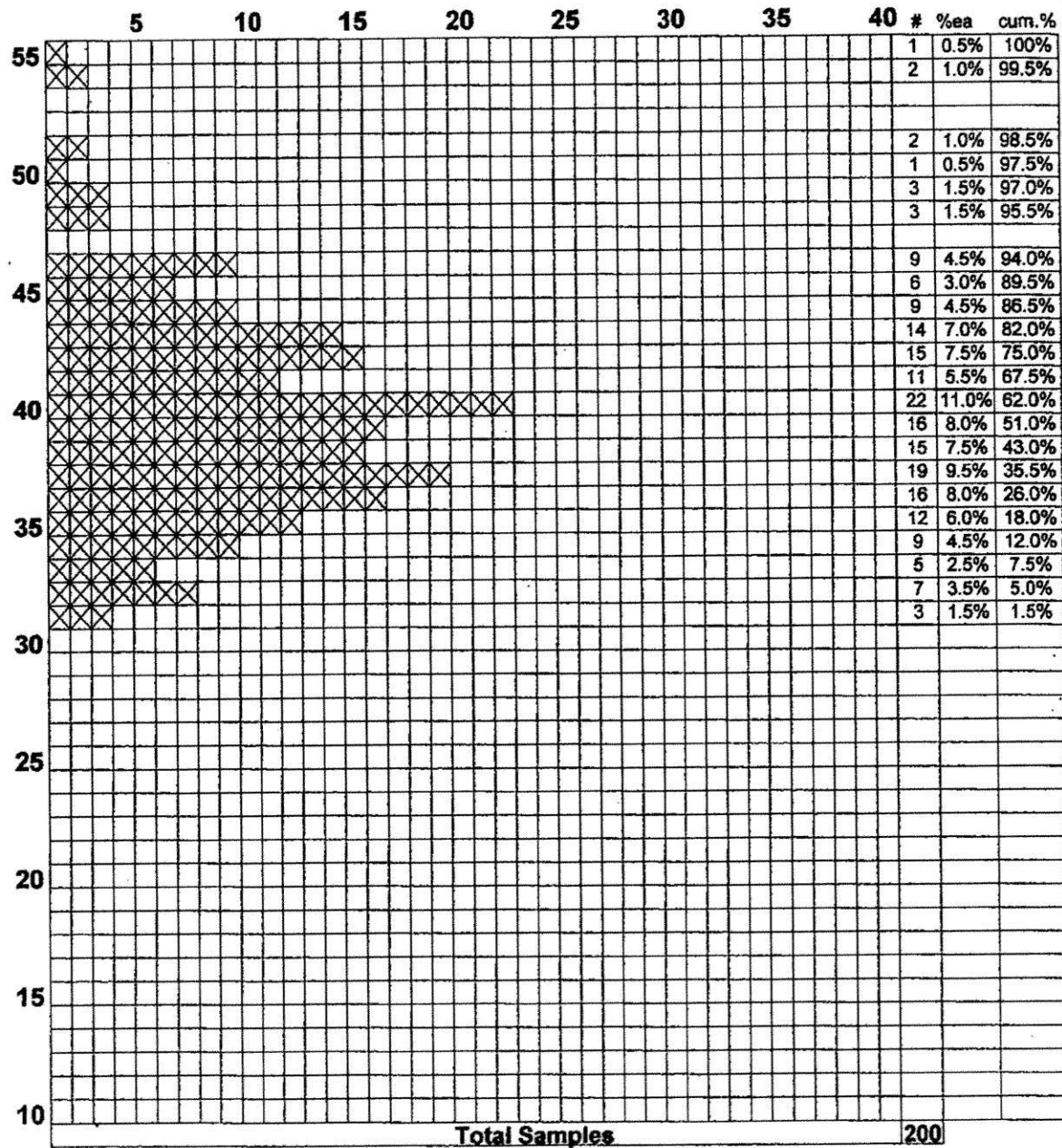
**City of Redlands Department of Public Works
Traffic Engineering Department**

Street Name: REDLANDS BLVD

Limits: KANSAS ST to NEW YORK ST

Radar Survey Sheet

X=East/West



85th Percentile Speed: 43.7
 50th Percentile Speed: 38.9
 15th Percentile Speed: 34.5
 10 MPH Pace: 34-43
 Number in Pace: 149
 Percent in Pace: 74.5%

Date of Survey: 7/27/2010 Start Time: 10:57
 Weather: Clear End Time: 12:00
 Road Condition: Good Posted Speed: 40
 Street Class.: Major Arterial Observer: M. HALEY
 Conditions not
 Apparent:

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

Street: REDLANDS BLVD
Limits: KANSAS ST
NEW YORK ST

Field Observer M. HALEY
Checked By:
Date: 7/27/2010

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	AT TENNESSEE ST.
85th Percentile	43.7
10 mph Pace	34 - 43
Percent in Pace	74.5%
Posted Speed Limit	40
<u>B. Collision History</u>	
Date Range Covered	To ()
Total Collisions	
Collision Rate (Acc/MVM)	
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	
Length of Segment	
Lane Configuration	2 Lanes with Left Turn Channelization
Street Classification	Major Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u> Business District	
Posted Speed Limit	40
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Department of Public Works:	
_____	_____
	Date
	Loc. #

**City of Redlands
Traffic Engineering Department**

Radar Speed Data Work Sheet

Date: 7-27-10

Location # 4

Street Name: REDLANDS BOULEVARD

Observer: X-28 M HALEY

Limits: KANSAS ST → NEW YORK ST

Location of Survey: AT TENNESSEE ST.

Weather: CLEAR, SUNNY

Roadway Geometrics: _____

Road Cond: DRY

Conditions Not Apparent: _____

Posted Speed: 40MPH

Start Time: 1057 / 1300

Lane Config: _____

End Time: 1200 / 1321

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: WEST

Direction: EAST

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

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

Comments:

City of Redlands Department of Public Works

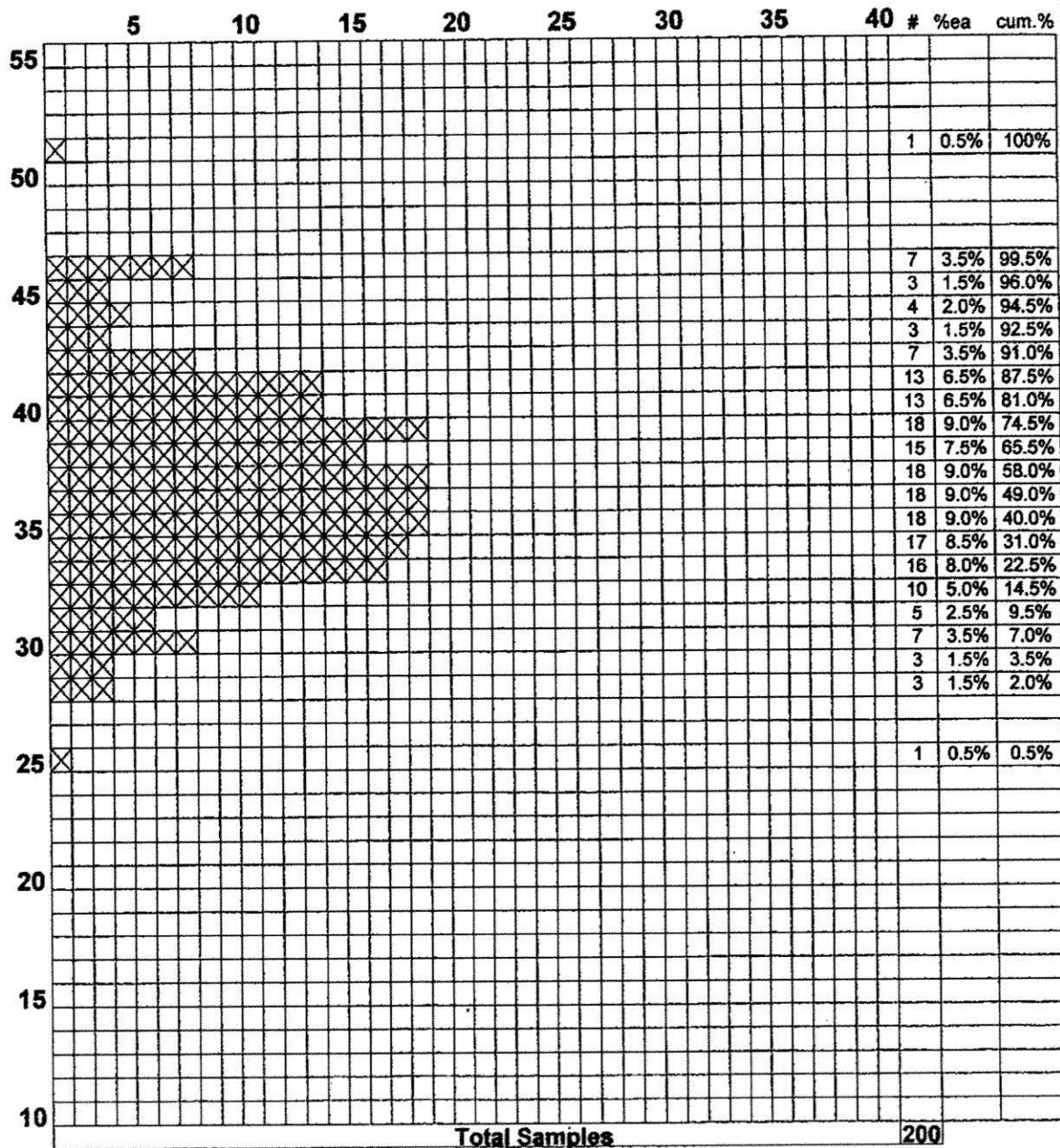
Traffic Engineering Department

Street Name: REDLANDS BLVD

Limits: NEW YORK ST to EUREKA ST

Radar Survey Sheet

X=East/West



85th Percentile Speed: 40.6

50th Percentile Speed: 36.1

15th Percentile Speed: 32.1

10 MPH Pace: 32-41

Number in Pace: 156

Percent in Pace: 78.0%

Date of Survey: 7/27/2010

Weather: Clear

Road Condition: Good

Street Class.: Major Arterial

Conditions not
Apparent:

Start Time: 1:25

End Time: 2:42

Posted Speed: 35

Observer: M. HALEY

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

Street: REDLANDS BLVD
Limits: NEW YORK ST
EUREKA ST

Field Observer M. HALEY
Checked By:
Date: 7/27/2010

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	AT TEXAS ST.
85th Percentile	40.6
10 mph Pace	32 - 41
Percent in Pace	78.0%
Posted Speed Limit	35
<u>B. Collision History</u>	
Date Range Covered	To ()
Total Collisions	
Collision Rate (Acc/MVM)	
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	
Length of Segment	
Lane Configuration	2 Lanes with Left Turn Channelization
Street Classification	Major Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u>	
	Business District
Posted Speed Limit	35
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Department of Public Works:	
_____	_____
	Date Loc. #

City of Redlands
Traffic Engineering Department

Radar Speed Data Work Sheet

Date: 7-27-10

Location # 5

Street Name: REDLANDS BOULEVARD

Observer: X-28 M HALEY

Limits: NEW YORK ST → EUREKA ST.

Location of Survey: AT TEXAS ST.

Weather: CLEAR SUNNY

Roadway Geometrics: _____

Road Cond: DRY

Conditions Not Apparent: _____

Posted Speed: _____

Start Time: 1:325

Lane Config. _____

End Time: 1:442

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: WEST

Direction: EAST

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

Comments:

City of Redlands Department of Public Works

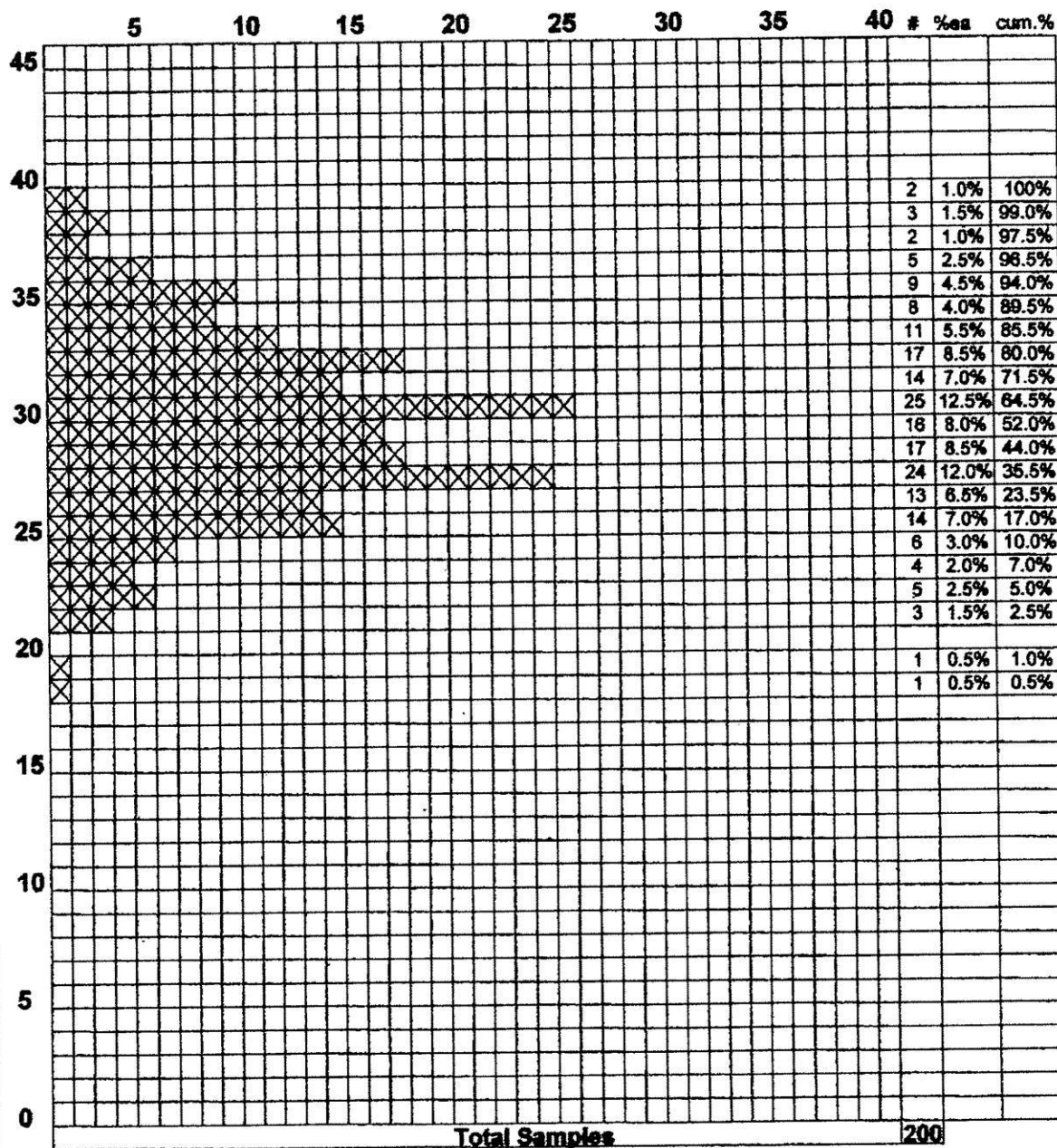
Traffic Engineering Department

Street Name: REDLANDS BLVD

Limits: EUREKA ST to ORANGE ST

Radar Survey Sheet

X=East/West



85th Percentile Speed: 32.9
 50th Percentile Speed: 28.8
 15th Percentile Speed: 24.7
 10 MPH Pace: 25-34
 Number in Pace: 159
 Percent in Pace: 79.5%

Date of Survey: 7/28/2010

Weather: Clear

Road Condition: Good

Street Class.: Major Arterial

Conditions not
Apparent:

Start Time: 10:30

End Time: 11:17

Posted Speed: 30

Observer: M. HALEY

City of Redlands Department of Public Works

Engineering and Traffic Survey

Summary

Street: REDLANDS BLVD
 Limits: EUREKA ST
ORANGE ST

Field Observer M. HALEY
 Checked By:
 Date: 7/28/2010

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	AT THIRD ST.
85th Percentile	32.9
10 mph Pace	25 - 34
Percent in Pace	79.5%
Posted Speed Limit	30
<u>B. Collision History</u>	
Date Range Covered	To ()
Total Collisions	
Collision Rate (Acc/MVM)	
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	
Length of Segment	
Lane Configuration	2 Lanes with Left Turn Channelization
Street Classification	Major Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u>	
	Business District
Posted Speed Limit	30
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Department of Public Works: Date Loc. #	

City of Redlands
Traffic Engineering Department

Radar Speed Data Work Sheet

WEST EAST
Date: 7-27-10 / 7-28-10

Location # 6

Street Name: RONALDS BOULEVARD

Observer: X-28 M. HALEY

Limits: EUREKA ST → ORANGE ST.

Location of Survey: AT THIRD ST.

Weather: CLEAR, SUNNY

Roadway Geometrics: _____

Road Cond: DRY

Conditions Not Apparent: _____

Posted Speed: 30 MPH

Start Time: 1446 / 1030

Lane Config: _____

End Time: 1530 / 1117

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: WEST

Direction: EAST

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

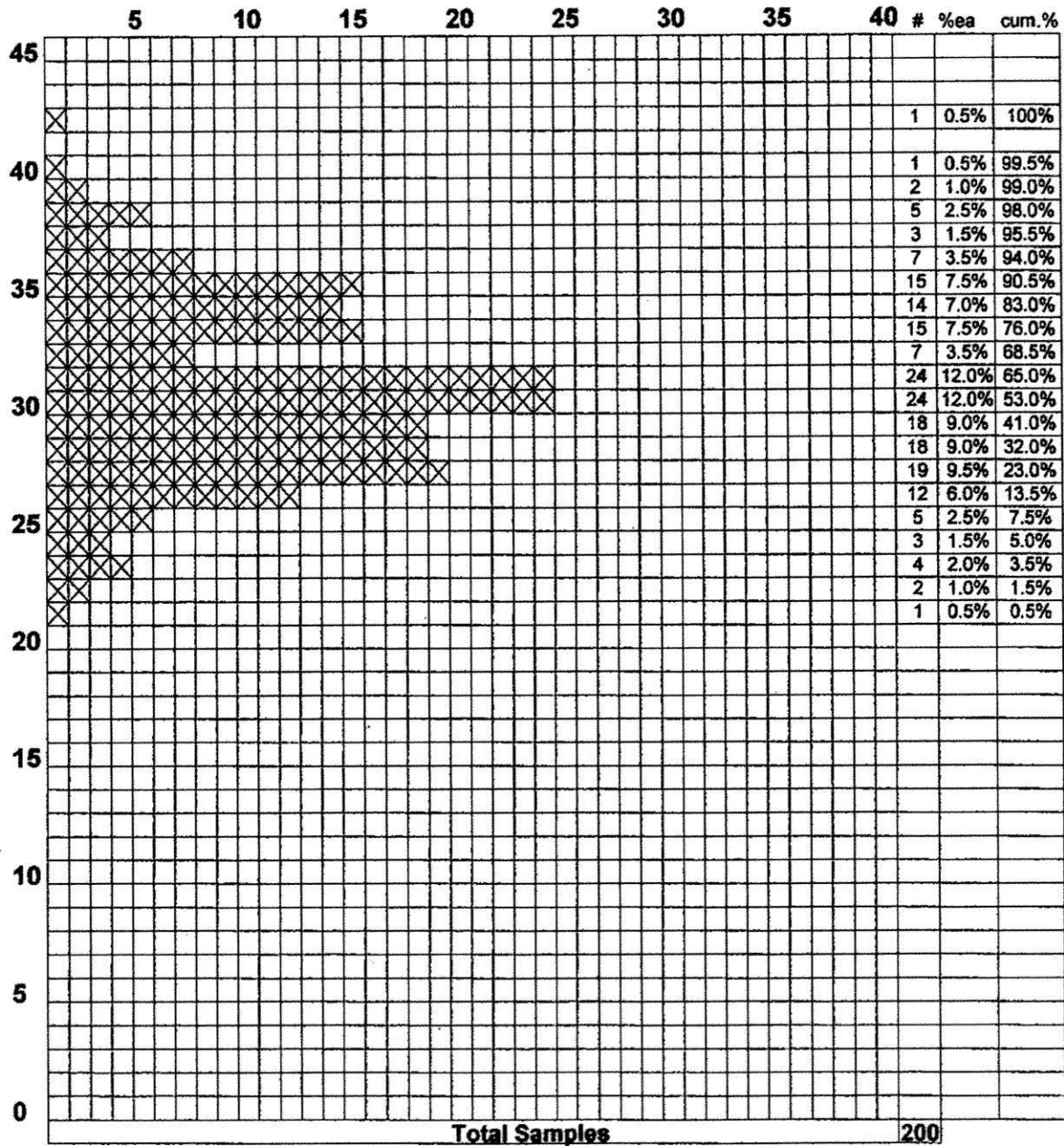
1. <u>18</u>	21. <u>32</u>	41. <u>32</u>	61. <u>30</u>	81. <u>26</u>
2. <u>19</u>	22. <u>29</u>	42. <u>25</u>	62. <u>24</u>	82. <u>26</u>
3. <u>35</u>	23. <u>30</u>	43. <u>24</u>	63. <u>26</u>	83. <u>29</u>
4. <u>30</u>	24. <u>21</u>	44. <u>28</u>	64. <u>28</u>	84. <u>33</u>
5. <u>32</u>	25. <u>26</u>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

Comments:

Traffic Engineering Department

Limits: ORANGE ST to CITRUS AVE

X=East/West



85th Percentile Speed:	<u>34.3</u>
50th Percentile Speed:	<u>29.8</u>
15th Percentile Speed:	<u>26.2</u>
10 MPH Pace:	<u>26-35</u>
Number in Pace:	<u>166</u>
Percent in Pace:	<u>83.0%</u>

Conditions not Apparent:

Observer: M. HALEY

City of Redlands Department of Public Works

Engineering and Traffic Survey

Summary

Street: REDLANDS BLVD
 Limits: ORANGE ST
CITRUS AVE

Field Observer M. HALEY
 Checked By:
 Date: 7/28/2010

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	AT SEVENTH ST.
85th Percentile	34.3
10 mph Pace	26 - 35
Percent in Pace	83.0%
Posted Speed Limit	30
<u>B. Collision History</u>	
Date Range Covered	To ()
Total Collisions	
Collision Rate (Acc/MVM)	
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	
Length of Segment	
Lane Configuration	2 Lanes with Left Turn Channelization
Street Classification	Major Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u>	
	Business District
Posted Speed Limit	30
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Department of Public Works: Date Loc. #	

**City of Redlands
Traffic Engineering Department**

Radar Speed Data Work Sheet

Date: 7-28-16

Location # 7

Street Name: REDLANDS BOULEVARD

Observer: X-28 M HALEY

Limits: ORANGE ST. -> CITRUS AVE.

Location of Survey: AT SEVENTH ST

Weather: CLEAR SUNNY

Roadway Geometrics: _____

Road Cond: DRY

Conditions Not Apparent: _____

Posted Speed: 30 MPH

Start Time: 1120/1300

Lane Config: _____

End Time: 1200/1341

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: WEST

Direction: EAST

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

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

Comments:

City of Redlands Department of Public Works

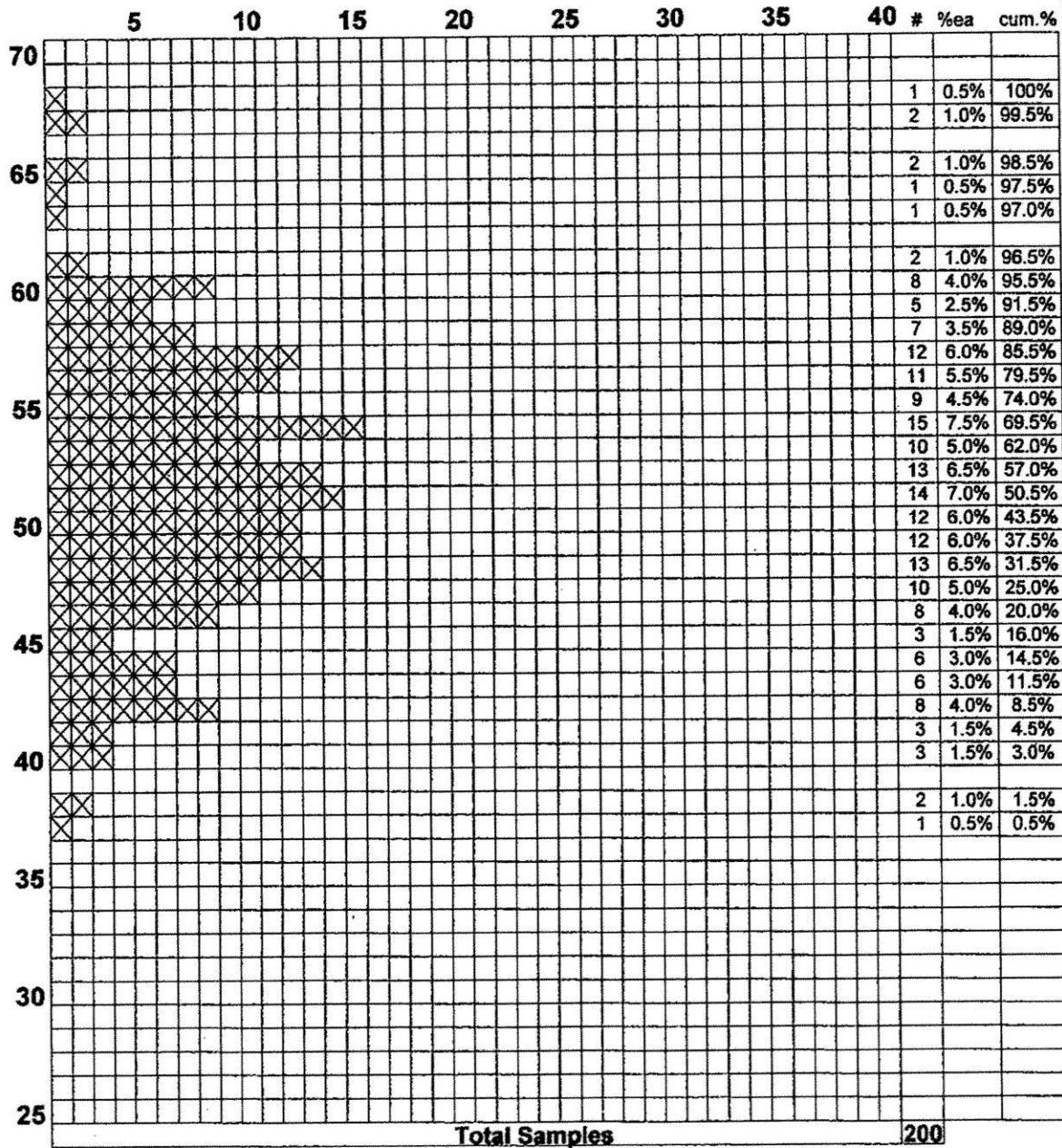
Traffic Engineering Department

Street Name: REDLANDS BLVD

Limits: HIGHLAND AVE to FORD ST

Radar Survey Sheet

X=North/South



85th Percentile Speed: 56.9
 50th Percentile Speed: 50.9
 15th Percentile Speed: 44.3
 10 MPH Pace: 48-57
 Number in Pace: 121
 Percent in Pace: 60.5%

Date of Survey: 8/2/2010

Weather: Clear

Road Condition: Good

Street Class.: Major Arterial

Conditions not
Apparent:

Start Time: 10:07

End Time: 10:50

Posted Speed: 50

Observer: M. HALEY

City of Redlands Department of Public Works

Engineering and Traffic Survey

Summary

Street: REDLANDS BLVD
 Limits: HIGHLAND AVE
FORD ST

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

Factors	Direction: <u>North/South</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	HALF WAY BETWEEN HIGHLAND AVE. AND FORD ST.
85th Percentile	56.9
10 mph Pace	48 - 57
Percent in Pace	60.5%
Posted Speed Limit	50
<u>B. Collision History</u>	
Date Range Covered	To ()
Total Collisions	
Collision Rate (Acc/MVM)	
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	
Length of Segment	
Lane Configuration	2 Lanes with Left Turn Channelization
Street Classification	Major Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u>	Business District
Posted Speed Limit	50
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Department of Public Works: Date Loc. #	

**City of Redlands
Traffic Engineering Department**

Radar Speed Data Work Sheet

Date: 8-2-10

Location # 11

Street Name: REDLANDS BOULEVARD

Observer: X-28 M HALEY

Limits: HIGHLAND AVE → FORD ST.

Location of Survey: 1/2 WAY BETWEEN

Weather: CLEAR, SUNNY

Roadway Geometrics: _____

Road Cond: DRY

Conditions Not Apparent: _____

Posted Speed: 50 MPH

Start Time: 1007

Lane Config: _____

End Time: 1050

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

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

Comments:

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

9/13/2010
Page 7

Arterial: REDLANDS BLVD
Limit 1: CALIFORNIA ST
Limit 2: TEXAS ST

Total Number of Collisions: 66
Date Range Reported: 1/1/2005 - 12/31/2008

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
Total Number of Collisions: 66 Segment Length: 2.06 miles (10,901')												

Settings Used For Query

<u>Parameter</u>	<u>Setting</u>
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

9/13/2010

Page 1

Arterial: REDLANDS BLVD

Limit 1: CALIFORNIA ST

Limit 2: TEXAS ST

Total Number of Collisions: 66

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
1858265	1/3/05 15:34	528' West of	Redlands Blvd/Nevada St	Sideswipe	Other Motor Vehicle	East	Proceeding Straight	East	Changing Lanes	Unsafe Lane Change	0	0
1861958	1/28/05 15:56	528' East of	Redlands Blvd/Iowa St	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Proceeding Straight	Unsafe Speed	0	0
1911972	2/4/05 18:27	528' West of	Redlands Blvd/New Jersey St	Sideswipe	Other Motor Vehicle	West	Proceeding Straight	East	Making Left Turn	Other Hazardous Movement	0	0
1909940	2/10/05 18:56	123' West of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	South	Making Left Turn	West	Proceeding Straight	Auto R/W Violation	1	0
1909198	2/10/05 19:10	528' West of	Redlands Blvd/Iowa St	Broadside	Motor Vehicle on Other Roadway	North	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	0	0
1911948	2/11/05 13:15	528' West of	Redlands Blvd/Alabama St	Broadside	Other Motor Vehicle	East	Proceeding Straight	North	Making Left Turn	Auto R/W Violation	0	0
1909944	2/11/05 19:08	408' West of	Redlands Blvd/New Jersey St	Not Stated	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Improper Turning	0	0
1911962	2/28/05 19:06	507' East of	Redlands Blvd/Nevada St	Hit Object	Other Object	West	Proceeding Straight	West	Proceeding Straight	Pedestrian Violation	1	0
1963831	3/2/05 12:07	113' West of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	South	Making Left Turn	West	Proceeding Straight	Auto R/W Violation	2	0
1961533	3/29/05 14:22	200' East of	Redlands Blvd/California St	Sideswipe	Other Motor Vehicle	West	Proceeding Straight	West	Making Right Turn	Improper Passing	1	0
2058535	5/25/05 18:04	334' West of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	West	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	1	0

City of Redlands
Traffic Engineering Department

Traffic Collision History Report
Midblock Collisions

9/13/2010

Page 2

Arterial: REDLANDS BLVD

Limit 1: CALIFORNIA ST

Limit 2: TEXAS ST

Total Number of Collisions: 66

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
2111436	6/2/05 13:20	521' West of	Redlands Blvd/Tennessee St	Broadside	Other Motor Vehicle	Not Stated	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	1	0
2111400	6/6/05 12:31	400' East of	Redlands Blvd/Tennessee St	Rear-End	Not Stated	West	Stopped in Road	West	Slowing/Stopping	Unsafe Speed	0	0
2111422	6/13/05 19:38	1056' West of	Redlands Blvd/Nevada St	Broadside	Other Motor Vehicle	East	Entering Traffic	East	Proceeding Straight	Auto R/W Violation	0	0
2162585	7/5/05 16:04	500' West of	Redlands Blvd/Tennessee St	Rear-End	Other Motor Vehicle	East	Slowing/Stopping	East	Stopped in Road	Unsafe Speed	0	0
2162512	7/12/05 17:00	528' West of	Redlands Blvd/Alabama St	Sideswipe	Other Motor Vehicle	West	Proceeding Straight	East	Making Left Turn	Wrong Side of Road	0	0
2162559	7/14/05 12:29	500' East of	Redlands Blvd/New Jersey St	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped in Road	Unsafe Speed	2	0
2260716	9/19/05 12:33	300' West of	Redlands Blvd/Iowa St	Hit Object	Fixed Object	East	Proceeding Straight			Improper Turning	0	0
2322153	10/10/05 14:05	528' West of	Redlands Blvd/Alabama St	Broadside	Other Motor Vehicle	West	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	0	0
2322094	10/19/05 12:40	528' West of	Redlands Blvd/New Jersey St	Rear-End	Other Motor Vehicle	West	Backing	West	Proceeding Straight	Unsafe Starting or Backing	0	0
2352786	11/4/05 17:55	415' East of	Redlands Blvd/Iowa St	Head-On	Other Motor Vehicle	West	Stopped in Road	East	Proceeding Straight	Improper Turning	0	0
2426245	12/21/05 15:50	330' West of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	West	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	1	0

**City of Redlands
Traffic Engineering Department**

**Traffic Collision History Report
Midblock Collisions**

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Arterial: REDLANDS BLVD

Limit 1: CALIFORNIA ST

Limit 2: TEXAS ST

Total Number of Collisions: 66

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
2426297	12/24/05 10:41	528' East of	Redlands Blvd/California St	Sideswipe	Other Motor Vehicle	West	Proceeding Straight	South	Stopped in Road	Improper Turning	0	0
2565470	3/10/06 13:09	528' East of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	North	Making Left Turn	East	Proceeding Straight	Auto R/W Violatio	0	0
2626954	4/25/06 14:52	500' West of	Redlands Blvd/Alabama St	Head-On	Other Motor Vehicle	West	Making Left Turn	East	Proceeding Straight	Auto R/W Violatio	2	0
2667577	5/9/06 15:37	250' West of	Redlands Blvd/Alabama St	Broadside	Other Motor Vehicle	West	Making Left Turn	East	Proceeding Straight	Improper Turning	0	0
2699413	6/9/06 12:26	127' East of	Redlands Blvd/New York St	Vehicle - Pedestrian	Pedestrian	South	Proceeding Straight	Not Stated	Other	Unsafe Speed	1	0
9021987	8/10/06 15:54	60' West of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	South	Entering Traffic	West	Proceeding Straight	Auto R/W Violatio	0	0
2828596	9/8/06 15:01	1056' West of	Redlands Blvd/Alabama St	Rear-End	Other Motor Vehicle	East	Slowing/Stopping	East	Slowing/Stopping	Unsafe Speed	0	0
2828620	9/9/06 23:40	226' West of	Redlands Blvd/New Jersey St	Other	Non-Collision	West	Making Right Turn			Unknown	1	0
2872301	10/5/06 16:11	528' West of	Redlands Blvd/Alabama St	Broadside	Other Motor Vehicle	North	Making Left Turn	East	Proceeding Straight	Auto R/W Violatio	0	0
2873233	10/6/06 14:04	184' West of	Redlands Blvd/Iowa St	Hit Object	Fixed Object	West	Making Right Turn			Improper Turning	0	0
2873213	10/13/06 15:18	355' West of	Redlands Blvd/Iowa St	Rear-End	Other Motor Vehicle	East	Slowing/Stopping	East	Proceeding Straight	Unsafe Speed	0	0

City of Redlands
Traffic Engineering Department

Traffic Collision History Report
Midblock Collisions

9/13/2010

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Arterial: REDLANDS BLVD
Limit 1: CALIFORNIA ST
Limit 2: TEXAS ST

Total Number of Collisions: 66

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
2936529	11/10/06 14:54	375' West of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	East	Proceeding Straight	West	Making Left Turn	Improper Passing	0	0
2985150	12/9/06 18:10	344' West of	Redlands Blvd/Iowa St	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped in Road	Unsafe Speed	1	0
2985209	12/20/06 15:04	600' East of	Redlands Blvd/California St	Rear-End	Other Motor Vehicle	West	Stopped in Road	West	Stopped in Road	Unsafe Speed	1	0
3030348	1/16/07 23:05	310' East of	Redlands Blvd/Nevada St	Sideswipe	Other Motor Vehicle	West	Proceeding Straight	West	Passing Other Vehicle	Unknown	1	0
3068186	2/16/07 22:44	351' East of	Redlands Blvd/Tennessee St	Overturned	Fixed Object	West	Proceeding Straight			Unsafe Speed	1	0
3068181	2/23/07 15:05	250' East of	Redlands Blvd/California St	Rear-End	Other Motor Vehicle	West	Stopped in Road	West	Proceeding Straight	Unsafe Speed	0	0
3131802	3/11/07 14:08	322' East of	Redlands Blvd/New Jersey St	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped in Road	Unsafe Speed	2	0
3131834	3/12/07 14:06	100' East of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	South	Entering Traffic	West	Proceeding Straight	Auto R/W Violation	0	0
3172906	4/6/07 12:52	528' East of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	North	Proceeding Straight	East	Proceeding Straight	Auto R/W Violation	0	0
3172911	4/13/07 17:51	528' East of	Redlands Blvd/Nevada St	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped in Road	Unsafe Speed	1	0
3172939	4/18/07 14:14	400' West of	Redlands Blvd/Alabama St	Sideswipe	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Improper Turning	0	0

**City of Redlands
Traffic Engineering Department**

**Traffic Collision History Report
Midblock Collisions**

9/13/2010
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**Arterial: REDLANDS BLVD
Limit 1: CALIFORNIA ST
Limit 2: TEXAS ST**

Total Number of Collisions: 66

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
3213112	5/8/07 14:53	560' West of	Redlands Blvd/Texas St	Hit Object	Fixed Object	West	Proceeding Straight			Other Than Driver or Ped	0	0
3212738	5/16/07 12:20	528' East of	Redlands Blvd/California St	Rear-End	Other Motor Vehicle	West	Entering Traffic	West	Proceeding Straight	Auto R/W Violation	0	0
3268694	6/19/07 07:29	500' West of	Redlands Blvd/Nevada St	Hit Object	Fixed Object	East	Ran Off Road			Improper Turning	0	0
3268781	6/25/07 13:11	528' West of	Redlands Blvd/Alabama St	Broadside	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Unknown	0	0
3307973	7/23/07 17:36	150' West of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	East	Making Left Turn	West	Proceeding Straight	Other	1	0
3307981	7/24/07 12:44	495' West of	Redlands Blvd/Alabama St	Broadside	Other Motor Vehicle	East	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	0	0
3357384	8/10/07 16:34	300' West of	Redlands Blvd/Alabama St	Sideswipe	Other Motor Vehicle	West	Entering Traffic	West	Proceeding Straight	Auto R/W Violation	0	0
3357613	8/11/07 15:07	528' East of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	South	Making Left Turn	East	Proceeding Straight	Improper Turning	1	0
3343545	8/19/07 21:52	340' East of	Redlands Blvd/Kansas St	Overtaken	Fixed Object	East	Proceeding Straight			Driving Under Influence	1	0
3414209	9/20/07 13:23	350' West of	Redlands Blvd/Alabama St	Broadside	Other Motor Vehicle	North	Entering Traffic	West	Proceeding Straight	Auto R/W Violation	1	0
3458584	10/1/07 17:43	180' East of	Redlands Blvd/New Jersey St	Rear-End	Other Motor Vehicle	West	Slowing/Stopping	West	Stopped in Road	Unsafe Speed	0	0

**City of Redlands
Traffic Engineering Department**

**Traffic Collision History Report
Midblock Collisions**

9/13/2010

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**Arterial: REDLANDS BLVD
Limit 1: CALIFORNIA ST
Limit 2: TEXAS ST**

Total Number of Collisions: 66

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
3502313	11/8/07 14:27	278' East of	Redlands Blvd/Iowa St	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped in Road	Unsafe Speed	1	0
3502457	11/12/07 15:40	279' West of	Redlands Blvd/Nevada St	Hit Object	Fixed Object	West	Proceeding Straight			Improper Turning	0	0
3502278	11/14/07 12:30	337' East of	Redlands Blvd/Tennessee St	Broadside	Other Motor Vehicle	East	Making U Turn	East	Proceeding Straight	Improper Turning	1	0
3539941	12/14/07 13:57	200' West of	Redlands Blvd/New Jersey St	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped in Road	Unsafe Speed	0	0
3525352	12/20/07 17:43	152' East of	Redlands Blvd/Alabama St	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped in Road	Unsafe Speed	1	0
3687125	3/1/08 10:42	175' West of	Redlands Blvd/Alabama St	Sideswipe	Other Motor Vehicle	West	Other Unsafe Turning	West	Proceeding Straight	Driving Under Influence	0	0
3687062	3/15/08 12:49	528' West of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	South	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	3	0
3782893	5/22/08 09:05	119' West of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	South	Making Left Turn	West	Proceeding Straight	Auto R/W Violation	1	0
3911515	7/8/08 11:21	560' West of	Redlands Blvd/Alabama St	Broadside	Other Motor Vehicle	West	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	3	0
4032653	11/14/08 14:25	200' East of	Redlands Blvd/Alabama St	Sideswipe	Other Motor Vehicle	West	Proceeding Straight	West	Proceeding Straight	Other	0	0
4032716	11/16/08 20:44	162' East of	Redlands Blvd/Iowa St	Broadside	Other Motor Vehicle	West	Proceeding Straight	East	Making Left Turn	Auto R/W Violation	1	0

**City of Redlands
Traffic Engineering Department**

**Traffic Collision History Report
Midblock Collisions**

3/2010

Page 2

Arterial: REDLANDS BLVD
Limit 1: TEXAS ST
Limit 2: EUREKA ST

Total Number of Collisions: 2

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	IPC 1	DOT2	IPC 2	PCF	# Inj	# Kld
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Total Number of Collisions: 2 Segment Length: 0.32 miles (1,707')

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

9/13/2010

Page 1

Arterial: REDLANDS BLVD
 Limit 1: TEXAS ST
 Limit 2: EUREKA ST

Total Number of Collisions: 2

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	PC 1	DOT2	PC 2	PCF	# Inj	# Kld
9021442	8/18/06 17:45	186' West of	Redlands Blvd/Eureka St	Broadside	Other Motor Vehicle	East	P eeding raight	East	Ente ing Traffic	Auto R/W Violatio	0	0
3212751	5/16/07 15:59	528' East of	Redlands Blvd/Texas St	Sideswipe	Other Motor Vehicle	West	P eeding raight	West	l rging	Improper Turning	0	0

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Traffic Engineering Department**

**Traffic Collision History Report
Midblock Collisions**

9/13/2010
Page 2

Arterial: REDLANDS BLVD
Limit 1: EUREKA ST
Limit 2: CITRUS AVE

Total Number of Collisions: 7
Date Range Reported: 1/1/2005 - 12/31/2008

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
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Total Number of Collisions: 7 Segment Length: 0.63 miles (3,305')

Settings Used For Query

<u>Parameter</u>	<u>Setting</u>
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**

9/13/2010

Page 1

**Arterial: REDLANDS BLVD
Limit 1: EUREKA ST
Limit 2: CITRUS AVE**

Total Number of Collisions: 7

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
2260632	9/8/05 14:17	200' East of	Redlands Blvd/Orange St	Rear-End	Other Motor Vehicle	West	Stopped in Road	West	Proceeding Straight	Unsafe Speed	0	0
2322102	10/18/05 17:26	73' North of	Redlands Blvd/Citrus Ave	Broadside	Other Motor Vehicle	East	Stopped in Road	West	Making Left Turn	Auto R/W Violation	0	0
2352726	11/19/05 14:02	200' East of	Redlands Blvd/Eureka St	Rear-End	Other Motor Vehicle	East	Slowing/Stopping	East	Proceeding Straight	Unsafe Speed	1	0
2471431	1/26/06 18:56	100' West of	Redlands Blvd/Orange St	Broadside	Other Motor Vehicle	East	Stopped in Road	East	Making Left Turn	Improper Turning	0	0
2471392	1/27/06 18:32	55' West of	Redlands Blvd/Orange St	Sideswipe	Other Motor Vehicle	East	Slowing/Stopping	East	Changing Lanes	Unsafe Lane Change	0	0
9021486	8/22/06 09:19	94' East of	Redlands Blvd/7th St	Broadside	Other Motor Vehicle	East	Proceeding Straight	North	Entering Traffic	Auto R/W Violation	1	0
3687052	3/7/08 16:02	151' East of	Redlands Blvd/3rd St	Rear-End	Other Motor Vehicle	East	Stopped in Road	East	Changing Lanes	Unsafe Speed	0	0

**City of Redlands
Traffic Engineering Department**

**Traffic Collision History Report
Midblock Collisions**

9/13/2010
Page 2

Arterial: REDLANDS BLVD
Limit 1: CITRUS AVE
Limit 2: FERN AVE

Total Number of Collisions: 7
Date Range Reported: 1/1/2005 - 12/31/2008

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
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Total Number of Collisions: 7 Segment Length: 0.20 miles (1,030')

Settings Used For Query

<u>Parameter</u>	<u>Setting</u>
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**

9/13/2010
Page 1

Arterial: REDLANDS BLVD
Limit 1: CITRUS AVE
Limit 2: FERN AVE

Total Number of Collisions: 7

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
2214046	8/10/05 17:31	181' North of	Redlands Blvd/Fern Ave	Rear-End	Other Motor Vehicle	South	Stopped in Road	South	Proceeding Straight	Unsafe Speed	2	0
2471470	1/18/06 12:06	290' North of	Redlands Blvd/Church St	Rear-End	Other Motor Vehicle	North	Stopped in Road	North	Proceeding Straight	Unsafe Speed	2	0
2471477	1/20/06 17:45	75' South of	Redlands Blvd/Citrus Ave	Broadside	Other Motor Vehicle	South	Proceeding Straight	North	Making Left Turn	Auto R/W Violation	0	0
2667503	5/17/06 17:40	266' North of	Redlands Blvd/Church St	Broadside	Other Motor Vehicle	South	Entering Traffic	East	Proceeding Straight	Auto R/W Violation	0	0
2872253	10/1/06 12:14	132' South of	Redlands Blvd/Citrus Ave	Broadside	Motor Vehicle on Other Roadway	South	Making Left Turn	North	Proceeding Straight	Auto R/W Violation	2	0
3357984	8/27/07 15:31	135' South of	Redlands Blvd/Citrus Ave	Broadside	Other Motor Vehicle	West	Making U Turn	West	Making Left Turn	Auto R/W Violation	0	0
3414233	9/27/07 18:18	300' South of	Redlands Blvd/Clark St	Rear-End	Other Motor Vehicle	South	Stopped in Road	South	Proceeding Straight	Unsafe Speed	0	0

**City of Redlands
Traffic Engineering Department**

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Midblock Collisions**

9/13/2010
Page 2

**Arterial: REDLANDS BLVD
Limit 1: FERN AVE
Limit 2: HIGHLAND AVE**

**Total Number of Collisions: 9
Date Range Reported: 1/1/2005 - 12/31/2008**

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
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Total Number of Collisions: 9 Segment Length: 0.76 miles (3,994")

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**

9/13/2010
Page 1

Arterial: REDLANDS BLVD
Limit 1: FERN AVE
Limit 2: HIGHLAND AVE

Total Number of Collisions: 9

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kid
1911996	2/4/05 17:24	340' South of	Redlands Blvd/Fern Ave	Sideswipe	Other Motor Vehicle	East	Proceeding Straight	East	Stopped in Road	Auto R/W Violation	0	0
1961557	3/23/05 07:19	166' South of	Redlands Blvd/Cypress Ave	Rear-End	Other Motor Vehicle	North	Proceeding Straight	North	Stopped in Road	Unsafe Speed	0	0
2754585	7/3/06 16:28	179' North of	Redlands Blvd/Cypress Ave	Sideswipe	Parked Motor Vehicle	South	Proceeding Straight	South	Other	Other Hazardous Movement	0	0
2872319	10/22/06 12:57	279' South of	Redlands Blvd/Cypress Ave	Rear-End	Other Motor Vehicle	North	Slowing/Stopping	North	Stopped in Road	Unsafe Speed	1	0
2936489	11/25/06 14:38	114' North of	Redlands Blvd/Palm Ave	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped in Road	Following Too Closely	1	0
3068161	2/16/07 17:27	135' West of	Redlands Blvd/Palm Ave	Broadside	Other Motor Vehicle	East	Changing Lanes	East	Proceeding Straight	Improper Turning	0	0
3307925	7/20/07 18:18	300' South of	Redlands Blvd/Cypress Ave	Not Stated	Not Stated	South	Proceeding Straight	South	Stopped in Road	Following Too Closely	0	0
3458701	10/23/07 13:08	383' North of	Redlands Blvd/Palm Ave	Hit Object	Fixed Object	South	Proceeding Straight			Improper Turning	1	0
3540152	12/7/07 01:56	225' South of	Redlands Blvd/Cypress Ave	Overtaken	Not Stated	North	Other Unsafe Turning			Driving Under Influence	1	0

**City of Redlands
Traffic Engineering Department**

**Traffic Collision History Report
Midblock Collisions**

9/13/2010
Page 1

Arterial: REDLANDS BLVD
Limit 1: HIGHLAND AVE
Limit 2: FORD ST

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

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
2829701	9/1/06 07:14	1056' South of	Redlands Blvd/Highland Ave	Other	Non-Collision	North	Proceeding Straight			Unsafe Speed	1	0

Total Number of Collisions: 1 Segment Length: 0.62 miles (3,249')

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'

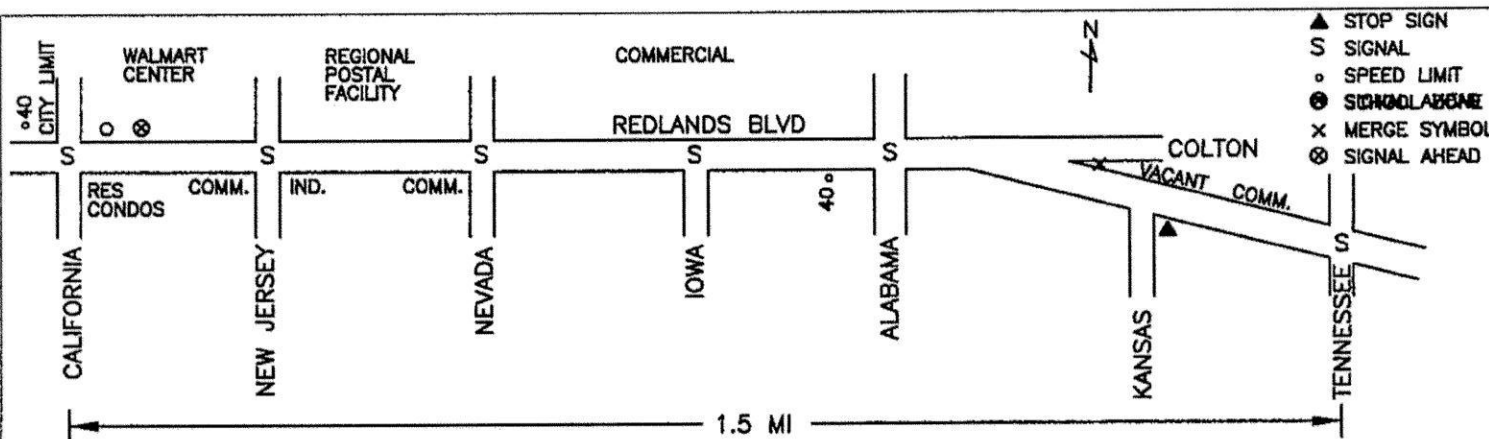
SPEED SURVEY
WORKSHEET

REDLANDS BLVD.

BETWEEN CALIFORNIA ST.

AND TENNESSEE ST.

DATE OF SURVEY 07/26/2010



DEVELOPMENT

COMMERCIAL/ INDUSTRIAL

COMMERCIAL/ VACANT

COMMERCIAL

NO. OF STRIPED LANES

2 LANES EACH DIRECTION - LEFT TURN POCKETS AT INTERSECTIONS

TYPE OF STRIPING

DASH WHITE- LANE SEPARATORS - PHYSICAL MEDIAN ISLANDS W/ LEFT TURN POCKETS.

TRAFFIC CONTROLS

MAJOR INTERSECTIONS SIGNALIZED - MINOR CROSS STREETS CONTROLLED BY STOP SIGNS.

OBSERVED SPEED - CRITICAL

38.4

42.2

41.8

OBSERVED SPEED - PACE & AVG.

30-39, 33.4

33-42, 36.9

34-43, 36.8

EXISTING SPEED ZONE

40

40

40

PROPOSED SPEED LIMIT

40

40

40

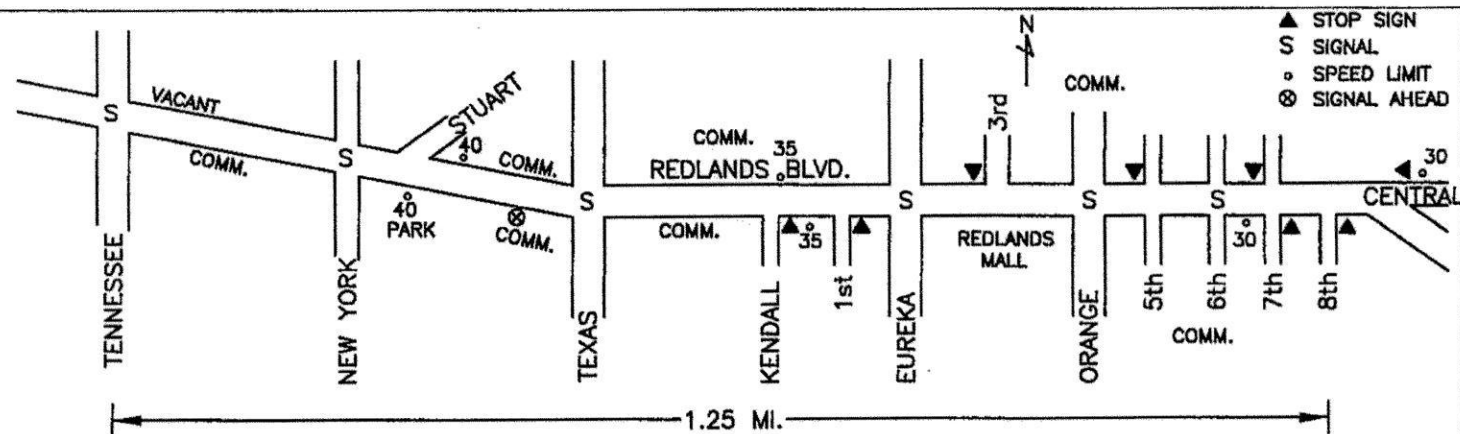
SPEED SURVEY
WORKSHEET

REDLANDS BLVD.

BETWEEN TENNESSEE ST.

AND 8th ST.

DATE OF SURVEY 07/28/2010



DEVELOPMENT

COMMERCIAL- PARTIAL VACANT LAND

COMMERCIAL

NO. OF STRIPED LANES

2 LANES EACH DIRECTION- LEFT TURN POCKETS • INTERSECTIONS PARKING BOTH SIDES

TYPE OF STRIPING

DASH WHITE LANE SEPARATORS-

PHYSICAL ISLANDS W/ LEFT TURN POCKETS

TRAFFIC CONTROLS

MAJOR INTERSECTIONS SIGNALIZED-

MINOR CROSS STREETS CONTROLLED BY STOP SIGNS

OBSERVED SPEED - CRITICAL

43.7

40.6

32.9

34.3

OBSERVED SPEED - PACE & AVG.

34-43, 38.9

32-41, 36.1

25-34, 28.8

26-35, 29.8

EXISTING SPEED ZONE

40

35

30

30

PROPOSED SPEED LIMIT

40

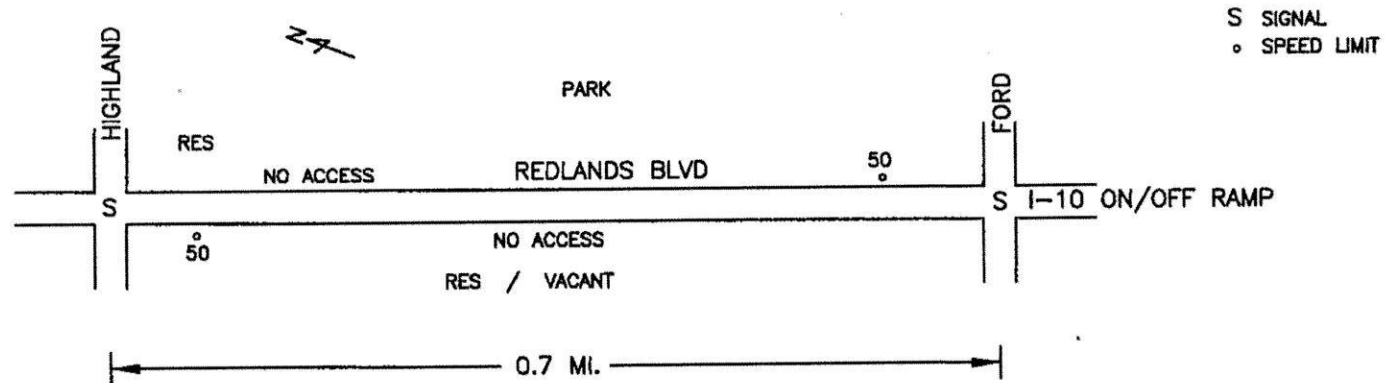
35

30

30

REDLANDS BLVD.
BETWEEN HIGHLAND AVE.
AND FORD ST.

DATE OF SURVEY 08/20/2010

[illegible]