CITY OF ROSEVILLE CALIFORNIA

PUBLIC WORKS DEPT.

# TRAFFIC ENGINEERING AND SPEED MAP

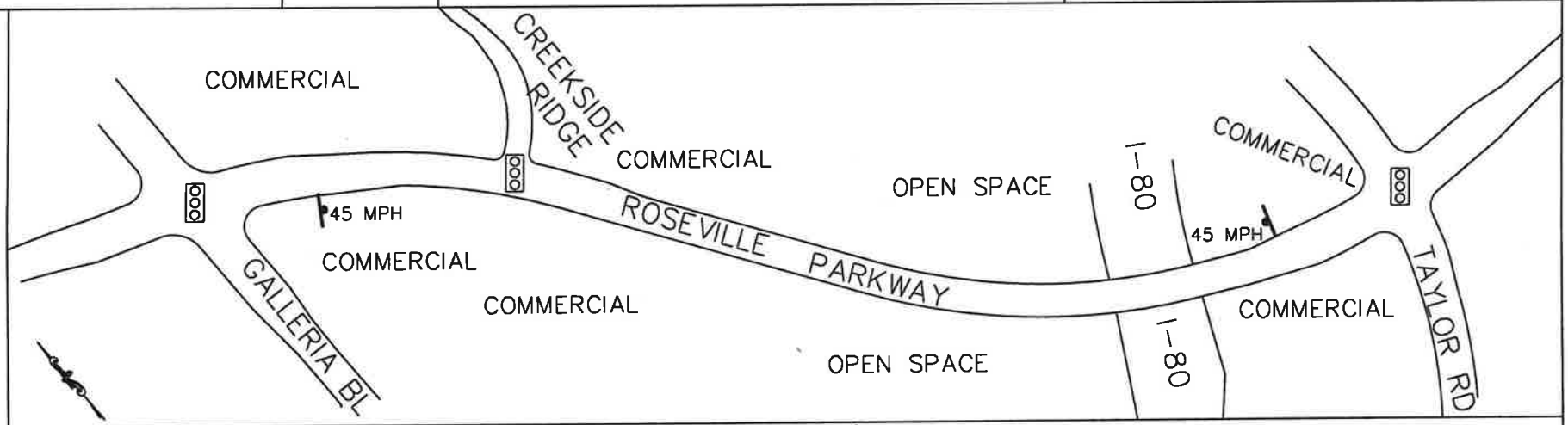
# SPEED ZONE SURVEY

ROAD NAME:

## ROSEVILLE PARKWAY

GALLERIA TO TAYLOR

STRIP MAP




| | |
|---|---|
| ROADWAY WIDTH | 100' |
| NO. OF LANES | 6 |
| AADT | 49,933 |
| DIVIDER TYPE | RAISED |
| CRITICAL SPEED (85th %) | 50.9 MPH |
| PACE SPEED | 43-52 MPH |
| 3-YEAR ACCIDENT HISTORY | 32 |
| EXISTING SPEED LIMIT | 45 MPH |
| RECOM. SPEED LIMIT | 45 MPH |
| SEGMENT LENGTH | .72 MI. |

LEGEND STOP SIGNS SPEED LIMIT SIGN TRAFFIC SIGNAL

| MPH | |
|---|---|
| 61-75 | 61-75 |
| 51-60 | 41 |
| 41-50 | 137 |
| 31-40 | 22 |
| 1-30 | 0 |

ROADSIDE COND.

- SCHOOL ☐
- RESIDENCE ☐
- BUSINESS ☒
- PARKS ☐
- OPEN SPACE ☒
- BIKEWAY ☒

COMMENTS: NO PARKING ON BOTH SIDES OF STREET.

SOME RECOVERY AREA ☐ NO RECOVERY AREA ☒

SCHOOL ROUTE ☐

T:Speed Surveys/2010/CAD sheets

2010 Traffic Engineering and Speed Map-Speed Zone Survey

# City of Roseville
# Engineering and Traffic Survey
# Summary

Street: ROSEVILLE PW
Limits: GALLERIA BL
TAYLOR RD

Field Observer: N SIVIGLIA
Checked By: J. CERVANTES
Date: 12/7/2010

| Factors | Direction: East/West | | |
|---|---|---|---|
| **A. Prevailing Speed Data** | | | |
| Location of Survey | 300' E of Creekside Ridge | | |
| 85th Percentile | 50.9 | | |
| 10 mph Pace | 43 - 52 | | |
| Percent in Pace | 71.0% | | |
| Posted Speed Limit | 45 | | |
| **B. Collision History** | | | |
| Date Range Covered | 12/1/2007 | To 11/30/2010 | ( 3 Years ) |
| Total Collisions | 32 | | |
| Collision Rate (Acc/MVM) | 0.807 | | |
| Expected Collision Rate | 2.75 | | |
| **C. Traffic Factors** | | | |
| Average Daily Traffic | 49933 | | |
| Length of Segment | 3826 | | |
| Lane Configuration | 3 Lane with Raised Median | | |
| Street Classification | Arterial | | |
| **D. Conditions Not Readily Apparent** | | | |
| Conditions | See: Roadside Conditions on the Speed Zone Survey Map. | | |
| Roadway Geometrics | Slight horizontal and vertical curves. | | |
| Comments | Traffic congestion, Class II bike lanes; Moderate accident rate. | | |
| **E. Adjacent Land Use** | Commercial/Open Space | | |
| Posted Speed Limit | 45 | | |
| Speed Limit Change? | No | | |
| Revised Speed Limit | | | |

Approved and Authorized for release by City of Roseville Traffic Engineering Department:

Jana Cervantes

4-18-11
Date

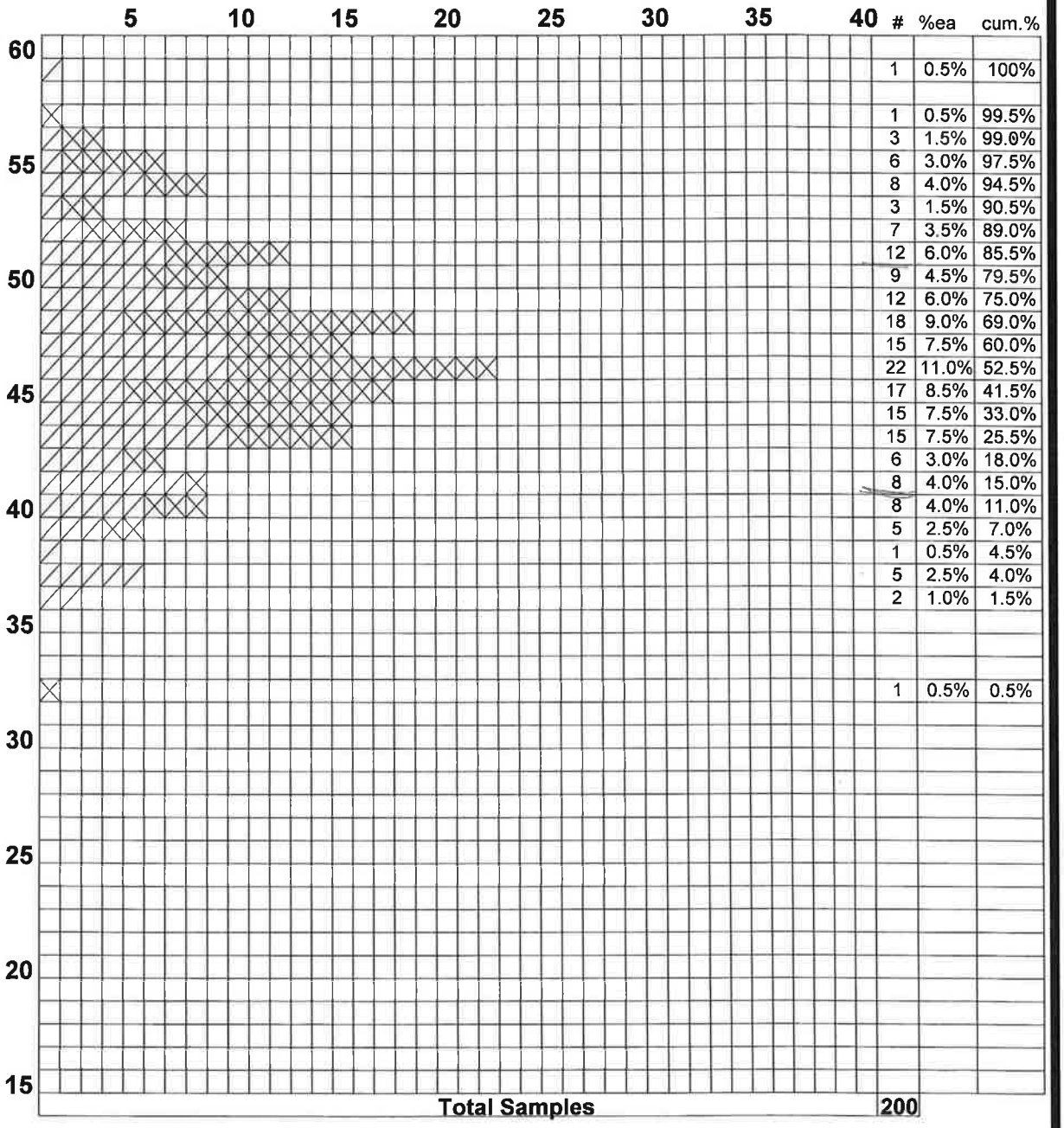
Loc. #

# City of Roseville
## Traffic Engineering Department

**Street Name:** ROSEVILLE PW
**Limits:** GALLERIA BL to TAYLOR RD

## Radar Survey Sheet

X=West /=East




| # | %ea | cum.% |
|---|---|---|
| 1 | 0.5% | 100% |
| 1 | 0.5% | 99.5% |
| 3 | 1.5% | 99.0% |
| 6 | 3.0% | 97.5% |
| 8 | 4.0% | 94.5% |
| 3 | 1.5% | 90.5% |
| 7 | 3.5% | 89.0% |
| 12 | 6.0% | 85.5% |
| 9 | 4.5% | 79.5% |
| 12 | 6.0% | 75.0% |
| 18 | 9.0% | 69.0% |
| 15 | 7.5% | 60.0% |
| 22 | 11.0% | 52.5% |
| 17 | 8.5% | 41.5% |
| 15 | 7.5% | 33.0% |
| 15 | 7.5% | 25.5% |
| 6 | 3.0% | 18.0% |
| 8 | 4.0% | 15.0% |
| 8 | 4.0% | 11.0% |
| 5 | 2.5% | 7.0% |
| 1 | 0.5% | 4.5% |
| 5 | 2.5% | 4.0% |
| 2 | 1.0% | 1.5% |
| 1 | 0.5% | 0.5% |
| **Total Samples** | | **200** |

| | |
|---|---|
| **85th Percentile Speed:** | 50.9 |
| **50th Percentile Speed:** | 45.8 |
| **15th Percentile Speed:** | 41.0 |
| **10 MPH Pace:** | 43- 52 |
| **Number in Pace:** | 142 |
| **Percent in Pace:** | 71.0% |

| | | | |
|---|---|---|---|
| **Date of Survey:** | 12/7/2010 | **Start Time:** | 14:32 |
| **Weather:** | Clear | **End Time:** | 14:50 |
| **Road Condition:** | Good | **Posted Speed:** | 45 |
| **Street Class.:** | Arterial | **Observer:** | N SIVIGLIA |
| **Conditions not Apparent:** | See: Roadside Conditions on the Speed Zone Survey Map. | | |

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

Date: 12/7/10

Location #

Street Name: Roseville Pw

Observer: Noah Sivright

Limits: Galleria to Taylor

Location of Survey: 300' E of ~~Antelope~~ Creekside Ridge

Weather: Clear

Roadway Geometrics: hor. & vert. curves

Road Cond: good

Conditions Not Apparent:

Posted Speed: 45

Start Time: 2:32

Lane Config: 3 each direction w/raised median

End Time: 2:50

Adjacent Land Use: commercial/open space

Street Classification: Arterial - Collector - Local

Average Daily Traffic:

Segment Length:

Speed Limit Changed? Yes - No

Revised Limit:

Checked By:

Collision Start Date:

Collision End Date:

Collision Period:

Total Collisions:

Collision Rate:

Expected Collision Rate:

Direction: EB

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

Direction: WB

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

Comments: