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# VI. PARKS AND RECREATION ELEMENT



**2035**


# PARKS AND RECREATION

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A discussion of parks and recreation would generally be included as a state requirement in the Open Space Element of the General Plan. However, the challenge of providing recreational opportunities to a growing community, and Roseville's commitment to providing a high level of public facilities and services, has prompted the desire for an individual Parks and Recreation Element.

Although separate, the Parks and Recreation Element is closely linked with the Open Space Element. Lands designated for parks and recreation uses provide an important component of the overall open space network. At the same time, open space areas of Roseville, while not classified as traditional "active" park lands, possess some recreational value. These open space areas represent an integral component of the City's plan to provide both passive/informal/self-directed and active/formal/programmed recreational opportunities.

The presence of plentiful, well-designed parks and recreation facilities contributes to the quality of life in the community. Parks provide a focus for a number of important recreational and social functions. In addition, parks help to preserve natural features and habitat areas vital to the City's environmental health and sense of place. The City is committed to implementing sustainable programs to address conservation of natural resources. Urban parks and open space areas can contribute to counteracting the potential effects of greenhouse gas emissions on climate change. To that end, goals and policies in the Recreation Element, that further the City's

commitment to sustainability, are designated with an icon: . A more focused discussion of climate change can be referenced in the Air Quality Element of the General Plan.

**It is an underlying goal of the Parks and Recreation Element to provide a variety of both passive/informal/self-directed and active/formal/programmed recreational opportunities for all City residents.**

## A. SETTING

Roseville's park and recreation facilities are operated by the City of Roseville Parks, Recreation & Libraries Department. The Department is responsible for the development and maintenance of the City's various recreational facilities including; community centers (Maidu and Mahany/ Martha Riley) parks, public golf courses, public swimming pools, and open space areas. In addition, the Department manages a full range of recreation programs for the residents of the community.

The City of Roseville has an adopted standard of nine acres of park land per 1,000 residents. The nine-acre requirement is divided into three acres each for neighborhood, citywide, and open space areas. This requirement has historically been met through the dedication of park land by developers. Credits are granted against the 9 acre per 1,000 population standard and has varied dependent upon the recreational value of the land to City residents.

The City has defined “park lands” to include public developed parks, recreational open space and joint-use park-school facilities. Based upon the current General Plan land use allocation at buildout, Roseville has secured approximately nine acres of park land per 1,000 residents. This figure does not include golf courses or private recreational facilities.

In general, the newer specific plan areas of the City meet or exceed the park acreage requirement, while the older infill areas of the City are often below the standard. This is reflective of the timing of when the nine acre per 1,000 resident park land requirement was developed and actively implemented. The park land standard was adopted in 1977. The infill areas were substantially developed prior to this time. In general, new development within the infill and non-specific plan areas are required to meet the nine acres per 1,000 population criteria, or satisfy this requirement through an in-lieu park land dedication. However, in order to facilitate the City’s goals to encourage reinvestment and economic development in the Riverside and Downtown Specific Plan areas, the City may waive or reduce the nine-acre per 1,000 resident parkland dedication requirement or park in-lieu fee requirement for these areas.

Due to the success of the current nine acres per 1000 population park dedication standard, and to meet the ongoing needs of the City residents, the option of an in-lieu park land dedication affords the City and project developer more flexibility in meeting the future recreational needs of the residents of the City of Roseville.

The City of Roseville has established several different funding mechanisms to ensure development of its park lands. These include its Neighborhood Park Fees, City-wide Park Fees, Pooled Unit Transfer Park Fees, In-lieu Park Land Dedication Fees, and funds from Landscape and Lighting and Community Facilities Districts for Services (CFDs).

The various components of Roseville’s park and recreation system are described below. Table VI-1 includes a listing of the City’s park and recreation areas. Figure VI-1 shows the location of these park sites, as well as other primary components of the parks and recreation system.

## **TRADITIONAL PARK LANDS**

Traditional park lands refer to park sites that provide a variety of active facilities for City residents. These sites are generally the type of facilities most people envision when describing a park. Traditional park lands typically include formal/programmable facilities such as ball fields, multi-use turf areas, hard court areas and informal/self-directed amenities such as walking paths, non-programmed turf areas, picnic and play areas. Such areas are normally granted a full 1:1 park acreage credit.

The City has classified its park sites into a hierarchy of three primary categories. These include Neighborhood, which includes Neighborhood/School Parks, and City-wide (Regional) parks. The hierarchy is based on a number of factors including the size of the site, facilities provided, location and area served.

Definitions for each type of park are included on Table VI-2, Park standards are reflected on Table VI-3, and siting criteria on Table VI-4.

## **OPEN SPACE LANDS**

Open space areas are defined as vernal pool preserves, oak woodlands, watershed/riparian areas, and greenbelts. Vegetated areas also provide value in terms of counteracting the effects of climate change. These lands may be used as passive/informal/self-directed recreation for visual and aesthetic enjoyment. In addition, such areas may accommodate bikeway or other multi-use trail connections.

Recognizing that open space lands provide some recreational opportunities, the City has identified these lands as having potential recreational value in meeting the park acreage requirement. “Recreational value” is primarily defined here as a measure of public accessibility to both active and passive/informal/self-directed recreational opportunities. This value may be increased through improvements such as, but not limited to, bike trails, signage and pedestrian pathways, thereby increasing accessibility by recreation users.

Roseville has developed policies and implementation strategies to include a valuation system whereby park credit may be given to open

space lands that satisfy the City's requirement for recreational status. The City of Roseville has designated a credit ratio of 1:1 for open space acreage (i.e., wetlands, lower watershed and riparian areas, greenbelts, oak woodlands) toward the provision of the nine acres per 1,000 resident park land standard, up to a maximum of three acres (of the nine acres) per 1,000 resident population. Paseos with some passive/informal/self-directed recreational amenities such as a bike paths and exercise pods, may be considered for an open space credit, up to the maximum of three acres per 1,000 residents. This may be granted, at the discretion of the Parks, Recreation & Libraries Department, only if open space parkland dedication requirements cannot be achieved due to special circumstances such as infill and/or land locked areas.

This system gives the City flexibility in meeting future recreational needs and recognizes the role that open space plays in providing recreation opportunities. Table VI-5 lists the conditions and type of park lands and facilities that may be considered to receive park credit.

## **OTHER RECREATIONAL FACILITIES**

There are currently four existing golf courses in the City of Roseville. These include the privately owned Sierra View County Club and Sun City Golf Course, and the publicly owned Diamond Oaks Golf Course and Woodcreek Golf Club. The City of Roseville is responsible for developing, operating and maintaining the existing public courses.

Private recreation facilities in Roseville consist primarily of fitness/racquet clubs, recreation areas in multi-family developments, or other commercial recreation businesses such as entertainment centers or water parks. Although private recreation opportunities are considered an important part of the City's overall recreation system, the focus of the General Plan policies are on public park and recreation facilities. This is due to the limited public access that private facilities normally provide.

Additionally, bicycle and pedestrian paths are not included in this element. Pathway networks are multi-purpose and considered both recreation-oriented, and a system for the movement of people. These pathways are addressed in the Circulation Element of the General Plan.

## **B. OUTLOOK**

The nine-acre per 1,000 residents park land standard was derived in 1977 after evaluating Roseville's parks and recreation inventory and identifying how much land would be needed to provide for future expansion of recreation facilities. As the population increases and demographics shift, continual assessment will be required to determine whether the quantity of park lands and quality of recreational programs are meeting the changing needs of City residents.

The City has been successful in using park standards and definitions as guidelines for planning parks and recreation facilities. A key to the City's success has been its flexibility in exploring ways to meet the standards and recreational needs. The City will plan and evaluate its park and recreation facilities through the parks definitions, standards, siting criteria, credit implementation chart, the Parks and Recreation Comprehensive Master Plan, and the Parks and Recreation Business Plan. These tools will guide City officials and developers in determining how much land and what kind of active/formal/programmable and passive/informal/self-directed recreation facilities will be required to meet resident needs.

The Growth Management Component of the Land Use Element includes requirements should the City decide to expand beyond its current land use allocation in the future.

**TABLE VI-1  
2015 PARKS AND OPEN SPACE ACREAGE**

Use	Acres
Developed Parks	1,064.52
Golf Courses	678
Open Space/Park Preserves	4,568.53
Undeveloped Parks	515.19
Roadway Landscape Areas*	266.16
Greenway/Paseos**	70.45

**Note:**

- \* Roadway landscape areas consist of landscape corridors and medians only. This figure is comprised of existing Landscape and Lighting District maintained areas plus an estimate for the WRSP, SVSP/Westbrook, Creekview, Hewlett-Packard Campus Oaks Master Plan, and ARSP based on similar population from other plan areas.
- \*\* Greenways/Paseos consist of the paseos in the WRSP, SVSP/Westbrook, Creekview, the Hewlett-Packard Campus Oaks Master Plan, and ARSP areas as well as the one existing greenway along the Sunrise Corridor.

**TABLE VI-2**  
**ROSEVILLE CITY PARKS AND RECREATION AREAS**  
*(As of June 2016)*

**Existing and Planned  
Parks/Recreation Areas**

P-01.	Jack Wallace Park at Cresthaven	P-48.	Gil Duran Park, NCRSP Park Site, Parcel 55B
P-02.	Crestmont Park	P-49.	NCRSP Park Site, Parcel 56
P-03.	Diamond Oaks Park	P-50.	NCRSP Park Site, Parcel 57
P-04.	Eastwood Park	P-51.	NCRSP Park Site, Parcel 90 (Park/Preserve)
P-05.	Garbolino Park	P-52.	NCRSP Park Site, Parcel 91 (Park/Preserve)
P-06.	Hillsborough Park	P-53.	NCRSP Park Site, Parcel 93 (Park/Preserve)
P-07.	Johnson Pool	P-54.	Paul J. Lunardi Park
P-08.	Lincoln Estates Park	P-55.	SERSP Park Site, Parcel 62
P-09.	Maidu Regional Park & Park Addition	P-56.	SERSP Park Site, Parcel 64
P-10.	Oakmont High School Pool	P-57.	SRSP Park Site, Parcel 29
P-11.	Roseville High School Pool	P-58.	David Uribe Park
P-12.	Royer Park	P-59.	SRSP Park Site, Parcels 2, 3, & 4
P-13.	Saugstad Park	P-60.	SRSP Park Site, Parcel 48
P-14.	Sculpture Park	P-61.	Owen Russell Waltrip Jr. Park (SRSP Park Site, Parcel 56)
P-15.	Shirley Ferretti Park	P-62.	SRSP Park Site, Parcel 61
P-16.	Silverado Oaks Park	P-63.	Leonard "Duke" Davis Park
P-17.	Wanish Park	P-64.	William "Bill" Hughes Park
P-18.	Weber Park	P-65.	Dr. Paul J. Dugan Park
P-19.	Woodbridge Park	P-66.	Blue Oaks Park
P-20.	Kaseberg Park	P-67.	Veteran's Memorial Park North
P-21.	Diamond Oaks Golf Course	P-68.	NRSP Park Site, Parcel W-51
P-22.	Buljan Park	P-69.	Bill Santucci Park
P-23.	H.C. Elliot Park	P-70.	NRSP Park Site, Parcel WW-51 (Detention)
P-24.	Mahany Park	P-71.	Mel Hamel Park
P-25.	Marco Dog Park	P-72.	Melba & William "Al" Erven Park
P-26.	Mark White Park	P-73.	Del Stephenson Park
P-27.	Misty Wood Park	P-74.	Central Park
P-28.	Olympus Park	P-75.	George Goto Park
P-29.	R.F. (Rube) Nelson Park	P-76.	Bear Dog Park
P-30.	Ray Lockridge Park	P-77.	Aldo Pineschi Sr. Park
P-31.	Summerhill Park	P-78.	Laurel T. Stizzo Park (WRSP Park Site, Parcel F-50)
P-32.	Twinwood Park	P-79.	WRSP Park Site, Parcel F-51
P-33.	Vencil Brown Park	P-80.	WRSP Park Site, Parcel F-52
P-34.	Veterans Memorial Park South	P-81.	NWRSP Park Site, Parcel 25
P-35.	Woodcreek Golf Club	P-82.	Norm Fratis Park
P-36.	Roseville Aquatics Complex	P-83.	WRSP Park Site, Parcel F-54 (FiddymontPark)
P-37.	Roseville Sports Center	P-84.	WRSP Park Site, Parcel F-55 (Sports Complex)
P-38.	Robert Doyle Park	P-85.	WRSP Park Site, Parcel F-56 (Sports Complex)
P-39.	Adam Baquerra Park	P-86.	WRSP Park Site, Parcel W-50a
P-40.	James Hall Park		
P-41.	William Taylor Park		
P-42.	Willard Dietrich Park		
P-43.	Sylvia Besana Park		
P-44.	School House Park		
P-45.	Kenwood Oaks Park		
P-46.	Cambria Park		
P-47.	Lexington Greens Park/Preserve		

- P-87. Astill Park (WRSP Park Site Parcel W-50b)
  - P-88. WRSP Park Site Parcel W-50c
  - P-89. WRSP Park Site Parcel W-50d
  - P-90. WRSP Park Site Parcel W-50e
  - P-91. WRSP Park Site, Parcel W-51
  - P-92. Bud Nichols Park
  - P-93. Bob Mahan Park, WRSP Park Site, Parcel W-53
  - P-94. WRSP Park Site, Parcel W-54 (Village Green)
  - P-95. Fred Festersen Park
  - P-96. WRSP Pocket Park Site, Parcel F-94
  - P-97. WRSP Pocket Park Site, Parcel F-95
  - P-98. Elizabeth Jane Fiddymment Park (WRSP Pocket Park Site, Parcel F-96)
  - P-99. WRSP Pocket Park Site, Parcel F-97
  - P-100. Harrigan Greens
  - P-101. Carmen and Alberto Heredia Park
  - P-102. C. Doulton Burner Park
  - P-103. Walter & Doris Rickey Park, NIPA Park Site, Parcel 76 (Longmeadow)
  - P-104. NIPA Park Site, Parcel 77 (Fiddymment 44)
  - P-105. NERSP Park Site, Parcel 15L10 (Stonepoint)
  - P-106. NERSP Park Site, Parcel 15L15 (Stonepoint)
  - P-107. SVSP Park Site, Parcel KT-50
  - P-108. SVSP Park Site, Parcel KT-51
  - P-109. SVSP Park Site, Parcel KT-52
  - P-110. SVSP Park Site, Parcel CG-50
  - P-111. SVSP Park Site, Parcel DF-50
  - P-112. SVSP Park Site, Parcel JM-50
  - P-113. SVSP Park Site, Parcel JM-51
  - P-114. SVSP Park Site, Parcel JM-52
  - P-115. SVSP Park Site, Parcel FD-50
  - P-116. SVSP Park Site, Parcel FD-51
  - P-117. SVSP Park Site, Parcel FD-52
  - P-118. SVSP Park Site, Parcel FD-53
  - P-119. SVSP Park Site, Parcel CO-50
  - P-120. SVSP Park Site, Parcel WB-50
  - P-121. SVSP Park Site, Parcel WB-51
  - P-122. SVSP Park Site, Parcel WB-52
  - P-123. CSP Park Site, Parcel C-60
  - P-124. CSP Park Site, Parcel C-61
  - P-125. CSP Park Site, Parcel C-62
  - P-126. CSP Park Site, Parcel C-63
  - P-127. INFILL Park Site, Parcel 279
  - P-128. NIPA HP Campus Oaks Park, Parcel CO-61
  - P-129. NIPA HP Campus Oaks Park Couplet, Parcel CO-62
  - P-130. NIPA HP Campus Oaks Hewlett-Packard Greenway, Parcel CO-64 & HP-2
  - P-131. WRSP Pocket Park Site, Parcel F-101
  - P-132. ARSP Park Site, Parcel AR-60
  - P-133. ARSP Park Site, Parcel AR-61
  - P-134. ARSP Park Site, Parcel AR-62
  - P-135. ARSP Park Site, Parcel AR-63
  - P-136. ARSP Park Site, Parcel AR-64
  - P-137. ARSP Park Site, Parcel AR-66
  - P-138. ARSP Park Site, Parcel AR-67
- Open Space Areas<sup>1</sup>**
- O-01. DWSP, Parcel 45 (Blue Oaks North Preserve)
  - O-02. DWSP, Parcel 46 (Central Park Preserve)
  - O-03. DWSP, Parcel 47 (Blue Oaks South Preserve)
  - O-04. HRNSP Open Space, Parcel 70
  - O-05. HRNSP Open Space, Parcel 71
  - O-06. HRNSP Open Space, Parcel 72
  - O-07. HRNSP Open Space, Parcel 73
  - O-08. INFILL Cirby Creek (Open Space Floodway)
  - O-09. INFILL Dry Creek (Open Space/Floodway)
  - O-10. INFILL Linda Creek (Open Space Floodway)
  - O-11. INFILL Linda Creek (Open Space Floodway)
  - O-12. INFILL Linda/Cirby Creek (Open Space Floodway)
  - O-13. INFILL Open Space, Parcel 312
  - O-14. INFILL Open Space, Parcels 295-298
  - O-15. INFILL Reason Farms (Open Space)
  - O-16. NCRSP Open Space, Parcel 97
  - O-17. NCRSP, Parcel 23 (Wetland Preserve)
  - O-18. NCRSP, Parcel 45 (Wetland Preserve)
  - O-19. NCRSP, Parcel 82 (Lower Watershed)
  - O-20. NCRSP, Parcel 83 (Lower Watershed)
  - O-21. NCRSP, Parcel 84 (Lower Watershed)
  - O-22. NCRSP, Parcel 85 (Lower Watershed)
  - O-23. NCRSP, Parcel 86 (Lower Watershed)
  - O-24. NCRSP, Parcel 87 (Lower Watershed)
  - O-25. NCRSP, Parcel 88 (Lower Watershed)
  - O-26. NCRSP, Parcel 98A (Open Space/Recreation)
  - O-27. NCRSP, Parcel 98B (Open Space/Recreation)
  - O-28. NCRSP, Parcel 98C (Open Space/Recreation)
  - O-29. NCRSP, Parcel 98D (Open Space/Recreation)
  - O-30. NCRSP, Parcel 98E (Open Space/Recreation)
  - O-31. NCRSP, Parcels 80A & B (Lower Watershed)

- O-32. NCRSP, Parcels 81A & B (Lower Watershed)
- O-33. NERSP Open Space, Parcel 15L19
- O-34. NERSP Open Space, Parcel 26
- O-35. NERSP Open Space, Parcel 27
- O-36. NERSP Open Space, Parcel 28
- O-37. NERSP Open Space, Parcel 29
- O-38. NIPA Open Space, Parcel 60
- O-39. NIPA Open Space, Parcel 61
- O-40. NIPA Open Space, Parcel 62
- O-41. NIPA Open Space, Parcel 63
- O-42. NIPA Open Space, Parcel 64
- O-43. NIPA Open Space, Parcel 65
- O-44. NIPA Open Space, Parcel 66
- O-45. NIPA Open Space, Parcel 67
- O-46. NIPA Open Space, Parcel 68
- O-47. NIPA Open Space, Parcel 69
- O-48. NIPA HEWLETT-PACKARD CAMPUS OAKS Open Space, Parcels CO-81, CO-82 & CO-83 (Former Parcel 70)
- O-49. NRSP Open Space, Parcel DC-80
- O-50. NRSP Open Space, Parcel DC-81
- O-51. NRSP Open Space, Parcel DC-9B
- O-52. NRSP Open Space, Parcel M-80
- O-53. NRSP Open Space, Parcel M-81
- O-54. NRSP Open Space, Parcel W-80
- O-55. NRSP Open Space, Parcel W-81
- O-56. NRSP Open Space, Parcel W-82
- O-57. NRSP Open Space, Parcel W-83
- O-58. NRSP Open Space, Parcel WN-80
- O-59. NRSP Open Space, Parcel WN-81 (Wetland Comp.)
- O-60. NRSP Open Space, Parcel WN-82
- O-61. NRSP Open Space, Parcel WN-83
- O-62. NRSP Open Space, Parcel WN-84
- O-63. NRSP Open Space, Parcel WN-85
- O-64. NRSP Open Space, Parcel WW-82 (Wetland Comp.)
- O-65. NRSP Open Space, Parcel WW-83 (Landscape)
- O-66. NRSP Open Space, Parcel WW-84 (Vegetation Buffer)
- O-67. NRSP Open Space, Parcel WW-85 (Vegetation Buffer)
- O-68. NRSP Open Space, Parcel WW-86-89
- O-69. NWRSP Open Space, Parcel 73A-5 (Wetland)
- O-70. NWRSP Open Space, Parcel 73A-6 (Wetland Res.)
- O-71. NWRSP Open Space, Parcel 73B
- O-72. NWRSP Open Space, Parcel 77B
- O-73. NWRSP Open Space, Parcel 78 (Recreation Floodway)
- O-74. NWRSP Open Space, Parcel 79A (Floodway)
- O-75. NWRSP Open Space, Parcel 79B (Floodway)
- O-76. SERSP, Parcel 13B (Floodway)
- O-77. SERSP, Parcel 70 (Floodway)
- O-78. SERSP, Parcel 71 (Recreation Floodway)
- O-79. SERSP, Parcel 72 (Floodway)
- O-80. SERSP, Parcel 73 (Recreation Floodway)
- O-81. SERSP, Parcel 74 (Recreation Floodway)
- O-82. SERSP, Parcel 75 (Recreation Floodway)
- O-83. SERSP, Parcel 76 (Floodway)
- O-84. SERSP, Parcel 83 (Vernal Pool Preserve)
- O-85. SRSP Open Space, Parcel 11
- O-86. SRSP Open Space, Parcel 12
- O-87. SRSP Open Space, Parcel 16
- O-88. SRSP Open Space, Parcel 25
- O-89. SRSP Open Space, Parcel 26
- O-90. SRSP Open Space, Parcel 31
- O-91. SRSP Open Space, Parcel 32
- O-92. SRSP Open Space, Parcel 44 (Wetland Preserve)
- O-93. SRSP Open Space, Parcel 5
- O-94. SRSP Open Space, Parcels 50, 52B, 60
- O-95. SRSP Open Space, Parcel 6
- O-96. SRSP Open Space, Parcel 7
- O-97. SRSP Open Space, Parcels 53A & B (Private)
- O-98. WRSP Open Space, Parcel F-80
- O-99. WRSP Open Space, Parcel F-83
- O-100. WRSP Open Space, Parcel F-84
- O-101. WRSP Open Space, Parcel F-85
- O-102. WRSP Open Space, Parcel F-86
- O-103. WRSP Open Space, Parcel F-87
- O-104. WRSP Open Space, Parcel F-88
- O-105. WRSP Open Space, Parcel F-89
- O-106. WRSP Open Space, Parcel W-81
- O-107. WRSP Open Space, Parcel W-82
- O-108. WRSP Open Space, Parcel W-83
- O-109. WRSP Paseo, Parcel F-90A-C
- O-110. WRSP Paseo, Parcel F-91A-C
- O-111. WRSP Paseo, Parcel F-92A-C
- O-112. WRSP Paseo, Parcel F-93
- O-113. WRSP Paseo, Parcel W-85
- O-114. WRSP Paseo, Parcel W-87
- O-115. WRSP Paseo, Parcel W-88
- O-116. WRSP Paseo, Parcel W-89
- O-117. SVSP Open Space, Parcel CG-70, CG-82
- O-118. SVSP Open Space, Parcel CG-80
- O-119. SVSP Open Space, Parcel CG-81
- O-120. SVSP Open Space, Parcel CO-80 & 81
- O-121. SVSP Open Space, Parcel DF-80 & 81

- O-122. SVSP Open Space & Paseo Parcels  
FD-70-74, CO-70-71
- O-123. SVSP Open Space, Parcel FD-80
- O-124. SVSP Open Space, Parcel FD-81
- O-125. SVSP Open Space, Parcel FD-82A & B
- O-126. SVSP Open Space, Parcel FD-83
- O-127. SVSP Open Space, Parcel FD-84
- O-128. SVSP Open Space, Parcel FD-85
- O-129. SVSP Open Space, Parcel FD-86
- O-130. SVSP Open Space, Parcel FD-87A & B
- O-131. SVSP Open Space, Parcel FD-88A & B
- O-132. SVSP Open Space, Parcel JM-80
- O-133. SVSP Open Space, Parcel JM-81
- O-134. SVSP Open Space, Parcel JM-82
- O-135. SVSP Open Space, Parcel JM-83
- O-136. SVSP Open Space, Parcel JM-84
- O-137. SVSP Open Space, Parcel JM-85
- O-138. SVSP Open Space, Parcel KT-80A
- O-139. SVSP Open Space, Parcel KT-80B
- O-140. SVSP Open Space, Parcel KT-81
- O-141. SVSP Paseo, Parcel DF-70 & 71
- O-142. SVSP Paseo, Parcel FD-71
- O-143. SVSP Paseo, Parcels FD-75 & 76
- O-144. SVSP Paseo, Parcel FD-77, JM-70
- O-145. SVSP Paseo, Parcel JM-71
- O-146. SVSP Paseo, Parcel JM-72 & 73
- O-147. SVSP Open Space, Parcel WB-80
- O-148. CVSP Open Space, Parcel C-50
- O-149. CVSP Open Space, Parcel C-51
- O-150. CVSP Open Space, Parcel C-52
- O-151. CVSP Open Space, Parcel C-53
- O-152. CVSP Open Space, Parcel C-54
- O-153. ARSP Open Space, Parcel AR-90
- O-154. ARSP Open Space, Parcel AR-91
- O-155. ARSP Open Space, Parcel AR-92
- O-156. ARSP Open Space, Parcel AR-93
- O-157. ARSP Open Space, Parcel AR-94
- O-158. ARSP Open Space, Parcel AR-95
- O-159. ARSP Open Space, Parcel AR-96
- O-160. ARSP Open Space, Parcel AR-97
- O-161. ARSP Open Space, Parcel AR-98
- O-162. ARSP Open Space, Parcel AR-99
- O-163. ARSP Open Space, Parcel AR-100
- O-164. ARSP Open Space, Parcel AR-101
- O-165. ARSP Open Space, Parcel AR-102
- O-166. ARSP Open Space, Parcel AR-103
- O-167. ARSP Open Space, Parcel AR-104
- O-168. ARSP Open Space, Parcel AR-105
- O-169. ARSP Paseo, Parcel AR-70
- O-170. ARSP Paseo, Parcel AR-71
- O-171. ARSP Paseo, Parcel AR-72
- O-172. ARSP Paseo, Parcel AR-73
- O-173. ARSP Paseo, Parcel AR-74

- O-174. ARSP Paseo, Parcel AR-75
- O-175. ARSP Paseo, Parcel AR-76
- O-176. ARSP Paseo, Parcel AR-77
- O-177. ARSP Paseo, Parcel AR-78
- O-178. ARSP Paseo, Parcel AR-79
- O-179. ARSP Paseo, Parcel AR-80
- O-180. ARSP Paseo, Parcel AR-81

### **Existing and Planned School Recreation Areas<sup>2</sup>**

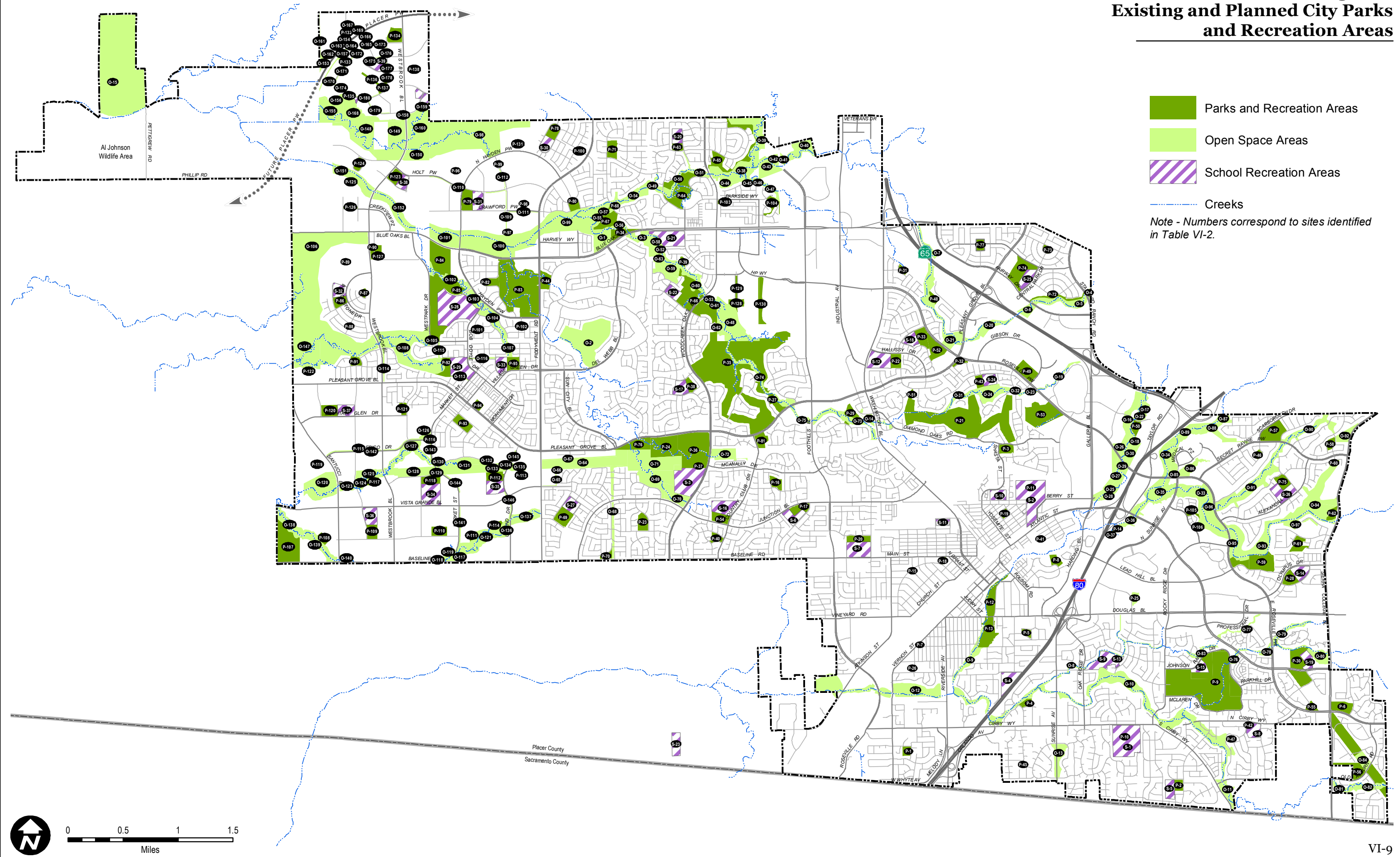
- S-01. Oakmont High School
- S-02. Roseville High School
- S-03. Woodcreek Oaks High School
- S-04. Cirby School
- S-05. Crestmont School
- S-06. Heritage Oak School
- S-07. Kaseburg School
- S-08. Sargeant School
- S-09. Sierra Gardens School
- S-10. Spanger School
- S-11. Woodbridge School
- S-12. Buljan Intermediate School
- S-13. Eich Intermediate School
- S-14. Olympus Intermediate School
- S-15. Maidu School
- S-16. Silverado Intermediate School
- S-17. Quail Glen School
- S-18. Vencil Brown School
- S-19. Excelsior School
- S-20. Diamond Creek School
- S-21. Cooley Middle School
- S-22. Blue Oaks Elementary School
- S-23. Dry Creek School
- S-24. Catheryn Gates School
- S-25. Highland Reserve School
- S-26. Stoneridge Elementary School
- S-27. Coyote Ridge Elementary School
- S-28. WRSP High School Site, Parcel F-72
- S-29. Barbara Chilton Middle School
- S-30. Fiddymont Farm Elementary School
- S-31. WRSP School Site, Parcel, F-71
- S-32. WRSP School Site, Parcel, W-70
- S-33. Junction Elementary School
- S-34. SVSP Middle School Site, Parcel FD-65
- S-35. SVSP School Site, Parcel JM-61
- S-36. SVSP School Site, Parcel KT-61
- S-37. SVSP School Site, Parcel WB-60
- S-38. CSP School Site, Parcel C-80
- S-39. ARSP School Site, Parcel AR-50

<sup>1</sup> Includes open space areas in which various recreational amenities, such as trails, are planned or have been contemplated.

<sup>2</sup> Includes school property available for City programs

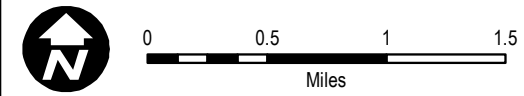
<sup>3</sup> Joint ownership between City and Roseville High School District

**Fig. VI-1  
Existing and Planned City Parks  
and Recreation Areas**



- Parks and Recreation Areas
- Open Space Areas
- School Recreation Areas
- Creeks

*Note - Numbers correspond to sites identified in Table VI-2.*



## **TABLE VI-3 PARK DEFINITIONS**

### **Neighborhood Park**

A neighborhood park can be generally defined as a landscaped park designed to serve a concentrated population or neighborhood. They are often developed as a recreation facility with a balance of passive/informal/self-directed and active/formal/programmable recreation areas serving all ages. Typical improvements are play areas, picnic tables (covered or uncovered), athletic fields, multi-use turf, hard courts, natural areas, pathways, security lighting and in some cases, unique or single-purpose amenities. Park improvements shall consider a one hour to one and one half hour stay per visit.

Typical Preferred size range: three (3) acres up to five (5) acres

### **Neighborhood/School Park**

School park areas are facilities developed on or adjacent to school land and available for City use. Facilities would focus on clustering active ball fields whenever possible in order to alleviate impacts to neighborhood parks and to provide more cost effective maintenance practices. The facilities may be jointly used, and/or developed. They are often developed as an active/formal/programmable recreation facility serving all ages. Typical facilities may include play areas, athletic fields (lighted or non-lighted), picnic areas, hard courts, game courts, joint off-street parking, pathways, and security lighting. Shared or joint use could facilities could include swimming pools, gymnasiums, hard courts, sports courts, and specialty elements.. Restrooms may be included, but are not required. The facilities could be subject to use restriction and/or maintenance agreements defined in a specific joint-use agreement with the City. The multi-use of school and park facilities is also addressed in the school component of the Public Facilities Element.

Typical size range: 5.5 acres up to 10 acres.

### **Community /City-Wide Park**

Community/city-wide parks are designed to accommodate a wider variety and higher intensity of recreational uses than neighborhood parks, and are frequently identified as unique recreational centers serving the entire Roseville population. These facilities are designed to “cluster” active sport elements to accommodate city-wide or regional needs such as tournaments, special events and or tourism to provide more cost effective maintenance practices. These parks may include unique recreational amenities such as plazas, town centers, large specialty type recreation facilities, swimming pools, libraries, community centers, outdoor areas, competitive sports complexes, tennis courts, sports courts and sports lighting, concessions, nature centers, large children’s play areas, large group picnic facilities, trail systems, transit stops, outdoor amphitheaters, water-oriented facilities for boating, swimming and fishing, restrooms, and park and ride within parking lots. Community/city-wide facilities may be stand alone or located adjacent to schools.

Typical size range: 4 acres to over 200 acres.

### **Additional Definitions and Standards include:**

#### **Landscape Areas**

Landscape areas are generally defined as linear public corridors (i.e. roadway landscaping and corridors, and other landscape frontage )that provide visual relief along major roadways (arterials and collector) and are significant connections within the City between parks, schools, neighborhoods, businesses and shopping areas. Typical components are usually sidewalks, trees, turf, shrubs, and ground covers designed by using berms and slopes. Landscape areas may also include street furnishings, walls/fencing, city boundary markers, , lighting and signs. No developed parkland credits would be applied to these areas.

## Paseos

Paseos are provided to promote walking and biking by establishing connectivity between residences, parks, schools, local businesses, trail systems and or other connections. They may include similar landscaping components such as sidewalks, plant materials, and bike/pedestrian trails. Paseos vary in width between 25-100 feet depending on the intended use and location. Paseos are open to the surrounding neighborhood by maintaining a street frontage to one side ensuring that paseos are not hidden. This allows visibility by residents and City for security access. No developed parkland credits would be applied to these areas.

## Greenways

Greenways are defined as wide, usually linear, landscape corridors. They usually consist of very simple landscaping features such as turf, trees, shrubs, or no landscaping at all, and usually include sidewalks, and bike/pedestrian trails. They typically link streets together to provide opportunities such as walking or biking, and they may be a prominent component of a Class 1 bike path system. They differ from paseos in that they can be undeveloped, may imply transportation and movement, and usually have greater widths and lengths. While containing some characteristics of open space areas they may contain some formal landscaping features and irrigation. No developed parkland credits would be applied to these areas.

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**TABLE VI-4  
PARK STANDARDS**

In the development of parks and recreational facilities, the following standards and definitions shall generally apply:

Components	Neighborhood Park/Neighborhood /School Park	Open Space	City-wide Park
<b>Acreage/1,000 Population</b>	3 <sup>i</sup> Acres	3 Acres	3 Acres
<b>Desired Size</b>	3-20 Acres	2-100 + Acres	10+-200+ Acres
<b>Population Served</b>	2,000-3,000	All	All
<b>Service Area</b>	¼ - 1 miles	Citywide	Citywide

<sup>i</sup> Parks may be less than three acres (.5acres if existing and one acre or greater if planned), The City's preference is that Neighborhood parks be planned at three acres or greater to ensure adequate space for programmed recreation needs.

The City will maintain flexibility in applying the above standards to best meet the parks and recreation needs of the community. Neighborhood or Citywide credit towards meeting the standards may be considered for non-traditional public lands if it can be determined that it adds a needed recreational value and as defined in Table VI-5.

## TABLE VI-5 PARK SITING CRITERIA

### All Parks

- Locate centrally within designated service area;
- Provide convenient and safe access for pedestrians, bicyclists and autos;
- Locate with frontage on at least one public street;
- Choose sites that have interesting or special features;
- Locate parks in areas that can be viewed easily for security reasons;
- Locate parks to link with existing and planned trails, the open space network and other connections;
- Choose sites which avoid possible hazards, such as heavy traffic, railroads, industrial sites or electrical transmission line easements; and,
- Provide buffers between active use areas/formal/programmable and adjacent residential development.
- Where parks are proposed with streets that include on-street bike lanes, parallel parking shall also be provided along the street frontage.

### Neighborhood Parks

- Locate with frontage on collector streets when possible;
- Avoid separation of park and residential areas by major arterials or other barriers;
- Create a park that highlights neighborhood identity and not a regional attraction/ Create an identity with each park;
- Mini/small neighborhood parks should be located within neighborhoods and in proximity to small lot and higher density residential development (e.g. apartments, condominium/townhouse complexes, housing for the elderly) and within business districts; and,
- The desired location for larger neighborhood parks is within 0.5 to 1 mile of a given neighborhood without crossing a major roadway.

### Neighborhood Park/School Park Areas

- Locate with frontage on collector streets;
- Avoid separation of park and residential areas by major arterials or other barriers;
- Jointly plan for more active facilities;
- Combine off-street parking with school parking when possible; and,
- Create cohesive flow of outdoor space between school and park.

### City Wide Parks

- Locate with frontage on major collector or arterial roadway, and near major arterials or freeways to provide a maximum degree of accessibility;
- Locate adjacent to schools or commercial/retail/hotel centers as park features dictate;
- Locate larger, more active facilities away from residential neighborhoods;
- Provide off-street parking; and,
- Incorporate unique or special features.

### Open Space Areas

- Locate consistent with the Open Space Element;
- Provide access to open space areas except those areas sensitive to human presence;
- Provide an interconnecting system of open space corridors consisting of both public and private open space and, where feasible, incorporate bikeways and pedestrian paths, interpretive signage, etc.;
- Highlight unique or special features into the open spaces, such as cultural heritage, historical features, etc. through outreach, educational kiosks, interpretive signs, etc.;
- Consider regional linkages between open space and adjacent communities; and,

- Private open space may be required to include public access for purposes of recreation and implementation of the City of Roseville Bicycle Master Plan, Pedestrian Master Plan or other adopted planning documents.

### **Landscape Areas**

- Landscape corridor areas are typically located adjacent to residential subdivisions along collector streets and arterial roads; and,
- Landscaped medians/streetscape corridors are typically located along arterial roads.

### **Paseos**

- Paseos are landscape corridors adjacent to residential subdivisions;
- Paseos shall be open to a street or cul-de-sac on one side at all times;
- Paseos shall have a minimum of 50% street-edge frontage on each side;
- Paseos typically contain a sidewalk, or a Class I bike path and provide connectivity between residences, parks, schools, and local businesses; and,
- Paseos shall have lighting, either by bollards, light standards, or combination of both.

### **Greenways**

- Greenways are usually sited within neighborhoods and may provide links to streets and other public facilities similar to paseos. They can also be sited underneath power lines and other areas similar to open space;
- Greenways typically border the back or side yards of residential neighborhoods;
- Greenways are typically wider than paseos , imply movement and may contain Class I bike paths; and,
- Greenways can be undeveloped and natural.

## TABLE VI-6 PARK CREDIT IMPLEMENTATION CHART

Neighborhood and city-wide park credits are applied at a one acre of active/formal/programmable or passive/informal/self-directed recreation land per one acre of credit towards the nine acre/1,000 population standard. To the extent possible, neighborhood parks should seek to provide passive/informal/self-directed recreational opportunities; while school/park and city-wide parks should focus on active/formal/programmable recreation. Of the nine acre/1,000 population park standard, six acres are dedicated toward developed recreation. Typically, the six acres are applied as three acres/1,000 population for neighborhood parks and three acres/1,000 population for city-wide parks. Credits applied to each type of developed parkland shall consider identified gaps and community needs between active/formal/programmable and passive/informal/self-directed recreation and access to such recreational opportunities in the adjacent or surrounding areas. Therefore, the six acres of developed parkland could consider application of parkland credits as two acres of neighborhood and four acres of city-wide park land (or a combination thereof) equaling a total of 6 acres total of developed parkland, where applicable.

Open space may be granted full credit not to exceed the three acre/1,000 land to population standard if they provide some form of recreational value. Recreational value is defined as a measure of public accessibility and recreational improvements. This may include bike paths along creekways or along golf courses, vernal pools with walking, picnicking and interpretive signage, etc. The dedication of open space lands in excess of three acres/1,000 population would not be applied toward the remainder of six acres/1,000 population for developed parkland.

The ability to receive credit, and the amount of credit given, will be determined by the City on a case by case basis dependent upon: recreational value; accessibility and potential benefit to the community of the land or improvements; and the benefit generated to the City as a whole. Park credits for park lands are typically considered at the specific plan stage. Credit shall only be granted where provisions are included to ensure that the credited lands or facilities remain at their intended credited use on a long-term basis.

The following nontraditional public lands may be considered by the City to receive partial park credit toward the open space component of the standard:

- Floodways
- Wetlands
- Oak Woodlands
- Riparian Areas
- Public Greenbelts or Greenways
- Public Golf Courses
- Unique Natural, Historical or Cultural Resources
- Powerline/PUE
- Detention Basins



	wastewater, in park development, and design.	<ul style="list-style-type: none"> <li>- <i>Water Efficient Landscape Requirements</i></li> <li>- <i>Parks Construction Standards</i></li> </ul>
7.	Plan for safe and secure parks and recreation areas.	<ul style="list-style-type: none"> <li>- <i>Park Definitions, Standards and Siting Criteria</i></li> <li>- <i>Development Review Process</i></li> <li>- <i>Parks and Recreation Comprehensive Master Plan</i></li> <li>- <i>Public Education and Interpretive Programs</i></li> <li>- <i>Specific Plans</i></li> <li>- <i>Development Agreements</i></li> <li>- <i>Parks and Recreation Business Plan</i></li> </ul>
8.	Require that parks and recreational facilities be phased or fully completed so as to be available as adjacent residential uses are developed.	<ul style="list-style-type: none"> <li>- <i>Specific Plans</i></li> <li>- <i>Development Review Process</i></li> <li>- <i>Park Fee Ordinances</i></li> </ul>
9.	Continue to maintain and upgrade as necessary City parks and open space areas through the Parks, Recreation & Libraries Department, to assure safe, clean and orderly facilities.	<ul style="list-style-type: none"> <li>- <i>Park Maintenance</i></li> <li>- <i>Park and Recreation Business Plan</i></li> <li>- <i>Development Agreements</i></li> <li>- <i>Life Cycle Analysis</i></li> <li>- <i>CIP Rehabilitation Plans</i></li> <li>- <i>Replacement Gap Analysis</i></li> <li>- <i>Public Education and Interpretive Programs</i></li> </ul>
10.	Continue to provide a wide variety of programs, activities, and educational opportunities for the community.	<ul style="list-style-type: none"> <li>- <i>Parks and Recreation Comprehensive Master Plan</i></li> <li>- <i>Public Participation</i></li> <li>- <i>Intergovernmental Cooperation</i></li> <li>- <i>Park Safety and Interpretive Programs</i></li> </ul>
11.	Through parks and recreation facilities and programs, accommodate those with special needs, including teenagers, seniors and the disabled, and meet the requirements of the American Disabilities Act.	<ul style="list-style-type: none"> <li>- <i>Parks and Recreation Comprehensive Master Plan</i></li> <li>- <i>Public Participation</i></li> <li>- <i>Development Agreements</i></li> <li>-</li> </ul>
12.	Ensure that new public parks and recreation facilities, open space, paseos, landscape areas and greenways provide adequate funding for initial development, as well as ongoing maintenance and operation.	<ul style="list-style-type: none"> <li>- <i>Parks and Recreation Comprehensive Master Plan</i></li> <li>- <i>Park Maintenance</i></li> <li>- <i>Dedication, Fees, Exactions</i></li> <li>- <i>Funding Sources</i></li> <li>- <i>Specific Plans</i></li> <li>- <i>Development Review Process</i></li> <li>- <i>Development Agreements</i></li> <li>- <i>Park Fee Ordinances</i></li> </ul>

## **D. IMPLEMENTATION MEASURES**

### **1. Park Definitions, Standards and Siting Criteria**

*(Existing)*

Use the Parks Definitions, Standards and Siting Criteria reflected on Tables VI-2, VI-3 and VI-4 of this element and the Parks and Recreation Master Plan, Strategic Plans, Needs Assessments and the Park and Recreation Business Plan to plan for future parks and recreation facilities. These guidelines shall be used to allow the City flexibility for varying circumstances, in terms of size, facilities and service areas, to ensure that existing and future needs are met and to lessen gaps identified in the Needs Assessment. *(Policies 1, 2, 4, and 7)*

### **2. Specific Plans**

*(Ongoing)*

Ensure that future and revised specific plans include parks and recreation facilities consistent with the standards of this element. Such plans shall identify the future recreation needs of the area, based on the projected population and demographic characteristics, and designate the appropriate recreational lands. The specific plans shall address park acreage credits, acquisition or dedication, and financing, timing and maintenance. Utilize development agreement to secure these provisions. *(Policies 1, 4, 7 and 8)*

### **3. Development Review Process**

*(Ongoing)*

Continue the City's development review in accordance with the requirements contained in such documents as the Zoning Ordinance, Sign Ordinance, Subdivision Ordinance and Subdivision Map Act, Transportation Systems Management Ordinance, the Specific Plans, the California Environmental Quality Act, and other statutes.

Consult the Parks, Recreation & Libraries Department, and other affected agencies, as a result of any development proposal that may have an impact on parks and recreational facilities. Any comments and recommended mitigation will be considered during the review process. Development review shall address the

need for park facilities, timing and provision of such facilities, and the design relationship between parks and adjacent development. *(Policy 1, 7, 8 and 12)*

### **4. Dedications, Fees and Exactions**

*(Ongoing)*

The City shall require new residential development to dedicate land or pay in-lieu fees toward the provision of parks at the nine acre/1,000 population standard. The City shall utilize its charter city authority and legal authority to ensure compliance with the General Plan standards for park dedication. *(Policy 1, 12)*

### **5. Funding Sources**

*(Ongoing)*

Continue to pursue both existing and alternative sources of funding to provide for initial construction and ongoing maintenance of parklands and recreational facilities that will adequately meet community needs. Existing sources include the Neighborhood Park Fees, City-wide Park Fees, In-Lieu Park Fees and funds from endowments, Landscape and Lighting Districts and Community Services Districts. Other sources may include state bond acts, federal and state grants, assessment districts, tax initiatives, and public/private partnerships. Recreational facilities may be provided through fund raising efforts by civic and community organizations. Neighborhood groups may be an additional source of finance and voluntary labor to meet recreational needs. *(Policy 1, 12)*

### **6. Park Credit Implementation Chart**

*(Existing)*

The City may consider granting park credit for non-traditional land in accordance with the Park Credit Implementation Chart (Table VI-6). This chart includes a credit ratio range that may be applied to the listed open space lands with recreational value. The City may only consider credit for these lands after the active recreation needs (ball fields, turf areas, hardcourts) for the area have been met. *(Policies 2 and 3)*

**7. Parks and Recreation  
Comprehensive Master Plan**  
*(Existing)*

The Parks and Recreation Comprehensive Master Plan was adopted by the City Council on May 17, 1995.

The Parks and Recreation Comprehensive Master Plan should be updated with any significant modification to the City's land use allocation. The Plan will be used to ensure continual review and updating of recreation facility standards. Periodic survey of City-administered recreation programs should also be conducted by the Parks, Recreation & Libraries Department in order to evaluate the content and popularity of programs being offered. *(Policies 1, 2, 4, 7, 10 and 11,12)*

**8. Interagency Coordination**  
*(Ongoing)*

Coordinate with local school districts to provide additional park and recreation areas in conjunction with school facilities. This coordination shall occur consistent with the goals and policies of the School Component of the Public Facilities Element. Maximize active recreation opportunities for Roseville residents, including ball fields, turf areas, and hard courts through joint use area. *(Policy 4)*

**9. Public Participation**  
*(Ongoing)*

Actively solicit public participation in the planning and development of parks and recreational programs to more effectively meet the needs of City residents. The primary means of public input will be through the Parks and Recreation Commission, City Council, public workshops, and surveys. Both the Parks and Recreation Commission and City Council review and act upon recreation improvements and programs. Additional resources include organizations such as the other Council appointed Commissions Committees. *(Policies 4, 10 and 11)*

**10. Intergovernmental Cooperation**  
*(Ongoing)*

Continue to pursue a regional approach to planning and development of recreational facilities to help ensure optimal use of existing parks and natural resources. Cooperate with neighboring communities toward joint-use of park lands and facilities, and full use of open space areas. Additionally, the Parks, Recreation & Libraries Department should continue to confer with other jurisdictions as well as collaborate with public/private partnerships in an effort to identify new programs that have proven successful in other communities. *(Policies 5 and 10)*

**11. Water and Energy Conservation**  
*(Existing)*

Develop and design parks, golf courses and other recreation lands consistent with the Water and Energy Conservation Component of the Public Facilities Element. Incorporate water and energy conservation measures into the design of recreational facilities. The Parks and Recreation Department should adopt landscaping and maintenance practices which conform to the conservation standards set forth in the Public Facilities Element. *(Policy 6)*

**12. Recycled Water Use**  
*(Existing)*

Actively pursue the use of recycled water in appropriate irrigation applications for park, golf course and other recreation landscapes consistent with the provisions of the Public Facilities Element. If feasible, extend recycled water to include wildlife or wetland habitat reclamation for incorporation into City park lands. *(Policy 6)*

**13. Water Efficient Landscape Requirements**  
*(Ongoing)*

The City's Planning, Environmental Utilities, and the Parks, Recreation & Libraries Departments, will continue to implement the water efficient landscape requirements to meet the standards for water conscious landscaping and to reduce water use in development projects. The requirements specify use of trees and other vegetation in new development. The requirements should also be applied in the design

and development of City parks and recreation facilities, and city-maintained streetscapes and medians along major arterials and collector streets and should be consistent with the provisions of the Water and Energy Conservation Component of the Public Facilities Element. (Policy 6)

#### **14. Public Education and Interpretive Programs** (Ongoing)

Continue the Parks, Recreation, & Libraries Department's public education and interpretive programs to preserve and protect the City's parks through prevention, enforcement, community education and public relations activities. The programs are designed to develop appreciation of natural resources and the historical value of the Roseville park system through a variety of interpretive and educational awareness programs. (Policies 7,9 and 10)

#### **15. Park Maintenance** (Ongoing)

The City's Parks, Recreation, & Libraries Department will continue to maintain the City's parks and recreation lands, including open space areas and streetscapes and medians along major arterials and collector streets. New development areas will be required to identify resources for the maintenance of future parks and recreation lands. This will include exploring the establishment of maintenance assessment districts. (Policy 9, 12)

#### **16. Development Agreements** (Ongoing)

The City shall require proponents of new development to enter into an agreement specifying their fair share obligations for the construction and maintenance of parks and recreation facilities, including greenways and paseos. The intent of the agreement shall be to provide 100% of the needed facilities, unless the

City makes findings that there are special circumstances (economic or social benefit to the City and its residents), and will indicate from what sources, and time frames, the facilities will be provided.

(Policies 1,4, 7,9, 10, 11 and 12)

#### **17. Life Cycles, CIP Rehabilitation Plans and Replacement Gap Analysis** (Ongoing)

Finalized in May 2006, this plan creates an operational and management system for the Parks and Recreation Department that allows for success and accountability toward performance standards, outcomes and sustainable revenue sources. (Policies 1,7,9, 10, 11)

Prioritize capital improvements and replacement of amenities based on current life cycle analysis through studies or asset management programs, an updated five year rehabilitation plan and/or a current replacement gap analysis study. (Policy 9)

#### **18. Park Fee Ordinances** (Existing)

Park Fees as specified in Roseville Municipal Code Title 4, Revenue and Finance. (Policies 1, 8, 12)

#### **19. Needs Assessment** (ongoing)

Require Needs Assessment analyses on an as needed basis, or when major new plan areas are being considered, to determine future parks, recreation, and libraries needs of the community. Use the information to determine types, sizes and parks programs.


(Policies 1, 2, 4, 7, 9, 10, and 12)

# OPEN SPACE AND CONSERVATION

Open Space System  
Vegetation and Wildlife  
Groundwater Recharge and Water Quality  
Archaeological, Historic and Cultural Resources

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State law requires each general plan to address open space and conservation issues including the preservation, management, and efficient use of open space and natural resources. The state has defined open space lands as being essentially unimproved and devoted to the preservation of natural resources, managed production of resources, outdoor recreation, and public health and safety. Conservation efforts are intended to focus on the wise management of natural and manufactured resources to assure their continued availability for use, appreciation, and enjoyment.

State law is also addressing the issue of Climate Change, in terms of both the cause and the potential effects. Natural resource conservation has been identified as one of the most effective ways to counteract the effects of global warming. Although not currently mandated to do so, Roseville's conservation efforts increase and maintain vegetated groundcover through the protection of trees and woodland areas, and the enhancement of urban parks and street-tree programs. Since Climate Change is also likely to have adverse effects on vulnerable plant and animal species, Roseville's conservation efforts also address the preservation of natural habitats, both aquatic and terrestrial. Such sustainable goals and policies throughout the General Plan are designated with an icon: Also, a more focus  discussion of Climate Change can be referenced in the Air Quality element of the General Plan.

The City recognizes that open space land is limited and that valuable resources must be conserved wherever possible. For many in Roseville, the City's open space setting is a highly valued natural resource. Given the strong interrelationship between open space and conservation issues, the City of Roseville has chosen to combine discussion of these items into a single Open Space and Conservation Element.

Resources provide both tangible and intangible benefits. Oak woodlands and riparian areas, for example, provide benefits to the City not only in the diversity of species they support, but also in their aesthetic appeal to City residents.

The challenge for Roseville is to balance the preservation of open space, and other tangible and intangible resources, with continued growth and development. In addition, natural resources will need to be managed in a manner that allows resident use and benefit, while ensuring the long-term value and availability of the resources.

The Open Space and Conservation Element provides goals and policies intended to ensure the current and future preservation, enhancement, and management of the natural resources in the City. The element includes the following components:

**Open Space System** defines the basic form, structure, and use of the City's open space system. Emphasis is placed on creating an interconnecting system of open space that balances natural preservation with human use. Included in the open space system are natural habitat, preserve areas, greenbelt, and park and recreation lands in both public and private ownership.

**Vegetation and Wildlife** identifies the primary components of the City's natural systems and defines their relationship to the open space network. The preservation and management of grasslands, oak woodlands, riparian areas, seasonal wetlands, and special-status species are discussed.

**Groundwater Recharge and Water Quality** focuses on protecting the quantity of groundwater and the quality of surface water resources.

**Archaeological, Historic and Cultural Resources** identifies Roseville's heritage, providing direction for the preservation, enhancement, and management of historic sites and buildings.

The broad scope of issues addressed in the Open Space and Conservation Element overlap with other elements of the General Plan. Table V-1 reflects the relationship of open space and conservation issues to other General Plan elements. The Open Space and Conservation Element should be used in combination with the other elements to insure full implementation of all General Plan resource-related policies.

There are no prime farmlands or agricultural operations generating significant principle income in Roseville. The Al Johnson Wildlife Area includes rice and dry farming and a small area within the West Roseville Specific Plan contains prime farmland within a pistachio orchard. Developing greenfield areas contain farmland of local importance mainly used as grazing land. In addition, mineral resources, consisting of sand and gravel, are limited and no mineral extraction operations currently exist or are anticipated to exist in the City during the planning period. Therefore, no policies relating to agricultural or mineral resources have been included in the Open Space and Conservation Element. Should the City decide to expand in the future, policies relating to these issues may need to be considered.

Although the plan focuses on the current General Plan land use allocation and boundaries, it is intended that the goals, policies, and implementation measures contained herein will also apply should the City determine to increase its land use allocation or boundaries.

**It is an overall goal of the Open Space and Conservation Element to preserve a comprehensive interconnecting system of open space, encompassing preservation and enhancement of natural habitat and significant resource areas, for the use, appreciation, and enjoyment of the community.**

**TABLE V-1**

**OPEN SPACE AND CONSERVATION ISSUES  
RELATIONSHIP TO GENERAL PLAN ELEMENTS**

<b>Land Use</b>	<ul style="list-style-type: none"><li>• Open Space Land Use Definitions</li></ul>
<b>Air Quality &amp; Climate Change</b>	<ul style="list-style-type: none"><li>• Air Quality Conservation</li></ul>
<b>Open Space &amp; Conservation</b>	<ul style="list-style-type: none"><li>• Open Space System</li><li>• Vegetation &amp; Wildlife</li><li>• Groundwater Recharge &amp; Water Quality • Archaeological, Historic &amp; Cultural Resources</li></ul>
<b>Parks &amp; Recreation</b>	<ul style="list-style-type: none"><li>• Parks &amp; Recreation Definitions, Standards &amp; Citing Criteria</li><li>• Open Space Maintenance</li></ul>
<b>Public Facilities</b>	<ul style="list-style-type: none"><li>• Water &amp; Energy Conservation</li><li>• Source Reduction and Recycling</li></ul>
<b>Safety</b>	<ul style="list-style-type: none"><li>• Flood Control</li><li>• Geologic and Seismic Safety</li></ul>

# OPEN SPACE SYSTEM

## A. SETTING

Open space provides both relief from urbanization and access to natural areas in and around the community. In addition, open space lands provide an opportunity for habitat preservation and enhancement. Roseville has numerous natural areas that serve open space functions. A majority of these focus on the oak and riparian environments along the City's creek systems.

Roseville's overall open space system consists of a variety of natural and man-made elements. At the present time there are approximately 3151 acres of land in the City designated for open space use<sup>1</sup>. A majority of this acreage consists of floodplains, wetland preserves, watershed areas, and associated woodlands. This total does not include traditional developed parks or golf courses.

The City's open space system includes 2,496 acres of wetland preserve areas that were created as on-site mitigation. The preserve areas are monitored and managed in accordance with the permit conditions of the U.S. Army Corps of Engineers and the U.S. Fish and Wildlife Service and the City of Roseville Open Space Preserve Overarching Management Plan.

The General Plan Land Use Element identifies two land use categories, Open Space and Parks & Recreation, to be applied to the various types of open space lands. These designations are generally reflected on Figure V-1, Open Space Areas. Definitions for the categories above can be found in the Land Use Designations, Definitions and Standards Component of the Land Use Element. The open space land use categories will be overlaid by corresponding zoning districts that will further define their uses and limitations.

Open space of all types, including natural and man-made, are to be preserved throughout the City. It is intended that these resources will be primary factors in defining the City's identity and character.

The City has assigned priority to the development of a comprehensive open space network, connecting public and private open space lands, and providing access to destinations throughout the City and surrounding areas. Although some of the designated open space resources may not be naturally contiguous, they bear a positive and direct relation to each other through the formation of connecting corridors. Providing linkages between these components allows for wildlife, pedestrian, and bicycle circulation as well as other potential passive recreation and educational opportunities. A regionally linked system also allows for connections to adjacent communities.

## B. OUTLOOK

Preservations of open space and natural areas for habitat protection, as well as the enjoyment of Roseville citizens, is a basic goal of the Roseville General Plan. Current and planned development presents a challenge to the City in achieving this goal. However, proper implementation of supporting programs, development standards and guidelines will help preserve and enhance designated open space and natural habitat areas and insure that such areas are properly considered and conserved when analyzing future development.

Should the City decide to expand beyond its current urban land use allocation, the exact boundaries and methods of preservation for open space resources would need to be determined consistent with the goals and policies of this Element and the remainder of the General Plan.

State and federal resource agencies have indicated a preference for large-scale off-site preservation for certain wetland habitats. In addition, future open space and resource preservation strategies may require close coordination with large-scale County open space preservation programs or state and federal Natural Communities Conservation Plan/Habitat Conservation Plan efforts. These issues will require close inter-agency coordination.

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<sup>1</sup> Roseville Land Inventory, 2012



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## C. GOALS AND POLICIES

**GOALS: OPEN SPACE SYSTEM**

- Goal 1** Establish a comprehensive system of public and private open space, including interconnected open space corridors that should include oak woodlands, riparian areas, grasslands, wetlands, and other open space resources.
- Goal 2** Utilize the open space system to connect neighborhoods and separate development areas within the City.
- Goal 3** Provide access to public open space areas through the establishment of a series of public linkages that will be adequately managed and protected.
- Goal 4** Integrate, where feasible, passive recreational and educational opportunities with the protection of wildlife and vegetation habitat areas.
- Goal 5** Consider alternatives to City ownership and management of open space preserve areas.

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<b>Policies:</b>	<b>Open Space System</b>	<b>Implementation Measures</b>
1.	Provide an interconnecting system of open space corridors that, where feasible, incorporate bikeways and pedestrian paths.	<i>Each of the following measures shall be utilized, as applicable, to implement all of the policies of the Open Space System Component:</i>
<hr style="border-top: 1px dashed black;"/>		
2.	Provide interconnected open space corridors between open space and habitat resources, recreation areas, schools, employment, commercial service and residential areas.	<ul style="list-style-type: none"> <li>- Land Use Designation</li> <li>- Zoning Ordinance</li> <li>- Specific Plans</li> <li>- Development Review Process</li> <li>- Resource Inventory</li> <li>- Preservation Mechanisms</li> <li>- Maintenance and Management Programs</li> </ul>
<hr style="border-top: 1px dashed black;"/>		
3.	Work with adjacent jurisdictions to connect the City with regional open space and trail systems, providing a network of open space and habitat resources, pathways and, where reasonable, equestrian trails through the City to link nearby communities.	<ul style="list-style-type: none"> <li>- Intergovernmental Coordination</li> <li>- Bicycle Master Plan</li> <li>- Community Design Guidelines</li> <li>- Parks and Recreation Comprehensive Master Plan</li> <li>- Public Education Program</li> </ul>

4.  **Require** all new development to provide linkages to existing and planned open space systems. Where such access cannot be provided through the creation of open space connections, identify alternative linkages.


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5. **Provide** access to public open space resources except in those areas determined by the City to be sensitive to human presence.

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6.  **Take** into account consideration of natural habitat areas in developing linkages and in preserving open space areas. Identify alternate sites for linkages where sensitive habitat areas have the potential to be adversely impacted.

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7.  **Maximize** opportunities for preservation and maintenance of open space resources, including establishment of private open space areas. Consider coordination with non-profit organizations and investigate the potential for conservancy ownership and/or management of open space areas.

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8. **Provide** opportunities for public education through the City's public open space system, natural resource areas, and parks and recreation facilities.

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9. **Where** feasible, entryways into Roseville shall incorporate the preservation of natural resource areas, such as oak woodland, riparian and grassland areas as a way of defining the City's boundaries and identity.

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10. **Consider** the use of open space for the location of flood control facilities where such facilities allow compatible passive recreational use and resource preservation.

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## **D. IMPLEMENTATION MEASURES**

Each of the following measures shall be utilized, as applicable, to implement all of the goals and policies of the Open Space System Component:

### **1. Land Use Designation**

*(Existing)*

Designate all areas identified for open space use and/or habitat preservation with the appropriate open space land use designation as defined in the Land Use Element.

### **2. Zoning Ordinance**

*(Existing)*

Continue to implement the Zoning Ordinance that includes open space land use and development regulations consistent with the goals and policies of the Open Space and Land Use Elements.

### **3. Specific Plans**

*(Ongoing)*

Ensure that new or revised specific plans are consistent with the goals and policies of the General Plan. The specific plans shall identify and designate open space resources including grasslands, woodlands, wetlands, riparian areas, floodplains, recreation areas and other open space and habitat resources. This will include areas of scenic or educational value.

Particular attention shall be given to comprehensive resource conservation efforts for the entire plan area. Specific plans shall create open space systems that insure the preservation of designated open space and habitat resources, create corridors between the resources, link various specific plan land uses and services, link the plan area with the remainder of the City, and accommodate regional open space, compatible flood control facilities, and trail systems. Corridors shall be designed to consider the convenient movement of wildlife and path users with minimal restrictions from roadways and other urban features. Specific Plans shall describe methods of preservation, long-term maintenance, and provisions for management. Development agreements will be utilized to ensure preservation, maintenance, and management techniques including potential alternative

ownership and management approaches involving non-profit land trusts or conservancy organizations

### **4. Development Review Process**

*(Ongoing)*

Refer any development proposal that has a direct or indirect impact on designated open space, significant habitat, preserve or drainage areas to the Development & Operations Development, Parks and Recreation and Public Works Departments, as applicable, for comment. In addition, where development proposals have a potential impact on resources identified as being within the jurisdiction of outside agencies, including the California Department of Fish and Wildlife, California Regional Water Quality Control Board, U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, U.S. Environmental Protection Agency, and National Oceanic and Atmospheric Administration, refer such projects to the appropriate agencies. Consider the comments of the departments and agencies in the development review process.

The environmental review for projects shall include an inventory of the quantity and quality of resources, assessment of potential project impacts, identification of preservation techniques, and other mitigation and monitoring measures. Parcels shall not be created for urban purposes when significant natural resources would make such parcels undevelopable unless City approved mitigation programs are incorporated.

In addition to open space preservation, explore development alternatives and standards to minimize impacts on open space areas. Such techniques may include grading standards, limitation of development intensity, and cluster development. Development design should maximize the total open space frontage accessible to public view. Where appropriate, encourage native plants and landscaping that provide wildlife habitat. Address project linkages to local and regional open space networks through project review. Where appropriate, utilize development agreements to ensure open space preservation, maintenance, and management techniques.

### **5. Resource Inventory**

*(Ongoing)*

In conjunction with environmental review per CEQA, require that resource field surveys be submitted concurrent with development applications inventorying the type, quantity and quality of existing open space resources and conditions. This requirement may be waived if determined by the City that the proposed project area is already sufficiently surveyed, is within an adopted specific plan area, or contains resources considered less than significant. The completed surveys will be used in evaluation of individual projects as well as in the compilation of a comprehensive natural resource inventory for the City.

## **6. Preservation Mechanisms**

*(Ongoing)*

Explore and utilize a variety of mechanisms to promote and ensure the preservations of designated open space resources. Such mechanisms may include, but are not limited to, dedication, fee-title purchase, donations, transfer or purchase of development rights, and credits against park dedication requirements. If it is determined by the City that an open space resource is not desired for public ownership, the City may designate the preservation of such resource in private ownership. A decision not to seek public ownership may occur when the resource is not desired for public access and where public management and maintenance cannot be efficiently accommodated. In such cases, the permanent preservation of the resource shall be ensured through land use and zoning, recorded map, deed restriction, conservation easement, or other City approved mechanism.

Where feasible, and desirable, the acquisition and preservation of open space resources may be facilitated by working with non-profit land trusts and conservation organizations.

## **7. Operation and Management Plans**

*(Ongoing)*

Accompany the designation of any area as open space with a program to ensure the long-term maintenance and management of the area. The program shall address restrictions regarding grading and drainage from adjacent land uses, permitted and prohibited uses and activities, the frequency and type of maintenance needed, management and monitoring provisions to

ensure the continued viability of the resource, and designated costs and funding sources. When open space preserves are established as the result of permits issued by federal or state agencies, the maintenance and management programs shall be consistent with applicable permitting requirements and related Operation and Management Plans. Endowment funds, maintenance districts, or other revenue sources shall be established to ensure sufficient funding for maintenance and any required monitoring and reporting. Funding should consider law enforcement costs to ensure protection of natural values, improvements, public use and adjacent properties. New Preserve areas established by federal permit should be considered for appending to the City's Open Space Preserve Overarching Management Plan to ensure consistent City-wide Preserve area management practices.

## **8. Intergovernmental Coordination**

*(Ongoing)*

Consult, at the earliest possible opportunity, with adjacent jurisdictions and responsible agencies to ensure the coordinated designation and preservation of open space areas. Such efforts shall consider continuity of areas between jurisdictions, potential connections between communities and regional systems, and opportunities for regional resource preservation and banking.

## **9. Bicycle Master Plan**

*(Existing)*

Implement the Bicycle Master Plan as specified in the Bikeway/Trails component of the Circulation Element. The Bicycle Master Plan was developed according to State standards and provides a prioritized list of bikeway projects, improvements, and programs that will result in a comprehensive, inter-connected bikeway system.

## **10. Community Design Guidelines**

*(Existing)*

Implement the Community Design Guidelines as specified in the Land Use Element. The guidelines include standards to promote the integration of the natural and built environments and design standards for the City.

## **11. Parks and Recreation Comprehensive Master Plan** *(Existing)*

Implement the Parks and Recreation Comprehensive Master Plan as specified in the Parks and Recreation Element. The Master Plan includes a full assessment of traditional and non-traditional park lands and recreation opportunities.

## **12. Urban Forestry Master Plan** *(Existing)*

Implement the 2014 Urban Forest Master Plan. The Urban Forest Master Plan outlines existing general plan policies that support the urban forest as well as applicable standards contained in the Community Design Guidelines, Roseville's Municipal Codes and the Parks Construction Standards.

## **13. Public Education Programs** *(Ongoing)*

The City will participate in public programs emphasizing awareness of open space and resource conservation issues. When feasible, such programs should be coordinated with the local school districts and community groups. Efforts will be made to reach all households and provide accessibility through the timing and location of these programs.

# VEGETATION AND WILDLIFE

## A. SETTING

Vegetation and wildlife resources and corridors are an important component of the overall open space system. These resources, including trees, wetlands, riparian, and creek areas, have been the historic focus of preservation efforts in Roseville. If future generations are to enjoy and benefit from the resources available to the present generation, these finite and fragile resources need to be preserved and managed.

The vegetation and wildlife resources found in Roseville can be broadly classified by habitat types. The grasslands, oak woodlands, riparian areas, creeks, and seasonal wetlands support a wide variety of plant and animal species. Where feasible, the focus of preservation efforts shall be multi-purpose. It is preferred, as an example, to preserve woodlands, grasslands, and wetlands in combined, rather than separate and unconnected, settings.

The various habitat types are summarized below. Table V-2 lists the common plant and wildlife species associated with each habitat type. Figure V-2 generally reflects the location of the habitat areas in Roseville.

**Annual Grasslands.** Relatively small amounts of self-sustaining grasslands still exist in undeveloped areas of Roseville. Before the Spanish and later immigrants arrived in the Central Valley, the grasslands consisted of native species. The effects of grazing and clearing large tracts for agriculture resulted in the decline of native species, so that today most of the grasslands in the region are non-native. These areas do, however, provide important habitat for birds and other wildlife.

**Oak Woodlands, Riparian and Creek Areas.** The oak woodlands found in Roseville generally occur in proximity to the City's major stream channels. The microclimates and alluvial soils provide ideal conditions for the deeper rooting shrubs and trees found in these habitats. Most woodland areas are relatively open with little shrub growth.

The riparian areas support much wider biological diversity. Situated along and within the City's

creeks and water courses, the riparian corridors are a source of food and water and provide cover, nesting sites, and migration and dispersal corridors for wildlife.

Riparian areas are important in flood protection and they improve air and water quality through natural filtering. The oak woodland areas and riparian and creek habitats represent resources to the City not only in the diversity of species they support, but also in their natural open space and aesthetic values. The City's creek systems are further described in the Groundwater Recharge and Water Quality Component of this Element.

The City regulates the protection of its native oak trees through the Tree Preservation Ordinance. This ordinance includes standards that limit disturbance within the protected zones of oaks and emphasizes avoidance of trees. Where avoidance is not feasible, and tree removal is authorized by the City, mitigation is required on an inch for inch basis. The Tree Preservation Ordinance has been, and will continue to be, a highly valuable tool in protecting Roseville's oak trees and habitat.

Consistent with open space Implementation Measure 7, creek and riparian areas are managed according to the Roseville Creek and Riparian Management and Restoration Plan which provides standards for creek and riparian area management and enhancement and is a component of the City's Open Space Preserve Overarching Management Plan.

**Seasonal Wetlands.** Many of the wetland areas found in Roseville are seasonal in nature receiving, retaining, or transporting water only during the wet season. Wetlands are subject to the regulations of the U.S. Army Corps of Engineers under the provisions of Section 404 of the Clean Water Act. Two primary types of seasonal wetlands are found in the City: intermittent drainages and vernal pools.

Intermittent drainages are typically narrow channels one to ten feet in width that flow over a variety of substrata in Roseville. Most are wet only during the winter, transporting run-off. They typically are dry during the summer with scattered

ponds, but may contain water from adjacent urban runoff.

Vernal pools represent a significant seasonal wetland resource in Roseville. They are considered unique not only due to their limited natural occurrence and distribution, but also because of the unique native plant and animal species they support. Found in the valley grassland areas, vernal pools are typically small, shallow, hardpan-floored depressions that fill with water during the wet winter season, gradually drying by late spring or early summer.

Two types of vernal pools occur in the Roseville area. The first, northern volcanic mud flow vernal pools, occur in shallow depressions on Mehrten mud flow formations where the slope is generally less than two percent. The second type of vernal pool is the northern hardpan. These generally occur on the Inks or Cometa soil series found at the lower watershed portions of creek floodplains.

During the wet season, the pools provide special habitat required for unique plant and animal species whose germination, growth, and reproductive cycles coincide with the availability of collected water. There is significant variety between individual pools both in the length of time they remain wet and in the diversity of plant species present.

Vernal pool habitats, although relatively abundant in Roseville and the Sacramento/Placer County region, are considered unique on a statewide basis. The fact that several plant species only occur in association with these special habitats has triggered concern about their inventory and preservation.

**Special-Status Species.** A “special status” species is one which has been identified as having relative scarcity and/or declining populations. Special status species include those formally listed as Threatened or Endangered, those proposed for formal listing, candidates for federal listing, and those classified as species of special concern or species of concern. Also included are those species considered to be “fully protected” by the California Department of Fish and Wildlife, those granted “special animal” status for tracking and monitoring purposes, and those plant species considered to be rare, threatened, or endangered in California by the California Native Plant Society (CNPS).

The sensitive plant species that may be found within Roseville are primarily associated with vernal pool environments and include: Boggs Lake hedge hyssop (*Gratiola heterosepala*), dwarf downingia (*Downingia humilis*) and vernal pool brodiaea (*Dichelostemma lacuna-vernalis*). Boggs Lake hedge-hyssop is state-listed as endangered and is listed as rare by the CNPS. Dwarf downingia and vernal pool brodiaea are both included on the CNPS “watch list” and are of sufficiently limited distribution to warrant continued monitoring. Vernal pools in the City may also contain federally-listed endangered vernal pool tadpole shrimp (*Lepidurus packardii*) and federally-listed threatened vernal pool fairy shrimp (*Branchinecta lynchi*).

Anadromous chinook salmon (*Oncorhynchus tshawytscha*) and Central Valley steelhead (*Oncorhynchus mykiss*) are known to be present seasonally in Dry Creek and its upper tributaries. Many anadromous fish species are listed not as a species, but as evolutionarily significant units (ESU), Distinct Population Segments (DPS) and/or based on the spawning run season. The California Central Valley steelhead DPS is listed by the U.S. Fish and Wildlife Service as a threatened species under the Endangered Species Act (ESA). Chinook salmon within the Central Valley Fall/Late Fall-Run are listed as a candidate species. Though not listed via the ESA, the Chinook salmon Central Valley fall/late-fall run ESU is a federal species of concern.

In addition to the federal or state classified rare or endangered wildlife species known to inhabit Roseville, favorable habitats for other listed species can be found in the area. Other special status species potentially present in Roseville include Cooper’s hawk, Swainson’s hawk, valley elderberry, longhorn beetle, Sanford’s arrowhead, and the western pond turtle. Bald eagles have been sighted near Folsom Lake, and the American peregrine falcon is found in the Sacramento Valley.

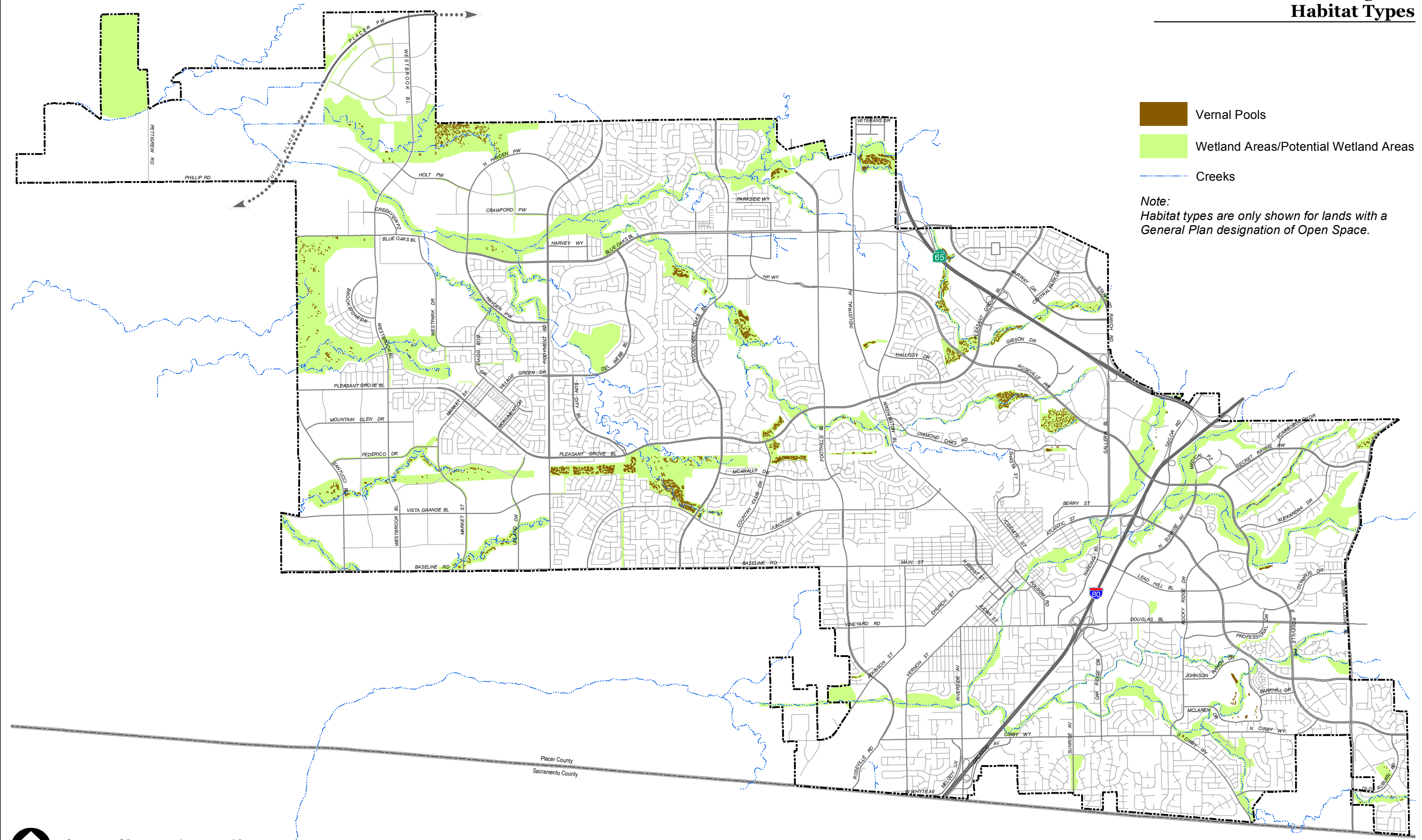
## **B. OUTLOOK**

The preservation and protection of habitats and wildlife is an important goal of the Roseville General Plan. In order to properly analyze potential impacts of planned development, resource field surveys will be required during the

development review process. The completed surveys, as well as the compilation of a comprehensive natural resource inventory for the City, will be used to evaluate individual projects.

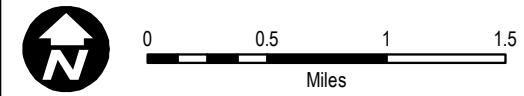
The potential loss of Roseville's natural areas from development pressures represents a threat to these sensitive habitats. The City will be challenged in balancing resource preservation with development needs. Woodland, riparian and wetland preservation efforts will focus on avoidance first, with compensation utilized when avoidance is not feasible. The goal of such efforts is to ensure a no-net loss of significant resources and, when necessary and appropriate, to pursue off-site resource preservation at locations proximate to the City so as to provide benefit to City residents. Preservation efforts will require close coordination with the California Department of Fish and Wildlife, California Regional Water Quality Control Board, U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service and Environmental Protection Agency and any on-going "landscape level" conservation planning efforts.

**Fig. V-2  
Habitat Types**



- Vernal Pools
- Wetland Areas/Potential Wetland Areas
- Creeks

*Note:  
Habitat types are only shown for lands with a  
General Plan designation of Open Space.*



Placer County  
Sacramento County

## TABLE V-2 COMMON PLANT AND WILDLIFE SPECIES FOUND IN THE ROSEVILLE AREA

### I. Grassland Environments

**Plant Species:** Wild oat, wild barley, bromes, tarweed, fescues, foxtail grass, clovers, popcorn flower, lupine brodiaea, owls clover, goldfield, and larkspur. Few trees are supported in these grassland habitats due to limited soils, lack of moisture, predominance of shallow hardpan, and past grazing activities.

**Wildlife Species:** Mammals such as the broad-footed mole, San Joaquin pocket mouse, Western harvest mouse, deer mouse, house mouse, California ground squirrel, pocket gopher, blacktailed jackrabbit, striped skunk, badger, and coyote; birds such as the ring-necked pheasant, common barn owl, burrowing owl, short-eared owl, rufous-crowned sparrow, lark sparrow, red-winged blackbird, and Western meadowlark; and, reptiles and amphibians including the common king snake, Western garter snake, Western rattlesnake, gopher snake, racer, Western toad, Western spade-foot toad, slender salamander, and Pacific tree frog.

### II. Oak Woodland and Riparian Environments

**Plant Species:** Oaks are the most visually dominant plant species found in the oak woodlands and riparian areas. A majority of the oaks are interior live, blue, or valley oaks. Other tree species found include digger pine, California buckeye, Fremont cottonwood, sycamore, willow, and black walnut. Understory species include buckbrush, coffeeberry, poison oak, yerba santa and blackberry.

**Wildlife Species:** Mammals such as the gray fox, coyote, opossum, California myotis, big brown bat, Western gray squirrel, brush mouse, and spotted and striped skunks; birds such as the red-tailed hawk, turkey, mourning dove, California quail, white crowned sparrow, Anna's hummingbird, scrub jay, mockingbird, turkey vulture, black-shouldered kite, barn owl, Northern pygmy owl, Western screech owl, acorn woodpecker, Nuttals woodpecker, downy woodpecker, Northern flicker, yellow-billed magpie, bushtit, plain titmouse, wren, Bewick's wren, white-breasted nuthatch, American robin, European starling, rufous-sided towhee, brown-headed cowbird, house finch, lesser goldfinch, and American goldfinch; reptiles and amphibians including the alligator lizard, gopher snake, common king snake, Western garter snake, ringneck snake, aquatic garter snake, Western rattlesnake, racer, slender salamander, arboreal salamander, Western toad, Western spade-foot toad, Pacific tree frog, and bull frog; and, fish including the Sacramento squawfish, bluegill, green sunfish, Sacramento perch, brown bullhead, mosquito fish, and minnows. Some of the watercourses in the City are intermittent, which limits fisheries, but there are seasonal occurrences of the various fish species listed above. Federally-listed Chinook Salmon and Central Valley Steelhead are found in both Linda and Dry Creeks, and Secret and Miners Ravines, and salmon fingerlings have been planted in Miners Ravine in the past by the California Department of Fish and Wildlife.

### III. SEASONAL WETLAND ENVIRONMENTS

**Plant Species:** Mesa mint, popcorn flower, navarretia, toad rush, goldfields, coyote thistle, and wolly marbles. Plant species of special concern include Bogg's Lake hyssop, dwarf downingia and vernal pool brodiaea.

**Wildlife Species:** Crustaceans and insects are the predominant invertebrates that occur in this habitat, including: federally endangered vernal pool tadpole shrimp, and federally threatened vernal pool fairy shrimp, water fleas, clam shrimp, seed shrimp, rotifers, dragonflies, water beetles, mosquitoes, mayflies, water bugs, water boatmen, water striders, and back swimmers. Several migratory bird species also utilize seasonal wetlands for varying periods of the year, including mallards, killdeer, greater yellowlegs, least sandpipers, common snipe, and great blue heron.

## C. GOALS AND POLICIES

**GOALS: VEGETATION AND WILDLIFE**

- Goal 1** Preserve, protect, and enhance a significant system of interconnected natural habitat areas, including creek and riparian corridors, oak woodlands, wetlands, and adjacent grassland areas.
- Goal 2** Maintain healthy and well-managed habitat areas in conjunction with one another, maximizing the potential for compatible open space, recreation, and visual experiences.
- Goal 3** Protect special-status species and other species that are sensitive to human activities.

**Policies: Vegetation and Wildlife**

***Implementation Measures***

- |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                      |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | <p>Incorporate existing trees into development projects, and where preservation is not feasible, continue to require mitigation for the loss of removed trees. Particular emphasis shall be placed on avoiding the removal of groupings or groves of trees.</p>                                                                                                                                                                                                                           | <p><i>Each of the following measures shall be utilized as applicable to implement all of the Goals and Policies of the Vegetation and Wildlife component:</i></p>                                                                                                                                    |
| 2. | <p>Preserve and rehabilitate continuous riparian corridors and adjacent habitat along the City's creeks and waterways.</p>                                                                                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>- Land Use Designation</li> <li>- Zoning Ordinance</li> <li>- Specific Plans</li> <li>- Development Review Process</li> <li>- Resource Inventory</li> <li>- Preservation Mechanisms</li> </ul>                                                                |
| 3. | <p>Require dedication of the City's Regulatory Floodplain, as defined in the Safety Element, or comparable mechanism to protect habitat and wildlife values in perpetuity.</p>                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>- Maintenance and Management Programs</li> <li>- Tree Preservation Ordinance</li> <li>- Floodway Preservation Ordinance</li> </ul>                                                                                                                            |
| 4. | <p>Require preservation of contiguous areas in excess of the City's Regulatory Floodplain, as defined in the Safety Element, as merited by special resources or circumstances. Special circumstances may include, but are not limited to, sensitive wildlife or vegetation, wetland habitat, oak woodland areas, grassland connections in association with other habitat areas, slope or topographical considerations, recreation opportunities, and maintenance access requirements.</p> | <ul style="list-style-type: none"> <li>- Wastewater Discharge</li> <li>- Grading Ordinance</li> <li>- Stormwater Ordinance</li> <li>- Wetland Mitigation Guidelines</li> <li>- Community Design Guidelines</li> <li>- Public Education Programs</li> <li>- Intergovernmental Coordination</li> </ul> |

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**5.** Limit recreation activities within the City's Regulatory Floodplain, as defined in the Safety Element, and require appropriate setback areas for trails and other public recreation uses so that natural resource areas are not adversely impacted.

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**6.** Provide for protection and enhancement of native fishery resources, including continued coordination with the California Department of Fish and Wildlife to release water into Linda Creek.

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**7.** Require cumulative mitigation plans for wetlands, where feasible, in association with specific plans.

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**8.** Consider substitute site mitigation for federally non-regulated wetlands, provided that such mitigation will provide comparable habitat values.

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**9.** Limit the access of pedestrians and cyclists to vernal pool and wetland areas so that access is compatible with long-term protection of these natural resource areas.


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**10.** Manage public lands with special-status species to encourage propagation of the species and discourage non-indigenous, invasive species.

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**11.** Habitat preservation and mitigation for woodlands, creeks, riparian and seasonal wetland areas should occur within the defined boundaries of the impacting projects where long-term resource viability is feasible and desirable consistent with applicable state and federal permits.

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 **12.** Consider the use of City property for habitat preservation and mitigation requirements resulting from development proposals when such efforts do not conflict with existing resources, recreational opportunities, or other City goals, policies, or programs.

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**13.** Work with adjacent jurisdictions, regulatory agencies, and community organizations to explore opportunities for regional mitigation banking.

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## **D. IMPLEMENTATION MEASURES**

Each of the following measures shall be utilized, as applicable, to implement all of the goals and policies of the Vegetation and Wildlife Component:

### **1. Land Use Designation**

*(Existing)*

Designate all areas identified for open space use and/or preservation with the appropriate open space land use designation as defined in the Land Use Element.

### **2. Zoning Ordinance**

*(Existing)*

Continue to implement the Zoning Ordinance that includes open space land use and development regulations consistent with the goals and policies of the Open Space and Land Use Elements. Modification may include establishment of a zoning designation applicable to sensitive resource areas.

### **3. Specific Plans**

*(Ongoing)*

Ensure that new or revised specific plans are consistent with the goals and policies of the General Plan. The specific plans shall identify and designate open space resources that may include grasslands, woodlands, wetlands, riparian areas, floodplains, recreation areas, and other open space and habitat resources. This will also include areas of scenic or educational value.

Particular attention shall be given to comprehensive resource conservation efforts for the entire plan area. Specific plans shall create open space systems that ensure the preservation of designated open space and habitat resources, create corridors between the resources, link various specific plan land uses and services, link the plan area with the remainder of the City, and accommodate regional open space, compatible flood control facilities, and trail systems. Corridors shall be designed to consider the convenient movement of public path users and wildlife with minimal conflicts from roadways and other urban features. Specific plans shall describe methods of preservation, long-term

maintenance and provisions for management. Development agreements may be utilized to ensure preservation, maintenance and management techniques, including potential alternative ownership and management approaches involving non-profit land trust or conservancy organizations.

### **4. Development Review Process**

*(Ongoing)*

Refer any development proposal that has a direct or indirect impact on designated open space, significant habitat, preserve or drainage areas to the Development and Operations, Parks and Recreation and Public Works Departments, as applicable, for comment. In addition, where development proposals have a potential impact on resources identified as being within the regulatory jurisdiction of outside agencies, including the California Department of Fish and Wildlife, California Regional Water Quality Control Board, U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, U.S. Environmental Protection Agency, and National Oceanic and Atmospheric Administration, refer such projects to the appropriate agencies. Consider the comments of the departments and agencies in the development review process.

The environmental review for projects shall include an inventory of the quantity and quality of resources, assessment of potential project impacts, identification of preservation techniques, and other mitigation and monitoring measures. Parcels shall not be created for urban purposes when significant natural resources would make such parcels undevelopable unless City-approved mitigation programs are incorporated.

In addition to open space preservation, explore development alternatives and standards to minimize impacts on open space areas. Such techniques may include grading standards, limitation of development intensity, and cluster development. Development design should maximize the total open space frontage visually accessible to public view. Where appropriate, encourage native plants and landscaping that provides wildlife habitat. Address project linkages to local and regional open space networks through project review. Where appropriate, utilize development agreements to ensure open space preservation, maintenance and management techniques.

## **5. Resource Inventory**

*(Ongoing)*

In conjunction with environmental review per CEQA, require that resource field surveys be submitted concurrent with development applications inventorying the type, quantity, and quality of existing open space resources and conditions. This requirement may be waived if determined by the City that the proposed project area is already sufficiently surveyed, is within an adopted specific plan area, or contains resources considered less than significant. The completed surveys will be used to evaluate individual projects as well as to compile a comprehensive natural resource inventory for the City.

## **6. Preservation Mechanisms**

*(Ongoing)*

Explore and utilize a variety of mechanisms to promote and insure the preservation of designated open space resources. Such mechanisms may include, but are not limited to, dedication, fee-title purchase, donations, transfer or purchase of development rights, and credits against park dedication requirements. If it is determined by the City that an open space resource is not desired for public ownership, the City may designate the preservation of such resource in private ownership. A decision not to seek public ownership may occur when the resource is not desired for public access and where public management and maintenance could not be efficiently accommodated. In such cases, the permanent preservation of the resource shall be ensured through land use and zoning, recorded map, deed restriction, conservation easement, or other City-approved mechanism.

Where feasible and desirable, the acquisition and preservation of open space resources may be facilitated by working with non-profit land trusts and conservation organizations.

## **7. Operation and Management Plans**

*(Ongoing)*

Accompany the designation of any area as open space with a program to ensure the long-term maintenance and management of the area. The program shall address restrictions regarding grading and drainage from adjacent land uses, permitted and prohibited uses and activities, the

frequency and type of maintenance needed, management and monitoring provisions to ensure the continued viability of the resource and designated costs and funding sources. When open space preserves are established as the result of permits issued by federal or state agencies, the maintenance and management programs shall be consistent with applicable permitting requirements and related Operation and Management Plans. Endowment funds or maintenance districts shall be established to ensure sufficient funding for maintenance and any required monitoring and reporting. Funding should consider law enforcement costs to ensure protection of natural values, improvements, public use, and adjacent properties. New Preserve areas established by federal permit should be considered for appending to the City's Open Space Preserve Overarching Management Plan to ensure consistent City-side Preserve area management practices.

## **8. Tree Preservation Regulations**

*(Existing)*

Enforce and regularly evaluate the Tree Preservation regulations contained in the Zoning Ordinance. These regulations provide standards for the removal, preservation, and mitigation of native oak trees. Emphasis is placed on avoidance first, mitigation second. Where mitigation is not feasible on-site, tree preservation and mitigation efforts should be considered in locations that enhance or expand existing resource areas.

## **9. Flood Damage Prevention Ordinance**

*(Existing)*

Enforce and regularly evaluate the Flood Damage Prevention Ordinance. This ordinance regulates the preservation of the regulatory floodplain, as defined in the Safety Element, to protect habitat and wildlife values in perpetuity. Areas outside but adjacent to the regulatory floodplain may be designated for dedication or preservation if special circumstances or resources exist. These may include, but are not limited to, sensitive wildlife or vegetation, wetland habitat, oak woodland areas, grasslands in association with other habitat areas, slope or topographical considerations, recreation opportunities, and maintenance access requirements.

## 10. Wastewater Discharge

*(Existing)*

Continue to regulate the discharge of treated wastewater into Dry and Pleasant Grove Creeks in accordance with Regional Water Quality Control Board and National Pollutant Discharge Elimination System (NPDES) standards. These standards are intended to eliminate water quality impacts to fisheries and other aquatic resources.

## 11. Grading Ordinance

*(Existing)*

Enforce and regularly evaluate the Grading Ordinance. The Grading Ordinance includes specific standards for project construction and erosion control. Enforcement helps to reduce sedimentation within the creek systems that can impact aquatic resources. The ordinance requires prompt re-vegetation of disturbed areas, avoidance of grading activities during wet weather, and avoidance of disturbance within drainageways as well as other erosion and sedimentation control measures.

## 12. Stormwater Ordinance

*(Existing)*

Through the Environmental Utilities Department, apply the Urban Stormwater Quality Management and Discharge Control Ordinance to implement measures to improve the short-term and long-term quality of stormwater run-off. The Stormwater Ordinance identifies cost-effective urban run-off controls, including Best Management Practices, to limit urban run-off pollutants into the waterway systems and is consistent with EPA Stormwater Management regulations and National Pollutant Discharge Elimination System (NPDES) Phase 2 requirements.

## 13. Wetland Mitigation Guidelines

*(Proposed)*

In conjunction with required environmental review per CEQA, regulate the preservation, mitigation, monitoring and maintenance of wetland areas in coordination with the California Department of Fish and Wildlife, U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, and U.S. Environmental Protection Agency. For federally non-regulated wetlands, the City may require compensation or mitigation based on the value of

the resource and reserves the right to consider not-in-kind compensation.

Wetland preservation, mitigation, monitoring and maintenance efforts in Roseville shall, where feasible, comply with the following principles:

- Avoidance of resources as a first priority, with compensation or mitigation implemented when avoidance is determined not to be feasible or desirable;
- No net loss of wetland acreage, values or function, or habitat of comparable value is provided;
- Comprehensive rather than incremental preservation, compensation or mitigation programs;
- Preservation, compensation or mitigation efforts focused on enhancing and expanding existing resource areas rather than creating isolated resource pockets;
- Preserves, compensation or mitigation areas created that are large enough to be self-sustaining and ensure the long-term preservation of wetland resources and required watersheds, provide an adequate buffer, and have a sufficient number of wetlands to support adequate species populations and range;
- Preserves and compensation or mitigation areas selected on their representativeness, habitat quality, watershed integrity, defensibility, buffer, size, plant species, variety, and presence of special status species.

When avoidance is determined not to be feasible or desirable, compensation or mitigation shall occur based on the following priorities as may be modified by applicable state or federal permit conditions:

1. On-site within the identified project or specific plan area when long-term resource viability is feasible.
2. Off-site, but within the City of Roseville, when on-site compensation or mitigation is determined not to be feasible or desirable.

3. Off-site outside the City only when the above two options are determined not to be feasible or desirable. Compensation or mitigation efforts outside the City should be in close proximity and accessible to Roseville residents and should be coordinated with regional preservation and banking efforts. Proposals to provide wetland compensation or mitigation outside the City shall be accompanied by documentation indicating how the compensation or mitigation proposal benefits the resource and the City and how the loss of open space resources in the City will be mitigated.

All wetland preserve, compensation or mitigation areas shall be designated as permanent open space and maintained as specified in implementation measures 6 and 7 of this component. City property may be utilized for preservation or mitigation if such efforts do not conflict with existing resources, recreational opportunities or other City goals, policies and programs. Pedestrian and cyclist access to preservation and compensation or mitigation areas shall be well-defined and limited to minimize impacts upon the resources. Areas identified as having special status species shall be monitored and managed to encourage the continued viability of the species and discourage non-indigenous invasive species consistent with the City of Roseville Open Space Preserve Overarching Management Plan.

#### **14. Community Design Guidelines**

*(Existing)*

Enforce and regularly evaluate the Community Design Guidelines as specified in the Land Use Element. These guidelines contain standards to promote the integration of the natural and built environments, including City entryways.

#### **15. Public Education Programs**

*(Ongoing)*

The City will participate in public programs emphasizing awareness of open space and resource conservation issues. When feasible, such programs should be coordinated with the local school districts and community groups. Efforts will be made to reach all households and provide accessibility through the timing and location of these programs.

#### **16. Intergovernmental Coordination**

*(Ongoing)*

Pursue a regional approach to habitat preservation. This effort includes working with adjacent jurisdictions, the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, U.S. Environmental Protection Agency, California Department of Fish and Wildlife, National Oceanic and Atmospheric Administration, and community organizations to develop a programmatic permitting and mitigation process, and explore opportunities for habitat preservation, restoration and enhancement. .

# GROUNDWATER RECHARGE AND WATER QUALITY

## A. SETTING

The focus of this component is the preservation and protection of the City's groundwater and surface water quality. Domestic water supply and water conservation are addressed in the Water System and the Water and Energy Conservation components of the Public Facilities Element.

Roseville is located within two drainage basins. Pleasant Grove Creek and its tributaries drain most of the western and central areas of the City north of Baseline Road and the Diamond Oaks Golf Course. Dry Creek and its tributaries drain the remainder of the City from Rocklin to the north, Loomis Basin to the east, Sacramento County to the south, and Placer County to the west. The Dry Creek system has year-round flows in its major water courses, while the Pleasant Grove system is intermittent in nature with only seasonal flows at locations east of the Pleasant Grove Wastewater Treatment Plant and year-round flows west of the plant. The primary stream systems and drainage basins in the City are reflected in Figure V-3.

Most major stream areas within Roseville are protected by City policy that requires dedication and prohibits development of the City's Regulatory Floodplain area. Exceptions exist mainly within the infill areas where some private ownership of floodplain exists and the historic encroachment of development has occurred. Many of the streams in Roseville are found in their natural state; limited sections of others have been channelized.

Urbanization has a substantial impact on water quality both short and long-term. Development results in an increase in impervious surfaces such as roofs, streets, sidewalks, and storm drains. These combine to decrease infiltration opportunities and (depending upon soil type) may increase the volume and rate of run-off. Increased run-off velocity adds to the potential for channel erosion resulting in increased sediment into the watercourses. In addition, sediment deposited in streams from construction-related activities results in degradation of spawning, rearing, and food producing habitat. Removal of

riparian vegetation can have significant impacts by increasing stream temperature and reducing the input of biologic materials into the streams.

Long-term impacts to water quality may occur as a result of run-off from urbanization that enters the watercourses. Reduction in permeable surface areas limits the percolation and associated filtration processes beneficial to water quality. Urban run-off from surfaces such as streets, parking lots, driveways, and landscaped areas typically includes oil, grease, heavy metals, pesticides, herbicides, fertilizers and sediments. Increases in urban run-off have been shown to impact, among other things, aquatic habitat.

Urbanization can also impact groundwater recharge and quality. Roseville, as well as a majority of the Sacramento and South Placer area, is located over the north central portion of California's Central Valley groundwater basin. This aquifer is an extensive system of different groundwater basins extending from Red Bluff to Bakersfield.

Increased incidence of droughts has been identified as a potential effect of Climate Change, further necessitating proactive policies and programs such as Roseville's Stormwater Ordinance and Aquifer Storage and Recovery Program. City policies addressing these effects are identified where applicable.

Groundwater supplies are naturally recharged by rainwater that reaches the subsurface saturated zone of the soil. The rate and quantity of water reaching the saturation zone depends on factors that include the amount and duration of precipitation, soil type, moisture content of the soil, and vertical permeability of the unsaturated zone. The Roseville area is composed of several soil types with three main geologic formations. Water permeability varies with each of the formation types. In general, the primary locations for potential groundwater recharge are along the City's major watercourses.

Increased impervious surfaces associated with urbanization, particularly in areas of high recharge potential, impact percolation opportunities. This, combined with pumping for

agricultural and urban uses, can impact groundwater levels. In addition, pollutants found in urban run-off can leach into aquifers impacting groundwater quality.

Monitoring and protection of groundwater resources is important to the maintenance of adequate groundwater supplies and quality. Streambeds and other areas where recharge potential is high should be explored for preservation to ensure groundwater levels. Maintaining high water quality within the creek systems will also help to keep contaminants out of the aquifer.

## **B. OUTLOOK**

For the most part, measurements of water quality within the Roseville area indicate no major sources of pollution are present. However, some concern has been expressed about groundwater quality in portions of the City. Two wells, neither of which are connected to the City's domestic water system, have shown signs of contaminants. Because Roseville does not rely on groundwater as a primary domestic water source, this has not been a major issue in the past. As development increases, concerns about surface water quality and groundwater supply and quality are likely to increase.

The City has and will continue to comply with Environmental Protection Agency stormwater management regulations as enforced by the State Water Resources Control Board and the Regional Water Quality Control Board. These regulations include requirements for National Pollutant Discharge Elimination System (NPDES) Phase II permits. Roseville promotes the use of cost-effective urban run-off controls, including Best Management Practices, to reduce pollutants from entering the waterways. These practices include the use of oil and sand separators, grassy swales, detention ponds, vegetative buffers, and other source control, housekeeping, and treatment measures.

Plans to protect the City's water resources and water quality include the development of standards for urban run-off, monitoring of groundwater, and protection of waterways and recharge areas.

## C. GOALS AND POLICIES

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**GOALS:      GROUNDWATER RECHARGE AND WATER QUALITY**

**Goal 1**      Continue to improve surface water quality and accommodate water flow increases.

**Goal 2**      Enhance the quantity and quality of groundwater resources.

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<b>Policies:</b>	<b>Groundwater Recharge and Water Quality</b>	<b>Implementation Measures</b>
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1.	Utilize cost-effective urban run-off controls, including Best Management Practices, to limit urban pollutants from entering the watercourses.	<ul style="list-style-type: none"> <li>- Stormwater Ordinance</li> <li>- Development Review Process</li> <li>- Specific Plans</li> </ul>
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2.	Implement erosion control and topsoil conservation measures to limit sediments within watercourses.	<ul style="list-style-type: none"> <li>- Development Review Process</li> <li>- Specific Plans</li> <li>- Flood Damage Prevention Ordinance</li> <li>- Grading Ordinance</li> </ul>
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 3.	Ensure a buffer area between waterways and urban development to protect water quality and riparian areas.	<ul style="list-style-type: none"> <li>- Development Review Process</li> <li>- Specific Plans</li> <li>- Flood Damage Prevention Ordinance</li> </ul>
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4.	Continue to monitor and participate in, as appropriate, regional activities affecting water resources, groundwater, and water quality.	<ul style="list-style-type: none"> <li>- Interagency Coordination</li> <li>- Aquifer Storage and Recovery</li> </ul>
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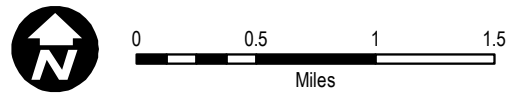
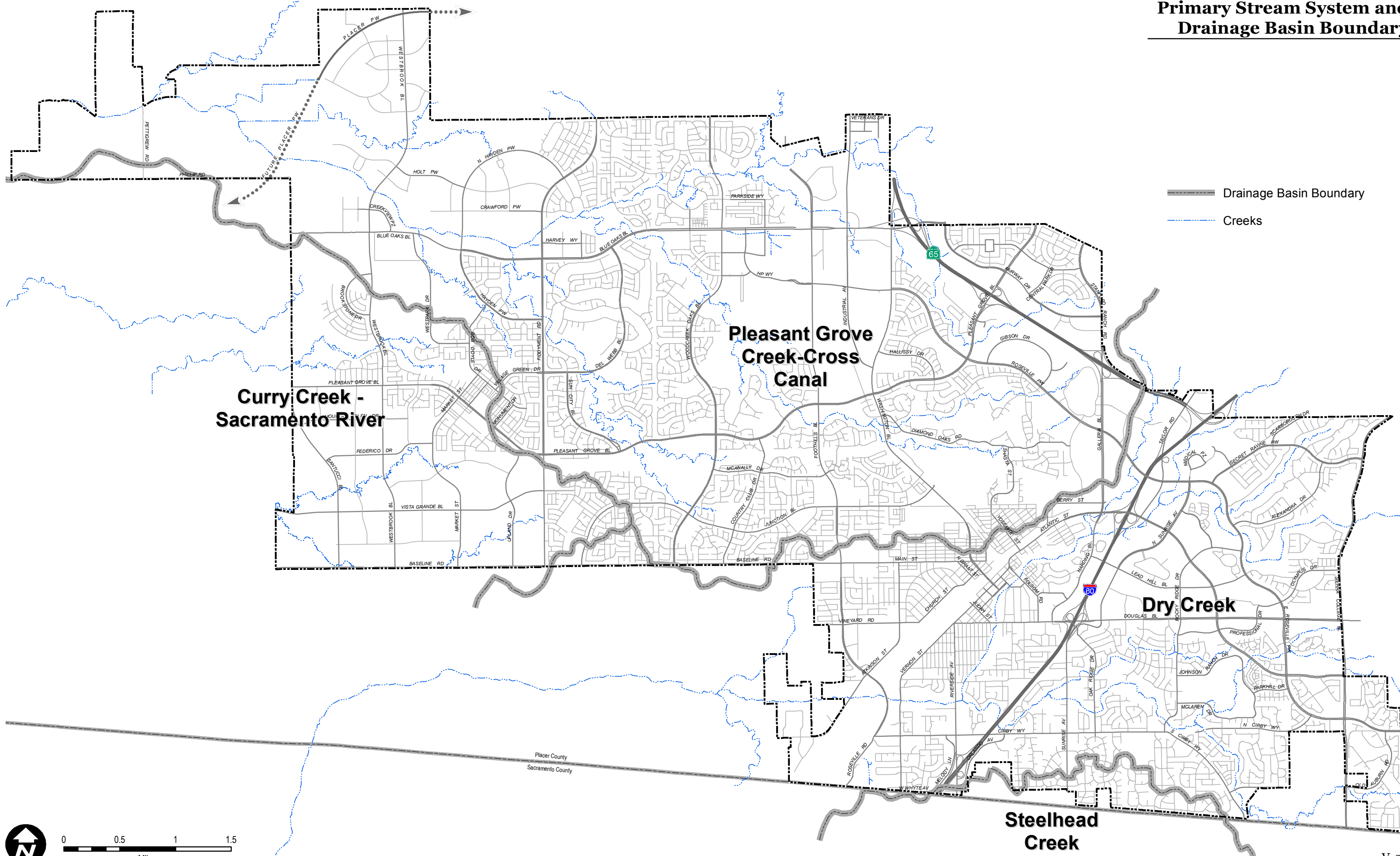
 5.	Continue to monitor groundwater resources and investigate strategies for enhanced sustainable use. Areas where recharge potential is determined to be high shall be considered for designation as open space.	<ul style="list-style-type: none"> <li>- Development Review Process</li> <li>- Specific Plans</li> <li>- Water Well Monitoring</li> <li>- Land Use Designation</li> <li>- Zoning Ordinance</li> <li>- Preservation Techniques</li> <li>- Aquifer Storage and Recovery</li> </ul>
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 6.	Where feasible, locate stormwater retention ponds in areas where subsoil is suitable for groundwater recharge.	<ul style="list-style-type: none"> <li>- Development Review Process</li> <li>- Specific Plans</li> <li>- Flood Control</li> </ul>
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**Fig. V-3  
Primary Stream System and  
Drainage Basin Boundary**



## **D. IMPLEMENTATION MEASURES**

### **1. Stormwater Ordinance**

*(Existing)*

Through the Environmental Utilities Department, apply the urban Stormwater Quality Management and Discharge Control to improve the short-term and long-term quality of stormwater run-off. The Stormwater ordinance includes identification of cost-effective urban run-off controls, including Best Management Practices, to limit urban run-off pollutants into the waterway systems and is consistent with EPA Stormwater Management regulations and National Pollutant Discharge Elimination System (NPDES) Phase 2 requirements. *(Policy 1)*

### **2. Development Review Process**

*(Ongoing)*

Refer any development proposal that has a direct or indirect impact on water quality or groundwater recharge and quality to the Development & Operations and Environmental Utilities Departments, as applicable, for comment. In addition, where development proposals have a potential impact on resources identified as being within the jurisdiction of outside agencies, including the California Department of Fish and Wildlife, California Regional Water Quality Control Board, U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, U.S. Environmental Protection Agency, and National Oceanic and Atmospheric Administration, refer such projects to the appropriate agencies. Consider the comments of the departments and agencies in the development review process.

The environmental review for projects shall include an inventory of the quantity and quality of water resources, assessment of potential project impacts, and identification of mitigation and monitoring measures. The issues of urban run-off controls, erosion control, recharge area preservation, and buffer areas shall be addressed. In addition, the handling and storage of toxic chemicals shall be examined to minimize the risk of discharge into storm drains, watercourses, or groundwater. *(Policies 1, 2, 3, 5 and 6)*

### **3. Specific Plans**

*(Ongoing)*

Ensure that new and revised specific plans are consistent with the goals and policies of the General Plan. The specific plans shall identify and designate open space resources including grasslands, woodlands, wetlands, riparian areas, floodways, recreation areas and other open space, buffer, and habitat resources. The environmental analysis for each specific plan shall address water quality programs, recharge area preservation, and erosion control and urban run-off management. In addition, specific plans shall include guidelines that address development along waterways. Guidelines should consider access, security, and separation from urban development. Development agreements will be utilized to ensure preservation, maintenance and management techniques. *(Policies 1, 2, 3, 5 and 6)*

### **4. Grading Ordinance**

*(Existing)*

Enforce and regularly evaluate the Grading Ordinance. The Grading Ordinance includes specific standards for project construction and erosion control. Enforcement helps to reduce sedimentation within the creek systems that can impact aquatic resources. The ordinance requires prompt re-vegetation of disturbed areas, avoidance of grading activities during wet weather, avoidance of disturbance within drainageways as well as other erosion and sedimentation control measures. *(Policy 2)*

### **5. Flood Damage Prevention Ordinance**

*(Existing)*

Enforce and regularly evaluate the Flood Damage Prevention Ordinance. This ordinance regulates the preservation of the Regulated flood plain as defined in the Safety Element to protect habitat and wildlife values in perpetuity. Areas outside but adjacent to the regulatory floodway may be designated for dedication or preservation if special circumstances or resources exist. These may include, but are not limited, to sensitive wildlife or vegetation, wetland habitat, oak woodland areas, grasslands in association with other habitat areas, slope or topographical considerations, recreation opportunities, and maintenance access requirements. *(Policy 3)*

### **6. Interagency Coordination**

*(Ongoing)*

Continue to coordinate City water quality, groundwater and water resource efforts with the appropriate local, state, and federal agencies. *(Policy 4)*

## **7. Water Well Monitoring**

*(Ongoing)*

Through the Environmental Utilities Department, continue to monitor the City's wells for water quality and quantity. *(Policy 5)*

## **8. Land Use Designation**

*(Existing)*

Designate all areas identified for open space use and/or preservation with the appropriate open space land use designation as defined in the Land Use Element. Open space land use shall be applied to primary watercourses and may be considered for significant recharge areas. *(Policy 5)*

## **9. Zoning Ordinance**

*(Existing)*

Continue to implement and enforce the Zoning Ordinance's open space district and development regulations for consistency with the goals and policies of the Open Space and Land Use Elements. *(Policy 5)*

## **10. Preservation Mechanisms**

*(Ongoing)*

Explore and utilize a variety of mechanisms to promote and ensure the preservation of designated open space resources. Such mechanisms may include, but are not limited to, dedication, fee-title purchase, donations, transfer or purchase of development rights, and credits against park dedication requirements. If it is determined by the City that an open space resource is not desired for public ownership, the City may designate the preservations of such resource in private ownership. A decision not to seek public ownership may occur when the resource is not desired for public access and where public management and maintenance could not be efficiently accommodated. In such cases, the permanent preservation of the resource shall be ensured through land use and zoning, recorded map, deed restriction,

conservation easement, or other City-approved mechanism.

Where feasible, and desirable, the acquisition and preservation of open space resources may be facilitated by working with non-profit land trusts and conservation organizations. *(Policy 5)*

## **11. Flood Control**

*(Component Instituted by the General Plan)*

Regulate flood control, detention and retention efforts in accordance with the goals, policies and implementation measures of the Flood Control Component of the Safety Element. *(Policy 6)*

## **12. Aquifer Storage and Recovery**

*(Existing)*

Through the Environmental Utilities Department, implement the City's Aquifer Storage and Recovery (ASR) program. The ASR Program allows the City to maximize sustained use of the groundwater basin in conjunction with surface water supplies, while providing a strong backup water supply during critically dry years consistent with the City's commitments contained in the Water Forum Agreement.

# ARCHAEOLOGICAL, HISTORICAL AND CULTURAL RESOURCES

## A. SETTING

Prior to exploration by Spanish explorers and American trappers, the Roseville region was inhabited by the Valley Nisenan. The term Nisenan ("of us" or "from our side") is applied to the Southern Maidu Indians who made their home along drainages of the American, Yuba, and Bear Rivers and the lower reaches of the Feather River. The Nisenan were hunters and gatherers, relying on acorns, seeds, roots, fish, deer, elk, rabbits, and small game for sustenance. Two principal types of habitation sites existed: permanent settlements often located on low rises near the larger streams; and, seasonal encampments (utilized for food gathering) along the smaller drainages.

Two large permanent Nisenan sites have been identified within the City. These sites are located within Maidu Regional Park. In addition, numerous smaller archaeological sites have been identified throughout Roseville. Many of the sites contain shallow midden deposits and bedrock mortar milling stations.

Outside exploration of the region was first recorded in the early 1800's. This included explorations conducted by Gabriel Moraga between 1806 and 1808 and fur trapping expeditions led by Jed Smith in 1827 and 1828.

The discovery of gold in 1848 brought over 10,000 people to Placer County, with Roseville being established as a railroad town and a local commerce center. Building materials, mining equipment, livestock staples, and other major commodities were delivered to the region by railroad. Roseville prospered as a principal rail head that provided the frontier towns with goods and services. By 1854 agricultural and ranching pursuits (fruit, grain and beef stock) had begun in the area.

Traces of Roseville's ranching and mining past are still evident today. Holdings of the Spring Valley Ranch were enclosed by rock walls built by Chinese laborers. Several of these walls can still be found in the City. In addition, numerous historic features, including ditches, pits, small

mounds, and low terraces exhibit evidence of historic mining operations along several of the City's creeks.

An inventory of significant historic sites has been prepared by the Roseville Historical Society. Two local sites, the Haman House and the Maidu Indian sites, are listed on the *National Register of Historic Places*. These and other sites of historic interest are identified on Figure V-4. Smaller archaeological finds exist that have not been listed on Figure V-4 to protect these sites from vandalism and unauthorized excavation. A majority of these sites are located in areas designated with open space land use.

## B. OUTLOOK

The City has opened the Maidu Interpretive Center in Maidu Park. This center incorporates the significant archaeological resources found in the area and provides interpretive information for residents.

Other planning efforts, including the Downtown and Riverside Gateway Specific Plans, which identify priorities and policies for areas of historical significance. Additionally, the Roseville Historical Society is participating in a countywide inventory of historic sites.

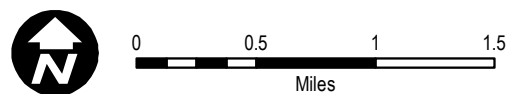
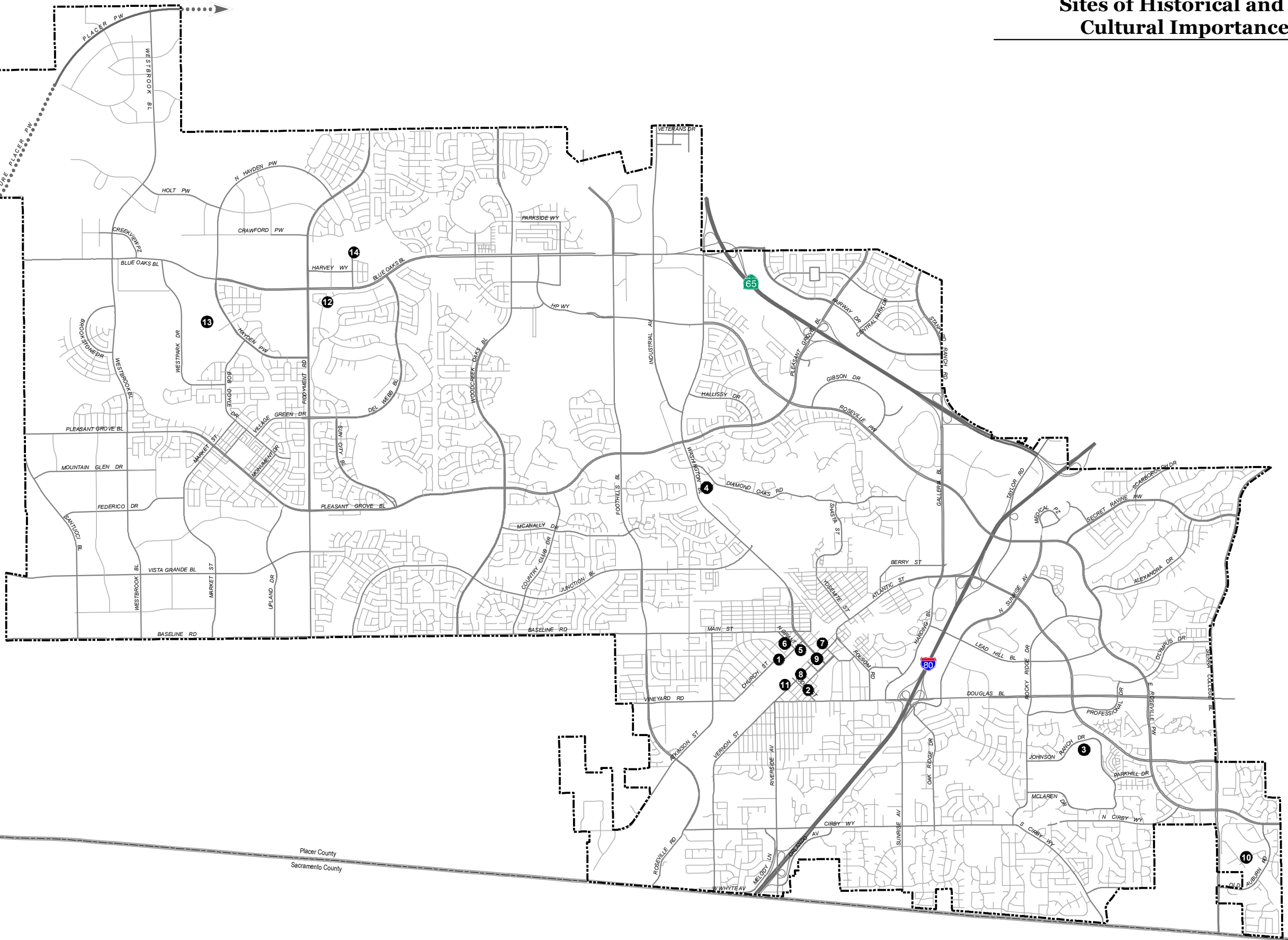
The City has included Historic District regulations within the Downtown Specific Plan. These regulations are applied to Roseville's original commercial core generally east of Washington Boulevard and north and west of the Union Pacific Railroad tracks. These regulations include use, architectural and signage criteria for existing and new development to ensure the rehabilitation, revitalization, and preservation of the area.

State government participates in the protection and preservation of cultural resources through the State Office of Historic Preservation (SHPO) and the California Native American Heritage Commission. Both agencies comment on environmental documents and development proposals that may impact cultural sites or

artifacts. The City will continue to coordinate the preservation of historic and archaeological resources with these agencies.

**Fig. V-4  
Sites of Historical and  
Cultural Importance**

- ❶ First Continental Railroad Marker
- ❷ Haman House
- ❸ Maidu Indian Sites
- ❹ Kaseberg House
- ❺ Odd Fellow Hall
- ❻ First Methodist Episcopal Church
- ❼ McRae Building
- ❽ Bank of Italy Building
- ❾ Carnegie Library
- ❿ Barn Park
- ⓫ Vernon Street School Site
- ⓬ School House Park
- ⓭ Fiddymont Homestead
- ⓮ Pistachio Orchard



## C. GOALS AND POLICIES

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**GOALS:          ARCHAEOLOGICAL, HISTORIC AND CULTURAL RESOURCES**

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**Goal 1**               **Strengthen Roseville's unique identify through the protection of its archaeological, historic and cultural resources.**

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<b>Policies:</b>	<b>Archaeological, Historic and Cultural Resources</b>	<b><i>Implementation Measures</i></b>
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1.	When items of historical, cultural or archaeological significance are discovered within the City, a qualified archaeologist or historian shall be called to evaluate the find and to recommend proper action.	<ul style="list-style-type: none"> <li>- <i>Development Review Process</i></li> <li>- <i>Specific Plans</i></li> </ul>
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2.	When feasible, incorporate significant archaeological sites into open space areas.	<ul style="list-style-type: none"> <li>- <i>Development Review Process</i></li> <li>- <i>Specific Plans</i></li> <li>- <i>Land Use Designation</i></li> <li>- <i>Zoning Ordinance</i></li> </ul>
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3.	Subject to approval by the appropriate federal, state, local agencies, and Native American Most Likely Descendant (MLD), artifacts that are discovered and subsequently determined to be "removable" should be offered for dedication to the Maidu Interpretive Center.	<ul style="list-style-type: none"> <li>- <i>Development Review Process</i></li> </ul>
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4.	Preserve and enhance Roseville's historic qualities through the implementation of the Downtown and Riverside Gateway Specific Plans.	<ul style="list-style-type: none"> <li>- <i>Zoning Ordinance</i></li> <li>- <i>Downtown and Riverside Gateway Specific Plans</i></li> </ul>
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5.	Establish standards for the designation, improvement and protection of buildings, landmarks, and sites of cultural and historic character.	<ul style="list-style-type: none"> <li>- <i>Zoning Ordinance</i></li> <li>- <i>Downtown and Riverside Gateway Specific Plans</i></li> </ul>
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6.	Participate in the completion of a countywide inventory of historical sites.	<ul style="list-style-type: none"> <li>- <i>Interagency Cooperation</i></li> </ul>
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<b>7.</b>	<b>E</b> ncourage public activities, including the placement of monuments or plaques, that recognize and celebrate historic sites, structures, and events.	<i>- Community Organizations</i>
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<b>8.</b>	<b>E</b> xplore funding for cultural, archaeological and historic programs and activities.	<i>- Interagency Cooperation</i> <i>- Community Organizations</i> <i>- Parks and Recreation</i> <i>Comprehensive Master Plan</i>
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<b>9.</b>	<b>P</b> rovide opportunities to public awareness and education through coordination with the Historical Society and local schools.	<i>- Interagency Cooperation</i>
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## **D. IMPLEMENTATION MEASURES**

### **1. Development Review Process**

*(Ongoing)*

Refer any development proposal that may have an impact on archaeological, historic or cultural resources to the appropriate federal, state or local agency for comment, including the State Office of Historic Preservation and the Native American Heritage Commission. Consider the comments of the agencies in the development review process.

In association with environmental review per CEQA, the City shall require that an archaeological survey be prepared by a qualified archaeologist for projects for which it is determined that there is a reasonable probability that archaeological or historic resources exist. If such resources are identified, a plan for their disposition shall be prepared. This may include designation as open space, excavation, capping, or donation to the Maidu Interpretive Center.

If archaeological or historic resources are discovered during project development, halt construction activity in the vicinity of the resource, contact a qualified archaeologist for determination of resource significance, and notify the State Office of Historic Preservation. Monitor projects during construction to ensure crews follow proper reporting, safeguards, and procedures.

Information identifying specific locations of archaeological and historic sites shall be kept confidential to prevent illegal removal or vandalism of artifacts. *(Policies 1, 2 and 3)*

### **2. Specific Plans**

*(Ongoing)*

Ensure that new or revised specific plans are consistent with the goals and policies of the General Plan. The specific plans shall incorporate a comprehensive inventory, analysis, and mitigation plan for archaeological and historic resources. Where feasible, significant archaeological resources shall be incorporated into park or other open space areas. All significant archaeological sites located in parks and other open space areas should be protected and left in an undisturbed state. Development

agreements should be utilized to ensure preservation, maintenance, and management techniques. *(Policies 1 and 2)*

### **3. Land Use Designation**

*(Existing)*

Designate all areas identified for open space use with the appropriate open space land use designation as defined in the Land Use Element. This will, where feasible, include areas identified as having significant archaeological resources. *(Policy 2)*

### **4. Zoning Ordinance**

*(Existing)*

Continue to implement the Zoning Ordinance's open space land use and development regulations for consistency with the goals and policies of the open space and land use elements. *(Policies 2, 4 and 5)*

### **5. Downtown and Riverside Gateway Specific Plans**

*(Existing)*

Continue to implement the Downtown and Riverside Gateway Specific Plans. These specific plans identify significant historic structures, provisions to preserve and/or enhance existing buildings, and guidelines for compatibility of new and existing development. Coordinate these specific plans with revitalization and development efforts to promote the preservation and enhancement of the areas. *(Policies 4 and 5)*

### **6. Interagency Cooperation**

*(Ongoing)*

Cooperate with other state, federal and local agencies in the identification and preservation of archaeological and historic resources. This will include working with Placer County and the Roseville Historical Society on the inventory of historic sites. *(Policies 6, 8 and 9)*

### **7. Community Organizations**

*(Ongoing)*

Continue to encourage, support and cooperate with various community organizations, including the Roseville Historical Society, in recognizing

significant places and events in Roseville's past.  
(*Policies 7 and 8*)

## **8. Parks and Recreation Needs Assessment** (*Existing*)

The Parks and Recreation Needs Assessment was completed in 2013.

The Parks and Recreation Needs Assessment should be updated a minimum of every three years and/or with any significant modification to the city's land use allocation. The Plan will be used to ensure continual review and updating of recreation facility standards and/or trends/gaps in recreational amenities. Periodic survey of City-administered recreation programs should also be conducted by the Parks, Recreation & Libraries Department in order to evaluate the content and popularity of programs being offered. (*Policies 4, 7, 10 and 11*)