

***Current General Plan Policies That Support GHG Reduction And/Or Sustainability***

Land Use Element

The land use element contains policies that promote land use patterns intended to make efficient use of land, preserve open space, and enable and encourage travel modes other than the car. Greenhouse gas emissions would be reduced concurrently with reduced vehicles miles traveled.

*Community Form Policies*

- Promote land use patterns that result in the efficient use of urban lands and preservation of open space as specified in the Open Space and Conservation Element
- Promote land use patterns that support a variety of transportation modes and accommodate pedestrian mobility.
- Allow for land use patterns and mixed use development that integrate residential and non-residential land uses, such that residents may easily walk or bike to shopping, services, employment and leisure activities.
- Concentrate higher intensity uses and appropriate support uses within close proximity of transit and bikeway corridors as identified in the Bicycle Master Plan. In addition, some component of public use such as parks, plazas, public buildings, community centers and/or libraries should be located within the corridors.
- Promote and encourage the location of employee services such as childcare, restaurants, banking facilities, convenience markets, etc., within major employment centers for the purpose of reducing midday service-related vehicle trips.
- Where feasible, improve existing development areas to create better pedestrian and transit accessibility.
- Through City land use planning and development approvals, require that neighborhood serving uses (e.g. neighborhood commercial uses, day care, parks, schools, and other community facilities) be physically linked with adjacent residential neighborhoods.
- Encourage infill development and rehabilitation that:
  - upgrades the quality and enhances the character of existing areas;
  - enhances public transit use and pedestrian access;
  - efficiently utilizes and does not overburden existing services and infrastructure; and
  - results in land use patterns and densities that provide the opportunity for the construction of household types affordable to all income groups.

*Community Form - Relationship of New Development*

- Require that new development areas and associated community-wide facilities (open space resources, parks, libraries, etc.) Be linked and oriented to existing developed areas of the community through road networks, public transit systems, open space systems, bike way and pedestrian systems, and other physical connections.

*Community Form - Jobs/Housing and Economic Development*

- Strive for a land use mix and pattern of development that provides linkages between jobs and employment uses, will provide a reasonable jobs/housing balance, and will maintain the fiscal viability of the City.

### *Community Design*

- Continue to develop and apply design standards that result in efficient site and building designs, pedestrian friendly projects that stimulate the use of alternative modes of transportation, and the establishment of a functional relationship between adjacent developments.
- Encourage project designs that place a high priority and value on open space, and the preservation, enhancement and incorporation of natural resources and other features including consideration of topography, vegetation, wetlands, and water courses.
- The location and preservation of native oak trees and oak woodlands shall be a primary factor in determining site design, building location, grading, construction and landscaping, and in establishing the character of projects through their use as a unifying element in both new and existing development.
- Manage growth in such a way to ensure that significant open space areas will be preserved.

### Circulation Element

The Circulation Element includes policies to reduce congestion, and encourage bicycle and pedestrian travel. These measures help ensure that green house gas emissions from vehicle sources are reduced or minimized.

### *Level of Service Policies*

- Strive to meet the level of service standards through a balanced transportation system that reduces the auto emissions that contribute to climate change by providing alternatives to the automobile and avoiding excessive vehicle congestion through roadway improvements, Intelligent Transportation Systems, and transit improvements.
- Enable the City to designate a Pedestrian District over a geographic area for the purpose of implementing measures that promote pedestrian walkability and reduce total vehicle miles traveled and resultant air pollution emissions that contribute to climate change. In these districts, the City recognizes that pedestrian travel takes a higher priority than automobile travel, which could reduce the vehicular level of service.

### *Transit Goals and Policies*

- Pursue and support transit services within the community and region and pursue land use, design and other mechanisms that promote the use of such services.

### *Transportation Systems Management Policies*

- Continue to enforce the City's TSM ordinance and monitor its effectiveness.
- Work with appropriate agencies to develop measures to reduce vehicular travel demand and total vehicle miles traveled and meet air quality goals.

### *Bikeways/Trails Policies*

- Develop a comprehensive and safe system of recreational and commuter bicycle routes and trails that provides connections between the City's major employment and housing areas and between its existing and planned bikeways.
- Coordinate Roseville's bikeway and trail system with those of neighboring jurisdictions to provide both local and regional connections.

### Open Space and Conservation Element

The open space and conservation element contains policies that promote sustainability by supporting open space acquisition; and emphasizing an interconnected open space system with bicyclist and pedestrian connections between residential development and schools, employment, and commercial areas.

#### *Open Space System Policies*

- Provide an interconnecting system of open space corridors that, where feasible, incorporate bikeways and pedestrian paths.
- Provide interconnected open space corridors between open space and habitat resources, recreation areas, schools, employment, commercial service and residential areas.
- 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.
- 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.
- 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.
- 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.

#### *Vegetation and Wildlife Policies*

- 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.
- Preserve and rehabilitate continuous riparian corridors and adjacent habitat along the City's creeks and waterways.
- Require dedication of the 100-year flood plain or comparable mechanism to protect habitat and wildlife values in perpetuity.
- Require preservation of contiguous areas in excess of the 100-year flood plain 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.
- 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.

#### *Groundwater Recharge and Water Quality*

- Ensure a buffer area between waterways and urban development to protect water quality and riparian areas.

- 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.
- Where feasible, locate stormwater retention ponds in areas where subsoil is suitable for groundwater recharge.

#### Parks and Recreation Element

The parks and recreation element takes into consideration energy efficiency and water conservation, including the use of treated wastewater, in park development, and design which helps ensure that the parks are sustainable.

#### *Parks and Recreation Policies*

- Take into consideration energy efficiency and water conservation, including the use of treated wastewater, in park development, and design.

#### Public Facilities

The public facilities element includes policies that support sustainability by addressing energy-efficiency and renewable energy, water conservation, maximizing the use of recycled water, and solid waste source reduction and recycling.

#### *Electric Utility Policies*

- Explore the feasibility of the development of and participation in renewable energy resources.
- Adopt a load/resource management plan, incorporating energy efficiency, conservation, load management, and reliability strategies, identifying program objectives and implementation and monitoring mechanisms.
- Pursue reasonable and cost-effective energy efficiency, conservation, and load management programs pertinent to the electric utility system.
- Require new development to pay a fair share of the cost of new sub-transmission and distribution needed to serve the development and to dedicate sites and easements needed for substations, transmission, sub-transmission, and distribution.

#### *Water System Policies*

- Develop and implement water conservation standards and measures as necessary elements of the water system.
- Develop and implement an aquifer storage and recovery program.

#### *Wastewater and Recycled Water System Policies*

- Explore potential alternatives to treatment and discharge.
- Develop, plan, and provide incentives for use of recycled water by the public and private sectors.

#### *Solid Waste, Source Reduction & Recycling*

- Ensure existing and future recycling sites and operations remain viable through application of land use compatibility standards.
- Comply with the source reduction and recycling standards mandated by the State by reducing the projected quantity of solid waste disposed at the regional landfill by 50%, as well as any mandated future reductions.

- Develop public education and recycling programs

#### *Water and Energy Conservation Policies*

Develop and implement water conservation standards.

- Implement various water conservation plans developed by the Environmental Utilities Department.
- Explore potential uses of treated wastewater.
- Protect the quality and quantity of the City's groundwater and consider designating areas as open space where recharge potential is high.
- Develop and adopt a landscape ordinance that provides standards for the use of drought tolerant, xeriscape, and water-conserving landscape practices for both public and private projects.
- Develop and implement public education programs designed to increase public participation in energy, water conservation and recycled water use.
- Require large electricity users to submit a use and conservation plan concurrent with development review specifying measures to be taken to minimize demand.
- Enforce energy requirements and encourage development and construction standards that promote energy efficiency and conservation.
- Preserve scarce resources by undertaking major projects in energy conservation and load management, including increasing efficiency in the City's electrical system.
- Continue and expand energy efficiency and conservation programs to serve all utility users.

#### Safety Element

- The safety element includes policies intended to minimize the potential for loss of life and property due to flooding, which has been identified as a potential impact of climate change.
- Flood Protection Policies
- Continue to regulate, through land use, zoning, and other restrictions, all uses and development in areas subject to potential flooding.
- Monitor and regularly update City flood studies, modeling and associated land use, zoning, and other development regulations.
- Continue to pursue a regional approach to flood issues.
- Provide flood warning and forecasting information to community residents to reduce impacts to personal property.
- Minimize the potential for flood damage to public and emergency facilities, utilities, roadways, and other infrastructure.
- Require new developments to provide mitigation to insure that the cumulative rate of peak run-off is maintained at pre-development levels.
- Continue to implement the Storm Maintenance Program to keep creeks and storm drain systems free of debris.

- Establish flood control assessment districts or consider other funding mechanisms to mitigate flooding impacts.
- Where feasible, maintain natural stream courses and adjacent habitat and combine flood control, recreation, water quality, and open space functions.