

Related Comprehensive Plan policies:**Natural Environment Element**

NE-15 Plan, deploy, and maintain physical and social infrastructure such that vulnerability to natural hazards and disasters is reduced for all members of the community, and ensure that communities are adequately prepared to respond to a crisis, response is effective and coordinated, and recovery is accelerated.

NE-45 Reduce the amount of effective impervious surface in floodplains and uplands contributing runoff to downstream floodplains.

NE-46 Employ no net impact floodplain management to avoid impacts to both upstream and downstream properties.

NE-47 Strive towards no net loss of the structure, value, and functions of natural systems constituting Frequently Flooded Areas.

NE-48 Regulate development in the 100- year floodplain to avoid substantial risk and damage to public and private property and loss of life. Ensure these regulations, as a minimum, comply with state and federal requirements for floodplain regulations.

NE-49 Direct uses that require substantial improvements or structures away from areas within the 100-year floodplain. **NE-50** Locate public facilities outside of the 100-year floodplain unless needed to serve development within areas characterized by urban development or because efficiencies from locating near existing public facilities already within the 100-year floodplain would clearly outweigh the risk of damage to the facility.

NE-51 Require that construction, maintenance, and operation of development in the 100-year floodplain minimize hazards to persons and property within the 100- year floodplain and the entire community.

NE-52 Update policies and development regulations to incorporate more detailed data on the extent of flood hazards as it becomes available.

NE-53 Cooperate with flood hazard reduction planning carried out by King County and update policies and development regulations to incorporate appropriate recommendations from these studies.

NE-54 Require compensatory floodplain storage for all projects constructed within the 100-year floodplain.

NE-55 Develop a City-initiated Sammamish River Compensatory Floodplain Storage Project. Allow Downtown development in the Sammamish River floodplain to “buy into” this project as an option in lieu of providing compensatory floodplain storage on-site.

NE-56 Include flood flow estimate representing future conditions build-out into the City’s floodplain regulations as it becomes available.

NE-57 Consider reductions in the FEMA floodway only if future flows have been considered and adequately accommodated.

NE-58 Limit impervious surfaces citywide to reduce the possibility of flooding, to protect the environment, and to allow for groundwater recharge as appropriate for the specific needs of particular neighborhoods and urban centers.

NE-59 Explore new methods to limit effective impervious surface to protect environmental resources such as streams and allow for groundwater recharge, allow for efficient land use, reduce potential for flooding, and accommodate the level of development intensity planned for the area.

NE-60 Maintain and update clearing and grading regulations to minimize the overall impact of the activity on the environment. Generally, limit clearing to the parts of site that will be developed.

Transportation Element

TR-38 Protect Redmond's transportation system against disasters by maintaining prevention and recovery strategies that are coordinated locally and regionally.

Capital Facilities Element

CF-1 Develop and regularly update functional plans that assess capital facility needs and strategies for addressing such needs. Provide opportunities for public involvement appropriate to the nature of the update. Use functional plans to guide the development of capital priorities and investment decisions within each of the following functional areas:

- Fire protection and emergency management response, including the city and Fire District #34;
- Police protection;
- Stormwater and surface water management;
- Water and sewer systems;
- Parks, arts, recreation, culture and conservation;
- Transportation;
- General government facilities; and
- Other functional areas as identified.

CF-2 Include in functional plans and supporting documents, at a minimum, the following features necessary for maintaining an accurate account of long-term capital facility needs and associated costs to the City, and consistency with the Comprehensive Plan and the Zoning Code:

- A description of the current capital facility infrastructure and the scope and cost of its operation and maintenance;
- A description of current capital facility deficiencies and appropriate funding strategies to remedy these deficiencies;
- An analysis of capital facilities needed through the year 2030, at a minimum, and estimated costs to meet those needs;
- An analysis specifying how capital facilities will be financed and maintained;
- A description of the functional plan's public outreach, participation and review process;
- A set of criteria to be used to prioritize projects and inform the City's Six-Year Capital Improvement Program (CIP) and long-term capital investment strategic plan;
- A description of how the functional plan and supporting documents respond to Growth Management Act requirements; and

- An analysis indicating that the functional plan, including any subsequent revisions to or modifications of the functional plan, is consistent with the Comprehensive Plan policies, Zoning Code regulations, and the capital investment strategic plan.

CF-3 Review proposed functional plans and updates to existing functional plans to ensure that the plans:

- Focus on infrastructure needs in both developed and developing areas of Redmond,
- Are consistent with the Comprehensive Plan, and
- Comply with state law.