

Community Vision 2040 Infrastructure Element	Comments
<p>NOTE: The Infrastructure (INF) Element is a newly added chapter to the Community Vision 2040 General Plan. The INF Element includes new goals, policies and strategies listed at the end of the table as well as existing goals, policies and strategies that were moved from the 2005 General Plan Environmental Resources Element. Refer to the Environmental Resources and Sustainability Table for specific comments.</p>	
<p>GOAL INF-5: Ensure that the city’s wastewater system continues to meet current and future needs</p>	<p>See Environmental Resources Table</p>
<p>Policy INF-5.1: Infrastructure. Ensure that the infrastructure plans for Cupertino’s waste water system providers continue to meet the City’s current and future needs.</p>	
<p>Strategy INF-5.1.1: Coordination. Coordinate with the Cupertino Sanitary District on their Master Plan and the Sunnyvale Treatment Plant to develop a comprehensive capital improvement program to ensure adequate capacity for future development anticipated with General Plan buildout.</p>	
<p>Strategy INF-5.1.2: Development. Require developers to pay their fair share of costs for, or in some cases construct, infrastructure upgrades to ensure that service levels are met</p>	
<p>GOAL INF-7: Ensure that the city meets and exceeds regulatory waste diversion goals by working with providers, businesses and residents</p>	
<p>Policy INF-7.1: Providers. Coordinate with solid waste system providers to utilize the latest technology and best practices to encourage waste reduction and meet, and even, exceed State targets.</p>	
<p>Policy INF-7.3: Operations. Encourage public agencies and private property owners to design their operations to meet, and even, exceed regulatory waste diversion requirements.</p>	
<p>Strategy INF-7.3.1: City Facilities and Events. Design new City facilities and retrofit existing facilities and event venues with recycling and trash collection bins to facilitate easy disposal of recyclable and compostable waste by staff and the public.</p>	
<p>Strategy INF-7.3.3: Recycled Materials. Encourage the use of recycled materials and sustainably harvested materials in City, agency and private projects.</p>	
<p>GOAL INF-8: Develop and enhance programs that reduce, reuse and recycle waste</p>	
<p>Strategy INF-8.1.1: Outreach. Conduct and enhance programs that promote waste reduction in schools, businesses and homes through partnerships with schools, the Chamber of Commerce and the City’s neighborhood programs.</p>	
<p>Strategy INF-8.1.2: Hazardous Waste. Work with providers and businesses to provide convenient hazardous and e-waste facilities for the community.</p>	

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Strategy INF-8.1.4: <u>Reuse</u>. Encourage reuse of materials and reusable products. Develop a program for reuse of materials and reusable products in City facilities and outreach programs for community-wide participation by promoting community-wide garage sales and online venues.	See Environmental Resources Table
Strategy INF-8.1.5: <u>Collaboration</u>. Collaborate with agencies and large businesses or projects to enhance opportunities for community-wide recycling, reuse and reduction programs.	
NEW GOALS, POLICIES AND STRATEGIES	
GOAL INF-1: Ensure that the city's infrastructure is enhanced and maintained to support existing development and future growth in a fiscally responsible manner	Ensures future development can be supported by infrastructure and developers pay their fair share
Policy INF-1.1: <u>Infrastructure Planning</u>. Upgrade and enhance the City's infrastructure through the City's Capital Improvement Program (CIP) and requirements for development.	
Strategy INF-1.1.1: <u>Capital Improvement Program</u>. Ensure that CIP projects reflect the goals and policies identified in Community Vision 2040.	
Strategy INF-1.1.2: <u>Design Capacity</u>. Ensure that public infrastructure is designed to meet planned needs and to avoid the need for future upsizing. Maintain a balance between meeting future growth needs and over-sizing of infrastructure to avoid fiscal impacts or impacts to other goals.	
Strategy INF-1.1.3: <u>Private Development</u>. Require new development to pay its fair share of, or to extend or construct, improvements to the City's infrastructure to accommodate growth without impacting service levels.	
Strategy INF-1.1.4: <u>Coordination</u>. Require coordination of construction activity between various providers, particularly in City facilities and rights-of-way, to ensure that the community is not unnecessarily inconvenienced. Require that providers maintain adequate space for all utilities when planning and constructing their infrastructure.	Coordination efforts
Policy INF-1.2: <u>Maintenance</u>. Ensure that existing facilities are maintained to meet the community's needs.	
Policy INF-1.3: <u>Coordination</u>. Coordinate with utility and service providers to ensure that their planning and operations meet the City's service standards and future growth.	
Policy INF-1.4: <u>Funding</u>. Explore funding strategies for upgrades to existing infrastructure and ongoing operations and maintenance.	Funding for infrastructure operations and maintenance
Strategy INF-1.4.1: <u>Development</u>. Require developers to expand or upgrade existing infrastructure to increase capacity, or pay their fair share, as appropriate.	

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Strategy INF-1.4.2: <u>Economic Development</u>. Prioritize funding of infrastructure to stimulate economic development and job creation in order to increase opportunities for municipal revenue.	
GOAL INF-2: Ensure that city rights-of-way are protected from incompatible uses and enhanced with sustainable features when possible	Planning and design of City’s public right-of-way
Policy INF-2.1: <u>Maintenance</u>. Maintain the City’s right-of-way and traffic operations systems.	
Policy INF-2.2: <u>Multimodal Systems</u>. Ensure that City rights-of-way are planned for a variety of transportation alternatives including pedestrian, bicycle, automobile, as well as new technologies such as driverless cars, etc.	
Policy INF-2.3: <u>Green Streets</u>. Explore the development of a “green streets” program to minimize stormwater runoff in City rights-of-way.	
Policy INF-2.4: <u>Undergrounding Utilities</u>. Explore undergrounding of utilities through providers, public projects, private development and agency funding programs and grants.	Undergrounding of utilities
Strategy INF-2.4.1: <u>Public and Provider generated projects</u>. Require undergrounding of all new infrastructure projects constructed by public agencies and providers. Work with providers to underground existing overhead lines.	
Strategy INF-2.4.2: <u>Development</u>. Require undergrounding of all utility lines in new developments and highly encourage undergrounding in remodels or redevelopment of major projects.	
Policy INF-2.5: <u>Recycled Water Infrastructure</u>. Plan for citywide access to recycled water and encourage its use.	
Strategy INF-2.5.1: <u>Availability</u>. Expand the availability of a recycled water system through public infrastructure projects and development review.	Supports infrastructure for recycled water
Strategy INF-2.5.2: <u>Use</u>. Encourage private and public projects to incorporate the use of recycled water for landscaping and other uses.	
Strategy INF-2.5.3: <u>City Facilities</u>. Design and retrofit City buildings, facilities and landscaping to use recycled water, to the extent feasible.	
GOAL INF-3: Create a coordinated strategy to ensure a sustained supply of potable water through planning and conservation	
Policy INF-3.1: <u>Coordination with Providers</u>. Coordinate with water providers and agencies in their planning and infrastructure process to ensure that the City continues to have adequate supply for current needs and future growth.	Encourages coordination with water providers and agencies for water needs and conservation
Strategy INF-3.1.1: <u>Maintenance</u>. Coordinate with providers to ensure that water and recycled water delivery systems are maintained in good condition.	

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<p>Policy INF-3.2: <u>Regional Coordination</u>. Coordinate with State and regional agencies to ensure that policies and programs related to water provision and conservation meet City goals.</p> <p><i>Note: additional water conservation policies are discussed in detail in the Sustainability Element.</i></p>	Encourages coordination with water providers and agencies for water needs and conservation
<p>GOAL INF-4: Implement best practices in stormwater management to reduce demand on the stormwater network, reduce soil erosion, and reduce pollution into reservoirs and the bay</p>	Stormwater planning and funding
<p>Policy INF-4.1: <u>Planning and Management</u>. Create plans and operational policies to develop and maintain an effective and efficient stormwater system.</p>	
<p>Strategy INF-4.1.1: <u>Management</u>. Reduce the demand on storm drain capacity through implementation of programs that meet and even exceed on-site drainage requirements.</p>	
<p>Strategy INF-4.1.2: <u>Infrastructure</u>. Develop a Capital Improvement Program (CIP) for the City's storm drain infrastructure that meets the current and future needs of the community.</p>	
<p>Strategy INF-4.1.3: <u>Maintenance</u>. Ensure that City's storm drain infrastructure is appropriately maintained to reduce flood hazards through implementation of best practices.</p>	
<p>Policy INF-4.2: <u>Funding</u>. Develop permanent sources of funding storm water infrastructure construction and maintenance.</p>	
<p>Strategy INF-4.2.2: <u>Ongoing Operations</u>. Review other funding strategies to pay for the ongoing operations and maintenance of the storm drain system per State and regional requirements.</p> <p><i>Note: additional policies that meet State and regional runoff reduction are described in the Sustainability Element.</i></p>	
<p>Policy INF-5.2: <u>Demand</u>. Look for ways to reduce demand on the City's wastewater system through implementation of water conservation measures</p>	Encourages water conservation measures to reduce demands on wastewater system
<p>GOAL INF-6: Encourage innovative technologies and communication systems that provide excellent services to businesses and residents</p>	Addresses citywide telecommunication needs, planning and coordination
<p>Policy INF-6.1: <u>Telecommunications Master Plan</u>. Maintain and update a Telecommunications Master Plan with regulations and guidelines for wireless and emerging technologies.</p>	
<p>Policy INF-6.2: <u>Coordination</u>. Coordinate with providers to improve access and delivery of services to businesses and homes.</p>	
<p>Strategy INF-6.2.1: <u>Facility Upgrades</u>. When possible, require service providers to upgrade existing facilities as part of permit or lease renewals. Encourage use of newer technologies that allow the facility components to be reduced in size or improve screening or camouflaging.</p>	

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<p>Strategy INF-6.2.2: <u>Improved Access</u>. Work with providers to expand service to areas that are not served by telecommunications technologies.</p>	<p>Addresses citywide telecommunication needs, planning and coordination</p>
<p>Strategy INF-6.2.3: <u>City Facilities</u>. Encourage leasing of City sites to expand access to telecommunications services. Develop standards for the incorporation of telecommunications systems and public use.</p>	
<p>Strategy INF-6.2.4: <u>Agency and Private Facilities</u>. Encourage the installation of communications infrastructure in facilities owned by other public agencies and private development.</p>	
<p>Strategy INF-6.2.5: <u>Communications Infrastructure</u>. Support the extension and access to telecommunications infrastructure such as fiber optic cables.</p>	
<p>Policy INF-6.3: <u>Emerging Technologies</u>. Encourage new and innovative technologies and partner with providers to provide the community with access to these services.</p>	
<p>Strategy INF-6.3.1: <u>Strategic Technology Plan</u>. Create and update a Strategic Technology Plan for the City to improve service efficiency.</p>	<p>Addresses local, regional and statewide measures for waste diversion</p>
<p>Policy INF-7.2: <u>Facilities</u>. Ensure that public and private developments build new and on-site facilities and/or retrofit existing on-site facilities to meet the City's waste diversion requirements.</p>	
<p>Strategy INF-7.3.2: <u>Construction Waste</u>. Encourage recycling and reuse of building materials during demolition and construction of City, agency and private projects.</p>	
<p>Policy INF-7.4: <u>Product Stewardship</u>. Per the City's Extended Producer Responsibility (EPR) policy, support statewide and regional EPR initiatives and legislation to reduce waste and toxins in products, processes and packaging.</p>	
<p>Policy INF-8.1: <u>Reducing Waste</u>. Meet or exceed Federal, State and regional requirements for solid waste diversion through implementation of programs.</p>	
<p>Strategy INF-8.1.3: <u>Preferential Purchasing</u>. Maintain and update a City preferential purchasing policy to products that reduce packaging waste, greenhouse gas emissions, toxic contaminants and are reusable.</p>	