

INFRASTRUCTURE & GROWTH

*I WANT A WELL-MAINTAINED CITY WHERE TRANSPORTATION AND OTHER
INFRASTRUCTURE KEEPS PACE WITH GROWTH*

REQUEST FOR OFFERS

TEAM MEMBERS

Team Lead: Deborah Farris, Planning
Team Member: Karen Conrad, Finance & IS
Team Member: Rana Shmait, Parks
Team Member: Debby Wilson, Public Works

DASHBOARD INDICATORS

Indicator 1: Maintenance Report Card - includes pavement conditions, incidence of water main breaks and sewer overflows.

Measure Description: The measure speaks to the reliability of the City's infrastructure and will measure the appropriate level of preventative maintenance performed to meet acceptable levels of service. Redmond's public infrastructure has a low failure rate, indicating that maintenance practices currently in use are effective in preventing disruptions in service.

Calculation Method: Current data collected on pavement condition, water main breaks and sewer overflows will be gathered on an annual basis to form the report card. The measure will illustrate all three elements, not an aggregate.

Indicator 2: Mobility Report Card - Ratio of Redmond's transportation supply to transportation system demands (i.e. concurrency).

Measure Description: State law requires that transportation system improvements are in place to serve development at the time of the development, or are financially committed to within six years. This measure illustrates the degree to which transportation capacity supply meets capacity demand.

Calculation Method: This measure is included in the Mobility Report Card, an annual report prepared on a number of transportation related measures.

Indicator 3: Overall satisfaction of Redmond residents with transportation systems.

Measure Description: A measure used to reflect degree to which residents believe the overall transportation system in Redmond meets their needs.

Calculation Method: Data for this measure will be generated by the City's biennial survey.

Indicator 4: Jobs to Households Balance (i.e. number of jobs in the local job market per household).

Measure Description: Jobs to housing balance refers to the approximate (equal) distribution of employment opportunities and workforce population across a geographic area. It is usually measured in terms of the proportion of jobs per household. For example, a jobs-housing balance of 1.25 means the demand for housing from local employment is 1.25 times greater than the amount of housing available. The aim of jobs-housing balance is to provide local employment opportunities that may reduce overall commuting distance among residents, and also the reverse, to provide homes near to workplaces.

Calculation Method: Annual information from Puget Sound Regional Council (PSRC) on jobs combined with Redmond’s estimate of new housing units as compared to the City’s planned goals for employment and housing growth. (Note: information is available from ARCH and City records [new housing] annually).

Indicator 5: Rents, Home Sales Prices and Income as a Measure of Affordability.

Measure Description: The measure reflects the balance of the range of wages being paid by the business community to the range of housing prices in Redmond. The measure should illustrate whether or not Redmond has a variety of housing available to serve the needs of residents.

Calculation Method: Use demographic information on citywide averages of rental costs, home prices and income to identify income as compared to housing costs. (Note: information is available from ARCH annually).

Indicator 6: The Pace of Infrastructure Development versus the Pace of Growth.

Measure Description: The measure will track the implementation of the City’s functional plans to determine if the City’s infrastructure activity is moving in tandem with the rate of growth in Redmond development.

Calculation Method: Track 20-year functional plan targets to the 20-year growth targets to determine the rate of each.

INTRODUCTION/SUMMARY OF CAUSE & EFFECT MAP

Infrastructure and Growth - For this priority, transportation infrastructure includes mobility, roads, sidewalks, paths, regional transit, capacity for alternative modes of transportation and connectivity. Utility infrastructure includes sewer, water, stormwater, electricity, gas, telecommunications, fiber optics and maintenance of these systems. To meet the demands of a growing and diversifying population of Redmond, infrastructure also includes the balance of housing and jobs.

Offers should support three factors: "Planning", "Investing" and "Maintaining and Operating".

A sound infrastructure utilizing these factors provides the foundation for a vibrant and sustainable community. Offers should clearly demonstrate collaboration, community engagement, efficiency, innovation, cost effectiveness and accountability.

Scalability is an integral requirement of all offers. Offers must delineate the financial increase or decrease, and its impact on the level of service to the community.

Factor 1: Planning

Community engagement and collaboration enables organized and effective management of growth and maintenance, while ensuring a sustainable infrastructure that is proactively aligned with demand. This allows the City to respond to the community's request for improved transportation capacity that alleviates traffic, while increasing mobility, accessibility and travel choices. Regarding growth, planning takes into account the placement and capacity of utilities.

Planning an infrastructure that better connects people with their residence, employment and desired services promotes and encourages the ability to balance housing and jobs.

Meeting the goals of this factor requires intra-city collaboration.

Factor 2: Investing

To support the continued growth of Redmond as a sustainable and vibrant community, the City should seek relationships which foster partnerships and joint ventures to meet projected infrastructure needs. These collaborative efforts should focus on alternate transportation modes, sustainable approaches and complimentary/layered infrastructure (i.e. multipurpose corridors, surface and subsurface uses). Seeking funding and grants, while offering incentives, are considered essential.

Factor 3: Maintaining and Operating

A successfully functioning municipal infrastructure enables a community and its businesses to operate efficiently. Trained personnel with the appropriate equipment are essential to perform the required maintenance, thus ensuring continuity of basic city services and emergency preparedness. An emphasis should be placed on preventative maintenance of the City's infrastructure and facilities. Communication and coordination with the community and other regional agencies increases public awareness.

PURCHASING STRATEGIES

WE ARE LOOKING FOR OFFERS THAT:

Strategy 1: Coordinate infrastructure projects between internal City departments, neighboring jurisdictions and regional agencies for the most efficient implementation and with the least disruptions to the community.

Explain how offers have been or will be coordinated within City departments and/or other organizations to provide the most effective set of projects. Offers should demonstrate how they will limit disruptions, costs and redesign, and coordinate the design, permitting and implementation process.

Strategy 2: Exhibit proactive short- and long-term strategies that will provide for reliable, safe and high quality maintenance and operations.

Offers must describe the types of resources (people, equipment, partnerships with local and regional services, technology and/or funding) needed for continuing maintenance and long-term operation. Explain how the offer improves reliability of systems, emergency preparedness, regulatory and standards requirements, safety and quality of services.

Strategy 3: Demonstrate sound planning and alignment with the City's plans and visions.

Offers should address anticipated growth; including renovation of existing infrastructure, mobility, housing choices, transportation, public facilities, utilities and sustainability. Describe how offers assist the City to support this anticipated future development.

Strategy 4: Improve information, service delivery and infrastructure function.

Using innovative and creative ideas, describe how this offer supports:

- Digital connectivity
- Accessibility
- Walkable urban centers and neighborhoods
- Mobility of people, freight, or goods
- Reduction of public service interruptions

NOTES/PRACTICES/SUPPORTING EVIDENCE

1. Vision 2040, Puget Sound Regional Council, 2009, <http://www.psrc.org/growth/vision2040/>
2. Infrastructure background: <http://en.wikipedia.org/wiki/Infrastructure>
3. Information interviews with City staff
4. City of Redmond 2011 Mobility report card
5. Various Community Indicators
6. City of Redmond Citizen Telephone Survey Results, February 2014
7. City of Redmond 2011 Survey Results, December 2011
8. City of Redmond 2009 Survey Results, November 2009
9. Dashboard Performance Measures report
10. Previous budgets (2009-10, 2011-12, 2013-14)
11. Mobility: <http://en.wikipedia.org/wiki/Mobility>
12. 2013 Transportation Report
13. Transportation Improvement Plan

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I want a well maintained city whose transportation and other infrastructure keeps pace with growth by...

