



Demonstration Garden

Waterwise Landscape Project at the Janet Goeske Center

Board of Public Utilities
August 22, 2016

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Demonstration Gardens

1. Drought increased public awareness
2. Public outreach
3. Comprehensive resource
4. Guidance from local water district



**Concept*

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Public Benefits

1. Educational center
2. Interact with water conservation materials
3. Water conservation best practices
4. Increase in program participation



* WMWD – Earth Night in the Garden

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Proposed Site



Janet Goeske Center

Streeter Park Turf Conversion and Demonstration Garden

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Proposed Site

Riverside Public Utilities, Parks, Recreation and Community Services Department (PRCSD)

Demonstration Garden at the Janet Goeske Center

- Built for conservation education
- Meet the new Water Efficiency Landscape Ordinance (WELO)

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Proposed Site

- *Less Water More Color*
- Variety of different types of water efficient landscaping
- Centrally located

Save nearly **1.5 million** gallons of water annually

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Proposed Site



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Proposed Site

1. Turf Alternatives

Grass alternatives to grass include several different kinds of ground cover plants that take little water or mowing and are drought resistant and resistant to heat. They look good, but they grow very slowly and it is possible to have a lot of bare soil in the early spring. All plants are alternatives to a conventional lawn. This is the best time to plant these new ground covers.

2. Meadow Garden

ORNAMENTAL GRASSES

Grasses provide a dramatic element to a garden. In sight, because they move and sway, providing movement to a garden. They look a lot like grass, but in a different way. In the spring, they are green, and in the fall, they are yellow, orange, and pink. There are a variety of sizes to choose from that provide dramatic effects in some specimens or in some drifts.

3. Decorative Hardscape

INERT MATERIALS

The garden also incorporates the use of inert materials such as decomposed granite, boulders, and decorative hardscape such as permeable pavers to allow for definition of water. Much also provides a natural protective layer against the soil to erode and not erode. The use of inert materials and much also reduces the likelihood of weeds.

These newly 'infused' hardscape provide the hardscape with significant advantages which benefit everyone. Creating a 'waterless' garden simply 'looks' better. Reducing water costs and costs for the environment never looked so good!

4. California Friendly or Mediterranean Garden

SUCCESSFUL DROUGHT RESISTANT DROUGHT AND GROUNDCOVER

Drought resistant gardens consist of colorful perennial plants, shrubs, groundcovers and limited turf areas or lawn alternatives. Utilizing the latest irrigation technology, the drought tolerant 'California Friendly' garden provides effective methods for delivering water directly to the plant root zone, thus eliminating excess water consumption. Reducing the use of lawns is a major advantage of the drought resistant garden.

There can easily be found a local landscape and horticultural garden. When used in conjunction with any other, your water costs in the garden can be reduced. Many show throughout the year with only minimal water. They provide vibrant blooms of lavender, pink, red, orange and yellow.

5. California Native Garden

CA NATIVE AND BIRD AND BUTTERFLY FRIENDLY

The California Native garden showcases a collection of plants native to California in high biodiversity. The garden also features a variety of flowering plants, shrubs and perennials that birds and butterflies love. Plants such as Adonis, White Sage and Chocolate Sage are available in the garden and are available to the public. The garden also features a variety of plants that are native to California and are available to the public.

6. Dry Shade Garden

SCULPTURE

Designed specifically for drought resistant use, the garden also features a variety of plants that are native to California and are available to the public. The garden also features a variety of plants that are native to California and are available to the public.

7. Sensory Garden

HERBS AND OTHER FRAGRANT PLANTS

This area of the garden demonstrates the use of a variety of plants that are native to California and are available to the public. The garden also features a variety of plants that are native to California and are available to the public.

8. Dry Shade Garden

This area of the garden demonstrates the use of plants for the site of a new building. The garden also features a variety of plants that are native to California and are available to the public.

*** Education Station** LEARNING OPPORTUNITY KIOSKS

These kiosks provide an opportunity to interact with the garden and learn about it. The kiosks are located throughout the garden and are available to the public.

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Request for Proposals

Parks, Recreation and Community Services Department

- Conceptual Plan designed with RPU and Toro
- Design build
- RFP released by purchasing

One qualified respondent - R.B. Development

- Parks Department will be administering the contract on behalf of RPU

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Recommendations

That the Board of Public Utilities:

1. Approve the Streeter Park Turf Conversion and Demonstration Garden project at the Janet Goeske Center as the site for the previously approved water efficiency demonstration garden; and
2. Award a Design-Build agreement to R.B. Development, of Riverside, California, for turf conversion and demonstration garden at Streeter Park in the amount of \$299,787.51; and
3. Authorize the City Manager, or his designee, to execute the Design-Build Agreement, including making minor, non-substantive changes, and to sign all documents and instruments necessary to complete this project.

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