Community Open House and Meeting
April 29, 2014
Meeting Agenda

- Brief presentation of proposed project
- Questions, comments and discussion
- Adjourn at 7:30 p.m.
Meeting Ground Rules
Adopted October 22, 2013

We will:

• Say what we think

• Listen with respect to the opinions and beliefs of others

• Be open to compromise. We will advocate for what’s most important to us and accept what we can live with, even though it may not be our first choice

• Defer our questions until after project team members have completed their presentation
Planning Phase Purpose

Thoughtfully plan solutions that:

- Protect the corridor from flooding and erosion
- Improve public safety
- Are technically sound
- Are responsive to community needs and values
- Are sensitive to special characteristics of Garden of the Gods Park and Rock Ledge Ranch Historic Site
Decision Process

- **September – October 2013**
  Community: Identify community issues, concerns and priorities

- **November – December 2013**
  Project Team: Develop design concepts

- **December 12, 2013**
  Community: Review and respond to design concepts

- **December 2013 – February 2014**
  Project Team: Develop alternatives

- **February 25, 2014**
  Community: Review and respond to alternatives

- **February – March 2014**
  Project Team: Identify and refine preferred alternative

- **April 2014**
  Community: Review preferred alternative
Proposed Project Key Elements

- **CAMP CREEK DRAINAGE IMPROVEMENT PLAN**
- **DETENTION STORAGE AND SEDIMENT MANAGEMENT AREA**
- **NATURAL CHANNEL STABILIZATION**
- **BRIDGE, CULVERT AND CHANNEL IMPROVEMENTS**
The Proposed Project Will…

- Manage erosion and sedimentation through Garden of the Gods
- Improve traffic safety and reduce flood risks associated with Gateway Road
- Reduce the risk of flooding
- Improve emergency access during large flood events
- Remove residential and commercial properties from the 100-year flood plain
- Improve 31st Street channel aesthetics and connect Foothills Trail to Fountain Creek
Garden of the Gods and Rock Ledge Ranch
Project Elements

Some things we learned from community input:

- Management of Sediment is important
- Detention north of Gateway Road and at Rock Ledge Ranch parking areas are not favored options
- Gateway Road needs improvement
- The cottonwood and apricot trees along Gateway Road are valued
- Garden of the Gods and Rock Ledge Ranch must be protected
- Cultural resources in the area are important
Garden of the Gods Plan Elements
Detention Pond/Sediment Management Area
Garden of the Gods Plan Elements
Northern Garden of the Gods Large Detention Area

Before
Garden of the Gods Plan Elements
Northern Garden of the Gods Large Detention Area

After
Garden of the Gods Plan Elements
Northern Garden of the Gods Large Detention Area

Before
Garden of the Gods Plan Elements
Northern Garden of the Gods Large Detention Area

After
Garden of the Gods Plan Elements
Northern Garden of the Gods Large Detention Area

Before
Garden of the Gods Plan Elements
Northern Garden of the Gods Large Detention Area

After
Gateway Road Improvements

After
Gateway Road Improvements

Before
Gateway Road Improvements

After
Natural Channel Stabilization

Before

After
Creek Realignment at the South End of Rock Ledge Ranch
31st Street Channel Project Elements

Some things we learned from community input:

- Camp Creek, “the ditch” is viewed as an asset to the community
- Safety of children and wildlife is a priority
- Neighborhood aesthetics are important
- Naturalistic versus concrete linings are preferred
- Walls and guardrails above street level are not desirable
31st Street Channel Project Elements

Some things we learned from community input:

- Trees and on-street parking along 31st Street are valued
- Traffic and noise are of concern to 31st Street property owners
- Reduction in the size of the FEMA regulatory floodplain is important
- An off-street trail in the 31st Street corridor is desirable
31st Street Channel

BRIDGE, CULVERT AND CHANNEL IMPROVEMENTS
31st Street Channel

After
31st Street Bridge Improvements
Extension of Underground Culvert
Extension of Underground Culvert
Anticipated FEMA Floodplain Revision Steps

- Letter of Map Revision (LOMR) based on revised hydrology
- Conditional Letter of Map Revision (CLOMR) to construct detention
- LOMR to reflect the effect of detention
- LOMR to reflect the effect of 31st Street Improvements
Preliminary Noise Investigation

- Our preliminary analysis indicates that the increase in noise levels due to the proposed project will be barely perceptible.

- On each side of the street the nearby traffic lanes will be moved closer to houses while the traffic lanes on the other side of the street will be moved further away.

- The grass and small shrub lined side slopes in the widened median/channel area will help to dampen noise in the corridor.
Plan Implementation

- Cultural resources assessment
- Begin Design of Improvements
- Begin work on Initial FEMA Floodplain Revisions
- Identify potential funding sources
- Confirm phasing plan
Cultural Resources Assessment

- City's goal is to respect and avoid impacting cultural resources in the project area.

- Cultural resources are:
  - archaeological materials
  - historic sites
  - architectural features
  - landscapes
  - traditional cultural places

- The City has hired a firm to conduct the assessment; report due in a couple of months.

- Assessment is required to receive federal funding for the project.
Potential Funding Sources

Potential Sources of Construction Funding
- City General Fund
- FEMA grant
- National Resource Conservation Service grant
- Grant(s) from other sources
- Potential sale of bonds
- Potential storm water fee

Potential Sources of Maintenance Funding
- City General Fund
- Potential storm water fee
- Private sector sponsorship
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<tr>
<th>Plan Elements</th>
<th>Detailed Design</th>
<th>Construction</th>
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<tbody>
<tr>
<td>Initial FEMA floodplain revisions along Camp Creek</td>
<td>2014-2015</td>
<td>N.A.</td>
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<tr>
<td>Gateway Road and culvert improvements</td>
<td>2014-2015</td>
<td>2016-2017</td>
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<td>31st Street, Bijou to Fontanero</td>
<td>2014-2015</td>
<td>2017-2018</td>
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<td>31st Street, Fontanero to Water Street bridge</td>
<td>2014-2015</td>
<td>2018-2019</td>
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<tr>
<td>Final FEMA floodplain revision along 31st Street</td>
<td>2021-2022</td>
<td>N.A.</td>
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<td>Culvert improvements, Bijou to Fountain Creek</td>
<td>2014-2015</td>
<td>2020-2021</td>
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Next Steps

✓ Review results from tonight
✓ Communicate results to the community
✓ Complete cultural resources assessment
✓ Get Initial FEMA map revision underway
✓ Get construction designs underway
✓ Pursue multiple funding sources
Questions and Comments