Parks and Recreation Advisory Board
Meeting Minutes
January 14, 2016

Members Present: Jackie Hilaire, Gary Feffer, Charles Castle, Mina Liebert, Ron Ilgen, Scot Hume, Alex Johnson
Members Absent: Jason Rupinski, Hank Scarangella
Alternates Present: Bob Lally
Alternates Absent: N/A
Staff Present: Karen Palus, Chris Lieber, Kurt Schroeder, Kim King, Christi Mehew

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Called to Order Jackie Hilaire brought the meeting to order at 7:31 am.

Ceremonial Items

- **Trails and Open Space Coalition** (Presented by Karen Palus) – Award presented to Susan Davies, Executive Director, and Bill Koerner for their support in 2D which passed with 71% of the vote.
- **Timberline Landscape by the National Association of Landscape Professionals** (Presented by Sarah Bryarly) – Award presented to Tim Emick and Stephanie Early for their work on the Manitou Incline Trail Renovation.
- **Old Colorado City Foundation Donation** (Presented by Dave Van Ness and Julie Fabrizio) The Old Colorado City Foundation awarded a check to the Parks, Recreation and Cultural Services department for $5,000 from the Friends of Bancroft Park for improvements to Bancroft Park.

Citizen Discussion

Bill Koerner – (Trails and Open Space Coalition) Thank you to Parks, Recreation and Cultural Services department for hosting the Ring the Peak meeting on January 6th from 3:00 – 5:00 pm at the Parks, Recreation and Cultural Services department.

Bob Falcone – (Friends of Cheyenne Canon)
The Friends of Cheyenne Canon new leadership team was introduced.
President - Chris Beyer
Vice-President – Rebecca MacNamee
Treasurer and Secretary – Kate Campbell

Jim Lockhart - (Conservationist Chair for the Pikes Peak Group of the Sierra Club) Falcon Watershed Flood Control and Greenway District will be hosting their 3rd Annual Creek Week Clean Up from September 24, 2016 - October 2, 2016.

Tiffany Scott – Presented a Power Point regarding her opposition to spraying in Open Spaces to rid the tussock moth. (See presentation below)

Approval of Minutes –December 10, 2015
Motion: Charles Castle/Scot Hume, Approved - Unanimous

Action Items
1. Little Mesa Tank Replacement Project (Presented by Melanie Jollett and Steve Rodriguez, Colorado Springs Utilities – see presentation below)

A Power Point presentation on the Little Mesa Tank Replacement Project was presented by Melanie Jollett. The presentation included why the tank needs to be replaced, the proposed tank location and the new executive agreement.

Bill Koerner – (Trails and Open Space Coalition) Due to this area being a public open space this is the appropriate time to propose restrooms and parking in this area.

Brook William – (Property owner near Little Mesa Tank). Mr. William purchased his home due to the unobstructed view from his property. The height and location of the tank is a concern and it needs to be discussed. Melanie Jollett explained the three roofs under consideration for the tank with each roof having varying heights. Chris Lieber encouraged Colorado Springs Utilities to work with the neighbors in this area in regards to the executive agreement and the size of the tank and zoning. He also explained that neighbors will have more opportunities to be involved in this project prior to the master plan process in 2017. Jackie Hilaire suggested Mr. William work with Bill Koerner regarding forming a Friends Group for this Open Space. She stated City Council and the Planning Commission will take into consideration citizen comments in making decisions on this agreement.

- Proposed Motion:

A motion supporting the proposed Development Plan and zone change from PK PF R HS (Public Parks, Public Facilities, Estate Single-family Residential with Hillside Overlay) to PF HS (Public Facility with Hillside Overlay).

Motion: Charles Caste/Alex Johnson, Approved – Unanimously

Presentations
2. Chestnut Bridge Replacement Project (Presented by Aaron Egbert and Alex Pellegrino – City Engineering - see presentation below)

The presentation explained the structural issues and stabilization of the bridge. Proposed trail realignment plans were shown. Charles Castle suggested involving local businesses in the public meetings.

3. 2016 Stewardship Approach (Presented by Melissa McCormick– Regional Parks, Trails and Open Space Division - see presentation below)

The presentation included an original and revised proposal, contracted services, education, seasonal work experience programs, proposed seasons and project outcomes.

4. I-25 and Cimarron Interchange (Presented by Gabi Johnson – Kramer Construction– see presentation below)

The presentation included current construction activity, Bear Creek box culvert, the 60-inch storm sewer under I-25, the southbound off-ramp, upcoming construction, a trail improvement update and an interactive sign mock-up.

Staff Reports

5. Sand Creek Trail Update – Hancock to Las Vegas (Presented by Steve Bodette, Design and Development Division – see presentation below)

The presentation included a site map and the Sand Creek Trail. Before and after pictures were shown of the trail and a projected completion date of June 2016.

6. CIP Project Review (Presented by Chris Lieber, Design and Development Division – see presentation below)

The presentation covered the Design and Development Division completed projects for 2015 and the upcoming projects for 2016.

7. City of Sunshine (Presented by Matt Mayberry, Cultural Services Division)

The presentation included a display of the new interactive exhibit, "City of Sunshine" that opens on Saturday, January 16th at the Pioneers Museum. The exhibit tells the story of how individuals, institutions, and tuberculosis treatments helped shape the Pikes Peak Region.

Board Business

8. Committee Reports/General Comments

Kim King, Recreation and Administration Division

- Thank you to Carly Kobasiar who did a great job as the interim Manager of the Sertich Ice Center. Bryan Lee was introduced as the new Sertich Ice Center Manager.
- The Parks, Recreation and Cultural Services department has received a GOCO Inspire Grant and Tilah Larson will be the lead on this project. A planning grant in the amount of $75,000 will be used to develop a plan in the next eighteen months with the focus on our three City-run Community Centers and the Beidleman Center. Once the plan is completed, we will have the opportunity to apply for additional grants for implementation.
- On January 26th from 5:30-7:30 pm at the Penrose House, the unveiling of the conceptual design of the Summit House Complex will be presented.

- The City Auditorium Manager application process ended yesterday and interviews will be conducted the second week of February.

Chris Lieber, Design and Development Division – A handout was distributed regarding the "Infill Comprehensive Plan Supplement and Infill Action Plan" for the Parks and Recreation Advisory Board's review. This will be an action item at the February Parks and Recreation Advisory Board meeting.

Dennis Will, Forestry Division –On December 9th a meeting was held with the US Forest Service Aquatics Biologist and the Colorado Parks and Wildlife Aquatics Biologist. A Colorado Department of Public Health representative was present that specializes in water quality and they both agreed as long as buffers are in place (e.g. do not spray over open water, Bear Creek and Cheyenne Creek) there were no concerns. The USDA document states that the chemical BT is virtually non-toxic to fish and specifically targets the tussock moth. Lepidoptera, moths and butterflies may have some risk due to where they are in their lifecycles, however, nature shows their population levels can be affected but soon recover, often within one to three years. Since the 1950's BT has been sprayed extensively and no known related health concerns have been correlated. Notifications will be given to those individuals in the spray area. Four additional public meetings will be held in which the public can participate. A future meeting will take place with the US Fish and Wildlife.

Ron Ilgen – What was the survey that suggested a gondola for the Incline? Karen Palus responded that it was a not a city sanctioned survey, however, it was a survey in which citizens could vote on a variety of ideas and one of the items was a gondola for the Manitou Incline which could possibly help reduce traffic on Ruxton Avenue.

Scot Hume – The January TOPS Working Committee meeting discussed change recommendations for the TOPS Policy and Procedure Manual. An application for funding was received and two TOPS Working Committee members, along with Chris Lieber, will be making a site visit to the St. Claire property.

Charles Castle - Shooks Run public meeting will be held at the end of the month. Chris Lieber updated the Board on the South Nevada & I-25 renovation project. A task force within the City has met with developers and been discussing the corridor and is looking at trail opportunities and how to connect Cheyenne Creek to the Pike Peak Greenway Trail. Chris Lieber stated the area of focus is between Nevada Avenue and Tejon Street.

Mina Liebert – The Venezia Park Community meeting was held last month. Children with special needs and their parents provided feedback and suggestions on the playground design. Structures are now visible on the property.

Alex Johnson – A City Auditorium Friends Group meeting was scheduled; however, there was no one in attendance. Fencing material and porta-lets are sitting on park property at the opening to South Cheyenne Canon. How long will this be going on as it looks like a junk yard? Karen Palus stated they will look in to the matter.

Jackie Hilaire read the City Charter Article III, *§*3-60(d) and the Colorado Open Meetings Act, C.R.S. *§* 24-6-402(4) (a, b and e) to the Parks and Recreation Advisory Board. The Parks and Recreation Advisory Board unanimously approved to go into a closed executive session regarding negotiations pertaining to a land matter.

Adjournment

Parks and Recreation Advisory Board adjourned at 10:55 am.

Executive Session

The Parks and Recreation Advisory Board entered a closed executive session at 11:06 am and adjourned at 11:37 am.

Possible Adverse Effects of Spraying in our Open Spaces

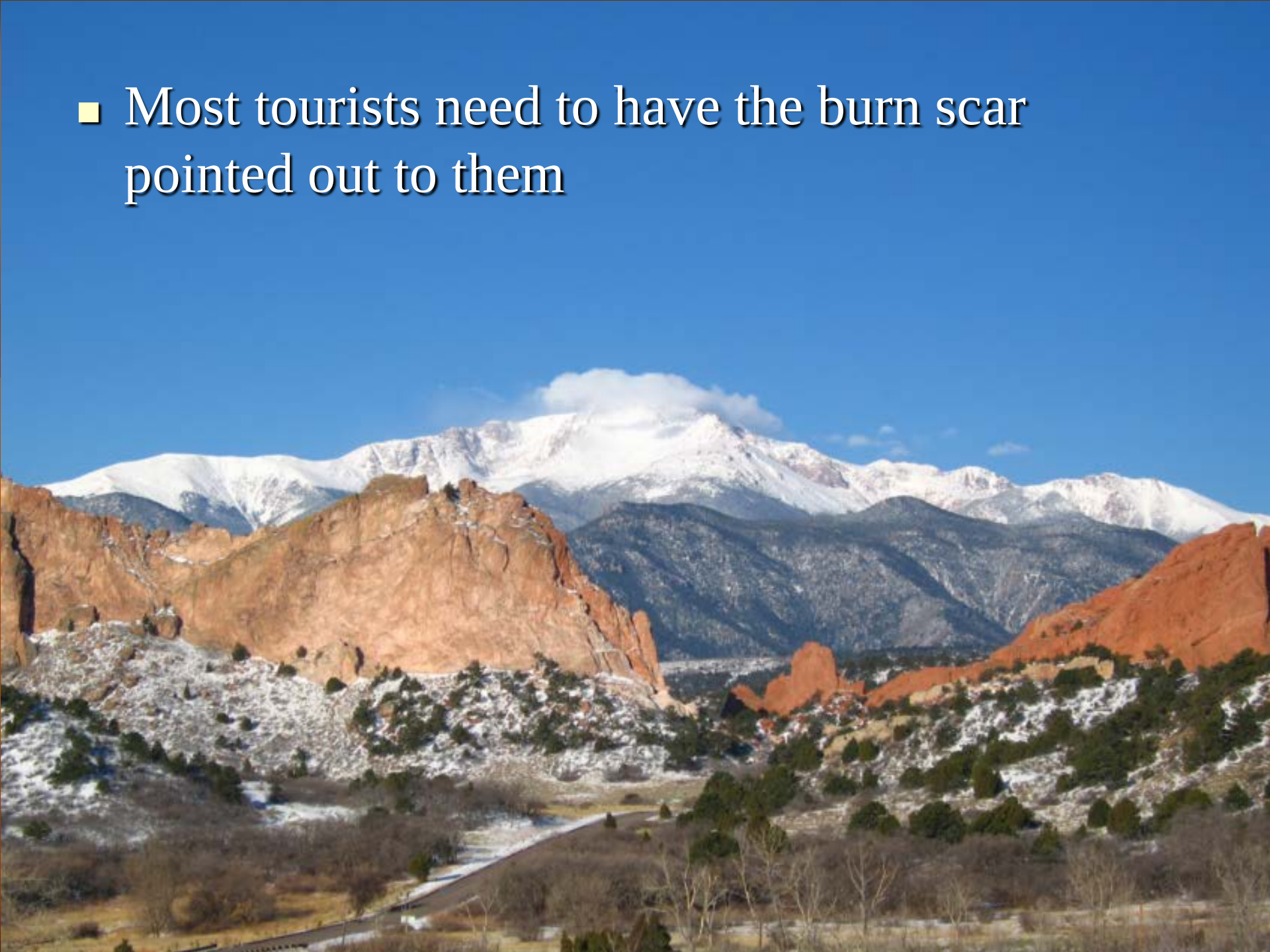
Overview

- City proposing to spray:
  - North Cheyenne Canyon
  - Bear Creek
  - Blogett Peak
  - Broadmoor Area
- Tussock Moth and Budworm infestation
  - Infestations only last 3-5 years
  - Will the spraying occur year after year?

Why is the city spraying?

- Aesthetics
- Afraid to lose tourist dollars
- People will continue to come to the area

- Most tourists need to have the burn scar pointed out to them



Aesthetics?

- City hasn’t removed dead fall from the forested areas
- What makes us think that anything will be done after this infestation is over?

The Real Problem

- The city and private enterprises desire for unsolicited capital has unearthed the root of the ACTUAL problem
  - Our forest is not healthy
  - Tree density in not within healthy levels
  - It is overpopulated and is primarily a monoculture forest
  - It needs to be thinned and a more diverse population of trees propagated
- A healthy forest, just as a healthy human, has the ability to fend off disease and infestation.
- A major fire, natures exfoliator, has not occurred in North Cheyenne Canyon for over 100 years creating a “ticking time bomb”

City Solution

- Foray 48B
  - What is it?
    - It is a modified bio-pesticide
    - When sprayed on the canopy all Lepidopthera (moths and butterflies) in the larvae stage will consume it
    - It then reacts within their gut, starving them resulting in death
    - No studies have been conducted on the effects this could have on the ecological system as a whole
    - Foray 48B has BTk at much higher levels than found naturally in the soil
    - 12.65% of Foray 48B is BTk the other 87.35% is comprised of inert ingredients that are not naturally occurring
    - These ingredients are proprietary meaning they legally do not have to disclose this information

What are these inert ingredients?

- The publicly available information on inerts used in Foray 48B list such possible ingredients as:
  - Hydrochloric and Sulfuric Acids
    - These two acids are known to be caustic to both the environment and humans
  - Benzoic Acid
    - Causes prolonged menstrual bleeding
    - Leads to Luekemia (blood cancer)

Where are the Long Term Studies?

- Saying Foray 48B is safe simply because it has been used for 50+ years is a misnomer
  - There are no long term studies on the effects of Foray 48B or BTk in general
  - Adverse reactions are underreported in spray areas because doctors and patients are not made aware of possible connections to symptoms and spraying
  - Cultures are not taken to determine BTk implications
  - When BTk comes up in a culture it is generally dismissed as a contaminate
  - Many reactions are dismissed due to proximity of patient to the spray area
- On the MSDS for Foray 48B under the Hazardous Information Section (Section 3) for Carcinogenicity rating it is listed as N/L (not listed)
- Lest I remind you that Asbestos, a naturally occurring compound, was used and claimed to be safe for over 80 years, today it is a known carcinogen

Human Effects

- Foray 48B lists possible skin and eye irritations
- Label states “People with compromised immune systems should leave the spray area”
- Late spring is a huge time where seasonal allergies come into play causing anyone with common hay fever to be at risk
- This does not account for people already sick at time of spraying or even asthmatics
- If you are unable to leave the area you are told to stay indoors
  - Unfortunately the spray is still able to enter in the home
  - With home sealed Foray 48B can remain trapped for days

Human Effects (cont.)

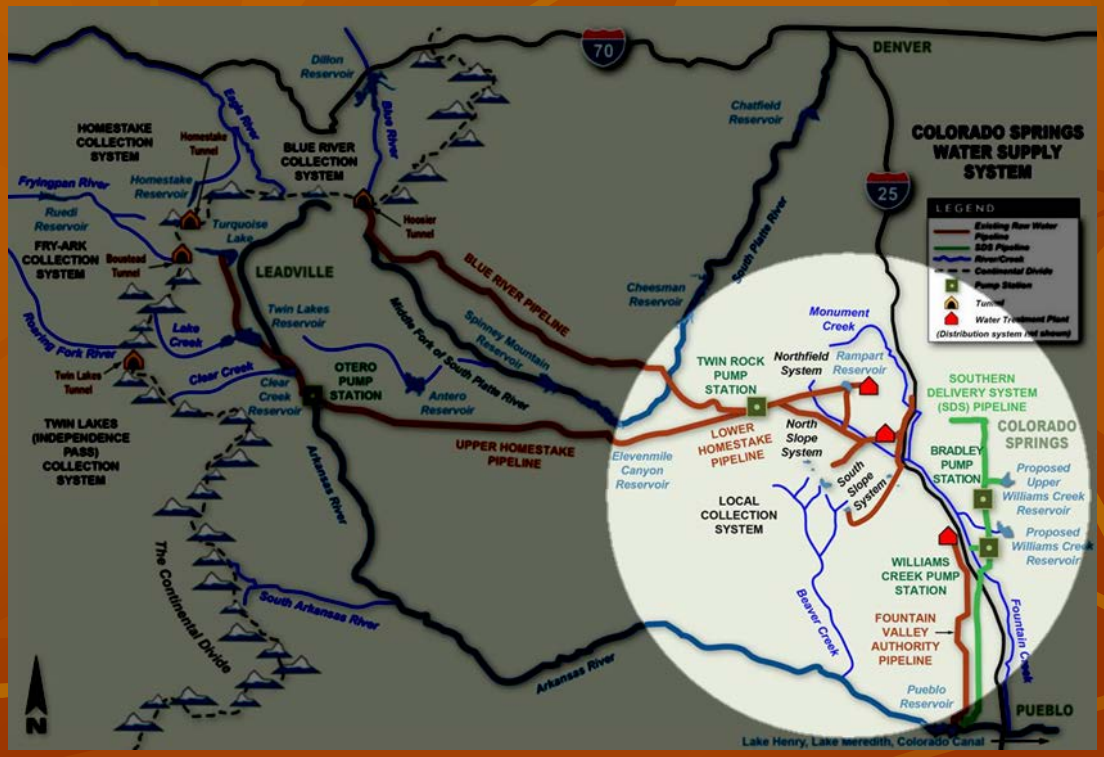
- There are reports and warnings of sensitization, the bodies immune response to an allergen
- Again if your allergies are acting up at the time of the spray, your bodies response to Foray 48B can be heightened causing a worse than normal reaction
- In one case a farmer developed a corneal ulcer after having Foray 48B splashed into the eye

Corneal Ulcer

Spray Drift and Forecasting

- Spray drift can travel up to 25km from intended spray area
- The city has stated that it will have a close relationship with the meteorologists to know air currents, weather, convection, etc.
- Meteorologists didn't do so well predicting the Waldo Canyon fire jumping canyons and eventually taking out over 300 homes
- Do we want to trust them in forecasting the weather when a possible toxic pesticide is being applied?

Water Supply Peril



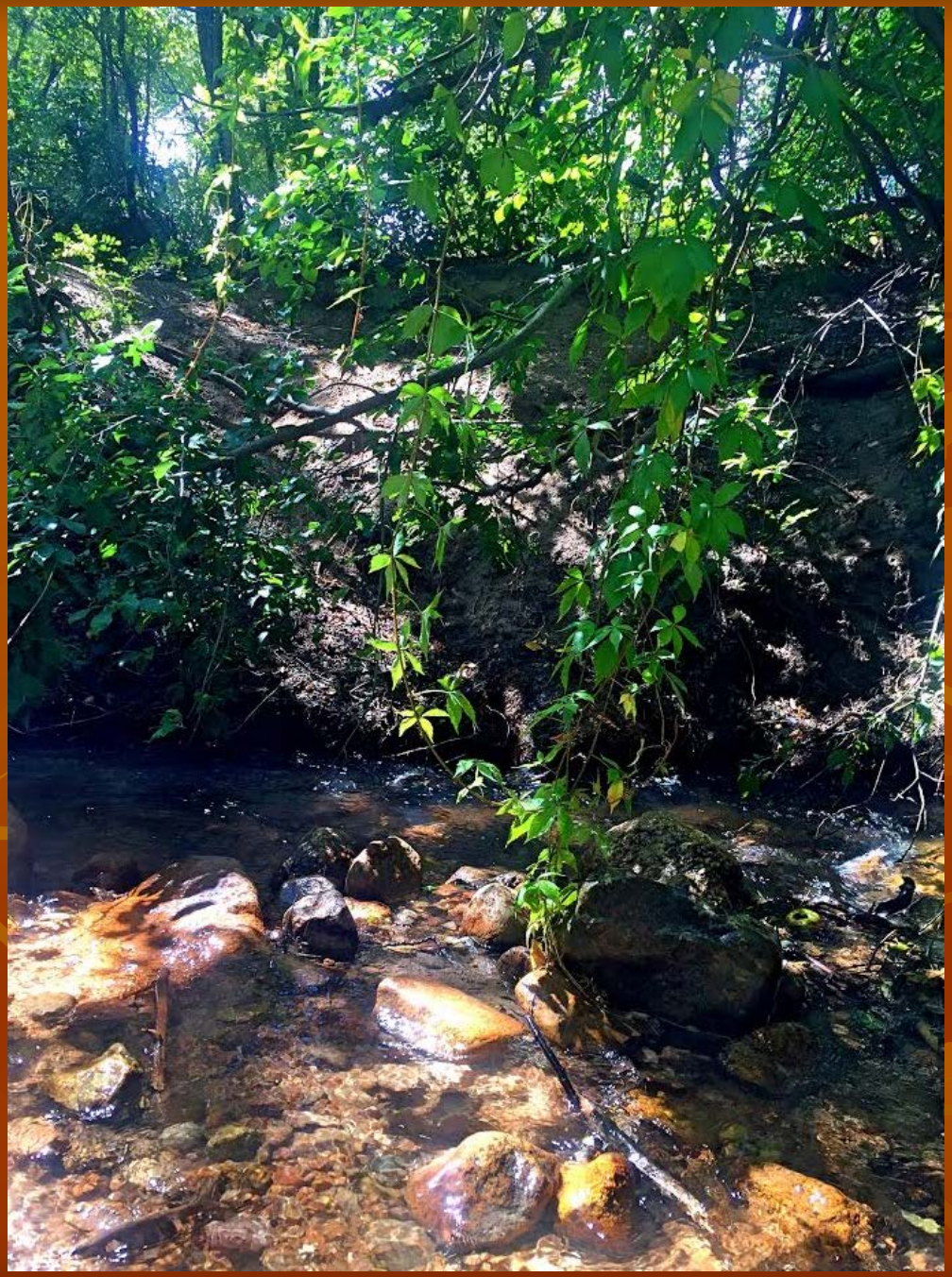
- Spraying will occur over 25%-50% of the cities drinking water supply
- Though the label states that it can be sprayed over water if there is proper canopy cover, not all surface water in the spray areas have “proper” canopy cover

Wildlife Impact

- One of these areas is in Bear Creek where the endangered Greenback Cutthroat Trout resides
  - Though it is said to be safe for fish there are no long term studies supporting this
- The Colorado State insect, the Colorado Hair Streak Butterfly, has been spotted in proposed spray areas
  - The larvae stage of this butterfly has not been determined
  - All other butterflies in the larvae stage can, and most likely will be eradicated

Other Solutions

- Introduction of sterile moths
  - https://www.youtube.com/watch?v=GZp1HY_SXz4
- Tree Wrapping
- Mass Collection
- **Stop trying to play God and let Nature run her course**



The End

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Little Mesa Tank Replacement Project

Melanie Jollett, PE
Steve Rodriguez

January 14, 2015

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Background

Little Mesa Tank Replacement

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Background

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Background

Existing Tank Summary	
Description	Only storage for the LOLN pressure zone
Material	Steel
Tank Capacity	5 MG
Tank Height	32 ft

Tank must be replaced for the following reasons:

1. Storage must be available for the LOLN pressure zone
2. Lower cost long-term to replace the tank over repairing tank

Little Mesa Tank Replacement

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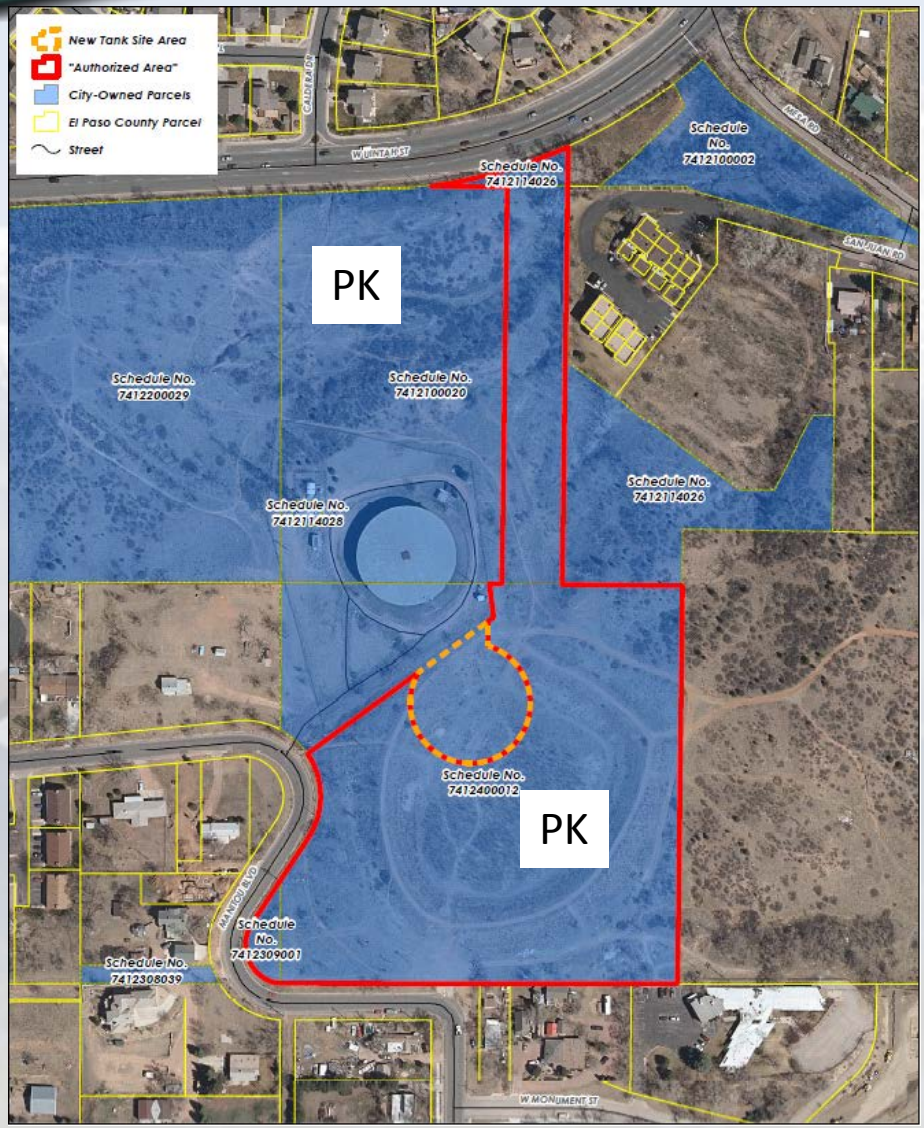
Proposed Tank Location



-Proposed site is zoned PK
-In the process of rezoning to PF
-Rezoning the entire property to PF; Parks can use property zoned as PF
-Development Plan and Plat have been submitted to the City

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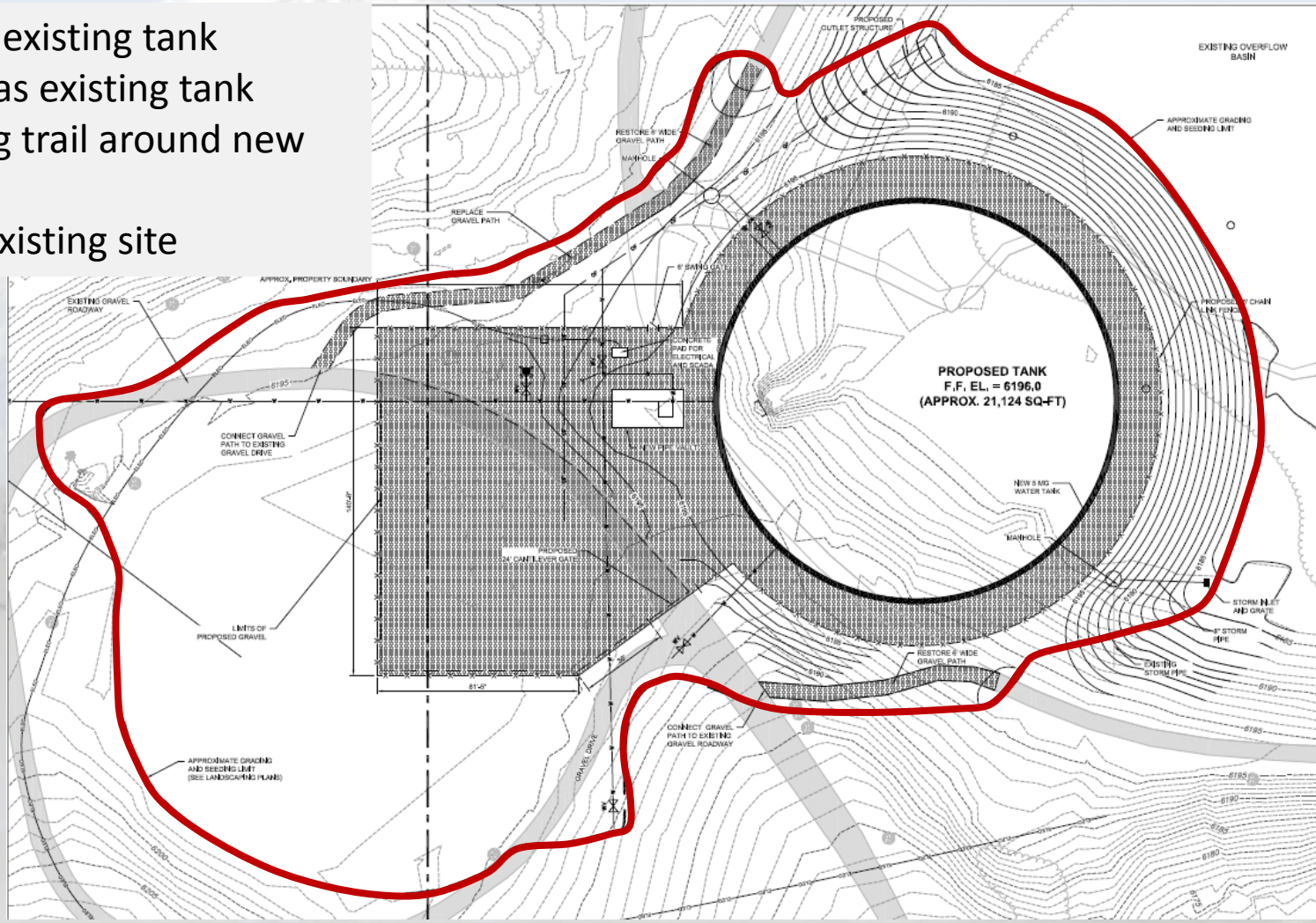
Proposed Tank

-Located adjacent to existing tank
-Utilize same access as existing tank
-Re-route the existing trail around new tank site
-Partial clean-up of existing site



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Proposed Tank – Low Rise Dome

LITTLE MESA TANK REPLACEMENT
MODERATE LOW DOME TANK

New Tank Summary	
Material	Prestressed Concrete Tank
Tank Capacity	5 MG
Tank Height: •Low Rise Dome	 50.08 ft

*Low Rise Dome Tank – Easier Maintenance
*Low Rise Dome Tank ~18 ft Taller Than Existing Tank

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Proposed Tank

New Tank Project Schedule		
Task	Start Date	Completion Date*
Zone Change	August 2015	April 2016
DB Procurement	October 2015	December 2015
Design/Construction -Design -Front End Sitework -Tank Construction -Back End Sitework	January 2016 January 2016 April 2016 June 2016 December 2016	January 2017 June 2016 May 2016 December 2016 1st Quarter 2017
*Estimated Completion Dates		

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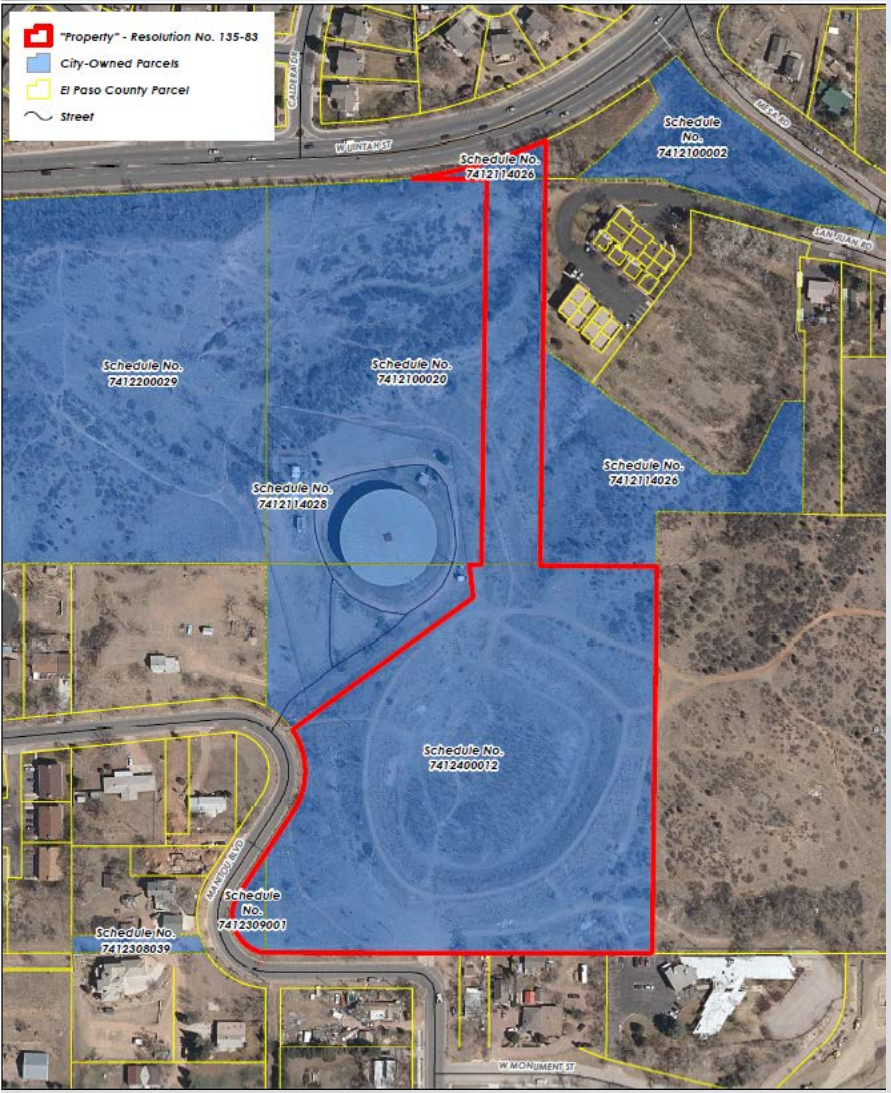
New Executive Agreement



-City is the owner in fee for blue shaded area
-CSU tank site
-City Council Resolution 135-83 – Parks accepted responsibility for supervision and maintenance of a portion of this Property.
-Intended Parks use was a trail connector and soccer complex. Parks has determined that it no longer intends to develop a soccer complex.

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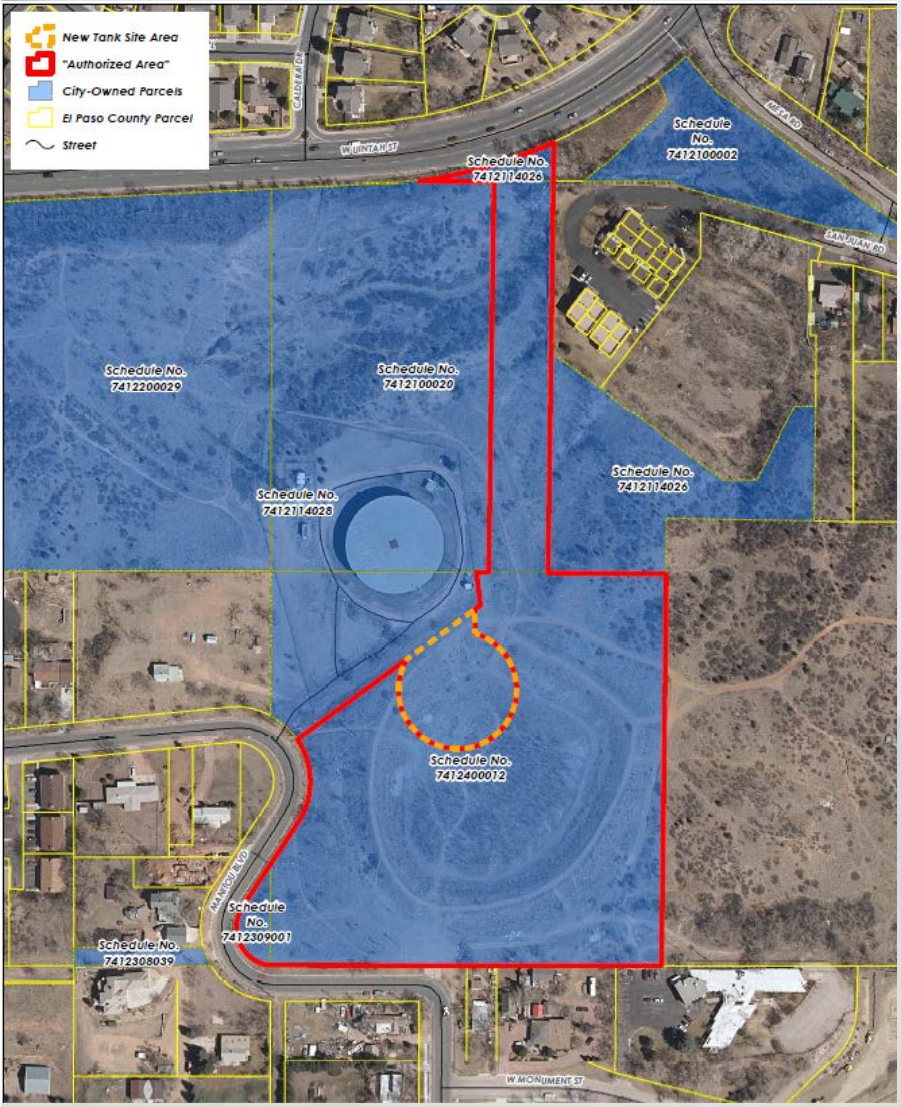
New Executive Agreement



- CSU desires to construct the new Little Mesa Tank on the Property as shown.
-The new tank will foreclose the use of the Property as a soccer complex and will require some rerouting of the trails.
-The City does not intend to create an easement or change the Controlling Department, but rather to modify the areas of the supervision and maintenance responsibilities.
-Parks will be responsible for supervision and maintenance of the “Authorized Area”, and shall no longer be responsible for supervision and maintenance of the “New Tank Site Area”.

Little Mesa Tank Replacement

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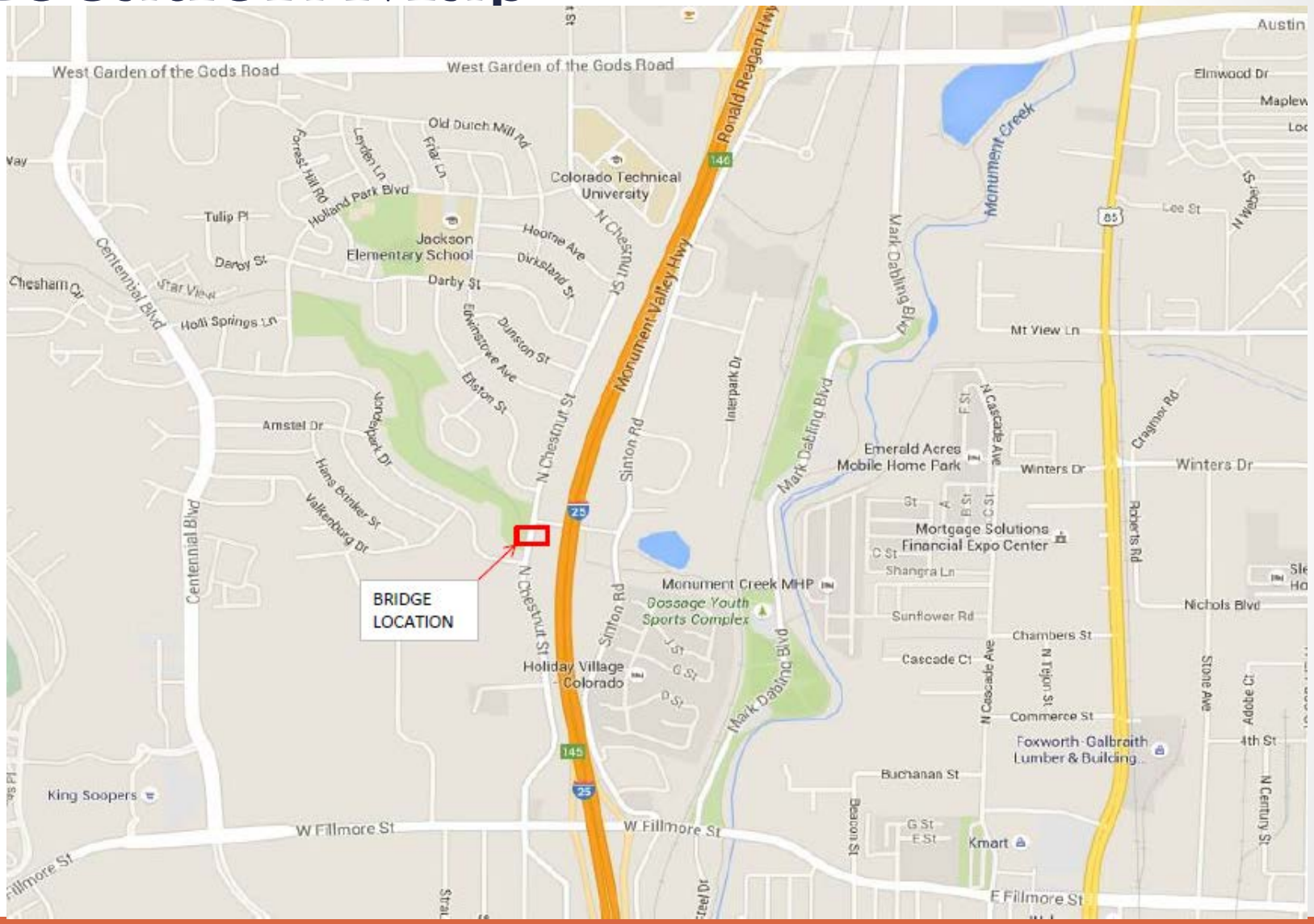
Questions?

Chestnut Street over South Douglas Creek Bridge Replacement

January 14, 2016

Aaron Egbert, PE - Senior Civil Engineer
Alex Pellegrino, PE – Civil Engineer

Location Map



August 10, 2015 Storm Event

Before

During

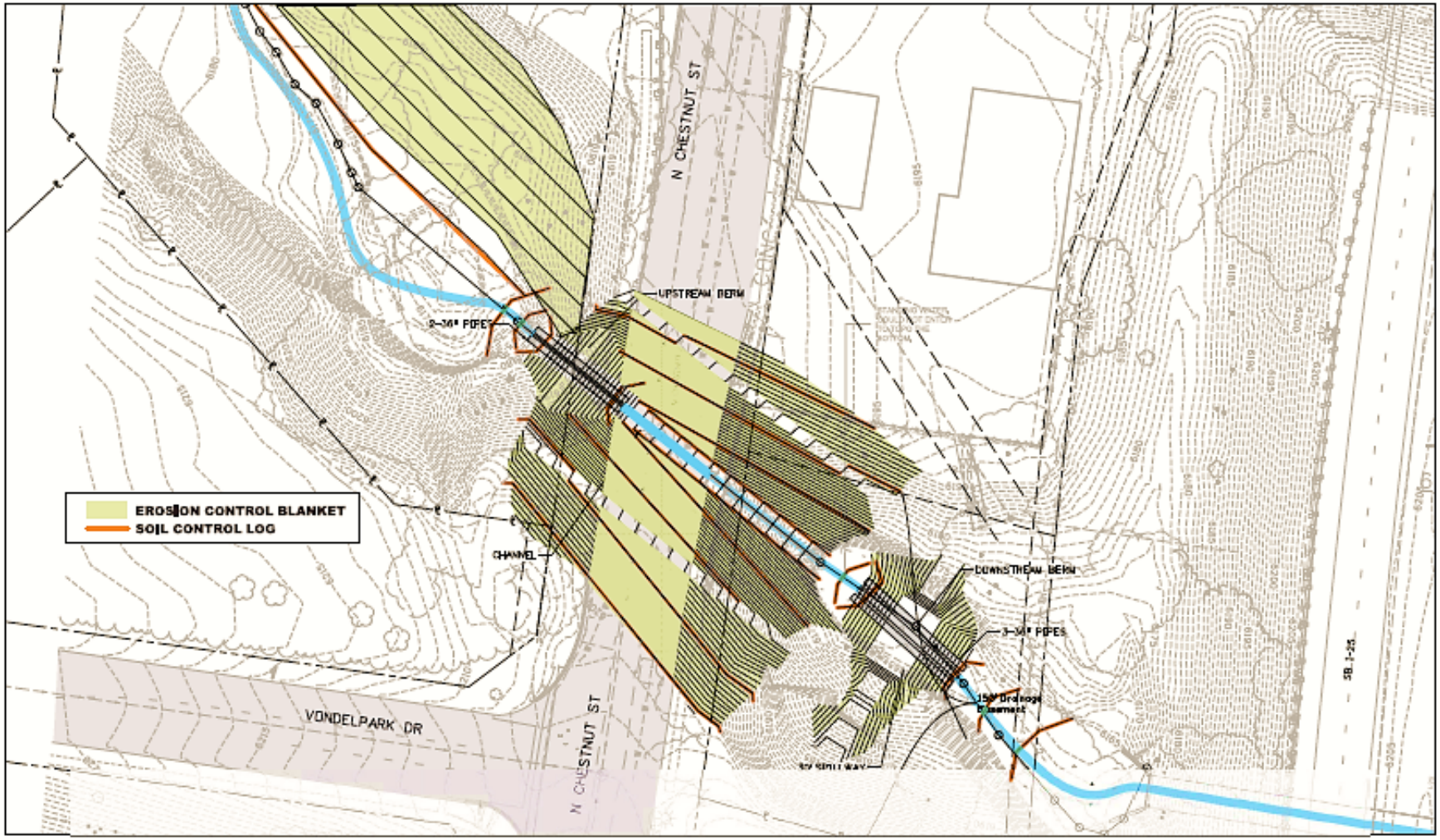
August 2015 Culvert Failure

Exposed Utilities

Culvert Outlet

Collapsed Culvert

Stabilization Plan



Stabilization

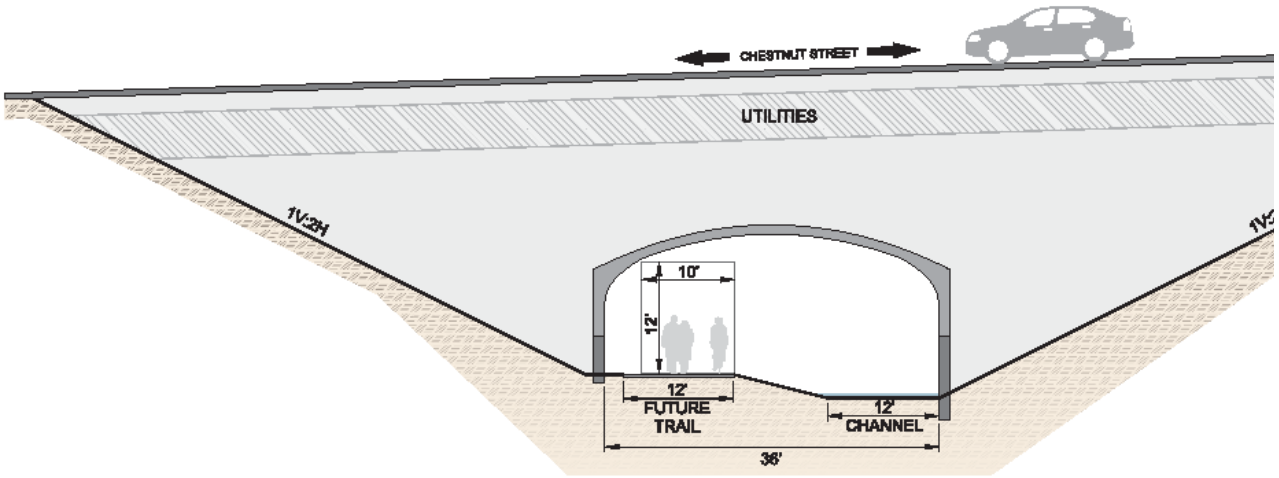
Bank Stabilization

Sediment Basin

Bank Stabilization

Seed Blankets

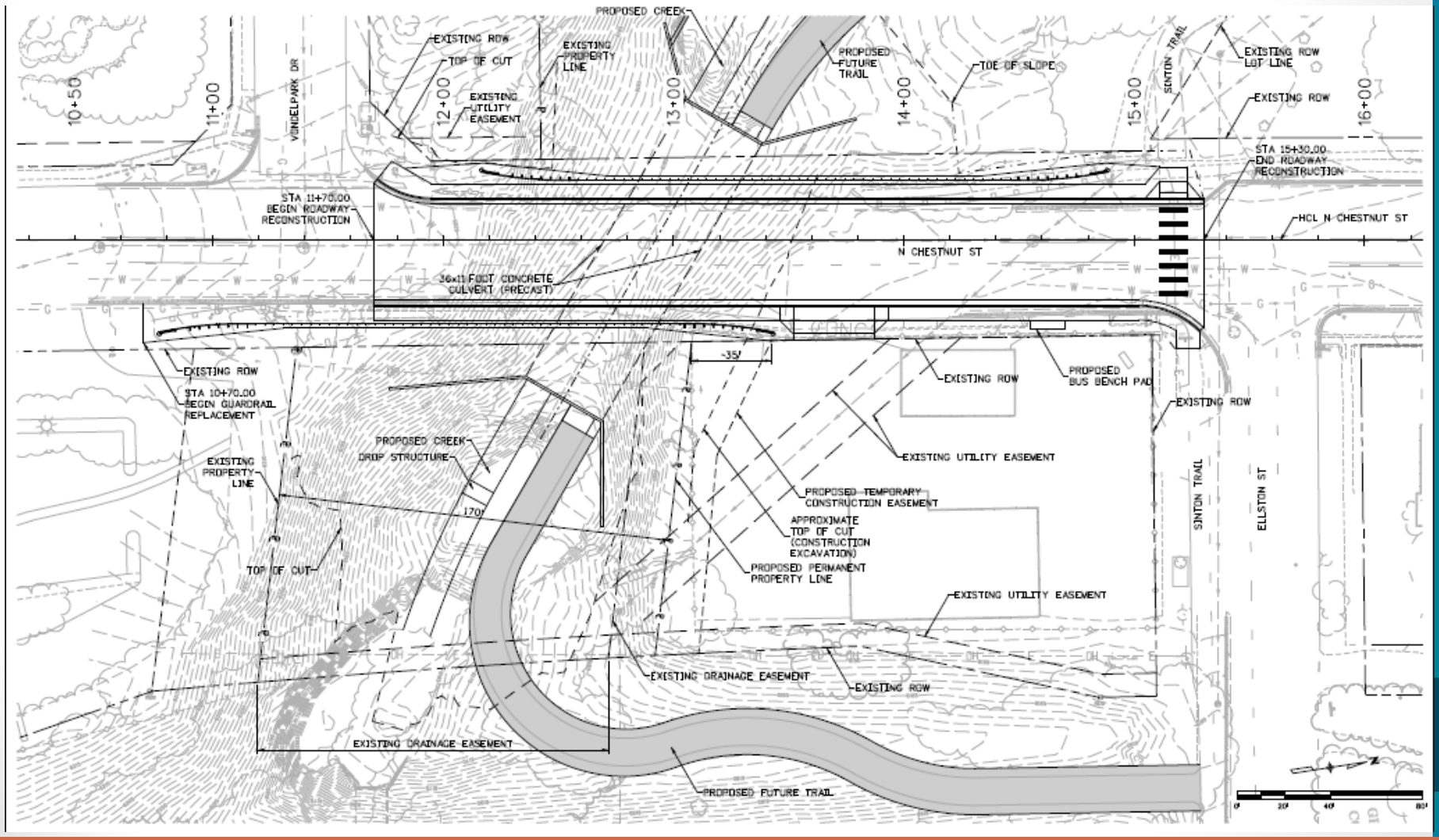
Selected Alternative



PRECAST CONCRETE ELLIPTICAL ARCH BRIDGE
(LOOKING EAST)

Proposed Trail Realignment

Proposed Future trail



Example Structure – Sinton Rd.

Questions?

TOPS Stewardship 2016

Taking Care of our Amazing Places

CITY OF COLORADO SPRINGS

TOPS Stewardship Proposal (Original)

Category	**Staffing**
Ranger Program	Seasonal Rangers & Full-time Ranger
Education	Seasonal Interpreters
Land Management	Seasonal Maintenance Technicians + contracts
Resource Management	Contracted crews

TOPS Stewardship - Contracted Services

Resource Management

- Seasonal crews – trails & rehabilitation – RFP pending
- Weed control contracts – weed contractors and MHYC
- Forest Management – managed by City Forestry

Land Management

- Port-a-let cleaning (increased frequency)
- Law Enforcement – weekends/off-duty

Education

"Emphasis on leveraging existing resources, telling the story, and having a presence."

- A comprehensive interpretive plan requires adequate time for research and development.

- Goals for 2016
  - Gather known resources on TOPS Properties.
  - Identify gaps in existing knowledge.
  - Determine ultimate goals of the program.
  - What is "our story"? Develop interpretive themes.
  - Begin program and product development.

TOPS Stewardship Staffing -Revised Proposal

Ranger Program:

- Seasonal Park Rangers
  - Presence, and skills to connect visitors to the resource and inspire public stewardship
- Supervised by full time Ranger with supervisory authority

Land Management + Resource Management:

- Seasonal Maintenance Technician -> “Conservation Aide”
  - Duties extend beyond regular maintenance, assisting with some aspects of Resource Management

Seasonal Work Experience Program

Ranger Program

"Emphasis on having a presence at our open spaces, safety, public awareness and soft enforcement."

- More staff → Need for supervisory structure →

  Supervisory Ranger

- Seasonal Park Ranger
  - Works to ensure safety and comfort of all visitors through voluntary compliance / soft enforcement.
  - Effective "soft enforcement" requires excellent customer service skills
  - Authority of the Resource Technique

Seasonal Park Ranger Duties

- Orient park visitors to features and amenities.
- Educate park visitors about regulations and conservation principles.
- Evaluate and improve messaging to increase compliance and enhance the visitor experience.

Land + Resource Management

"Provide improved maintenance of our existing open space improvements…"

+

"Improve and protect natural resource values on TOPS Open Space"

- Seasonal Conservation Aide
  - Completes all regular maintenance activities
    - Restrooms, trash, fence repair, aesthetic mowing
  - Supports Resource Management contractors through data collection and mapping, assistance with large projects, mowing and pulling weeds to complement pesticide application activities.

Conservation Aide Duties

- Facility maintenance (trash, parking areas and trailheads, restrooms, mowing)
- Data collection – weed mapping and trail assessment
- Noxious weed control
- Basic trail maintenance and assistance with large projects
- Boundary management and maintenance

Proposed Seasons

Seasonal Park Ranger

- Summer:
  May – August
  Several positions

- Extended Summer/ Lead:
  April – October
  1 position

Conservation Aide

- Summer:
  May – August
  Several positions

- Extended Summer/ Lead:
  April – October
  1-2 positions

- "Off Season"
  1-2 positions

Sample Budget Worksheet - Seasonal Staff

Position	Hourly Wage	Start/End Dates	No. Weeks	Hrs/wk	Total Hours	Positions	Total Salary	Projected Total Expense (Salary x 1.18)
Long term summer/Lead	$12.00	April 11 - October 14	27	40	1080	1	$12,960	$15,293
Short term summer	$10.00	May 9 - August 19	15	40	600	4	$24,000	$28,320
Winter-Spring	$10.00	January - March	12	20	240	2	$4,800	$5,664
Fall-Winter	$10.00	September - December	15	40	600	2	$12,000	$14,160
Total Expenses from "Seasonal Maintenance Staff" Category							$53,760	$63,437

Training and Onboarding

- Minimum one week of formal training may include:
  - Customer service and voluntary compliance
  - Trail building and maintenance
  - Tool safety
  - Data collection methods and GPS use
  - Principles of interpretation and interpretive techniques
  - First Aid and CPR certification
  - Noxious weed identification and plant ecology
  - Situational awareness
  - Department and Division mission and goals
- Tour of properties
- Close supervision for first month of employment

Sample Time Reporting Form

TOPS Stewardship Staff - Time Reporting

Name:	Date:	Supervisor's Initials:

Time	Property	Activity	Notes / Incidents

Additional Notes:

Material Support

- Transportation (vehicles, maintenance, and fuel)
- Uniforms
- Personal protective equipment
- Training materials
- Additional power tools and supplies
- Computer work stations
- Use of GPS units
- Additional office supplies

- Supplies for trail and rehabilitation projects
  (Resource Management materials)

Recruitment

- Local colleges and universities
  - Paid internship with potential to earn credit
  - Attend career fairs
  - Visit related classes and/or recruit through staff
- City website/local advertisements
- Environmental and outdoor job search websites

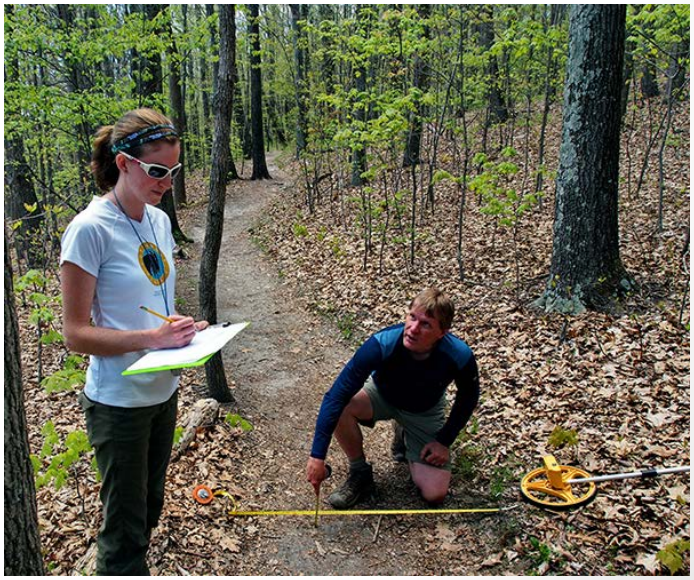
College students are the target audience but any applicant who meets the minimum requirements will be considered.

Program Outcomes

Capstone Project

- Individual or small group
- Serves as final evaluation for students seeking credit

- Potential project types:
  - Research study: Environmental
    - Sustainable trail design
    - Effectiveness of restoration methods
  - Research study: Social/human dimensions
    - Visitor survey
    - Observational study
  - Design project
    - Interpretive sign(s)
    - Educational video



Benefits to Employees

- Customer service experience and training
- Knowledge of appropriate use and maintenance of a variety of hand and power tools
- Knowledge of flora in Colorado Springs, with particular emphasis on noxious weeds
- Outdoor leadership
- Experience working with trail crew and volunteers
- Familiarity with GPS and GIS
- First Aid and CPR certification

Benefits to Parks Department

- Increased awareness and documentation of resource and visitor use issues
- Increased presence and visitor education
- Increased compliance with park policies
- Complete noxious weed maps for all TOPS properties
- Complete trail maps / assessments for TOPS properties
- Top-quality appearance of all park trailheads, parking areas and road frontages

I-25/Cimarron Interchange
DESIGN-BUILD PROJECT
COLORADO DEPARTMENT OF TRANSPORTATION

Project Update

Gabi Johnson
Kraemer Public Information

January 2016

Current Construction Activity

- Utility relocations and wall work
- East side of I-25 near Cimarron/US 24 clearing
- Embankment work
- Beginning phases of I-25 and US 24 bridge work

US 24 bridge over Fountain Creek

Bear Creek Box Culvert

October 2015

November 2015

60-inch Storm Sewer Under I-25

August 2015

Southbound Off- Ramp

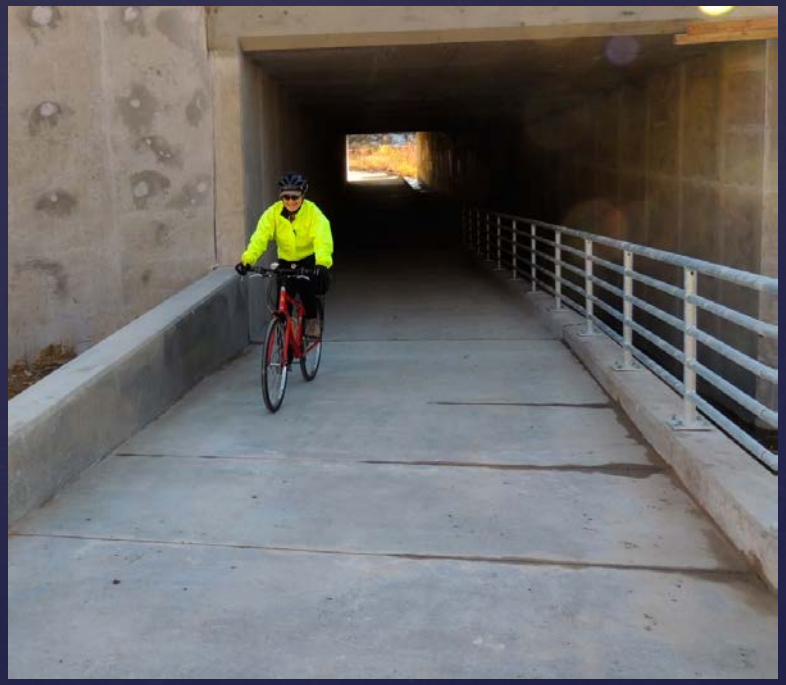
November 2015

Upcoming Construction

- Phase I to begin this spring requiring traffic impacts
- Concrete plant
- Relocation of VMS boards
- Intermittent closures for bridge work

Trail Improvement Update

- Bear Creek Trail – opened in November, work continues on east side
- Pikes Peak Greenway Trail – to open end of February 2016
- Midland Trail –realigned along Fountain Creek



Interactive Sign

- Goal: to generate knowledge and awareness about different elements of construction used throughout the I-25/Cimarron project.
- Installation as early as this spring
- Proposed sign location - America the Beautiful Park

I-25/Cimarron Interchange
DESIGN-BUILD PROJECT
COLORADO DEPARTMENT OF TRANSPORTATION

Interactive Sign Mock-up

Rebar sample

Write up on rebar

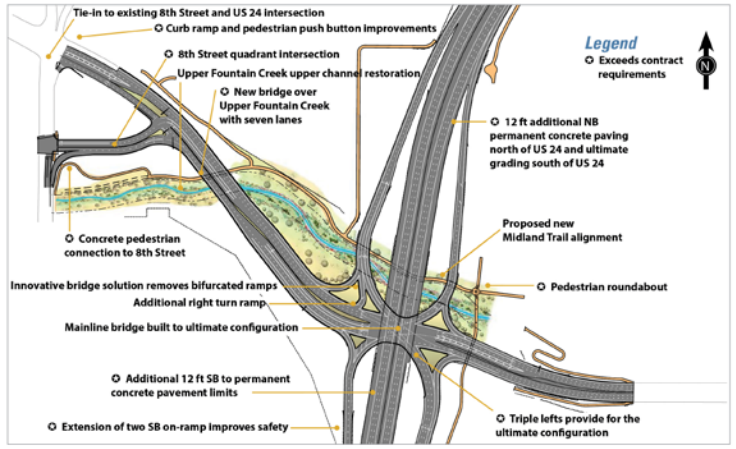
Concrete sample

Write up on concrete

Dirt sample

Write up on dirt/em-bankment

I-25/Cimarron Interchange Project



This photo illustrates the final alignment of Colorado Department of Transportation's (CDOT) I-25/Cimarron Design-Build Interchange Project, lead by Kraemer North America LLC.

Write up on conduit

Write up on wick drains

Write up on crane

Electrical conduit sample

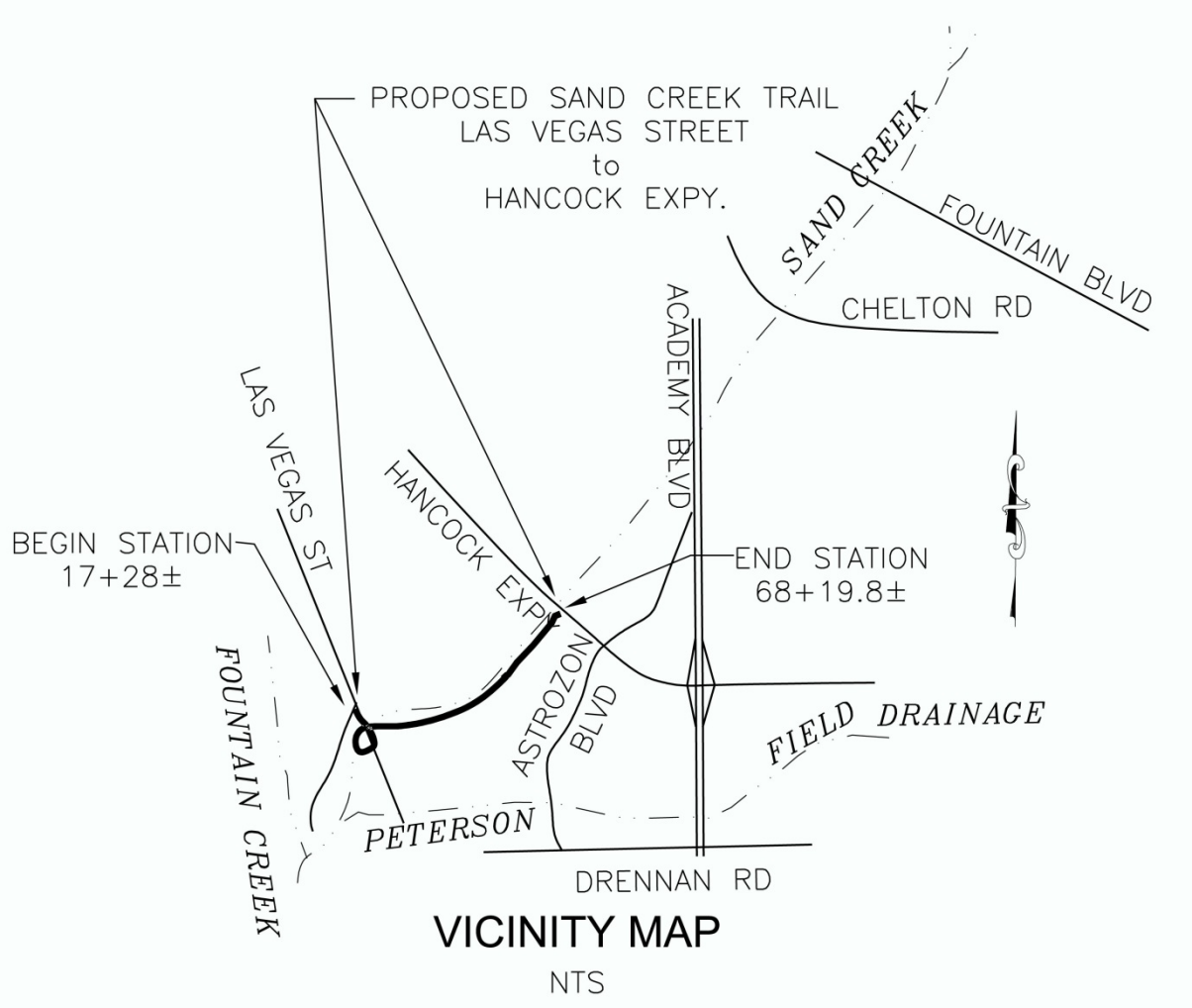
Wick drain sample

Crane photo

Sand Creek Trail: Las Vegas to Hancock

Steve Bodette
Parks and Recreation Advisory Board
January 14, 2016

Site Map



CITY OF COLORADO SPRINGS

Sand Creek Trail

Sand Creek Trail

Before

After

Design & Development

Completed projects from 2015

D&D Staff

Chris Lieber

Kate Roppel

Jake Butterfield

Steve Bodette

Connie Perry

David Deitemeyer

Sarah Bryarly

Kelly Malone

Community park projects

- ATB Creekside
- Memorial Park Skateboard Park concrete addition
- Monument Valley Pickleball Courts resurfacing
- Rampart Park disc Course
- Rampart Park Improvements
- Velodrome Roof Structure at Memorial Park
- Fire Fighters Memorial Coordination

Creekside at America
the Beautiful

Trails

- Cottonwood Trail @ Austin Bluffs & Woodmen Phase 1
- Cottonwood Trail @ Cottonwood Park
- Midland Trail Drainage Improvements at Ridge Road
- Midland Trail Pedestrian Bridge at 31st street
- Muscoco Trail
- Popcycle Bridge
- Rock Island Trail Corridor Acquisition
- Sand Creek Trail- Stetson Hills to Dublin Road Construction
- Skyline Trail Bridge at Trafalger
- Numerous Trail Designs & Easement Acquisitions

Muscoco Trail

FEMA 2013

- Pikes Peak Greenway North Cheyenne Canon Roadway ditch North Cheyenne Canon Road at Creek slope
- 905 Cheyenne Rd Harlan Wolfe
- 915 Cheyenne Rd Harlen Wolfe
- Beidlemann Center Footbridge Pikes Peak Greenway – Ped Bridge South of Polk St
- City Auditorium, Hillside C.C., Meadows Park C.C., Parks Admin Maintenance 1413 Recreation Way, Parks Admin Office 1401 Recreation Way, Park Admin Maintenance 1421 Recreation Way, Rock Ledge Ranch Historic Site, Orchard House, Pioneers Musuem
- Debris – Alternative Procedures
- Debris – Alternative Procedures (85%)
- Debris Removal 31-90 days (80%)
- Debris Removal 91-180 days (75%) Amendment
- Donated Resources, Volunteer Trail Work – CAT B
- EPM – City Wide
- Garden of the Gods – Scotsman Picnic Area, Midland Trail- West Bridge at Vermijo Park
- Julie Penrose Fountain

FEMA 2013

- Manitou Incline
- North Cheyenne Canon- Culvert at CSU intake
- North Cheyenne Canon- drainage at Canyonwood
- North Cheyenne Canon – Mt. Cutler Bridge
- North Cheyenne Canon – S Canon slopes
- North Cheyenne Canon- South Asphalt
- North Cheyenne Canon- Asphalt patch and swale
- Palmer Park- Roads, picnic areas, fields
- Palmer Park North Canon Trailhead
- Playgrounds: Palmer Park, Meadows, Quail Lake, Ivywild, Smith, Glen Oaks, Broadmoor Valley, Adams, Van Diest, Gold Camp, Henry, Deerfields, Broadmoor Bluffs
- PPGW South Nevada to Circle
- Quail Lake Maintenance, Bear Creek Canon, Gossage parking lot/drive
- Red Rock Canyon Open Space-wall near pavilion
- Sand Creek Trail (North Section)
- Stratton Open Space-Drainage structures
- Trails: North Cheyenne Canon, Red Rock Canyon O.S., Blodgett Peak O.S., University Park-Austin Bluffs O.S., Sonderman, Stratton O.S., Garden of the Gods, Palmer, Ute Valley

FEMA 2015

- Cheyenne Meadows Park
- El Pomar Youth Sports Complex Ball Fields
- El Pomar Youth Sports Complex Fencing
- Foothills Trail in Garden of the Gods and Dakota Trail
- Monument Valley-Trail damage
- Multiple playgrounds in neighborhood parks
- Palmer Park
- Quail Lake Soft Surface Trail Damage
- Rampart Park – BMX parking lot
- Red Rock Canyon Entry Road and Drainage Repairs
- Red Rock Canyon O.S.- Debris Removal
- Red Rock Canyon O.S. Emergency Measures
- Sand Creek Trail at South Chelton
- Village Green

Foothills Trail realignment
to Garden of the Gods

CITY OF COLORADO SPRINGS

Neighborhood Parks

- Flood Damage Repair – Harlan Wolfe Demolition
- Meadowlark Playground Improvements
- Monterey Playground Improvements
- Lulu Pollard Playground Improvements

Meadowlark Playground

Regional Park

- Flood Damage Repair – High Drive
- Flood Damage Repair – High Drive – 2013
- Rockledge Ranch Windmill Coordination
- South Canyon Trail

South Canyon Trail
North Cheyenne Canyon

Open Space

- Blodgett Peak O.S. Trail Connector
- Ute Valley Park Master Plan
- Stratton Preserve Trail Connection
- Red Rock Canyon Trail Projects
- Section 16 Trailhead
- Numerous Volunteer Projects

Stratton Preserve Trail

Facility

- Deerfields C.C. Shade Structure
- Roof Repair – 1413
- Roof Repair – 1417
- Roof Repair – 1421
- Roof Repair – Cemeteries
- Roof Repair – GOG Caretaker House
- Roof Repair – Memorial AFC
- Roof Repair – Quail Lake HQ Barn

Deerfield Hills Shade Structure

Others

- Woodmen Median Improvements
- El Pomar Disc Golf Course
- City Wide Flood Damage Repairs – 2013 – Misc. Projects

Aviary Disc Golf Course at El Pomar

Projects to look forward to in 2016

- America the Beautiful Playground Resurfacing
- City Auditorium Restrooms
- Cottonwood Creek Trail – Vincent Grant
- Cottonwood Trail at Union
- Nancy Lewis Park – Hospice Wall
- Nancy Lewis Park Improvements
- Sand Creek Trail – Constitution to Palmer Park
- Sand Creek Trail – Hancock Crossing
- Sand Creek Trail – Las Vegas to Hancock
- Rock Island Trail Renovation
- Skyline Trail Renovation