



Jamestown Community Meeting

April 14, 2015



Tonight's Agenda

- Water System Update
- Volunteer Update
- Rebuilding Projects
- Garden Project
- Public Lands
- Donations
- Long-Term Recovery Plan Update & Acknowledgements
- Water System Upgrades Update (DOLA Grant)
- Water System Resiliency Project Update (CDPHE)
- Gillespie Gulch Update (FEMA/CDBG-DR)
- Andersen Hill Project Overview (FEMA/CDBG-DR)
- Irrigation Ditch Update (FEMA/CDBG-DR)
- Other Updates



Water System Update

- Issue: filter effluent turbidity is higher than previous years
 - **Turbidity** is the cloudiness or haziness of a fluid caused by large numbers of individual particles that are generally invisible to the naked eye, similar to smoke in air. The measurement of turbidity is a key test of water quality.
 - Important because turbidity can shield microorganisms from disinfection and used as an indicator for particle removal.
 - State regulation is > 1.5 NTU.
 - *No water has been put into the system that is not in compliance with State regulations.*
- Treatment Challenges:
 - Watershed is different than pre-flood
 - Pre-treatment infrastructure is still under construction
 - New sand filters are not as biologically mature



Water System Update

- Immediate Precautionary Steps
 - Took filters offline and stopped delivering water into the system
 - Trucked water from Boulder
 - Cleaned and ripened filters 2 weeks
- Intermediate Precautionary Steps – when turbidity is ≥ 1.0 and < 1.5
 - Begin delivering water into the system
 - Increasing residual disinfection levels from 1.2 mg/L to 2 mg/L
 - To ensure inactivation of giardia, Ecoli, viruses
 - Adding post-filtration cartridge filter
 - To ensure removal of cryptosporidium
- Long-Term Solutions
 - Pre-treatment infrastructure (roughing filter) online
 - Enhancing particle removal
 - Increasing the development of the biological filter layer (schmutzdecke)



Volunteer Update



- New MDS Project Director Alvin Graber will be with us for another month and hails from VA.
- MDS' steady Office Manager, Kent Grosh will be leaving on Thursday –
THANK YOU KENT for keeping the office running so smoothly!
- MDS volunteers typically are plentiful in the winter months and then taper off in the summer due to farming/construction season.
- If you have skilled work for MDS, please give us ample notice - the week prior works best.
- Habitat volunteers now in JT Wednesday, Friday and Saturday. MDS volunteers have taken on a few major projects in Boulder due to this switch in schedule and to keep their volunteers working.
- Habitat hosting Women's Build Week the first week of May for 4 days.



Rebuilding Projects

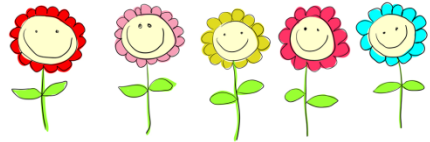
- Rick and Kael look like they might be able to move in by the end of the month!
- Carolyn's materials are set to be delivered May 1st. Look for some action beginning the last week of April to get her foundation established. Borkholder Construction (friends of MDS) will be coming to town to raise the roof!
- Mark & Adrienne's partial rebuild has been funded and seeing movement on design.
- Jyoti's is working with Habitat to design the repairs to her home.
- Matt & Julie are working with Habitat to design a home outside of the floodplain.





Garden Project

- Goal: to help creek residents prepare their properties for planting and assist in planting



- Scheduling Landscape Architects for two Saturdays in April and May for walk through's with creek residents. We will get you signed up as soon as we nail down dates.
- Work out the details of your design plan so you can be prepared for the consult.
- Garden group volunteers being scheduled for May and June.
- RETREET Tree planting weekend - June 20th & 21st. They will be coming to meet us at the end of April.



Public Lands

- Scheduling a walk through with US Forester Keith Woods to seek advice on how best approach the areas of town along the creek that we would like to encourage growth. Seeking info on tree and plant selection and any resources that may be available.
- Assembling Team Lorax to help put this into action. If you are interested, please talk to Nina or Oak.





Donations

Mountain Strong Merchandise

This wonderful, ongoing fundraiser has raised \$2,285 for Rebuild Jamestown so far!

Thank you so much Sandy Greathouse!!!





Long-Term Recovery Plan - Acknowledgements



By Jan Reed

The Plan is almost complete!

Jamestown Board of Trustees

- Tara Schoedinger, Mayor
- Julie Constantine
- Carolyn Donadio
- Chad Droste
- Vic Harris
- Ken Lenarcic
- Tim Stokes

Planning Advisory Team

- Marjo Curgus, Del Corazón Consulting, Facilitator

Town of Jamestown Representatives

- Julie Constantine, Trustee
- Ken Lenarcic, Trustee
- Mark Williams, Town Floodplain Administrator

Community Planning Group Chairs

- Cal Aston
- Barbara Byrnes-Lenarcic
- Nancy Edelstein
- Eric Flink
- Jeff Hohensee
- Matt Kohlhaas
- Jen Lucas
- Suzanne Marie
- Jan Reed
- Rainbow Shultz
- Mark Williams



Long-Term Recovery Plan - Acknowledgements

Advisors

- Andy Hill, CDO Program Manager, Colorado
- Department of Local Affairs
- Waverly Klaw, Long Term Recovery Planner,
- Colorado Department of Local Affairs
- Anne Miller, Senior Planner, Colorado
- Department of Local Affairs
- Thomas Rounds, AICP, LEED AP Community
- Planning Support, FEMA Region VIII
- Olivia D. Stinson, Recovery Specialist – Planning
- Division of Homeland Security & Emergency Management, Colorado Department of Public Safety

Community Planning Group Members

- Nina Andaloro
- Erika Archer
- Jackie Ashley
- Calryn Aston
- Clay Bedell
- Sterling Bennink
- Jill Bielawski
- Anne Breiler
- Mary Brown
- Craig Brown
- Mary Ellen Burch
- Jim Burleson
- Lucille Burleson
- Auguste Bussian-Watts
- Barbara Byrnes-Lenarcic
- Oak Chezar
- Michele Durant
- Nancy Edelstein

- Mike Fisher
- Eric Flink
- Patrick Griffin
- Kira Groves
- Matt Gurnsey
- Emma Hardy
- Anne Hasse
- Robert Hastings
- June Hill
- Jeff Hohensee
- Christy Howe
- JaVayne Jenkins
- BF Kenny
- Mike Kent
- Matt Kohlhaas
- Rebecca Lawrence
- Nancy Loving
- Roger Loving
- Kathleen Lowe
- Jen Lucas
- David Mans

- Sharon Mihalic
- Brian Morck
- Allan Mueller
- Debbie Neal
- Matt Ogsbury
- Suzanne Marie Opfer
- Randy Oxley
- Gay Paxton
- Jan Reed
- Rainbow Schultz
- Laura Scott
- John T. Watts
- Colleen Williams
- Laura Williams
- Mark Williams
- Cheyenne Wills
- Lynwood Wilson
- Community Planning Group Members

Thank You To The Entire Greater Jamestown Community!



Water System Upgrades Update (DOLA Grant)



Water System Upgrades – RG & Associates

Town Board awarded the Design & Engineering contract to RG & Associates

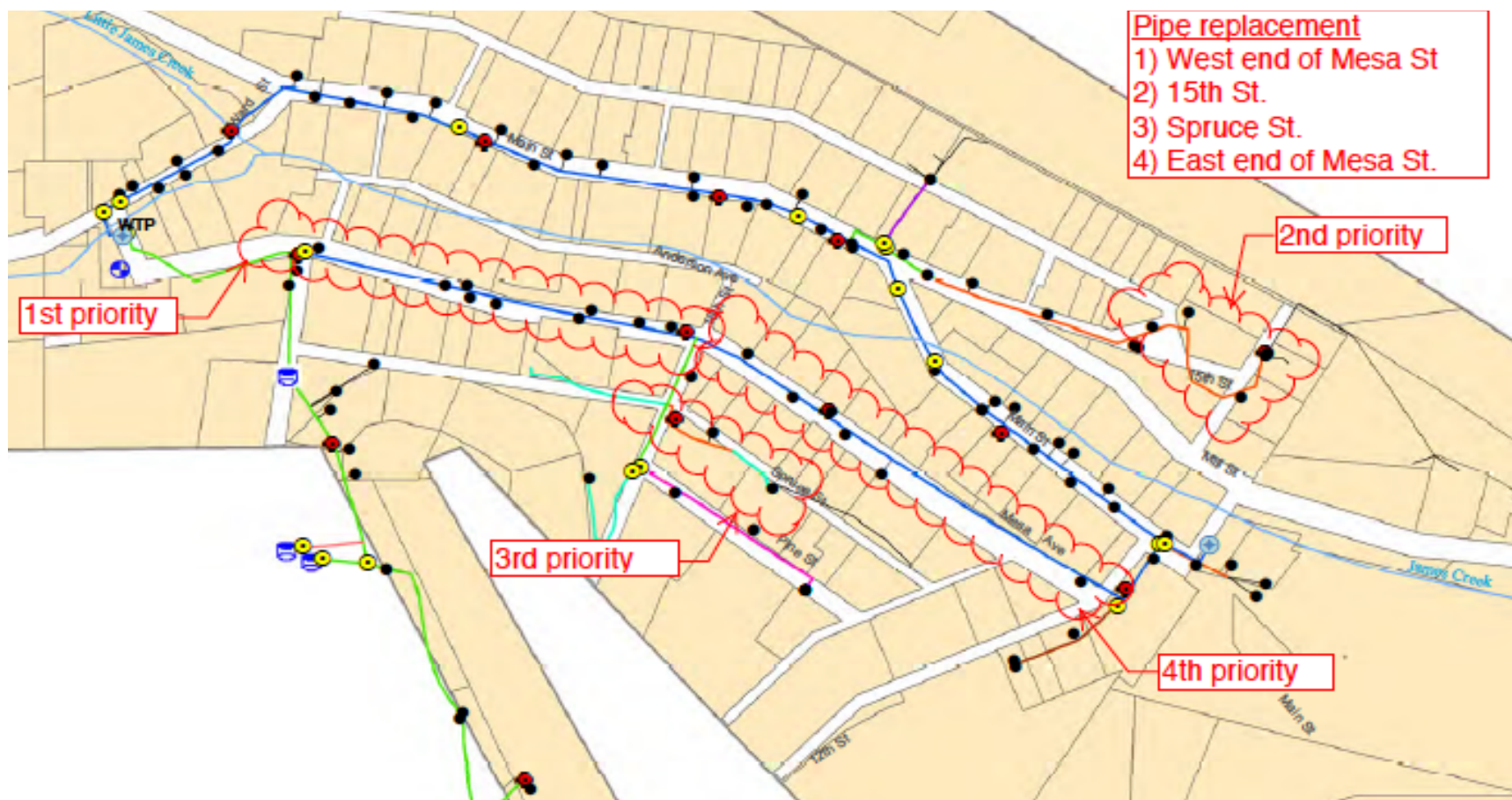
- Rick Goncalvas, President (and project manager for Jamestown!)
- Contract = \$75,830 for design and engineering

Scope of Work

- Distribution system
 - Water mains, valves, hydrants replacement
 - Service line re-connections
 - Storage tank inspection, repairs and upgrades
- Water treatment plant
 - High service pump switchgear
 - Treatment of filter washwater
 - Disinfection system SCADA integration
 - Corrosion control
 - Power conditioning



Water Main Upgrades





Water System Upgrades - Budget

Funding

DOLA Mineral Impact Grant	\$ 984,982
Boulder County Sustainability Grant	\$ 15,000
Donation ACE Engineering in-kind hours	<u>\$ 2,000</u>
Total funds	\$ 1,001,982



Water System Upgrades - Project Approach

- Jamestown Water Committee developed prioritized scope of work
- Consulting engineer's contract will be a Design To Budget
- Budget will be monitored throughout design and scope adjusted to accommodate
- If contractor bid varies from the engineer's estimate, project scope will be adjusted (either up or down)



Water System Upgrades - Schedule

	March	April	May	June	July	August	September
Consultant selection							
Engineering							
Bidding							
Mesa St. Construction							
Other construction							

Key Project Milestones	
30% Design	April 28
Initial meeting with residents	May 5 at 6pm & 7pm
90% Design	June 2
Second meeting with residents	June 6 at 6pm & 7pm
100% Design	June 9
Invitation to Bid	June 15
Notice To Proceed	July 21
Substantial Completion on Mesa St	August 18
Substantial Completion for Project	September 30



Water System Resiliency Project Update (CDPHE Grant)



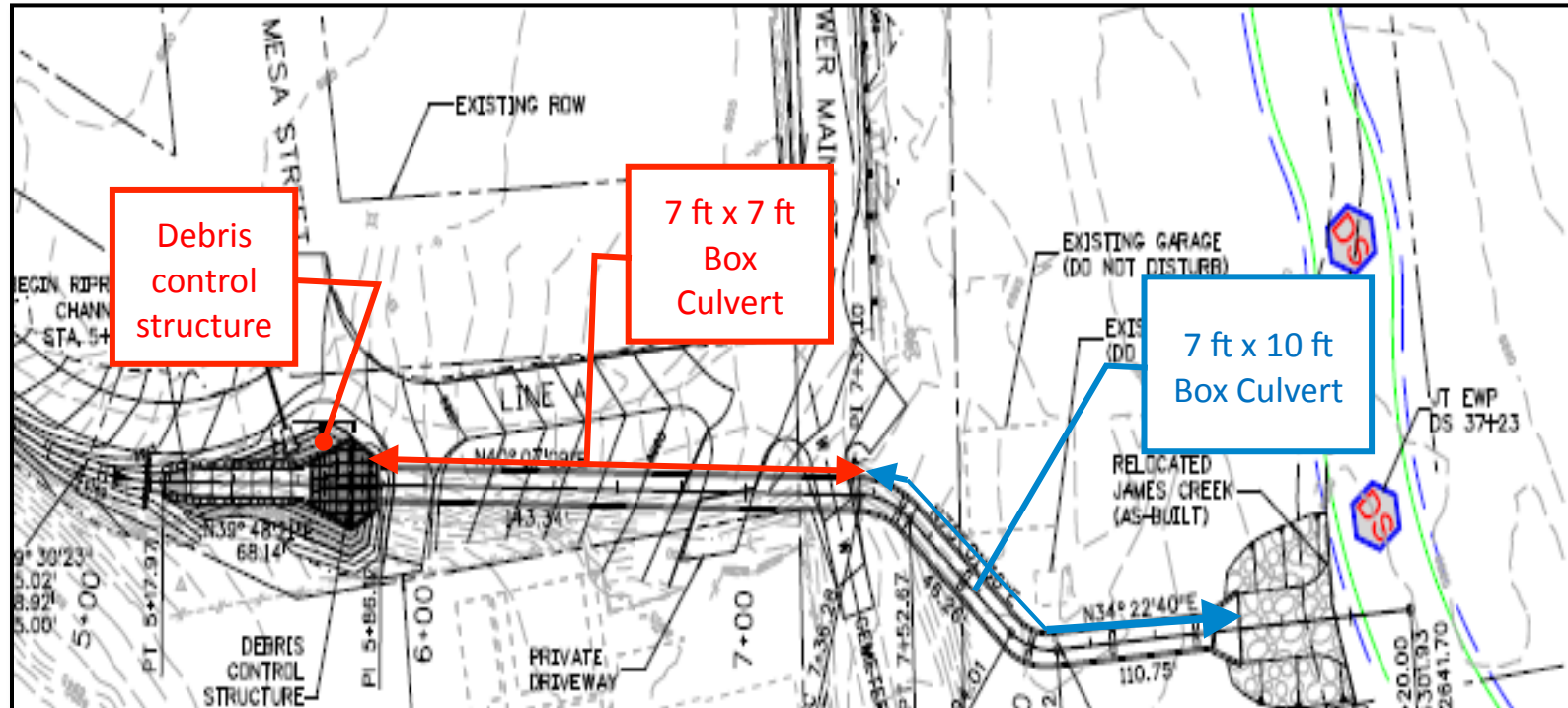
Water System Resiliency Project Update

- Project components:
 - Stage 1
 - Upgrades to existing infrastructure
 - Develop redundant water supply (deep wells)
 - Addition of a portable generator
 - Stage 2
 - WTP alarm and system communications
 - Installation of closed loop geothermal system at the WTP
- Schedule:
 - Contract with AMEC executed 4/13/15
 - Design and construction Spring 2015 thru May 2016



Gillespie Gulch Update (FEMA/CDBG-DR)

Gillespie Gulch Culvert – Design Features



Design Features

- 150 linear feet of 7 ft x 7 ft concrete box culvert with upstream debris control structure
- 123 linear feet of 7 ft x 10 ft concrete box culvert with energy dissipating baffles and removable top slab for cleanout access after major flood events



Example debris control structure



Gillespie Gulch Culvert – Project Schedule Update

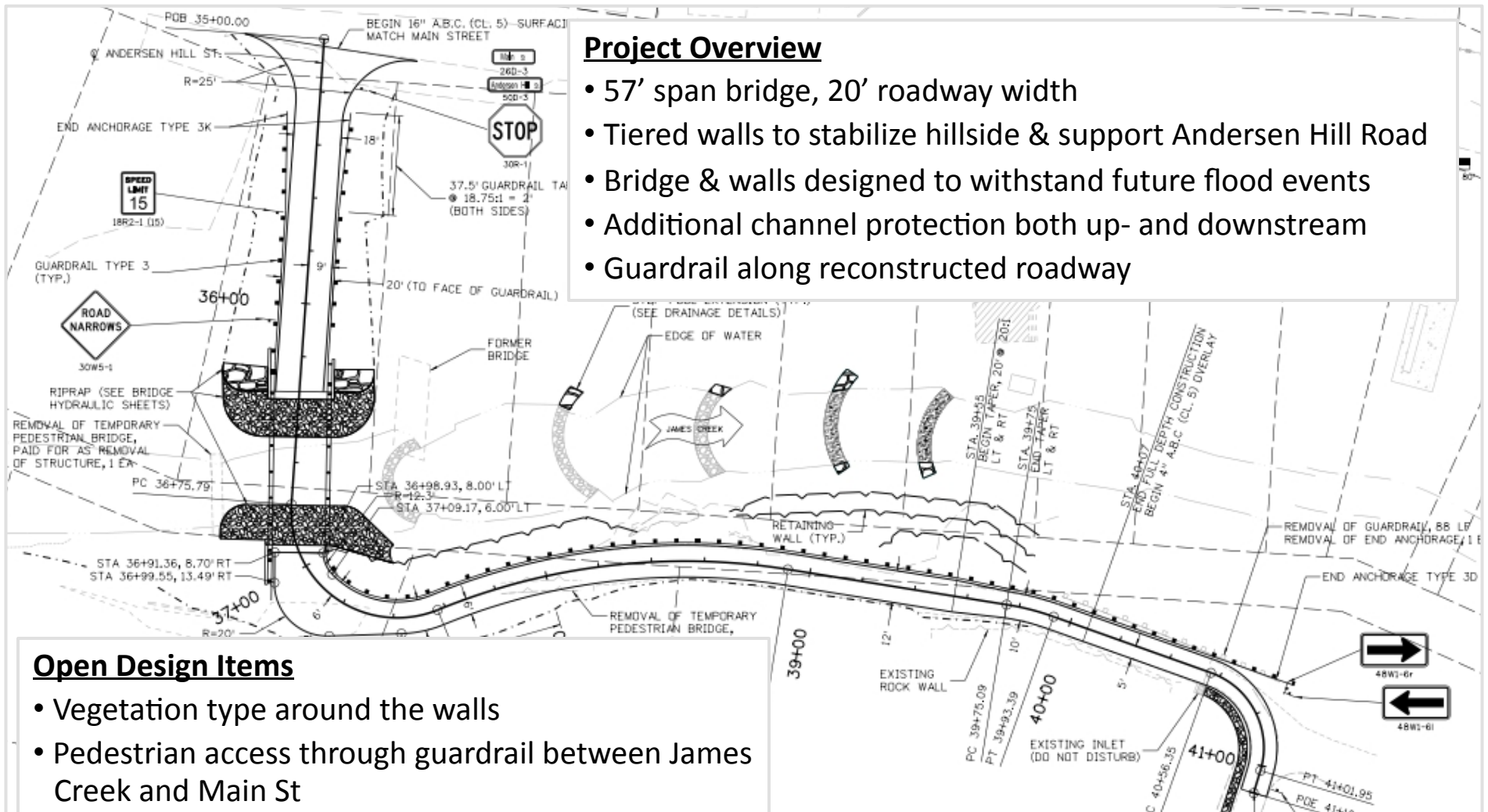
Task	April				May				June				July				August				September			
Contractor NTP (3/11/2015)																								
Fabrication & Delivery of Culvert																								
7'x10': Site Prep & Culvert Const.																								
7'x7': Site Prep & Culvert Const.																								
Debris Con. Struc. & Walls Const.																								
Road Construction																								
Riprap placement																								
Project Closeout																								





Andersen Hill Project Overview (FEMA/CDBG-DR)

Andersen Hill Bridge & Walls– Project Overview





Irrigation Ditch Update (FEMA/CDBG-DR)



FEMA – Irrigation ditch reconstruction

- Draft RFP preparation underway
- Rough schedule
 - Send RFP out within the next month
 - Engineering late spring and early summer
 - Construction late summer and early fall



Other Updates



Other Updates

Andersen Hill and Bridge Project

- Working through property access required for project
- Estimated start date is after spring run-off

CDBG-DR – Rose M Subdivision Water Main Extension

- Project is in environmental review
- Hope to have release of funds by May and contract by June (if all goes well)

Recovery Infrastructure Projects			Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Gillespie Gulch Culvert	FEMA																	
Andersen Hill Road & Bridge	FEMA																	
Town Square Reconstruction	FEMA & GOCO																	
Elysian Park Repairs	FEMA & GOCO																	
Water Treatement Plant	FEMA																	
Natural Disaster Relief Projects	CDPHE																	
Water Line Project	DOLA																	
Irrigation Ditch Project	FEMA																	
County Road 94 (& Howlett's Gulch?)	FEMA																	



Questions?

**Thank You Jamestown Merc,
Rainbow & Adam!**