

# Jamestown Community Meeting 10 October 2017



### **Agenda**

Remaining Recovery Projects

- 36 Ward Street Buyout and Demo
- Rain Gauge Construction
- Water Treatment Plant Filtration Improvements
- Irrigation Ditch Construction
- Lower Main Street Bridge replacement
- James Canyon and James Creek (in Town)
  - 1. FEMA & EWP Project with Boulder County
  - 2. CDBG-DR Project
- Gillespie Gulch
- Summary of Construction Activity (in Town)



### 36 Ward Street Buyout and Demo

- FEMA buyout property
  - Other buyout properties (both FEMA and CDBG-DR):
    - 59 Ward St
    - 21 Ward St
    - 167 Main St
    - 145/153 Main St
    - 150 Main St
    - 34 Main St
    - 134 Andersen
    - 146 Andersen
- Property was transferred from Boulder County to Jamestown
- Boulder County contracted for demolition
- Asbestos removal and demolition in progress
- Current **status**: in progress
- Scheduled to be complete by: November 2017 (36 Ward St)



### **Rain Gauge Construction**

September 2017
Design Complete

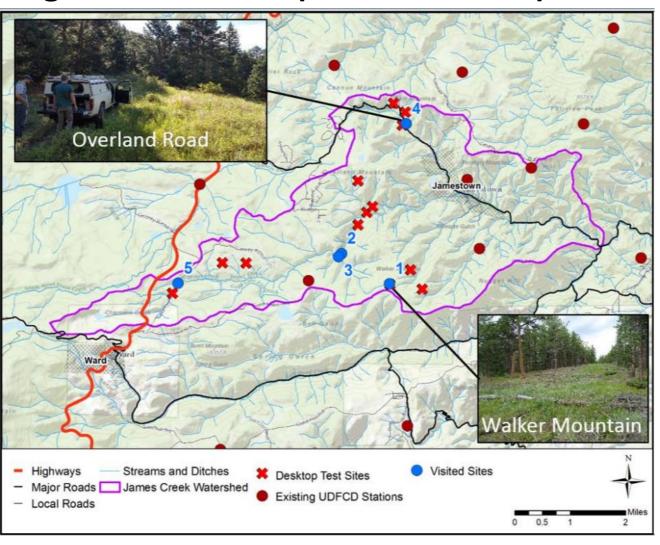
October 2017 Project Bidding November 2017
Project Award by BOT

November 2017 Construction Begin January 2018
Construction Complete

- FEMA HMGP Project
- Scope of project:
  - Lynker completed study of the Jamestown Watershed, recommended 2 possible locations (map)
    - Community Presentation: <a href="http://jamestownco.org/fema-hmgp-projects/">http://jamestownco.org/fema-hmgp-projects/</a>
  - Construction of 1 rain gauge (Overland location, on USFS property pending agreement)
  - Recommendation of Alert Thresholds specific to Jamestown
  - Jamestown JVFD to work with Boulder County Communications on Alert Protocol
- Current Status: Quotes to be submitted 13 October 2017
- Construction scheduled to begin: November 2017
- Construction scheduled to be complete: January 2018

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Project rebid													
Bids due													
Jamestown BOT meeting													
Contractor NTP													
Construction													
Substantial completion													
Project Closeout													

### **Rain Gauge Construction (Overland Road)**





### **Rain Gauge Construction (Overland Road)**

### **Recommendation of Alert Thresholds**

Time Duration	Default Rainfall Accumulation Alert (inches)	Modified Rainfall Accumulation Alert (inches)	General Alarm Classification	Jamestown Emergency Response
10-minutes	0.5 in	0.5 in	Flash Flooding Potential – minor flooding (curb and gutter full)	e.g. Standby for future rainfall monitoring
1-hour	1.0 in	1.0 in	Flash Flooding Potential	
2-hours	3.0 in	1.5 in	Flash Flooding Potential	To be developed by
*3-hours		2.0 in	Short-term Flooding; Saturated Conditions Alert	Jamestown and
6-hours	5.0 in	3.0 in	Short-term Flooding; Saturated Conditions Alert	Boulder County OEM
*12-hours		4.0 in	Large Scale Flooding Potential	
24-hours	5.0 in	5.0 in	Large Scale Flooding Potential	

<sup>\*</sup> Newly tested time duration rainfall threshold Red values require additional threshold evaluation



### **Water Treatment Plant Filtration Improvements**

March 2018
Testing Complete

April 2018 Design Complete June 2018
Project Award by BOT

June 2018 Construction Begin July 2018 Construction Complete

- CDPHE Project
- Scope of project: Pilot testing of possible filtration improvements
  - Slow Sand Filter (SSF) Columns
  - Cartridge Filters
  - Design, bidding and construction of preferred project
- Current Status: Pilot testing ongoing
  - SSF Phase 1 complete; Phase 2 beginning mid to late October
  - Cartridge filters Runs 1 and 2 complete; Run 3 underway
- Construction scheduled to begin: June 2018
- Construction scheduled to be complete: July 2018

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Pilot testing																					
Design																					
Bidding																					
Contractor NTP																					
Construction																					
Substantial completion																					
Project Closeout																					



### **Irrigation Ditch Construction**

May 2017 FEMA Approval

October 2017 Project bidding

November 2017
Project Award by BOT

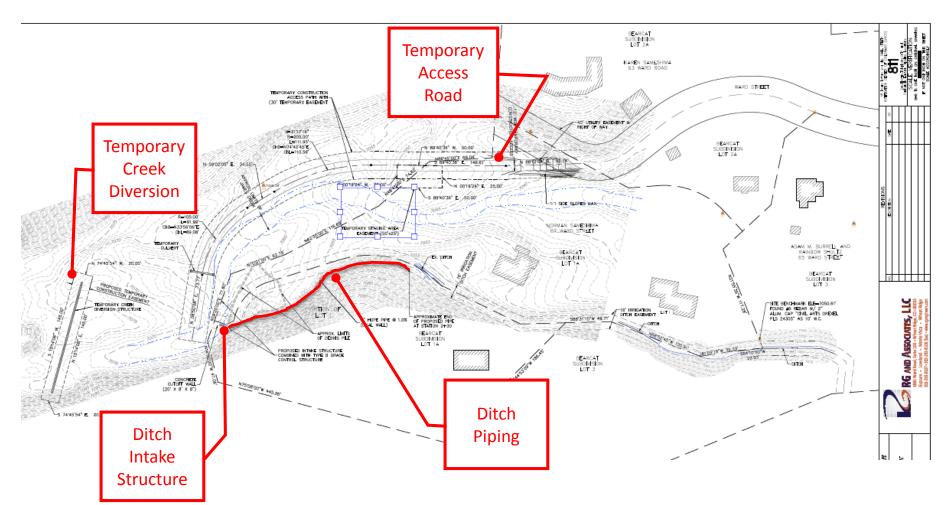
December 2017
Construction Begin

May 2018 Const Complete

- FEMA Project
- Scope of project:
  - Engineering and design (see Design Overview)
  - Construction of a temporary road (unable to keep due to floodplain constraints)
  - Reconstruction of ditch piping along stone wall
  - Reconstruction of ditch intake structure
- Current status: Re-bid advertises 12 October 2017
- Construction scheduled to begin: mid-December 2017
- Construction scheduled to be complete: May 2018

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Project rebid																								
Bids due																								
Contractor NTP																								
Construction																								
Substantial completion																								
Landscaping																								
Project Closeout																								

### **Irrigation Ditch – Design Overview**





### **Lower Main Street Bridge**

December 2017 Final Design February 2018 FEMA Approval

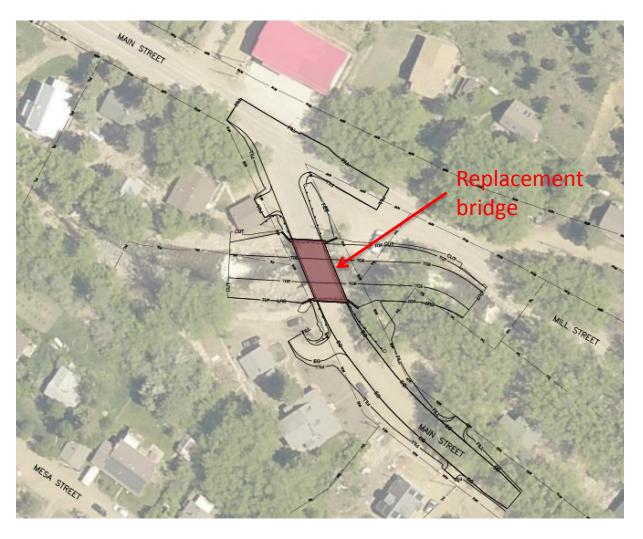
Jan-Feb 2018
Project bidding

March 2018 Proj Award by BOŢ March 2018 Const Begin July 2018 Const Complete

- FEMA HMGP Project
- Scope of project:
  - Final engineering and design
  - Construction of temporary access
  - Construction of bridge improvements Remove and replace with wider and higher bridge
- **Current status**: Final design in progress (60% design complete)
- Construction scheduled to begin: March 2018
- Construction scheduled to be complete: July 2018

<u>Task</u>	<u>Oct</u>	Nov	<u>Dec</u>	<u>Jan '18</u>	<u>Feb</u>	<u>Mar</u>	<u>April</u>	May	<u>June</u>	July
Final Design										
Bidding										
Contractor NTP										
Construction										
Substantial completion										
Landscaping										
Project Closeout										

### **Lower Main Street Bridge – 60% Design**





### James Canyon & James Creek – (1) FEMA & EWP

September 2017 FEMA Determination

October 2017
NTP Approved by BOT

October 2017
Construction Begin

November 2017 Appeal Submitted

December 2017 EWP Complete

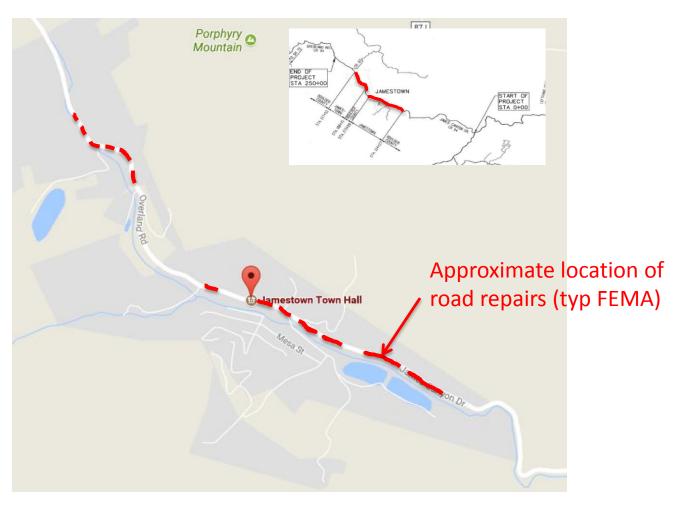
November 2018

Construction Complete

- FEMA & EWP Projects
- Scope of projects:
  - Construction managed by Boulder County, contracted with Kelly Trucking
  - FEMA: reconstruction of portions of James Canyon within Town limits
  - EWP: drop structures and bank stabilization
- Current status: Notice To Proceed (NTP) approved by BOT 2 October 2017
- Construction scheduled to **begin**: mid-October 2017
- Construction scheduled to be complete: December 2018

<u>Task</u>	<u>Oct</u>	Nov	<u>Dec</u>	<u>Jan '18</u>	<u>Feb</u>	<u>Mar</u>	<u>April</u>	May	June	<u>July</u>	Aug	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>
Contractor NTP														
EWP Construction														
Road Construction														
Landscaping														
Contingency														
Final Completion														
Project Closeout														

### James Canyon & James Creek – (1) FEMA & EWP





### James Canyon – (2) CDBG-DR

November 2017 Final Design

January 2018 CDBG-DR Approval January 2018 Project bidding

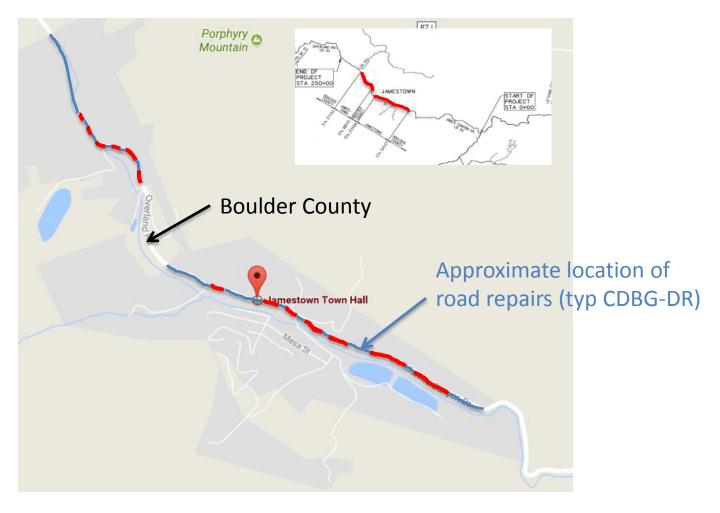
March 2018
Toi Award by BO

April 2018 Const Begin November 2018 Const Complete

- CDBG-DR Project
- Scope of project:
  - Construction managed by Jamestown
  - Reconstruction of portions of James Canyon not included in FEMA project (see Design)
- Current status: 90% design complete
- Construction scheduled to begin: April 2018
- Construction scheduled to be complete: November 2018

<u>Task</u>	<u>Oct</u>	Nov	<u>Dec</u>	Jan '18	<u>Feb</u>	Mar	<u>April</u>	<u>May</u>	<u>June</u>	July	Aug	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>
Design														
Bidding														
Contractor NTP														
Road Construction														
Landscaping														
Contingency														
Final completion														
Project Closeout														

## James Canyon – (2) CDBG-DR





### Gillespie Gulch

July 2017 Project Bidding August 2017
Proj Award by BOT

November 2017

Construction Begin

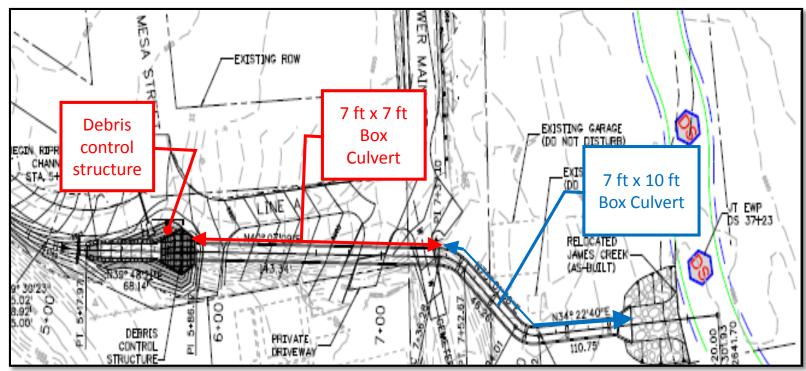
March 2018 Const Complete

April 2018
Landscaping Comp

- FEMA <u>or</u> CDBG-DR Project (TBD)
- Scope of project:
  - Construction of 150 linear feet of 7'x7' and 123 LF of 7' x 10' concrete box culvert, energy dissipating pool into creek
- Current status: Project awarded by BOT to Edge Construction on 14 August 2017
  - FEMA Approval in progress
  - Contingency funding: CDBG-DR budget request from Boulder County Collaborative 13 October 2017
- Construction scheduled to **begin**: November 2017
- Construction scheduled to be complete: May 2018

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Contractor NTP																										
Construction																										
Substantial completion																										
Landscaping																										
Project Closeout																										

### **Gillespie Gulch – HMP Alternative 1**



### **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
- Energy dissipating pool into James Creek



Example debris control structure

### Gillespie Gulch History Timeline

- February 2014: AmecFW hired for engineering design
- May 2014: Construction awarded to Duran Excavating, Inc.
- November 2014: FEMA approval for construction to C&S
- March 2015: FEMA approval of HMP
- March 2015: Duran begins work on Gillespie Gulch HMP (Alternative 1)
- June 2015: FEMA rejects construction cost, stop work order issued
- July 2015: AmecFW begins redesign (Alternative 2)
- February 2016: Alternative 2 bid
- April 2016: Alternative 2 design and costs submitted to FEMA
- September 2016: FEMA rejects Alternative 2
- December 2016: Design SCR for Alternative 1 submitted to FEMA
- January 2017: AmecFW begins preparation of ITB and permit updates
- June 2017: Project bidding
- July 2017: Bids received
- August 2017: BOT approves project; NOIA issued to EDGE Construction
- September 2017: HMP SCR submitted to DHSEM
- October 2017: DHSEM submitted HMP SCR to FEMA
- October 2017: CDBG-DR funding meeting
- November 2017: NTP and start of construction

## **Summary of Construction Activity (in Town)**

		2017							20	18					
<u>Project</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
36 Ward Street Demo															
Rain Gauge Construction															
Water Treatment Filtration															
Irrigation System Construction															
Lower Main St Bridge Construction															
James Canyon – FEMA & EWP															
James Canyon – CDBG-DR															
Gillespie Gulch Construction															



# **Questions?**