



STAFF REPORT

Report To:	Board of Supervisors	Meeting Date:
Staff Contact:	Darren Schulz, Public Works Director	
Agenda Title:	For Discussion Only: Discussion and presentation of an update on the 2017 flood disaster rehabilitation projects. (Randall Rice, RRice@carson.org; Robb Fellows, RFellows@carson.org)	
<p>Staff Summary: In January and February of 2017, heavy rainfall events brought flooding to Carson City, resulting in two declared disasters: DR-4303 and DR-4307. The flooding caused significant damage to City infrastructure in many areas of the city. Since these events occurred, the City has worked with the Federal Emergency Management Agency ("FEMA") and Nevada Division of Emergency Management ("NDEM") to plan, coordinate, and complete over forty federally-funded projects to repair these damaged areas. Staff will provide a brief overview of the projects, the typical process necessary to complete these projects, as well as the status of these projects.</p>		
Agenda Action:	Other / Presentation	Time Requested: 15 minutes

Proposed Motion

Presentation only.

Board's Strategic Goal

Safety

Previous Action

N/A

Background/Issues & Analysis

In January and February 2017, heavy rainfall events brought flooding to Carson City. The result was two declared disasters: DR-4303 and DR-4307. In total, there were 21 repair projects associated with disaster 4303 and 22 repair projects associated with disaster 4307. The combined reimbursable recovery grant amount for both disasters was \$1,447,045.87. The grant was offered at a 75/25 split with the City.

Since the disasters repair work has continued, including project coordination that required permissions, permitting, and other approvals from agencies such as the State Historic Preservation Office, the Bureau of Land Management, and NDEM.

To date, almost all projects have been completed, including the required reimbursement paperwork. There are two projects which are still awaiting approval for minor modifications in scope and budget.

Applicable Statute, Code, Policy, Rule or Regulation

N/A

Financial Information

Is there a fiscal impact? Yes

If yes, account name/number: Insurance Fund 590 - 25% Match was transferred from the General Fund in Fiscal Year ("FY") 2017 in anticipation of the projects to be completed.

Is it currently budgeted? No

Explanation of Fiscal Impact: N/A

Alternatives

Attachments:

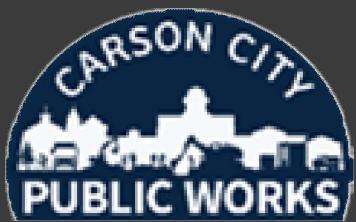
[2017 Disaster presentation.pptx](#)

Board Action Taken:

Motion: _____	1) _____	Aye/Nay _____
	2) _____	_____

(Vote Recorded By)

2017 Carson City Flood Disaster Update



Randall Rice, PE
City Engineer

Robert Fellows, PE
Floodplain Manager & Chief Stormwater Engineer

May 6, 2021
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Flood Projects Overview

Disaster Recovery is governed by the Public Assistance Program and Policy Guide (PAPPG) – PA Public Assistance Requirements



Public Assistance Program
and Policy Guide

FP 104-009-2 / January 2016

PA PROGRAM DELIVERY PROCESS

Phase I:
Operational
Planning

Phase II & III:
Impacts, Eligibility,
Scoping & Costing

Phase IV & V:
Final Reviews,
Obligation and
Recovery

Phases VI & VII:
Post Award
Monitoring and
Final Closeout

Flood Projects Overview

Typical project setup starts with damage assessment by FEMA

- Conduct site visits to document damage and take measurements
- Write Project Worksheets (PW) for each category of work
- Review eligibility of repairs and costs
- Execute PW and enter information into Federal system
- State receives funds and notifies subgrantee (City) of PA funds
- City follows policies for contracts and repairs damaged areas
- City Submits for reimbursement
- Time constraints to complete repairs, 6 months Category A & B, 18 months all other categories. Time extension allowed under certain conditions.

Summary of Flood Repair Projects

January 2017 Disaster (DR-4303) – 21 total projects

By Category (75/25 fund split)

1-A – Debris Removal (6 months)

1-B* – Emergency Protective Measures (6 months)

10-C – Roads & Bridges (18 months)

1-D – Water Control Facilities (18 months)

1-E – Buildings & Equipment (18 months)

7-G – Parks, Recreation & Other (18 months)

*Category B incentive = 85/15 split

Summary of Flood Repair Projects

February 2017 Disaster (DR-4307) – 22 total projects

By Category (75/25 fund split)

2-A - Debris Removal (6 months)

1-B* - Emergency Protective Measures (6 months)

7-C - Roads & Bridges (18 months)

1-D - Water Control Facilities (18 months)

1-E - Buildings & Equipment (18 months)

10-G - Parks, Recreation & Other (18 months)

*Category B incentive = 85/15 split

Summary of Flood Repair Projects

Four (4) “Large Projects”

Thirty-Nine (39) “Small Projects”

Small Projects < \$123,100 \leq Large Projects

- Large project costs are paid whether over or under the estimated amount. All costs must be eligible.
- Small project costs are paid to the estimated amount only and may be adjusted only at the completion of all small projects.
- All scope changes to any project must be approved before the work can be completed (or it could be deemed ineligible).

Summary of Flood Repair Projects

- Projects completed and funds received as of April 29, 2021

43 Total Projects

23 Projects - Complete and funds received

18 Projects - Submitted for payment (All backup documents must be with the reimbursement requests and is verified by the State)

2 Projects – Awaiting approval for minor modifications in scope and budget

Summary of Flood Repair Projects

- Projects funds by project size (39 small & 4 large)
- Total grant small projects estimate \$930,773.57
- City requested or received funds \$780,820.11
- Difference \$149,953.46 (small project funds may be moved to cover other small project overages within the same disaster)

- Total grant large projects estimate \$532,937.64
- City requested or received funds \$433,006.07
- Difference \$99,931.57 (funds only pay actual cost whether over or under the estimated costs)

Flood Repair Project Examples

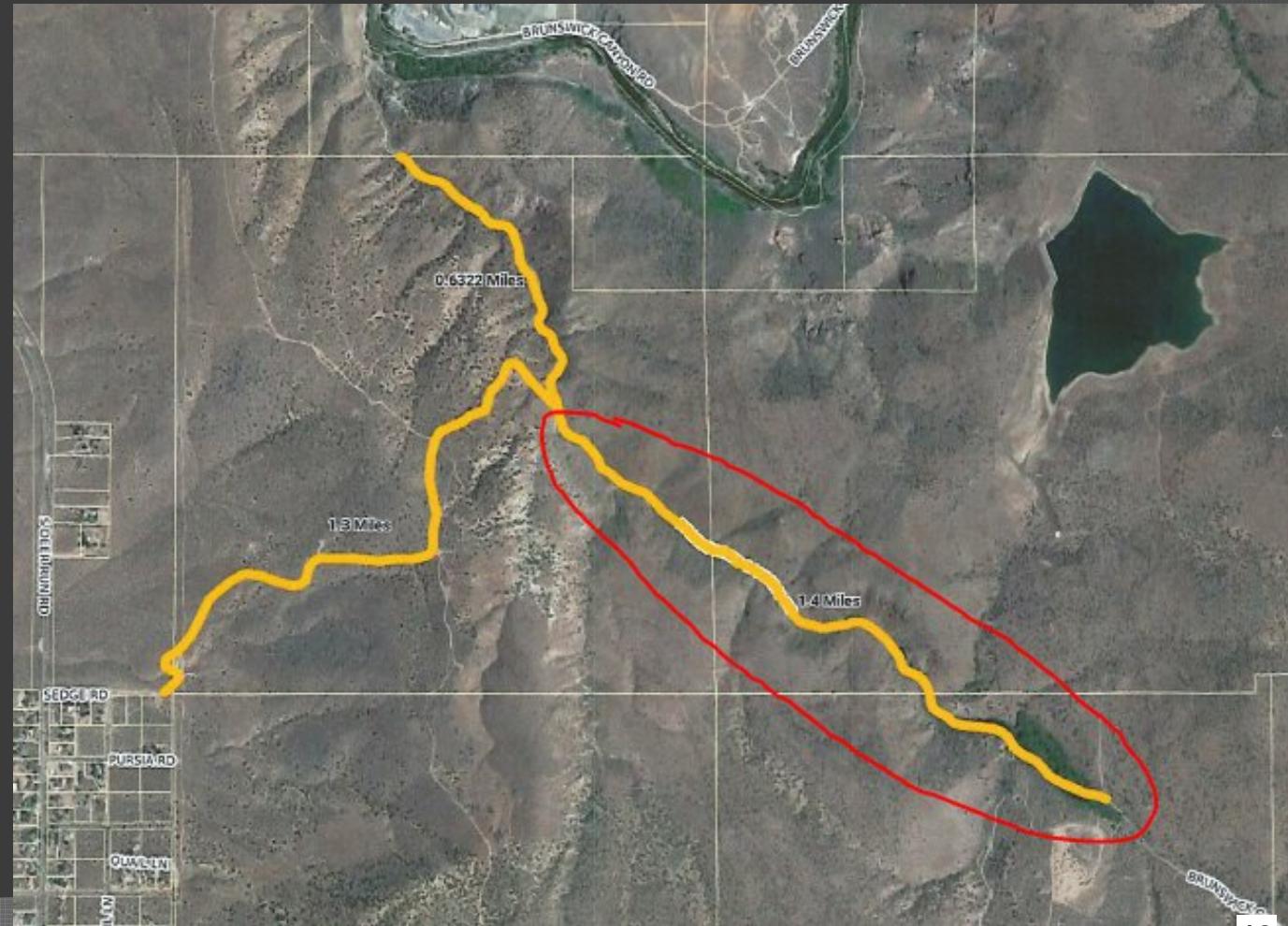
PW CARSC36 –
Brunswick Canyon
Road Repairs

PW signed 8/30/17,
Needed BLM
Permit to do work &
FEMA missed road
damage that should
have been included



Flood Repair Project Examples

Submitted for a version request and time extension for missing repair cost and extra time for BLM permit
7/23/18, Request BLM Permit Right-of-way 3/17/19.
Obtain BLM Right-of-way 8/6/20



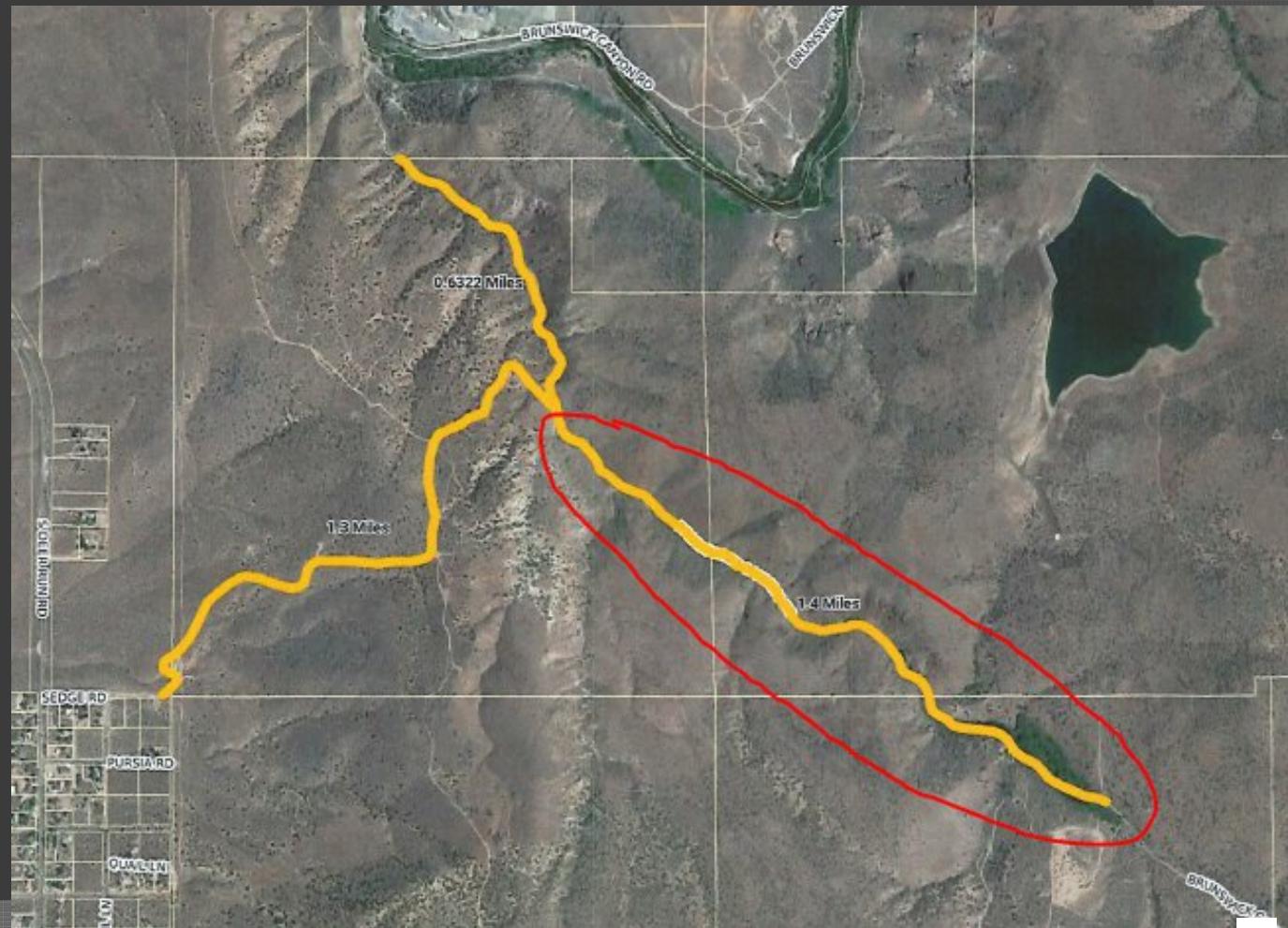
Flood Repair Project Examples

Requested Bids
7/22/20, BOS
awarded contract
9/3/20, Started road
repairs 11/9/20,
completed work
12/7/20, Request
reimbursement from
State 3/16/21



Flood Repair Project Examples

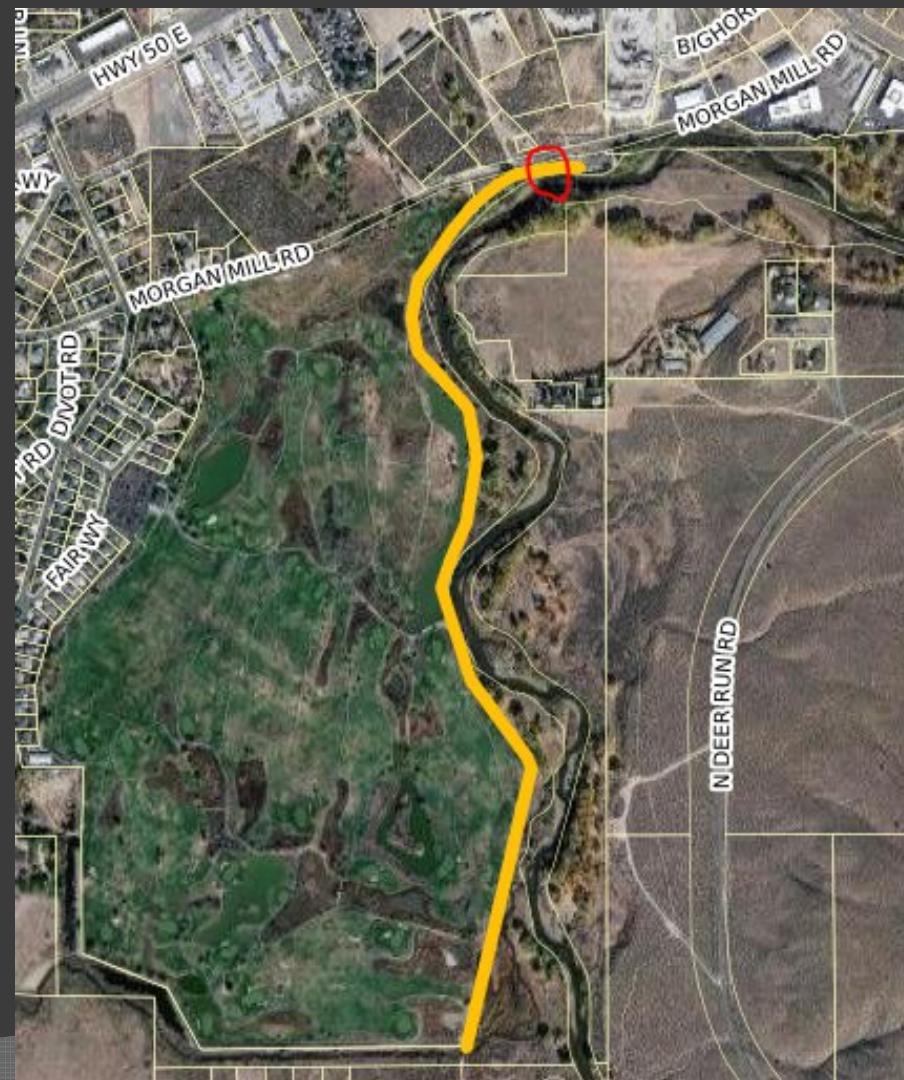
Informed by FEMA
version request
approved Feb 2021
which will result in a
new grant for the
missing damaged
areas and more time



Flood Repair Project Examples

PW CARSG23 – Empire Ranch Trail Repairs

PW signed 8/30/17
Waited for grant award from FEMA due to historical culvert at Empire Ranch (SHPO involvement). City staff provided additional information on how to repair culvert.



Flood Repair Project Examples

Grant award 11/19. No additional funds for culvert repair included. Went ahead and repaired trail. Contract 1/17/20. Completed 2/5/20

Repaired Morgan Mill Park damaged items 12/21/20, request reimbursement and time extension 3/4/21



Flood Disaster Update

