

FLOOD REVIEW BOARD

Date: June 26, 2025

Time: 8:30 AM, MDT

Location: Lake Estes Conference Room, 3rd Floor, 200 W Oak St., Fort Collins and via Zoom webinar

Contact: Tina Kurtz, Larimer County Engineering Department

MEETING MINUTES

Staff Present: Tina Kurtz, Traci Shambo, Aaron Wurster

Staff Online: None

Board Members Present: Chad Morris, Jamis Darrow, Travis Rounsaville, Daniel Richardson, Matthew Hickox

Board Members Online: None

Call to Order: Mr. Morris opened the meeting at 8:32 a.m., MDT

Election of Chair for Meeting

The Chair is not in attendance at the meeting, so a Chair for this meeting needs to be appointed.

Mr. Darrow motioned to have Mr. Morris act as the Chair the June 26, 2025, Flood Review Board meeting.

Mr. Rounsaville seconded the motion.

Futher Discussion:

None

Vote:

Mr. Hunt – Absent

Dr. Thornton – Absent

Mr. Morris – Abstain

Mr. Darrow – Yes

Mr. Rounsaville – Yes

Mr. Richardson – Yes

Mr. Hickox - Yes



Motion passed [4-0]

Introductions

Item 1: Approval of April 24, 2025, Board meeting minutes

Motion:

Mr. Rounsaville motioned to approve the April 24, 2025, Board meeting minutes.

Mr. Darrow seconded the motion.

Further Discussion:

None

Vote:

Mr. Hunt – Absent
Dr. Thornton – Absent
Mr. Morris – Yes
Mr. Darrow – Yes
Mr. Rounsaville – Yes
Mr. Richardson – Yes
Mr. Hickox - Abstain

Motion passed [4-0], 1 abstention.

Discussion Items:

1. A petition filed by Finley USA for a Floodplain Project Review for utility conduits for fiber extension crossings under Rawhide Creek and Coal Creek within the Rawhide Creek Zone A Floodplain Overlay District and the Coal Creek Zone A Floodplain Overlay District at the following locations to wit: Sections 7, 8, 9, 12, Township 10 North, Range 68 West

Applicants Present: Danny Cornish, Finley USA; Troy Spraker, Lamp Rynearson, Adam Rislov, Nunn Telephone

Ms. Kurtz introduced the Floodplain Project Review project. She said that the project will be boring under Rawhide Creek and Coal Creek. The post-construction surfaces will be restored to pre-construction surfaces. The scour range is 2.8' to 3.9', however the bore will be a minimum of 10' below the flowline of the creek.

Lamp Rynearson discussed the analysis for the bores for the fiber conduit under Rawhide Creek and Coal Creek floodplains. They noted that they used StreamStats for the flows rates. They plan to perform horizontal direction drills, starting outside of the floodplain and exiting outside



of the floodplain limits. Using the Nealey Blanch scour methods, they estimated 3'-4' of scour to be expected. They also analyzed a road overtopping scenario and found that the fiber line conduit would be protected in that scenario as well.

The FRB discussed the assumptions used in the analysis and found that the design shows that the fiber conduits are expected to be protected in a 100-year flood event.

Motion:

Mr. Rounsaville moved to recommend approval of the Finley USA utility conduits for fiber extension crossings under Rawhide Creek and Coal Creek to the County Engineer.

Mr. Hickox seconded the motion.

Further Discussion:

None

Vote:

Mr. Hunt – Absent
Dr. Thornton – Absent
Mr. Morris – Yes
Mr. Darrow – Yes
Mr. Rounsaville – Yes
Mr. Richardson – Yes
Mr. Hickox – Yes

Motion passed [5-0].

2. A petition filed by Mark Lundeen under Section 12.1.6.G of the Larimer County Land Use Code for a Letter of Map Revision regarding discrepancies between the existing surveyed bathymetry and the Colorado Hazard Mapping Program geometry data for the Big Thompson River within the Big Thompson River Zone AE (Floodway) Floodplain Overlay District at the following location to wit: Section 7, Township 5 North, Range 69 West, Larimer County, CO

Applicants Present: Corey Engen, Flywater Inc., John Whiteside and Greg Wild, public

Ms. Kurtz introduced the Letter of Map Revision (LOMR) project. She said that the Colorado Hazard Mapping Program (CHAMP) contains errors in the existing channel conditions versus surveyed bathymetry. The discrepancies are 1'-2' in thalweg elevations. There are seven impacted parcels along with one structure being included into the floodplain. The applicant tried to file an appeal to the



CHAMP study during the appeals process several years ago but was advised by the Colorado Water Conservation Board (CWCB) to apply for a LOMR instead.

Mr. Engen discussed the situation using cross-section data, showing the existing channel used and the actual survey. The survey indicates that the topography is higher than what the CHAMP Best Available study shows. Using the “Lundeen LOMR Workmap Exhibit, Effective vs. Existing Conditions-2025”, he explained the existing floodplain limits and proposed changes based on the updated survey, which existed as of the survey date.

They discussed the various modeling versions and methods that have been used in past models to explain how they resulted in their effective corrective model. The complications in this area include split flows, errors in past topography used, modeling methodology set by CWCB to avoid flow optimization, and reliance on existing hard-coded flow values.

The Board suggested some minor modeling adjustments that could streamline the review process and reduce comments from CWCB. They also noted that CWCB and FEMA will require the survey control points to be shown on a stamped plan. Additionally, they emphasized that the report should thoroughly document the history of the modeling efforts in this area and the guidance from CWCB on parameters and methods for the LOMR submittal.

Motion:

Mr. Darrow moved to recommend approval to sign the MT-2 form for a Letter of Map Revision application for 5890 West Highway 34, Loveland, for discrepancies between recent survey data and the Colorado Hazard Mapping Program preliminary floodplain model in the Big Thompson River within the Big Thompson River Zone AE (Floodway) Floodplain Overlay District with the following conditions: the submitted report includes the correspondence with the Colorado Water Conservation Board regarding modeling procedures.

Mr. Rounsaville seconded the motion.

Further Discussion:

None

Vote:

Mr. Hunt – Absent
Dr. Thornton – Absent
Mr. Morris – Yes
Mr. Darrow – Yes
Mr. Rounsaville – Yes
Mr. Richardson – Yes
Mr. Hickox – Yes



Motion passed [5-0].

Item 3: Other Business:

Discussed upcoming agendas

Meeting adjourned at 9:36 a.m., MDT.