

# CARSON TRUCKEE WATER CONSERVANCY DISTRICT

Regular Meeting

June 11, 2024

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**DIRECTORS:**

Todd Westergard  
Mike Nevin  
Karen Baggett  
Ernie Schank (via Zoom)  
John Capurro

**ABSENT:**

Ty Minor  
Eddy Quagliari  
Ed James  
Tyler Henderson  
Pete Olsen

**OTHER:**

Kayla Dowty, Engineer  
Lucas Foletta, Attorney  
Dave Wathen, FWM

**GUESTS:**

**Staff**

Mary Pat Eymann

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**1. CALL REGULAR MEETING TO ORDER – No Quorum present**

**2. PUBLIC COMMENT – limited to no more than three minutes per speaker \***  
None

**3. APPROVE AGENDA**

No quorum present no action taken

**4. APPROVE MINUTES FOR APRIL 9, 2024, FINANCIAL STATEMENTS AND CHECKS WRITTEN AS SUBMITTED –**

No quorum present no action taken

**5. WATER MASTERS REPORT AND DISCUSSION – Dave Wathen.**

*A complete copy of the Water Report is available at District Offices or on the internet at [troa.net](http://troa.net) and the SNOTEL report at [wcc.sc.egov.usda.gov/reports/SelectUpdateReport.html](http://wcc.sc.egov.usda.gov/reports/SelectUpdateReport.html)*

**6. UPDATE, DISCUSSION AND POSSIBLE ACTION ON INTER LOCAL AGREEMENT WITH CARSON WATER SUBCONSERVANCY DISTRICT (CWSD) – Lucas Foletta**

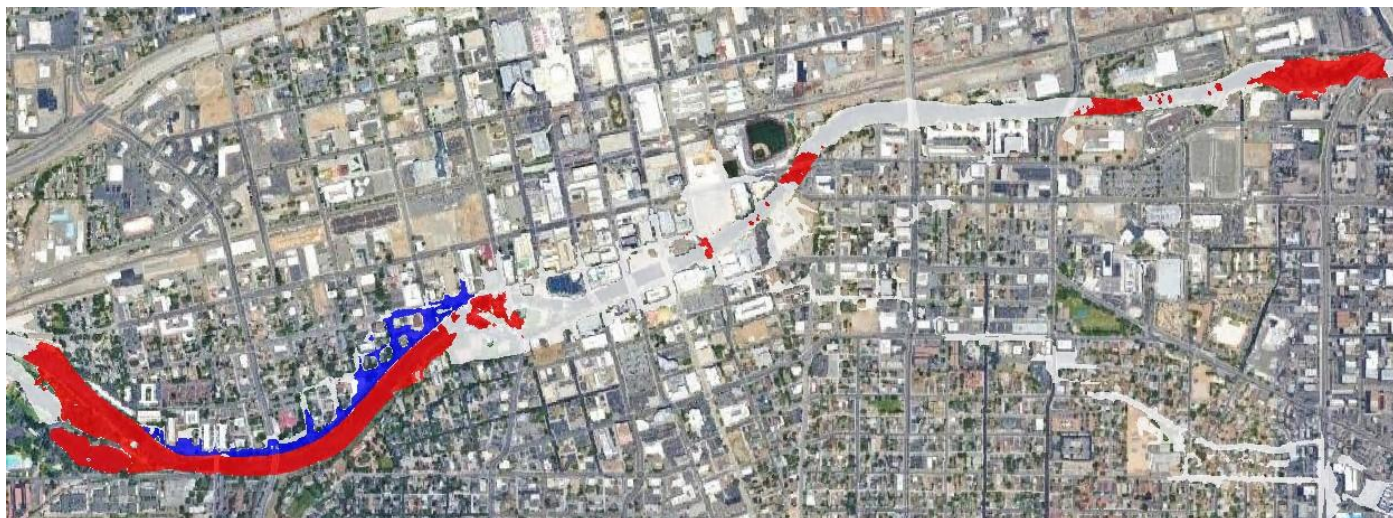
The agreement is on the June 18 agenda for CWSD for discussion. This item will be discussed at a future meeting after consultation with CWSD and CTWCD legal.

**7. DISCUSSION AND POSSIBLE ACTION OF THE RIVERSIDE DRIVE INUNDATION AND POSSIBLE INVOLVEMENT OF THE DISTRICT – Kayla Dowty**

*See Engineer's Report*

*JUB draft of Riverside Flood Mitigation Alternatives & Construction Cost Estimation was provided and is available at District offices.*

Response from JUB regarding questions posed as a result of the May meeting:



**1. Please confirm that downstream inundation is not negatively impacted by the proposed project(s).**

*14,000 cfs Flow Impacts from Alternatives A & B*

For the 14,000 cfs flow, the wall results in a maximum increase in water surface elevation of approximately 6" just upstream of the Arlington Avenue Bridge (in its existing configuration). Water surface elevation increases of 0.1 ft or greater extend approximately 200 ft downstream of the South Arlington Bridge, and do not extend downstream of the North Arlington Bridge in the north river channel. At Sierra Street Bridge, a small area of increased water surface elevation was noted, with a maximum increase of approximately 0.16 ft.

Local increases in water surface elevation are present under and upstream of the Booth Street Bridge, adjacent to the most significant portion of the floodwall. The maximum modeled increase in water surface elevation in this location is 0.33 ft. Figure 2 below shows an overview of the areas of increased water surface elevation.

The figure above shows the water surface elevation for existing conditions subtracted from the water surface elevation for the proposed floodwall. Red areas indicate increases of 0.1 ft or greater as the result of the floodwall, while blue areas indicate decreases of 0.1 ft or greater as the result of the floodwall. White areas indicate changes of less than 0.1 ft in magnitude.

Increases in inundation boundaries are shown in Barbara Bennett Park on the South overbank along Island Avenue. East of Arlington along Island Avenue, apparently anomalous inundation is shown on Island Avenue during the 14,000 cfs (without the wall), and this inundation is exacerbated with the wall present. More evaluation and calibration of this model for use in the 14,000 cfs flow modeling is needed.

Additional details of anticipated downstream impacts are provided in the Booth to Arlington Floodwall Analysis (J-U-B, 2024).

### *100-year Flow Impacts from Alternative C*

For the 100-year flow, the floodwall results in more extensive and higher magnitude increases in water surface elevation than for the 14,000 cfs flow rate. Figure 3 below shows an overview of the extents of the differences.

The figure above shows the water surface elevation for existing conditions subtracted from the water surface elevation for the proposed floodwall. Red areas indicate increases of 0.1 ft or greater as the result of the floodwall, while blue areas indicate decreases of 0.1 ft or greater as the result of the floodwall. White areas indicate changes of less than 0.1 ft in magnitude.

The maximum increase in water surface elevation in this scenario occurs just upstream of the Booth Street Bridge and has a magnitude of 3.5 ft. Downstream from Booth Street, the increases in water surface elevation have a maximum magnitude of approximately 1 ft just downstream of Booth Street Bridge. Downstream increases at bridges are 0.35 ft or less.

#### **2. Does the model consider the City of Reno's Flood Response Action Plan to place plywood in wall openings during high flow events to contain the full 14,000 cfs?**

*Yes, where openings would exist in the constructed state, we assumed that flood response provisions would sandbag, attach plywood, or otherwise close off these openings to flow. Should the 100-year level of protection be pursued, walls would likely be replaced, and our recommendation would be to consider options that reduce the effort required during flood response operations.*

**2. In regards to the permitting section, Alternative A would not require any 408 permitting through USACE Flood. For Alternatives B and C, they both require alterations to the original flood project and would require a 408 permit. CTWCD will handle any required 408 permitting efforts associated with the selected alternative.**

*Section 6.0 of the report will be updated to reflect this comment.*

#### **8. DISCUSSION AND POSSIBLE BOARD DIRECTION REGARDING ENCROACHMENT PERMITS AND REQUESTS – Kayla Dowty**

*See Engineer's Report*

#### **9. DISCUSSION AND POSSIBLE BOARD DIRECTION REGARDING MAINTENANCE DEBRIS REMOVAL WORK, EMERGENCY DEBRIS/DEPOSIT REMOVAL WORK AND AUTHORIZATION FOR EXPENDITURES FOR SUCH WORK – Kayla Dowty**

*See Engineer's Report*

#### **10. ENGINEER/CONSULTANT REPORT –Kayla Dowty**

*See Engineer's Report*

#### **11. LEGAL COUNSEL REPORT – Leo Bergin/Lucas Foletta**

Nothing to report.

#### **12. SECRETARY/TREASURER REPORT – Mary Pat Eymann**

Nothing to report.

**13. PUBLIC COMMENT - None**

**14. BOARD COMMENTS AND REQUESTS FOR FUTURE AGENDA ITEMS:**

**New Future Agenda Item Requests –**

1. Review revised Inter Local Agreement.

**Board Comments -**

Director

**15. ADJOURNMENT -**

There being no further business the regular meeting was adjourned.

**Next meeting  
REGULAR MEETING  
July 9, 2024, at 10:00 a.m.**

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Todd Westergard,  
President

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Mary Pat Eymann,  
Secretary/Treasurer