

CARSON TRUCKEE WATER CONSERVANCY DISTRICT

Board Meeting
September 8, 2015

DIRECTORS:

Todd Westergard
Ernie Schank
Karen Baggett
John Capurro
Mike Nevin
Greg Dennis
Gwen Washburn
Chuck Roberts
John Enloe

ABSENT:

Ed James

GUESTS:

Leo Bergin, Attorney
Lori Williams, Engineer
Ron Penrose, Superintendent
Pat Fritchel, FWM
Staff

1. CALL REGULAR MEETING TO ORDER -

President Westergard called the Regular meeting to order at 10:00 a.m.

2. PUBLIC COMMENT – None

3. APPROVAL OF MINUTES AND CHECKS WRITTEN –

Director Schank made a motion to approve the minutes for August meeting and checks written on Bank of America #9309 - #9315 and Nevada State Bank #2613 - #2617, motion seconded by Director Washburn, motion carried.

4. FEDERAL WATERMASTER'S REPORT – Pat Fritchel, FWM

A complete copy of the Water Report is available at District Offices or on the internet at troa.net.

Farad is at 93cfs of which 30cfs is natural flow and the remaining TMWA storage and a little fish water. Tahoe is dropping at approximately 3/100's per day.

5. UPDATE ON VIRGINIA STREET BRIDGE 408 ENCROACHMENT PERMIT – Lori Williams

See Engineer/Consultant Report

6. DISCUSS AND APPROVE/DISAPPROVE PROTOCOL FOR EMERGENCY/TEMPORARY ENCROACHMENTS INTO THE RIVER – Ron Penrose

Mr. Penrose asked that this item be moved to next month's meeting as he attended a meeting with the Regulatory Branch of USACE and needs to make some changes to the Protocol.

7. DISCUSS RIVER CHANNEL ENCROACHMENTS AND POSSIBLE DISTRICT ACTIONS – Lori Williams

Stagg Lane – A letter has been sent to the property owners and the rock structures in the river had not been moved as of last week.

- ❖ Director Capurro made a motion that a letter be sent to the property owner giving him 15 days to remove the rock structure per the Martis Creek Agreement;

seconded by Director Washburn; motion carried.

West Street Plaza – This is the step down plaza the City of Reno built many years ago, removing the flood wall and no permit was ever obtained. There has been previous activity as to changes to this and this was on the City of Reno Council Agenda last week. There is a building adjacent to the plaza and the developer of the building potential wants to modify the plaza. These plans have to this date not been defined. The Council advised their staff to work with the developer and formulate a plan and bring it to the Council. Ms. Williams feels this would be an opportune time to send a letter to the Parks Director who works with the developer advising him that there is an issue with the plaza and that maybe this is an opportunity to address/fix the encroachment problem.

- ❖ Director Schank made a motion that Superintendent Penrose drafts a letter to be reviewed by Attorney Bergin and signed by President Westergard and Superintendent Penrose to the Parks Director alerting him to concerns the Board has regarding the measures to be taken in a 14,000 cfs flood event and that no encroachment permit has ever been obtained. That they discuss with this Board interim flood measures or permanent measures to be taken and furthermore that they obtain approval of the Board on any changes to the project; seconded by Director Dennis; motion carried.

8. DISCUSS CITY OF RENO RIGHT OF ENTRY LICENSE FOR TRUCKEE RIVER CHANNEL MAINTENANCE ACCESS – Lori Williams

Ms. Williams has had Attorney review the Right of Entry License which City of Reno will only grant on a 2 year basis. Ms. Williams has named all parcels along the River owned by the City of Reno rather than just places where we may need to enter the river, this can then just be continued to be renewed. This will go on the City of Reno October Agenda.

- ❖ Director Dennis moved to approve the License and move forward with the City; seconded by Director Enloe; motion carried.

9. DISCUSS, REVIEW AND APPROVE/DISAPPROVE TRUCKEE RIVER CHANNEL MAINTENANCE PROJECT(S) FOR 2015 – Lori Williams

There are 32 areas that need debris removal, 2 of which may be handled by the City and 1 by TMWA. Ms. Williams provided the Board with a detailed list of these areas, which is available at District Offices.

- ❖ Director Schank moved that Ms. Williams move forward with the debris removal using the same company as last year with the cost not to exceed \$21,768.75; seconded by Director Roberts; motion carried.

10. DISCUSS AND APPROVE/DISAPPROVE FUNDING REQUESTS FOR CARSON RIVER CLEARING AND SNAGGING FUNDING PROJECTS –

There were four (4) entities that requested funding for Clearing and Snagging:

1. Carson Valley Conservation District - \$26,500
2. Carson City Parks, Recreation & Open Space Department - \$15,000
3. Dayton Valley Conservation District - \$14,861.50
4. Lahontan and Stillwater Conservation Districts - \$20,000

This funding will come out of the projects to be determined account which has a balance of \$64,799. The Board agreed that they did not want to deplete the entire balance.

- ❖ Director Dennis made a motion to award each of the four agencies the amount of \$10,000 for Clearing and Snagging Projects; seconded by Director Schank; motion carried.

11. DISCUSS RIVERSIDE DRIVE MODEL AND RELATED ISSUES – Lori Williams

Ms. Williams provided the Board with schematics regarding the issue on Riverside Dr. where the water bumps out of the channel approximately 1 foot. (*Available at District Offices*) Included in this is the historical data that the City of Reno provided. Comparisons between the current model and the Martis Creek Agreement were plotted. The question is why did the Martis Creek Agreement estimate the water surface elevation to be so much lower than the current model. This was also verified in the 2005 flood event. Furthermore why did the City not build the bank to the L line but rather the red line? We will probably never know why the berm was not built to the red line. Information from the City of Reno is that a 1957 survey of the channel, which is believed to be the basis on which the Martis Creek Agreement was formed coincide with current data. It appears that the channel has changed very little other than the fact that the City of Reno built a berm to contain the flood flows.

The City also provided “as built” drawings showing where the gabion wall was built between Arlington and Jones St. Water surface elevations were plotted and there is plenty of free board along that section, approximately two feet. This suggests that the Martis Creek Agreement water surface elevation along Riverside Dr. might have just been an error or maybe there was something else that changed.

The current model and the Martis Creek (14,000cfs) were plotted and very close in all areas except on the Riverside Dr. area where they diverge by about 1-2 feet. It appears the difference is actually vegetation that has grown in the channel.

Director Schank asked if this is something CTWCD would be responsible to have an interim plan and save money in our budget each year so that if something happened we were able to put temporary barriers in place? Ms. Williams advised she thinks it would be a collaborative effort. TRFMA has indicated that they potentially have some money that could be used for interim risk reduction matters. Ms. Williams believes that yes per the Martis Creek Agreement we do have some responsibility.

Director Westergard asked who would need to be contacted and how would we go about removing the vegetation. Ms. Williams stated that she and Superintendent Penrose thought that they should get together with the engineers to see how much vegetation needs to be removed to keep the water in the channel. The distance in question is approximately 2,100 feet or ½ a mile.

- Director Dennis made a motion that this item be kept on the Agenda; seconded by Director Roberts; motion carried.

12. ENGINEER/CONSULTANT REPORT – Lori Williams

A complete copy of the Engineer’s Report is available at the District Offices or on the CTWCD website.

MONTHLY ACTIVITIES- August 2015

- 1) Monitor Virginia Street Bridge work for Encroachment Permit.
- 2) Set up meeting for September 8, 2015 to discuss river work with USACE Regulatory Branch.
- 3) Evaluate plots of 14,000cfs georeferenced water elevations on Martis Agreement Plates; Compare with City of Reno as-builts for Riverside walls compared to model water elevations.
- 4) Inspect 6500 Stagg Lane encroachment for removal.
- 5) Inspect river areas and create 2015 Debris Removal Scope of Work document.
- 6) Work with City of Reno on Entry Authorization License for channel maintenance access.

- 7) Contact TRFMA in pursuit of old version of the HEC-2 model which may have been the source of the Martis Agreement water elevations.
- 8) Evaluate shoal deposit upstream of Kietzke Bridge.
- 9) Discuss river permitting and vegetation removal with adjacent property owner.

UPCOMING ACTIVITIES

- 1) Evaluate temporary flood control measures including cost, storage, installation requirements and options for West Street Plaza and Riverside Drive.
- 2) Plan channel maintenance projects, including annual debris removal project and secure permits/authorizations for work.
- 3) Evaluate additional needs for model updates upstream of Keystone Avenue to State Line and downstream of Lake Street to Glendale Bridge; possibly needed for upcoming 408 Encroachment evaluations.
- 4) Run 14,000cfs steady state HEC-RAS flow model to establish water surface elevations along key river locations to evaluate issues; complete sections upstream and downstream of downtown.
- 5) Schedule a meeting and with USACE Flood Control Branch (October 2015) regarding inspection issues, West Street Plaza, 14,000cfs model outcomes and evaluation of channel walls in downtown Reno and appropriate application/confirmation of SWIF process eligibility.
- 6) Continued coordination with City of Reno for 1) Flood Response evaluation and incorporation of Interim Risk Reduction Measures into their Flood Response plan, 2) Flap-gate Installation needs assessment and project and 3) Vegetation Variance for trees along channel- not expected to be necessary due to interim order.
- 7) Draft Vegetation Variance Application for Trees in Vegetation Free Zone if applicable under SWIF; confirm eligibility with USACE.
- 8) Finalize the Equipment Access/Entry Point Documentation and Mapping for the District Jurisdiction;

13. LEGAL COUNSEL REPORT – Leo Bergin

Mr. Bergin has drafted a letter concerning the preexisting encroachments on the river, to put the people on notice regarding any modifications and the need then for an encroachment permit.

14. SECRETARY/TREASURER REPORT – Mary Pat Eymann

Nothing to report

15. PUBLIC COMMENT - NONE

16. BOARD COMMENTS and/or REQUEST FOR AGENDA ITEMS –

- Director Roberts – Continue to complement Ms. Williams and Mr. Penrose for their efforts on behalf of the district.
- Director Capurro – WCWCD will be posting for a new Dam Tender at Boca Dam.

Future Agenda items:

- Emergency/Temporary encroachments into the River
- Riverside Drive model and related issues

17. ADJOURNMENT -

There being no further business, President Westergard asked for a motion to adjourn the meeting. Director Schank moved to adjourn, Director Washburn, seconded said motion, motion carried.

****The next regular meeting will be held Tuesday October 13, 2015 at 10:00 a.m.****

Todd Westergard,
President

Mary Pat Eymann,
Secretary/Treasurer