



WORK SESSION AGENDA

NOTICE IS HEREBY GIVEN THAT THE CENTERVILLE CITY COUNCIL WILL HOLD ITS WORK SESSION MEETING AT 6:00 PM ON DECEMBER 6, 2022 AT CENTERVILLE CITY HALL, 250 NORTH MAIN STREET, CENTERVILLE, UTAH.

Centerville City Council meetings are open to the public, unless otherwise closed for reasons allowed by law. Centerville City Council meetings may be conducted via electronic means pursuant to Utah Code § 52-4-207. In compliance with the Americans with Disabilities Act, individuals needing special accommodations due to a disability may contact the City Recorder at (801) 295-3477, at least 24 hours in advance of the meeting. The Mayor and Council reserve the right to modify the sequence of agenda items in order to facilitate special needs or provide greater efficiency.

The full agenda packet and backup materials can be found on the Centerville City website at:

<https://centervilleutah.gov/129/Agendas-Minutes>

A. ROLL CALL

B. DEPARTMENT OR COMMITTEE REPORTS

Department heads or committee chairs may provide updates regarding department or committee assignments or events.

1. Public Works Director Report

Mike Carlson will give a report on the Public Works department

C. CLOSED SESSION

The City Council may vote to discuss matters in a closed session for reasons allowed by law, including, but not limited to, the provisions of Utah Code § 52-4-205 of the Open and Public Meetings Act, and for attorney-client matters that are privileged pursuant to Utah Code § 78B-1-137.

D. ADJOURNMENT

CERTIFICATE OF POSTING

I hereby certify that this notice and agenda was posted at Centerville City Hall, published on the Utah Public Notice Website, and provided to a newspaper or media correspondent in accordance with the requirements of the Utah Open and Public Meetings Act, including, but not limited to, provisions of Utah Code § 52-4-202.

**Jennifer Robison
Centerville City Recorder**

CENTERVILLE
city
CITY COUNCIL
Staff Report
12/6/2022

Item No. 1.

Title: Public Works Director Report

Initiated By:

Staff Representative: Mike Carlson, Public Works Director

SUBJECT:

Mike Carlson will give a report on the Public Works department

RECOMMENDATION:

BACKGROUND:

ATTACHMENTS:

1. Public Works Annual Review
2. City Council Information Sheet
3. Truck and Trailer

Public Works Semi-Annual Review

November 1st, 2022



Headlines

**This city has around 20 days of fresh water left.
Officials are racing to find another source
(CNN)**

A city in New Mexico has about 20 days of fresh water left, and officials there are scrambling to find another source to prevent cancer-causing particles from flowing out of faucets

Now, one of the city's two reservoirs is filled with contaminated water that the current filtration system cannot handle. It's also a health risk -- when carbon reacts with high levels of chlorine used to treat water, it can become carcinogenic.

Headlines

Unsafe water challenges Jackson, Miss., restaurant owners, who must look elsewhere
"There is some fear of the water supply being fit for consumption, so they chose to go to outlying cities that do not have the boil water notice," Fontaine said.

Jackson has dealt with boil water notices for decades, Malachi's mom, Kandi Bouldin, says she bought a \$5 kiddie pool and put it in the kitchen to store the water they boil. But she says cooking is still hard because you not only need clean water to cook, you need it to do the dishes, too.

Sunset City residents asked to flush their water due to over-fluoridation

SUNSET, Utah – Sunset officials warn residents to run their water for several minutes before use due to chemical imbalance.

Officials with the Department of Environmental Quality said the Weber Basin Water Conservancy District – Central uncovered an equipment malfunction with the fluoride feed station, which injects fluoride into Sunset City water, on Wednesday at approximately 10 a.m.

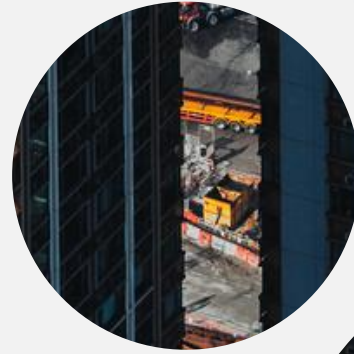
“This malfunction caused an overfeed of the fluoride chemical in water delivered to the city. It has been determined the malfunction began the day prior,” reads the statement from DEQ. After being notified, samples were collected in Sunset, and it was confirmed that some drinking water was over-contaminated with fluoride.

“Of the eight initial samples taken, three samples exceeded the Environmental Protection Agency (EPA) fluoride maximum contaminant level (MCL) of 4 mg/L,” according to the DEQ statement

Tonight's Agenda

Our Main Focuses

- Keeping the City in compliance with the Water, Drainage, Streets
- Training a Young Crew
- Development of New Staff into new Roles
- Keeping up with the Projects and Problems



Problems We Are Facing

- Drought

Well levels dropping, Weber Basin cutting our allotment by 50 AF, Flip The Strip, Water Conservation

- Morale

- Training

- Hiring

- Supply Chain

Receiving Meters, Waterline parts take 30 to 40 Weeks, Cement, Truck Parts



Goals

Employee Training opportunities

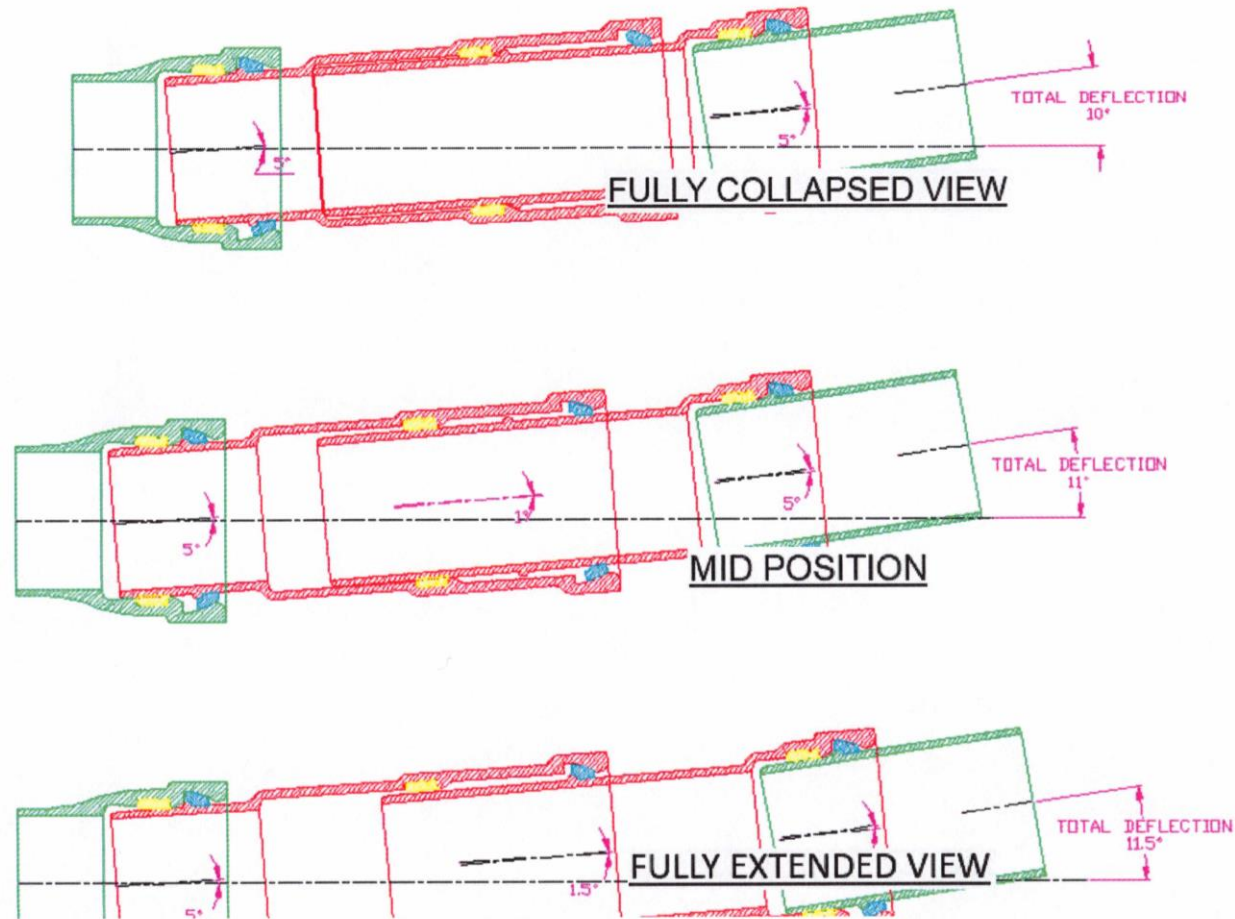
- Work on department morale
- Continue working with each staff member and working on their growth
- Find training that will development each staff member in their career path

Projects

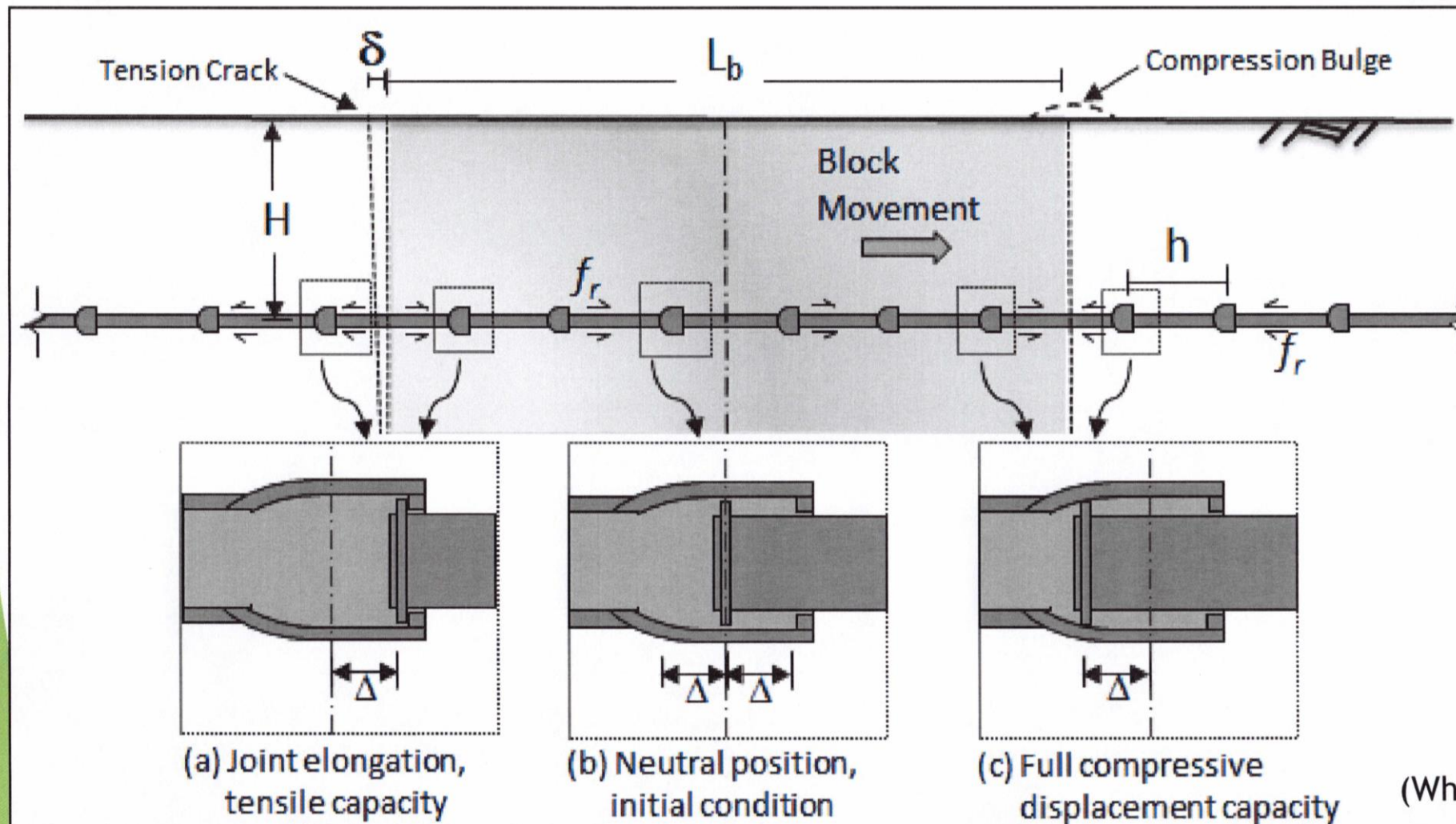
- Start the new reservoir
- Plan the next years water, drainage, road projects
- Finish up the Water Smart Grant, if we can get meters
- Next Years Budget
- Budget for the fleet program

SEISMIC FITTING EXAMPLE

DEFLECTION UP TO 11.5° (4" to 12" Diameters)



Hybrid segmented pipe response to block movement

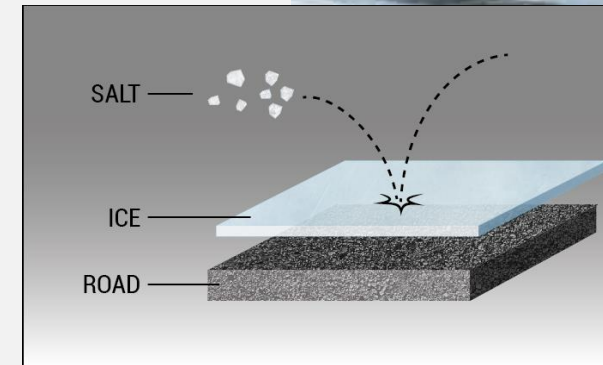


(Wham & Davis, 2019)

Western Snow and Ice Conference

A few takeaways from the conference I attended last week.

1. Be proactive with your social media platforms. The work we do affects everyone in the community every day!
2. Source protection, make sure we are conscious of the amount of material we are applying to our roads. Salter calibration plays a big part in controlling application rates, educating drivers on proper application rates also helps with source protection.
3. Mobile sensing technology. Surface/air temperature sensors are effective in providing accurate real time temperatures and allow drivers to see if there is “grip” for tires on the pavement surface. These sensors can improve efficiencies in product application throughout the driver’s route and help determine weather or not treatment is needed.
4. Prewetting helps keep the salt on the road and you use less salt.



We would like to thank City Council for their support over the last year

One Item that is note worthy

The money you appropriated for the water fund to do maintenance in different areas. On the 400 West overlay, we went in to replace the valve bolts on eleven valves and there were two valves, one was leaking and the other blew off while they were digging down to fix the bolts.



City Council Handouts

Morale of the Public Works Department: I feel we are doing better, but we still have a way to go. We've had some building periods and we will continue to look for more opportunities.

Grants

Stag Grant Ear Marks

Reservoir: \$1.5 million match \$.5 million (money should be here in January, February, or March)

ASR Project: \$4 million declined. We're looking for new "ear marks" coming out in December

Bureau of Reclamation Grants

Department New meters and Radios: \$75,000, match \$75,000 for \$150,000 total. Currently in the process of installing the meters and radios.

Tel-metering radio replacement: \$45,000, match \$45,000 for \$90,000 total. We should hear anytime on this

Wasatch Front Region Council

400 East Pages to 400 South: \$1.3 million, we have the funding, and we will start in the next two to three years

400 East 400 South to 100 South: \$1 million, we have the funding, and we will start in the next two to three years

400 North 1250 West to the Bike Trail: \$200,000, we have the funding, and we will start in the next two to three years

U-Dot Grant

1250 West 400 North, north to the bike trail: \$755,000, we have the funding, and we will start in the next one to two years

Pages and 400 East U-Dot Traffic Signal Radar Grant 12,000.00. This is a no-cost for Centerville City, will be installed as soon as parts can get here

CDBG

Pedestrian Grant \$75,000 (completed)

New Grant that we have applied for of 150,000 we have a letter of intent turned in.

Projects

This year's Drainage, Street and Waterline jobs

- Young Power Sports waterline
- The Hive waterline

- The Lane waterline
- New Home water service, Current
- Canyon View waterline, Current
- London and Cottonwood Drainage, street and waterline projects, Current
- Hogan waterline/ storm drain line
- Summerhill Lane sub-division

Next Year's Water, Street and Drainage Projects

Linda Loma, 340 East, Wil-Mar Circle, 200 East Cottonwood to Casa Loma, Deerfield, Cottonwood to Casa Loma

Drainage Department

Drainage had 12 violations in the last 7 Months (mud on the road, concrete washout, materials in the road etc.

Legacy Granite violation dumping cuttings into the stream channel

GIS Department

Next year's green waste for next year

Time spent working on grants

Chase and 400 East traffic problem

Working through not being able to get parts and supplies

Street Department

Permitting

14 approach permits

34 park strips permits

Water Conservation

Flip the strip

Slow the Flow rebates to our citizens

Water Sample

Well samples every year

Lead and Copper samples every 3 years

Quarterly THM & HA5 bi-production and disinfection sampling

15 Bacterial samples monthly

Fluoride water samples three times per week with a monthly report

Preparing for the UCMR 5 EPA, for years 2023, 24, 25

Water Reports

Water Conservation Report: every five years with updates, improvements, and accomplishments. New requirements coming

Source Protection Plan: every seven years updated with accomplishments

Backflow

Backflow: The City has 560 hazards at 435 sites

Training Notes

Three Phases of Training: 1. New Staff. 2. Development of new staff in their new roles 3. Senior staff keep up with the new rules and regulations

One on one training and encouragement

Collage Class, preparing for a career here at the city, Alberto

New crew operators training

Management training, Cameron and Ferrin

Water CEU trainings, all water staff

Wheeler equipment operation training, Alberto, Chuck, Jace

After action training, all employees:

CPR, most all employees

Certified flagging and work zone set up training, most all employees

Safety Meeting every month, all employees

Trailer safety revamping see and out, all employees

Cut off saws, all employees

Training for new water employee

Long range staff training for earthquake training, hazard Training, etc.

Other Items

Emergency Preparedness Fair on Sept 17th

Fire on the hill & two house fires

Truck purchasing and quicker trade program

Looking at the Fleet Program

Approved Towing Vehicles

Truck #	Description		Hitch Type
104	Ford Flatbed		40,000 lb Pintle
222	Bobtail		90,000 lb Pintle
223	Bobtail		2 5/16 16,000 lb Pintle ball
227	Bobtail		90,000 lb Pintle
220	10 Wheel		90,000 lb Air Pintle
225	10 Wheel		90,000 lb Air Pintle
203	CV Flatbed		2 5/16 16,000 lb Pintle ball
206	F-550		2 5/16 20,000 lb Pintle ball