

City of Fremont Update



Here We Grow

Date: March 12, 2021

To: City Employees/ City Boards/ Mayor & City Council

Joint Water Management Advisory Board Hears Reports on Flood Mitigation Efforts

The Joint Water Management Advisory Board, comprised of officials from twelve local political subdivisions (Dodge County, Inglewood, City of North Bend, Fremont, Lower Platte North NRD, Ames Dike District, Cotterell Diking & Drainage District, North Bend Drainage District, SID #3 Ventura, SID #5 Timberwood, Elkhorn Township and Platte Township), met on February 23 to hear progress on some of the flood mitigation efforts since the March 2019 flood. The chart below summarizes the work and federal funding the Board has been able to secure after the flood.

The number of projects the Board has been able to move forward is a good example of how working together can truly benefit everyone in Dodge County. Sure, the devastation from the flood has a lot to do with the Board's success, but had it not been for the collaborative effort of everyone working together to minimize effects from future floods, I do not think this level of funding would have been possible. Over \$22 million in funds is worth celebrating!

Core Strategy	Projects	Project Sponsor/Applicant	Funding Source	Project \$	Local Share
1. Non-Structural Planning	1.1 Rawhide Creek Watershed Plan- EA	Dodge County	NRCS-EWP	\$745,000	25%
	1.2 LPNNRD Multi-jurisdictional Hazard Mitigation Plan	LPNNRD	FEMA Mitigation	N/A	25%
	1.2 LENRD Multi-jurisdictional Hazard Mitigation Plan	LENRD	FEMA Mitigation	N/A	25%
2. Structural-New Projects Structure	2.1 Elkhorn Township/East Fremont	Dodge County	FEMA Mitigation-4420 404 program	\$800,000	25%
	2.2 Platte Township/West Fremont	Dodge County	FEMA Mitigation-BRIC Program	\$250,000	25%
3. Structural-Existing	3.1 North Bend Cutoff Ditch	North Bend Drainage Ditch-Dodge County	FEMA Mitigation-4420 404 program	\$1,633,357	25%
	3.2 Rod and Gun Club-Breach Lake	Dodge County	CDBG-EM	\$1,000,000	25%
	3.3 North Bend Levee	LPNNRD	FEMA 4420 428 Program Funds	\$1,000,000	25%
	3.4 City of Fremont, Railroad, Farmland Levee	City of Fremont	FEMA 4420 428 Program Funds and CDBG-EM	\$450,000	25%
4. Structural-Individual Flood Proofing	4.1 Dodge County Elevations	Dodge County	FEMA Mitigation-4420 404 program	\$388,060	25%
	4.2 Fremont Elevations-FEMA	City of Fremont	FEMA Mitigation-4420 404 program	\$204,650	25%
	4.3 Fremont Flood Proofing-USACE	City of Fremont	USACE-205	\$11,313,053	35%
	4.4 Winslow Acquisitions	Village of Winslow	FEMA Mitigation-4420 404 program	\$4,756,563	25%
5. Non-Structural-Warning Systems	5.1 Platte River Monitoring	Dodge County	FEMA Mitigation-4420 404 program	\$27,364	25%
	5.2 Fremont Sirens Study - Silver Jackets	City of Fremont	USACE	\$235,600	15%
Total Project Costs				\$22,803,647	

There is no job so important and no service so urgent that we cannot take the time to do the work safely!

Total Electric & Gas Usage Up Slightly in February

From February's billing summary, it seems that the frigid temperatures last month resulted in higher consumption of electricity and gas by Fremont customers. Total electric consumption was 42,430,548 kilowatt-hours (kWh) this year compared to 41,147,205 kWh last year. This is a 3.12% increase in consumption of electricity. In regards to natural gas, this year's consumption was 4,067,371 CCF (one hundred cubic feet) compared to 3,854,967 CCF consumed last year or an increase of 5.51%. That is not to say that all customers will see an increase in their electric and natural gas bill. It simply means on average, customers consumed more electricity and natural gas this year than they did last year.

This stands to reason because February was the 5th coldest month on record from 1887 to 2021. The average temperature in February was 25 degrees, while the normal average temperature is 40 degrees. The cold weather accumulated 1,391 heating degree day units, which compares to 1,037 normal heating degree day units in February. (A heating degree day is a measurement designed to quantify the demand for energy needed to heat a building. It is the number of degrees that a day's average temperature is below 65-degrees Fahrenheit, which is the temperature below which buildings need to be heated.)

Hackers Attempt to Poison Water Supply in Florida Town

In a cyberattack on February 5, hackers remotely accessed the water treatment plant in Oldsmar, Florida, briefly changing the levels of lye in the drinking water. Pinellas County (Fla.) Sheriff Bob Gualtieri said in a press conference that the level of sodium hydroxide—the main ingredient in drain cleaner—was changed from 100 parts per million to 11,000 parts per million. The breach was caught before it could cause harm.

Authorities reported that an employee noticed someone else was controlling his computer, but dismissed it as the city has software that allows supervisors to access computers remotely. The employee then noticed that different programs were being opened, and the lye levels had been changed. Gualtieri said the intrusion lasted between three and five minutes.

Unlike Oldsmar, Fremont does NOT have our drinking water software tied to the Internet, so hackers cannot remotely access our software to make changes.

News in Numbers

48% - The proportion of parents who are worried that their child will be behind when the pandemic is over. Parents also worry their child is missing out on the non-academic aspects, like socialization skills, that school teaches too.

New Jet Truck

The picture on the right is the new "small" jet truck the City purchased in 2020. The demand for jetting and vacuuming requires the City to have two jet trucks, so it made sense to buy a jet truck for the smaller jobs like potholing (using the vacuum to excavate around poles, pipes, and wires).



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