



MOUSE
RIVER
PLAN

Mouse River Plan PROGRESS was developed by the Souris River Joint Board and its' partners to keep project stakeholders, constituents, and the region updated on the progress of the Mouse River Enhanced Flood Protection Project (MREFPP). The MREFPP is a basin-wide endeavor focusing on flood risk reduction along the Mouse River. The estimated \$1 billion project was initiated following the devastating 2011 flood and is anticipated to be completed in 20 years.

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PROGRESS



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PHASE MI-1 CONSTRUCTION UPDATE 4TH AVE/PUMP STATION

The end of 2019 brought continued work in multiple areas of the Phase MI-1 Fourth Avenue floodwall project. Crews opened up the intersection of Third Street NE/Fifth Avenue NE in early November. Access at this intersection is also open to the east, along Fifth Avenue NE that connects to Fourth Avenue NE/Railway Avenue. Pedestrians are encouraged to use the west side of the intersection for going north/south through this part of Minot. Efforts are underway at this intersection to get intersection signal footings poured and ready for new intersection signals in 2020.

With light snow so far this winter, contractors are able to access the work areas easily and continue pushing toward completing the nearly 2,000 linear feet of floodwalls just north of the Mouse River. Crews are pouring floodwall footings and vertical portions of the walls, as temperatures allow.

The vast majority of the below grade work connected to and underneath the Broadway Pump Station is complete, with crews now focused on building the above grade portion of one of the largest pump stations in the state. Winter shelters are currently in place that will allow the contractors to build the vertical walls necessary, before the crews will use cranes to set key, large-sized equipment needed to run the pump station. The projected finish date for the overall project remains the spring of 2021.

NOTICE PUBLIC MEETING

The Souris River Joint Board and the City of Minot invite you to a Public Input Meeting for the Mouse River Enhanced Flood Protection Project Phase MI-5 Northeast Tieback Levee.

- Monday, February 10, 2020
- Open House, 6:30 p.m.
- Formal Presentation, 7 p.m.
- Roosevelt Elementary School, Door 1
(715 8th St. NE, Minot)

If you have any questions, please contact Odney at 701-857-7205.



PHASE MI-2 & MI-3 CONSTRUCTION UPDATE NAPA VALLEY/FORREST ROAD

With the onset of winter conditions, construction on Phase MI-2 and MI-3 has slowed outside of a few key items the contractor will continue to work on as conditions allow. Wagner Construction has begun excavation for the slope stabilization on the south side of the Mouse River, immediately west of the City of Minot's Water Treatment Plant (WTP). The existing slope will be excavated from near vertical to a 2:1 and will include rip rap and turf reinforced mat (TRM) to protect the riverbank and adjacent properties from future erosion.

Installation of the 30-inch raw water main also continues despite the less favorable conditions. The 30-inch watermain delivers raw water to the WTP from the Minot Aquifer through groundwater wells located throughout the valley. Wagner has installed a majority of the main line pipe with pressure testing and connections to the existing watermain remaining. This work was scheduled for the winter months during which water demand is decreased in order to diminish effects on water supply as well as allow more time to make the final connections.

Items scheduled for construction in the spring of 2020 include installation of the remaining portion of the NAWS 36-inch watermain, removal of existing utilities beneath the proposed levee footprint immediately west of 16th Street and well as completing the remaining 300 feet of levee. Rip rap placement near and beneath the 16th Street bridge will be completed as river conditions and weather allow. The new Wee Links Parking Lot remains to be completed as well as restoration and finishes throughout the project such as seeding, landscaping, tree planting, concrete and asphalt paths, park benches, and site lighting. The project is scheduled to be completed by the end of summer.



StARR Program

The StARR Program was developed by the Souris River Joint Board as a potential solution to address continuous flooding challenges for private landowners throughout the rural areas of the Mouse River Basin. The program contained options for landowners to receive assistance through funding from the ND State Water Commission, City of Minot Sales Tax collections directed at flood protection, and a local share of 5%, for the purpose of structure acquisition and demolition, structure relocation, or the ring diking of property. The North Dakota State Water Commission and US Army Corps of Engineers Silver Jackets Programs were also project partners.

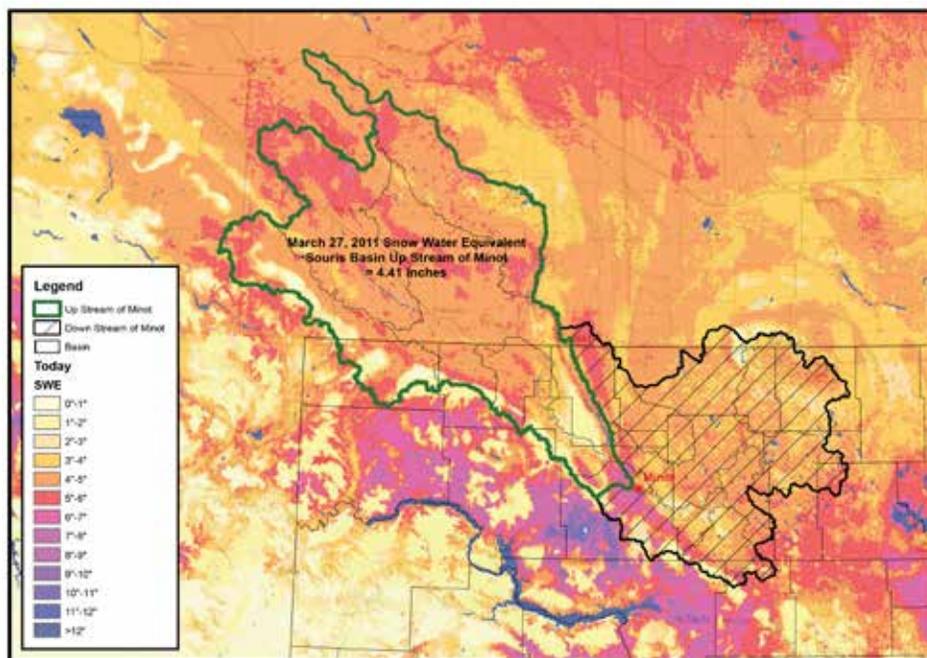
The program requirements were adopted by the Souris River Joint Board in January of 2016 and the ND State Water Commission approved the cost-share participation in March of 2016. Individual meetings were conducted with property owners to determine the best solution for each situation. Appraisals, offers, acquisitions, demolitions, relocations and ring dike construction has been ongoing since 2016.

The program has assisted 35 property owners within Renville, Ward and McHenry counties. One ring dike is currently in design and expected to be constructed in 2020. Three participants were involved in structure relocations, including one home. There were a total of 166 structures acquired with 135 of those demolished and 17 of those were resold.

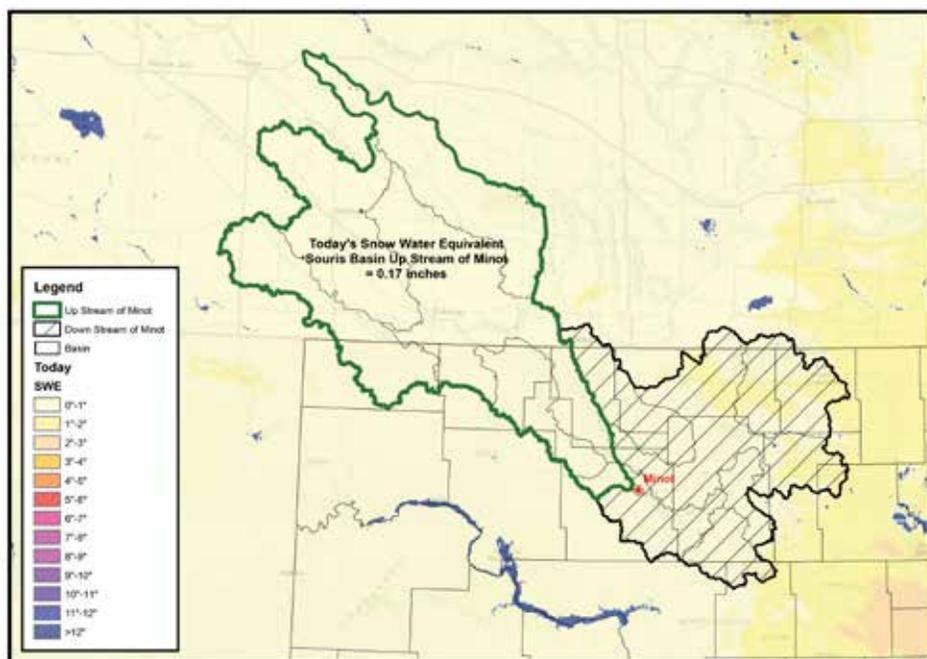
The program is currently not available due to a lack of additional funding. If further funding becomes available, the Souris River Joint Board will assess the situation and determine if there is still an interest in the program.

Did you know?

Engineers are continuously monitoring snowpack levels and there is little to no snowpack in the basin (as of this publication), particularly in the northern basin. The images below show the snow water equivalents in 2011 and in 2020 for comparison. These images are generated by the National Oceanic and Atmospheric Administration.



NOAA Snow Water Equivalent
March 27, 2011



NOAA Snow Water Equivalent
January 15, 2020