

# City of Revere

Stormwater Resiliency and Urban Sustainability



*A deteriorated Storm Sewer Drain in Revere, MN*

## Project Information & Scope

The City of Revere's **storm sewer system is undersized and deteriorated** due to its age. It is unreliable and puts residents at **greater risk of localized flooding**. The city streets are also heavily **deteriorated** and require significant ongoing maintenance partially due to **improperly constructed** utilities. Excessive street width is not environmentally or financially sustainable.

**The most viable option is to rebuild and reduce the size of city streets and replace the aging and deteriorating storm sewer system.**

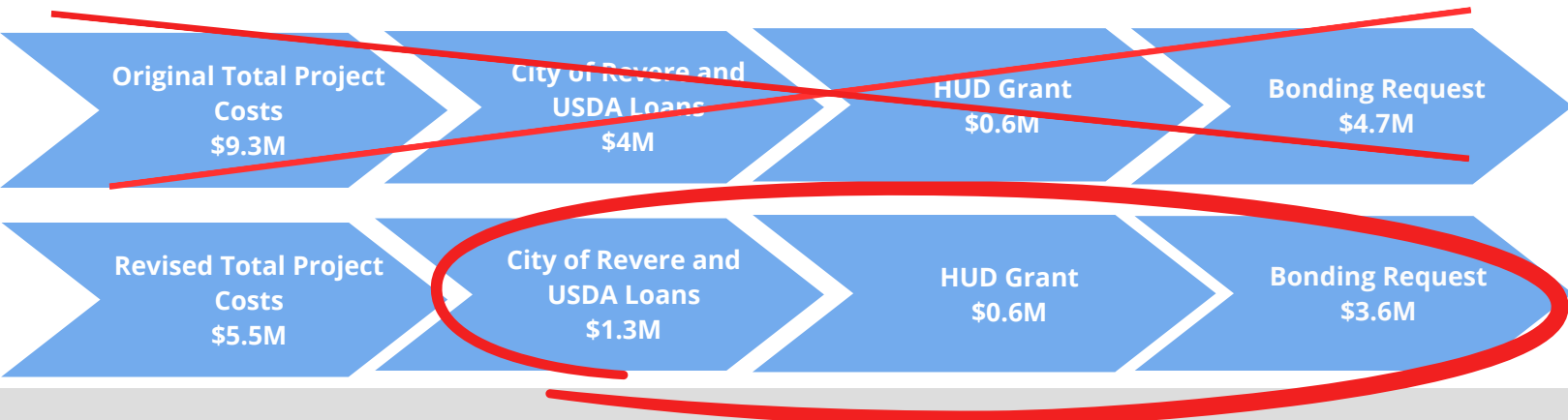
- Narrowing the streets accomplishes the City's goals of increased sustainability through increased green space, decreased stormwater runoff, stable and smooth pavements, and reduced future maintenance
- Installing new storm system pipe and structures will provide reliability and dependability. The current system is actually the former sanitary sewer system from the 1950's and is now being used for storm sewer.
- Installing appropriately sized pipe that meets design standards will accommodate existing and future rainfalls, which have increasing intensity.
- With the recommended alternatives in place, systems will meet the requirements set forth by MPCA and will improve the quality of life for the residents of the city.

## Project's Future Savings and Benefits

- 25% reduction in pavement area reduces storm runoff to benefit aquifer and environment
- New and reduced street width will drop city maintenance costs 86%, from an average of \$175,000 to \$24,000 annually, over the road's 40-year lifespan

## Project Affordability at a Glance

- Population of Revere is 88
- Revere is located in Redwood County, 50 miles west of New Ulm
- Ranked in the bottom 4% for adjusted net tax capacity.
- 63% of the households in Revere, are low to moderate income household; 20% fall below the actual poverty line
- Median household income is just \$46,387
- Average water and sewer bills exceed \$100/mo
- As part of this project, the city will establish a reserve/replacement account.



The City of Revere is not eligible for low interest rate, 40-year repayment options. With 3.6 million in state bonding, the city will leverage \$1.3 million in 20-year USDA loans, plus a \$0.6 million HUD Grant, and will reduce annual maintenance by 86%