



# RNC PROGRAM COMPLIMENTS CSO PROGRAM EFFORTS

The City of Omaha continues to implement a program, referred to as RNC, or renovation of combined sewers. Original program goals included sewer separation and rehabilitation to address frequent basement backups due to sewer capacity limitations. Many projects in this program resulted in localized separation that redirected storm and sanitary flows to re-enter the combined system further downstream. During the CSO Program's Long Term Control Plan (LTCP) basin studies, several RNC projects were evaluated to determine if they could support CSO efforts.

While the RNC program is separate from CSO; crossover of procedures, plans, standards, and guidance documents occur between the two programs. RNC projects are closely coordinated with CSO Program projects and often complement LTCP sewer separation projects. Although the intent of RNC projects is not to achieve a reduction in impacts at CSO outfalls, RNC projects are designed in a manner to ensure that they do not result in negative impacts downstream. If possible, RNC projects are designed to help achieve CSO Program goals, including reduction in frequency, magnitude, and duration of overflows, and ultimately improved water quality.

While the two programs remain separate City of Omaha endeavors, ratepayers benefit when they are closely coordinated. Together, these programs have reduced basement backups, improved water quality and helped the City achieve a greater return on sewer separation investments.



## RNC Program Benefits

- Sewer separation and rehabilitation to reduce basement backups
- Reduce street flooding



## RNC Projects

- 18th & Fort Street Project
- 20th & Poppleton Sewer Separation
- 26th & Corby Sewer Separation
- 39th & Fontenelle Sewer Separation
- 49th & Caldwell Area Sewer Separation
- Country Club Phase 2 Sewer Separation



49th & Caldwell Area Sewer Separation



Country Club Phase 2 Sewer Separation