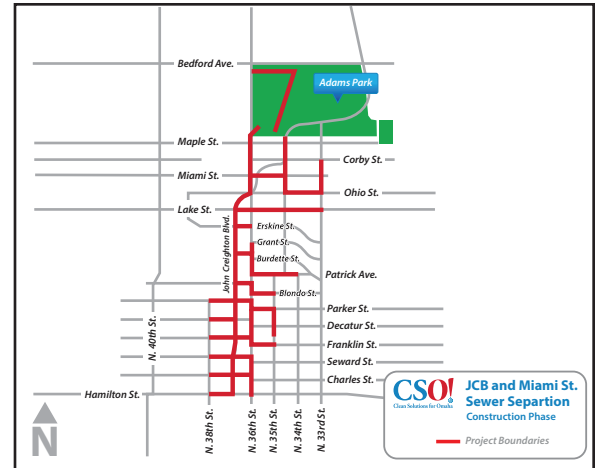


John Creighton Boulevard & Miami Street Phase 1 Sewer Separation & Adams Park

The John Creighton Boulevard (JCB) Stormwater Conveyance Sewer Project is part of the City of Omaha's Combined Sewer Overflow (CSO) Long Term Control Plan. The Project consists of sewer separation and wetlands designed to reduce CSO volumes, sewer backups, improve water quality, and provide a neighborhood amenity.

The sewer separation project area encompasses the JCB and Miami subareas and consists of 273 acres of predominantly residential property generally bounded by Hamilton Street on the south, Maple Street on the north, 33rd Street on the east and 38th Street on the west. The existing combined sewer was converted into a sanitary sewer that provides sewer separation for the sub-basin. Approximately 27,000 linear feet of storm sewer was constructed and consisted of pipes as large as 84 inches in diameter to as small as six inches in diameter. New storm sewers drain into a new wetland area in Adams Park.

The Adams Park wetlands and detention area is designed to provide the maximum practical stormwater storage to reduce the peak flow rate conveyed to the downstream sewer system. The wetlands consist of an area covering approximately 14 acres, separated by the park road. A low dam with emergency spillway was constructed on the north side of the park, near Bedford Avenue, to provide detention volume of up to approximately 77 acre-feet, which will detain the 100-year storm flow rate. The wetland facility is designed to provide water quality benefits and enhance the park amenities.



COMPLETED:

December 2016



COST AT COMPLETION:

\$26,297,926



PROJECT LOCATION:

John Creighton Boulevard,
N 33rd Street to N 38th Street



Looking south over the Adams Park wetlands and detention area.



A City of Omaha Public Works Initiative
Report Street Flooding and Sewer Backups: **402-444-5332**
Contact the CSO Program Hotline: **402-341-0235**
Email: **Info@OmahaCSO.com**

Omaha's wastewater infrastructure includes a combined sewer system. This system collects rainwater runoff, domestic sewage and industrial wastewater into a pipe Conveyance system. In times of severe wet weather, the system has the potential to reach or exceed capacity causing backups or overflow to nearby streams, creeks and the Missouri River without treatment, causing potential risk to human health, wildlife and the environment. In 2006, in an effort to comply with Environmental Protection Agency and the Federal Clean Water Act (CWA) water quality requirements, the City of Omaha initiated the Clean Solutions for Omaha (CSO) Program to study, plan and update infrastructure to improve and ensure water quality in the community.

As a result, Omaha and its CSO Program are among more than 772 U.S. cities required by federal mandate to improve water quality in local rivers and streams.

IMPROVED WATER QUALITY HAS BENEFITS

Updating infrastructure dating back to the 1860s certainly creates significant challenges, but not without benefit. Aside from improving water quality for the community, projects offer opportunities for additional neighborhood enhancements including new streets, curbs, pedestrian ramps compliant with the American Disabilities Act and driveway approaches. New trees, plants and other green infrastructure features, such as bioswales, rain gardens or ponds for water retention add beauty and recreational features to some projects.

FUNDING THE PROGRAM

The CSO Program is primarily financed by 30-year revenue bonds issued in increments periodically, as approved by the Mayor and City Council. Sewer fees will be used to pay off the bonds—60% from residential customers, 30% from industrial and commercial users, and 10% from regional customers who use the City's sewer services.

RATEPAYER ASSISTANCE PROGRAM

Recognizing that increased sewer use fees may become a hardship for some residents, in 2011 the City took a proactive role to identify and implement a Ratepayer Assistance Plan to help low and fixed income households. Ratepayers are eligible if they qualify and receive Lower Income Heat and Energy Assistance Program (LIHEAP) benefits from other local utilities. The Ratepayer Assistance Program helps keep administrative costs to a minimum while providing the maximum benefit to those who need it. **For assistance or to apply for Nebraska LIHEAP, call 800-383-4278.**

JOB CREATION: LOCAL LABOR AND MATERIALS

The City and the CSO Program actively encourage local labor and the use of locally purchased or locally available materials. Through the City's Small and Emerging Small Business (SEB) Program, businesses of all sizes have the opportunity to bid or work on CSO Program contracts and projects. **For more information about Small and Emerging Small Business opportunities, call 402-444-5055.**