

Missouri Avenue Sewer Separation SPRING LAKE PARK PROJECT



PROJECT SCHEDULE:

- Phase 1 – completed 2017
- Phase 2 – construction is underway; anticipated to be complete 2020



COST OF COMPLETION:

- Phase 1 Construction – \$10.9 million
- Phase 1 Plantings – \$320,000



PROJECT LOCATION:

- Bounded on the north by Interstate 80; on the east by the Missouri River Levee; on the south by Missouri Avenue; and on the west by 24th Street.



The purpose of the Missouri Avenue Sewer Separation / Spring Lake Park Project was to provide sewer separation to the project area through installation of both new storm and sanitary sewer pipe and eliminate combined sewer overflows (CSOs) to the Missouri River.

Spring Lake Park, established during the 1870s, originally contained three small ponds. However, due to concerns with disease, the ponds were drained in the 1930s. Two unsuccessful attempts were made to renovate the park. In 1939, a plan was developed but work was not fully implemented due to World War II. Then, in the 1990s, the Spring Lake Park Habitat Restoration Team initiated a plan to restore one or more ponds, develop trails through the park, and create a nature learning center. The plan was never carried forward due to lack of funding.

Through collaborative efforts with the Omaha CSO Program design team and the receipt of three grants from the Nebraska Environmental Trust and resources from Omaha Parks, Recreation, and Public Property; Papio-Missouri River Natural Resources District; Keep Omaha Beautiful; Spring Lake Neighborhood Association; and the Spring Lake Park Habitat Restoration and Preservation Team, the design concept helped in the revitalization of the Park by including the creation of a detention pond to reduce peak flows in the sewer system and reuse portions of the existing downstream pipe system rather than building new larger pipe. The concept also incorporated green infrastructure elements that



expanded the park's wildlife diversity and increased recreational opportunities and accomplished the goals of the CSO sewer separation project as well as the vision of the community partners.

The project was implemented in multiple construction contracts - two for sewer separation and two for landscaping. The phased sewer projects provide sewer separation around the golf course and adjacent residential areas. The first phase of sewer separation construction was completed in December 2016. The second phase of sewer separation, covering over 400 acres, was issued construction notice-to-proceed on November 1, 2017 and construction will be completed by the end of 2020.