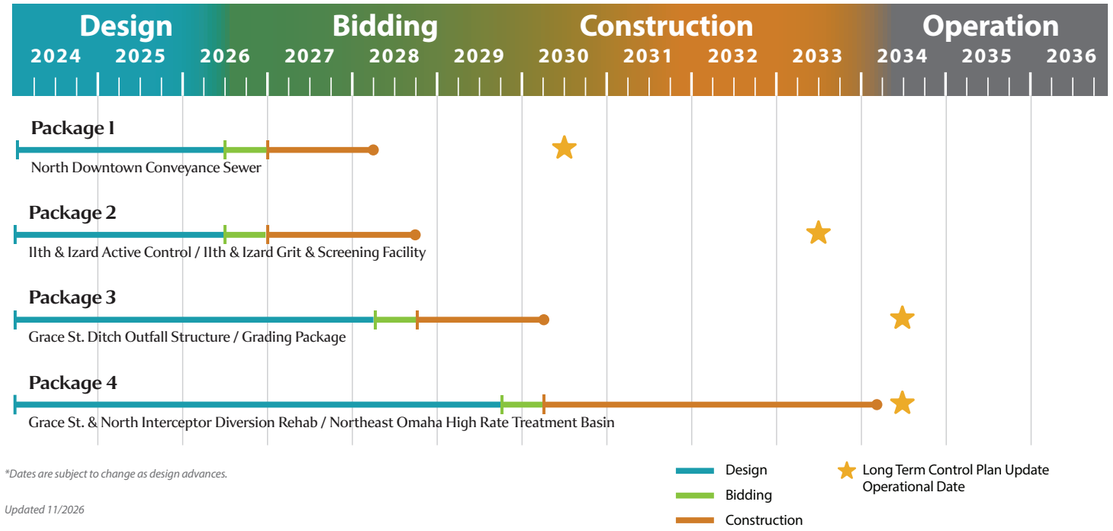
Construction Schedule



*Dates are subject to change as design advances.

Updated 11/2026

Construction Impacts

During construction, the public and community stakeholders should expect temporary impacts associated with ongoing work activities. These may include:

- Construction noise and vibration
- Periodic rock blasting and excavation operations
- Increased construction equipment and truck traffic
- Dust-control measures
- Temporary traffic pattern changes
- Daytime construction crews

We appreciate your patience as these improvements are completed safely and efficiently.

Construction Phase Contacts

Project Team

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Scan Me
Scan the QR code or visit:
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Scan Me
For more information on the NEOHRTB Project – scan the QR code or visit:
keepitcurrentomaha.com

Access to project websites and information are always free.

City of Omaha
1819 Farnam St.
Omaha, NE 68183

Project Delivery

keep it CURRENT

Northeast Omaha High Rate Treatment Basin

Omaha, NE | November 2026

The City of Omaha is advancing its commitment to clean water and regulatory compliance through continued reduction of combined sewer overflow (CSO) discharges. The next major project is the **Northeast Omaha High Rate Treatment Basin** (NEOHRTB). This critical infrastructure investment is designed to address high-volume outfalls along the Missouri River and enhance water quality in the Minne Lusa and Burt-Izard basins in Northeast Omaha.

This project directly supports the City's obligation to meet the 85% CSO volume capture requirement outlined in the EPA's CSO Control Policy Consent Order, while also laying the groundwork for smarter, more cost-effective solutions in the future. By incorporating proactive engineering, the NEOHRTB may reduce the scope or complexity of other CSO control efforts and deliver long-term value to ratepayers.

Identified in the 2021 CSO Long Term Control Plan Update, the NEOHRTB will include:

- Four diversion structures
- Shallow conveyance sewers
- Grit and screening facilities
- Deep conveyance sewer
- High-rate treatment basin

This investment reflects Omaha's dedication to environmental stewardship, regulatory compliance, and infrastructure resilience that benefits both our community and waterways.



The project site is located north of Abbott Drive between 6th and 11th Streets, near the Omaha Levee. Historically, this area has hosted Union Pacific Railroad's Omaha Shops, a construction debris landfill, municipal waste incinerator, and a recycling transfer station.

Project Overview

Project Objectives

- **Integrate improvements** with planned redevelopment.
- Real-time controls to **maximize watershed performance.**
- Advance the City's 85% capture goal to **meet water quality requirements.**
- **Align cost** with operational **system reliability.**

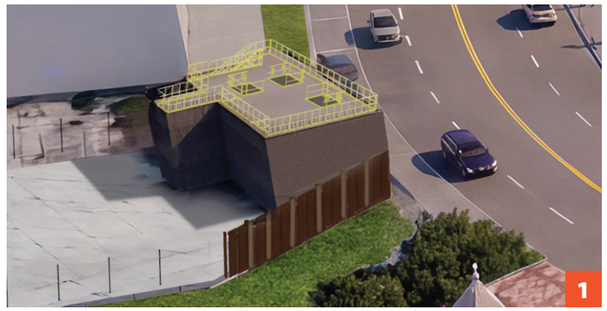
Components

Project Facilities

1 11th & Izard Active Control

This structure will:

- Divert up to 100 MGD of combined sewer flow away from CSO 108 (Burt-Izard).
- Redirecting flows toward the grit and screening facility and ultimately the NEOHRTB.
- Responding to a real-time control system that will monitor maximum capacity at the Burt-Izard Lift Station (BILS).



2 11th & Izard Grit & Screening Facility

Located east of 11th and Izard Streets, this facility will:

- Remove grit and debris from diverted flows.
- Protect the North Downtown Conveyance Sewer from sediment loading.



3 North Downtown Conveyance Sewer

This deep 72-inch diameter sewer (tunnel) will:

- Convey up to 100 MGD of flow from 11th & Izard to the NEOHRTB.
- Be constructed in bedrock beneath existing infrastructure and properties to support future developments.



4 Northeast Omaha High Rate Treatment Basin – 6th Street & Abbott Drive (NEOHRTB)

This 185 million gallons per day (MGD) facility will treat combined sewage during wet weather events. The process includes:

- Treatment of flow with disinfection, solids settling, and dechlorination before discharge to the Missouri River.
- Dewatering of remaining flows back to the collection system for full treatment at the Missouri River Water Resource Recovery Facility (MRWRRF).
- Key infrastructure includes diversion structure, grit and screening facility, wet well and 185 MGD pump station.



Images shown at right are renderings and are for illustrative purposes only.



The Northeast Omaha High Rate Treatment Basin is located north of Abbott Drive and east of 6th Street. This High Rate Treatment Facility (4) will accept flows from the Grace Street Ditch and North Downtown Conveyance Sewer (3) for treatment and discharge to the Missouri River.

Additional Improvements

Grace Street & North Interceptor Diversion Rehabilitation

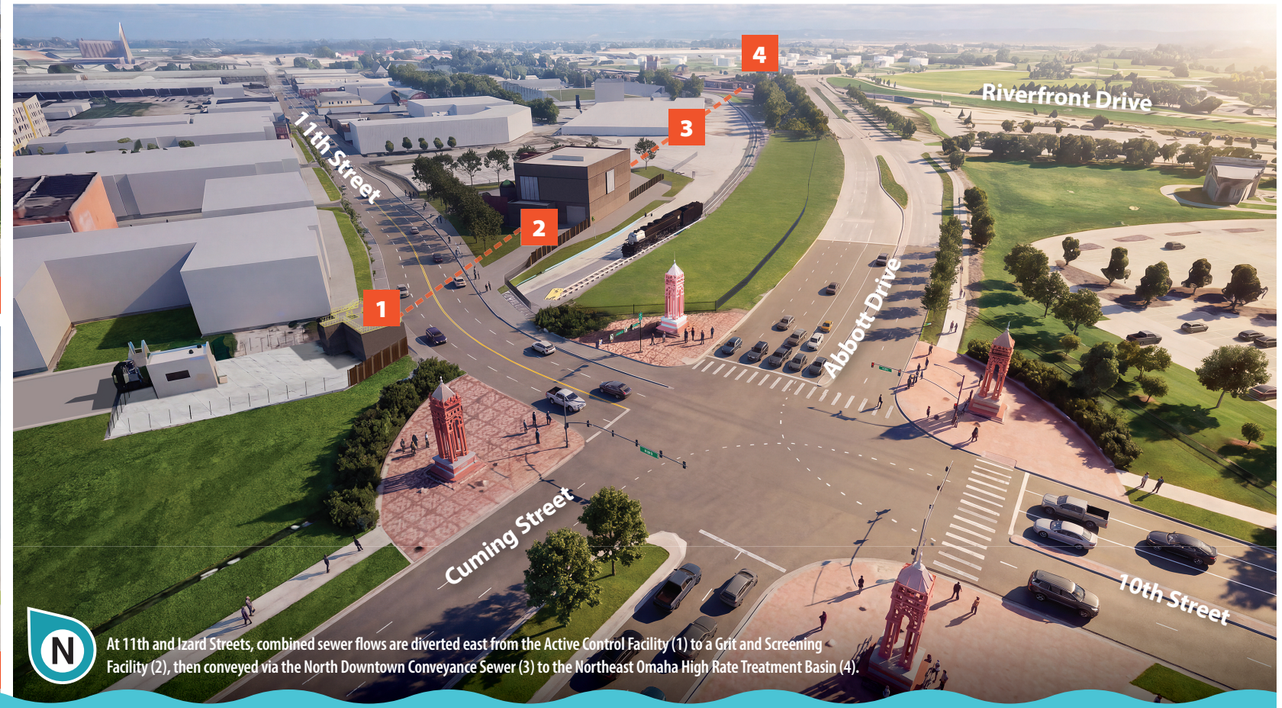
These aging diversion structures will be:

- Rehabilitated and equipped with automated gates to manage wet weather flows.
- Designed to redirect flows to the NEOHRTB, easing pressure on the BILS and reducing CSO discharges in the Burt-Izard Basin.

Facility Real-Time Control – Decision Support System (RTC-DSS)

This smart sewer technology will:

- Use sensors, flow meters, and automated gates to optimize system performance.
- Maximize use of existing infrastructure, similar to the City's Intelligent Traffic System.
- Enhance responsiveness and efficiency in managing wet weather events.



At 11th and Izard Streets, combined sewer flows are diverted east from the Active Control Facility (1) to a Grit and Screening Facility (2), then conveyed via the North Downtown Conveyance Sewer (3) to the Northeast Omaha High Rate Treatment Basin (4).