



Informational Session for Upcoming BSA GSI Program Construction Contracts

Tuesday, June 16th | 1:00 pm – 2:00 pm EST



Opening Remarks



Online
Meeting



Microphones
Muted



Utilize the
Chat Feature



Live
Q&A



Recorded
Meeting



Closed
Caption

The presentation, recording and attendee list will be shared with all attendees.

The presentation and recording will also be posted on the Buffalo Sewer website.

Agenda



Opening Remarks



**Buffalo Sewer Authority's
RainCheck 2.0 Program Overview**



Green Infrastructure Practices



**Upcoming Projects for
Construction**



Construction Bid Requirements



**D/M/WBE
Requirements, Certifications, &
Resources**



Feedback and Q&A Session

Presenters

OWNER

B U F F A L O
SEWER AUTHORITY

Rosaleen Nogle, PE, BCEE
Principal Sanitary Engineer

QCCW

TYLin

Kathryn Ferrarese, PMP
Program Manager

GREEN INFRASTRUCTURE

 **Stantec**

Stephanie Alessandrini, PE
Program Manager

Disclaimer

- This Presentation is provided as of June 16, 2026.
- If you are viewing this Presentation after that date, subsequent events could have a material effect on this information.
- By presenting this information, Buffalo Sewer has not undertaken any obligation to update the information beyond the date of the Presentation.
- Data and other information provided are not warranted as to completeness or accuracy and are subject to change without notice.
- The views, policies, programs, and practices reflected herein also are subject to change without notice.
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Accessing Consultant, Contractor & Supplier Opportunities

- Go to buffalosewer.org
- Hover your mouse over the top header titled "How Can We Help You"
- Click the sub header: "Consultant, Contractor and Supplier Opportunities"

buffalosewer.org/how-we-can-help-you/consultant-contractor-supplier-opportunities/

VIEW UPCOMING CAPITAL PROJECT PROCUREMENT OPPORTUNITIES (BIDS, RFP, RFQ)

ADVERTISEMENT TO BID: COLORADO AVENUE – CSO053 SPP 337 MODIFICATIONS

by John Ovak | Jun 4, 2026 | Bid Opportunities, Consultant, Contractor, Supplier Opportunities, News & Updates, Vendor, Bid, RFP & RFQ Opportunities

Sealed bids shall be received, opened, and publicly read aloud by the Buffalo Sewer Authority at its offices, 1038 City Hall, Buffalo, New York 14202, at 11:00 AM EST, on Thursday, July 9, 2026, for the "Colorado Avenue – CSO053 SPP 337 Modification". A virtual...

ADVERTISEMENT TO BID: BIRD ISLAND WASTEWATER TREATMENT PLANT STEAM SYSTEM IMPROVEMENTS

by John Ovak | May 6, 2026 | Bid Opportunities, Consultant, Contractor, Supplier

CATEGORIES

Bid Opportunities (42)

Construction Projects (14)

Consultant, Contractor, Supplier Opportunities (33)

News & Updates (82)

Public Comment (4)

Queen City Clean Waters (12)

RFP & RFQ Opportunities (12)

Uncategorized (3)

Vendor Opportunities (18)

Vendor, Bid, RFP & RFQ Opportunities

Program History



BUFFALO
SEWER AUTHORITY

QUEEN CITY CLEAN WATERS



• CLEAN • WATERS

AND A RESILIENT BUFFALO

50+
SITES

\$2
BILLION

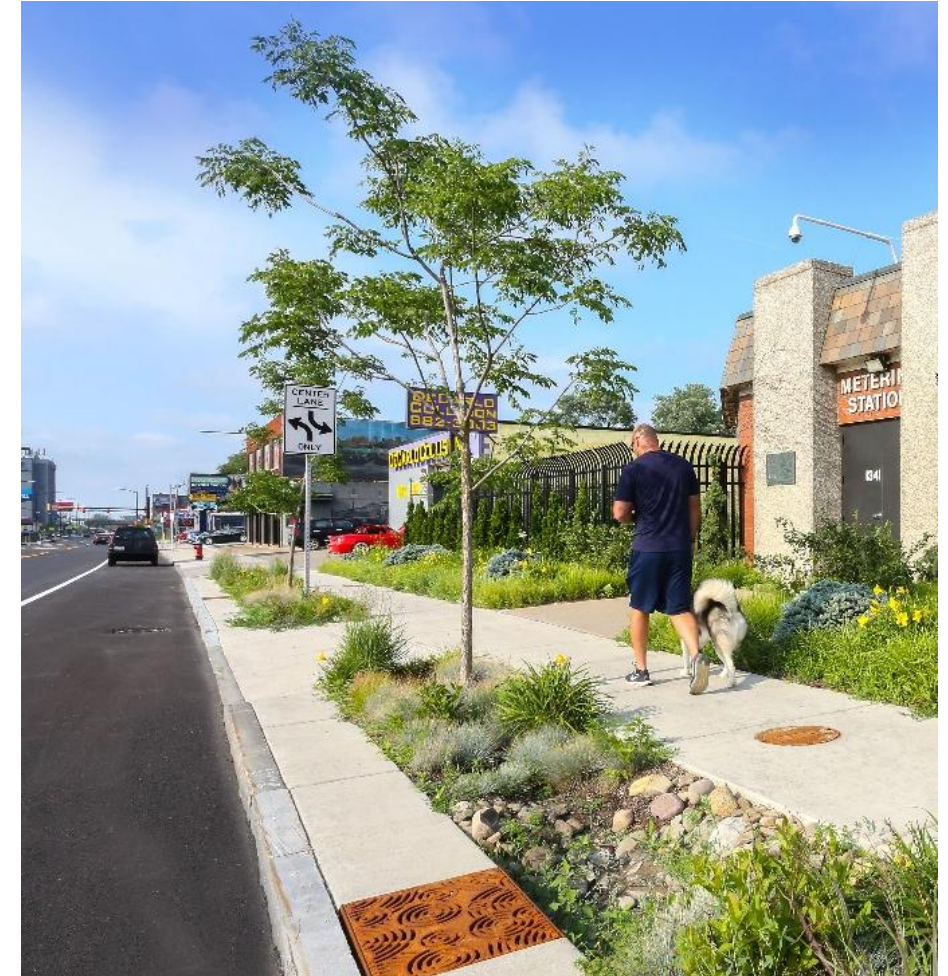
BY
2040



RainCheck 2.0 Program Overview

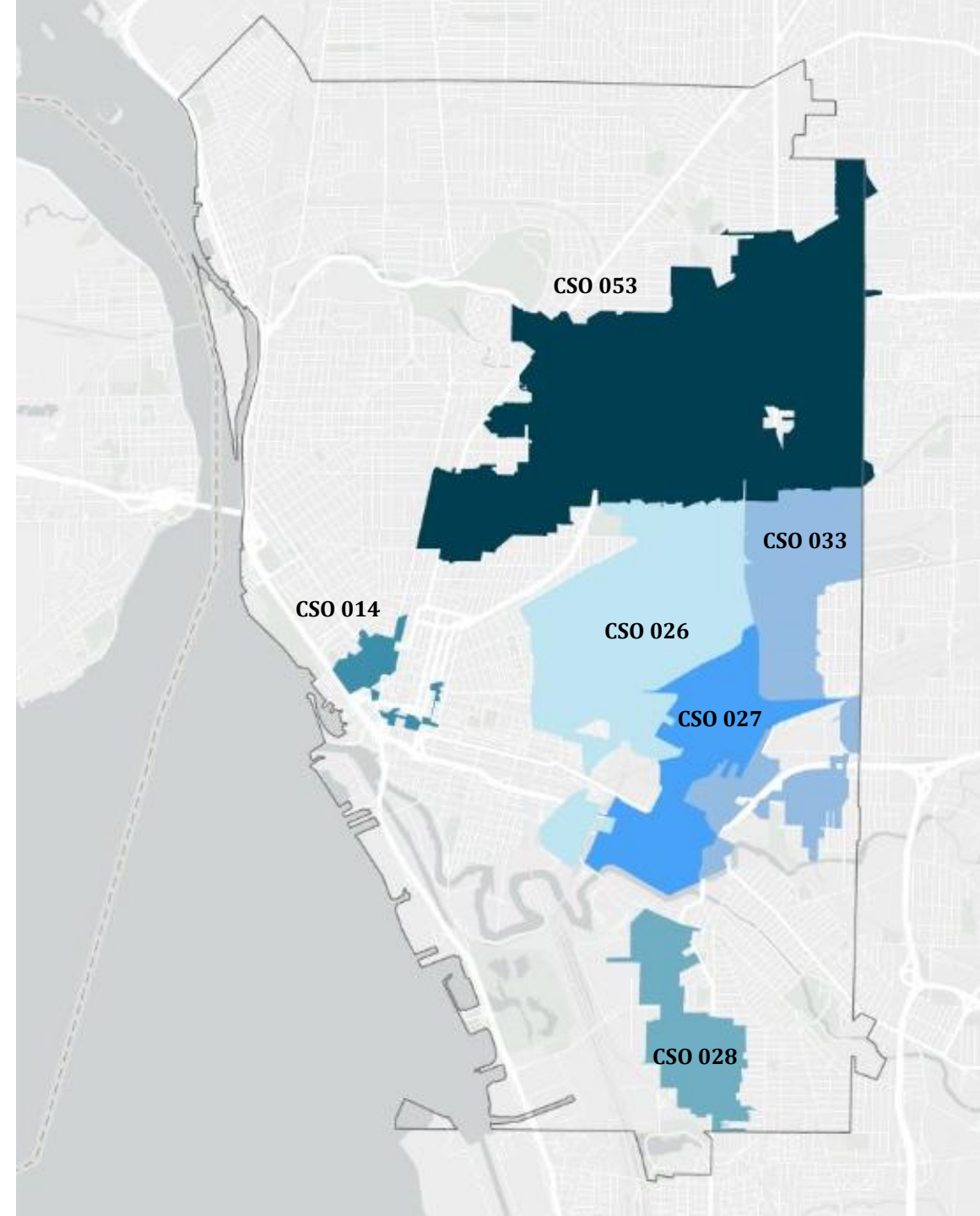


- Raincheck Program: Protect & restore Buffalo's waterways
 - BSA's overall goal is to manage 569 acres of impervious area by 2034
 - Phase 1: Raincheck 1.0— Emphasis on Public streets & parking areas, private properties
 - Phase 2: Raincheck 2.0 (Current Phase)—Public partnerships & public streets, Data-driven, Six Priority CSO Basin Areas Selected
- Environmental Impact Bond (EIB): \$54M for GSI
 - Manage 200 acres of impervious area by June 2028

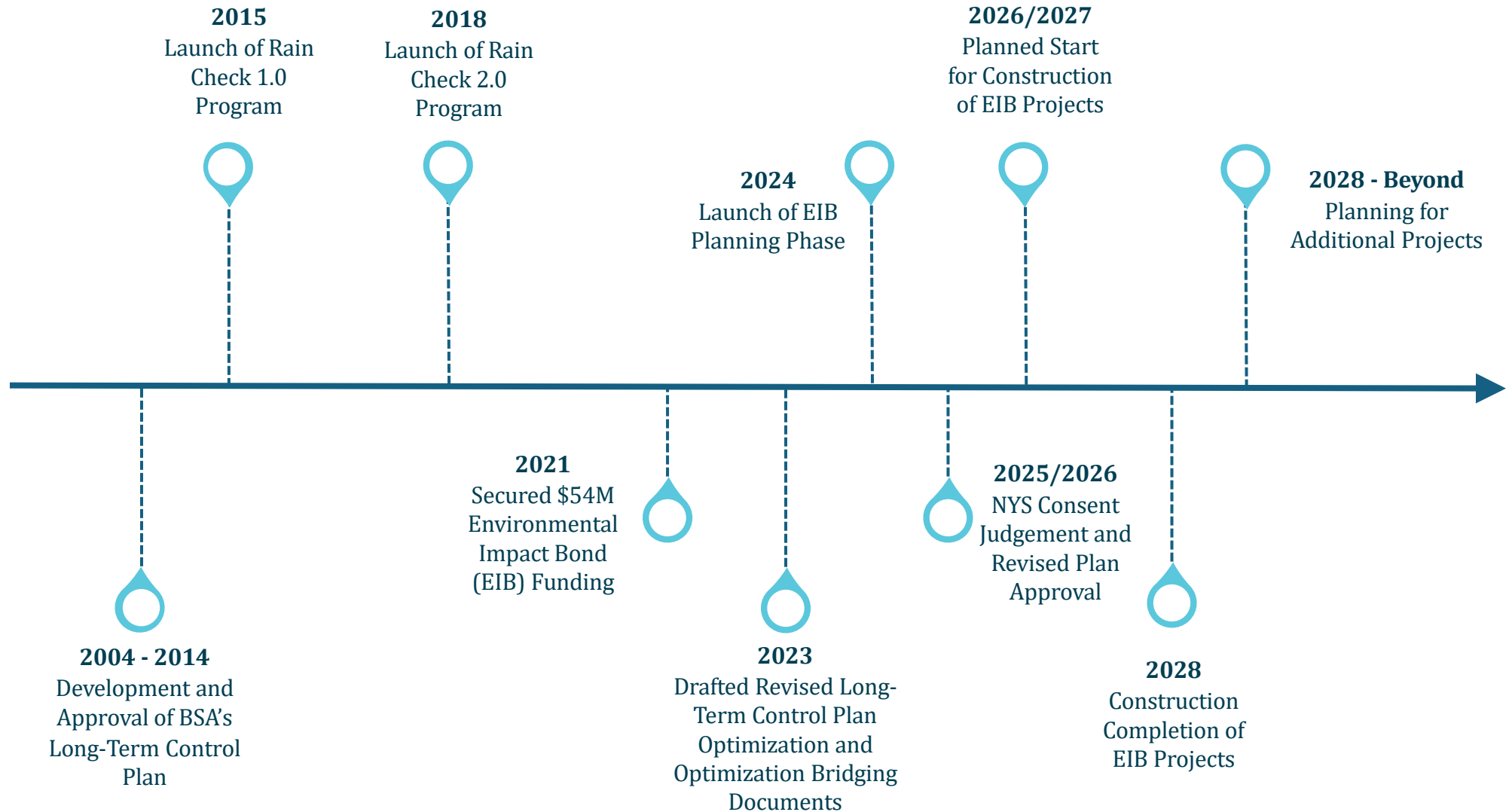


Priority Basins

- The **six priority basins** identified for implementing GSI in the RainCheck 2.0 program are located across Buffalo's East Side, in Downtown Buffalo and in South Buffalo.
- They encompass 25% of the city's land area and nearly half of the city's population
- They were chosen to have the greatest impact on water quality and public health in Buffalo by improving basins with high numbers of combined sewer overflow events.

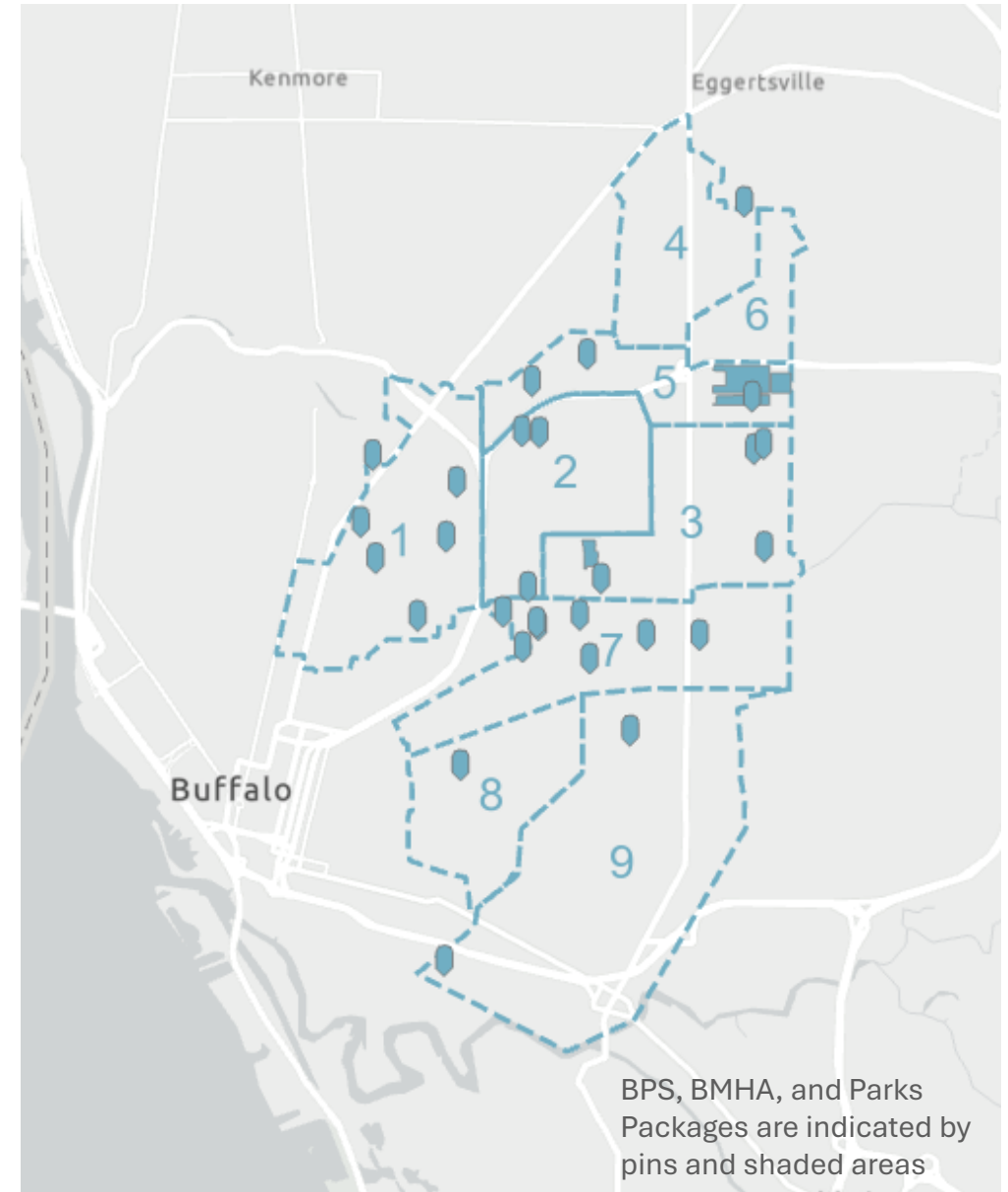


Rain Check Program Timeline



Program Packages

- Planning phase identified approx. 550 GSI practices across the priority basins to manage 200+ acres of impervious area
- Practices are split into 14 packages:
 - Practices are located within the right-of-way, on Buffalo Public School (BPS) properties, Buffalo Municipal Housing Authority (BMHA) sites, and City Park properties
- Program Management by Stantec
- Design is currently being undertaken by AKRF, Wendel, Watts, & Stantec



Green Infrastructure Practices

Green Stormwater Infrastructure

Bioretention Basins and Swales



Stormwater Tree Trench



Underground Storage Basins

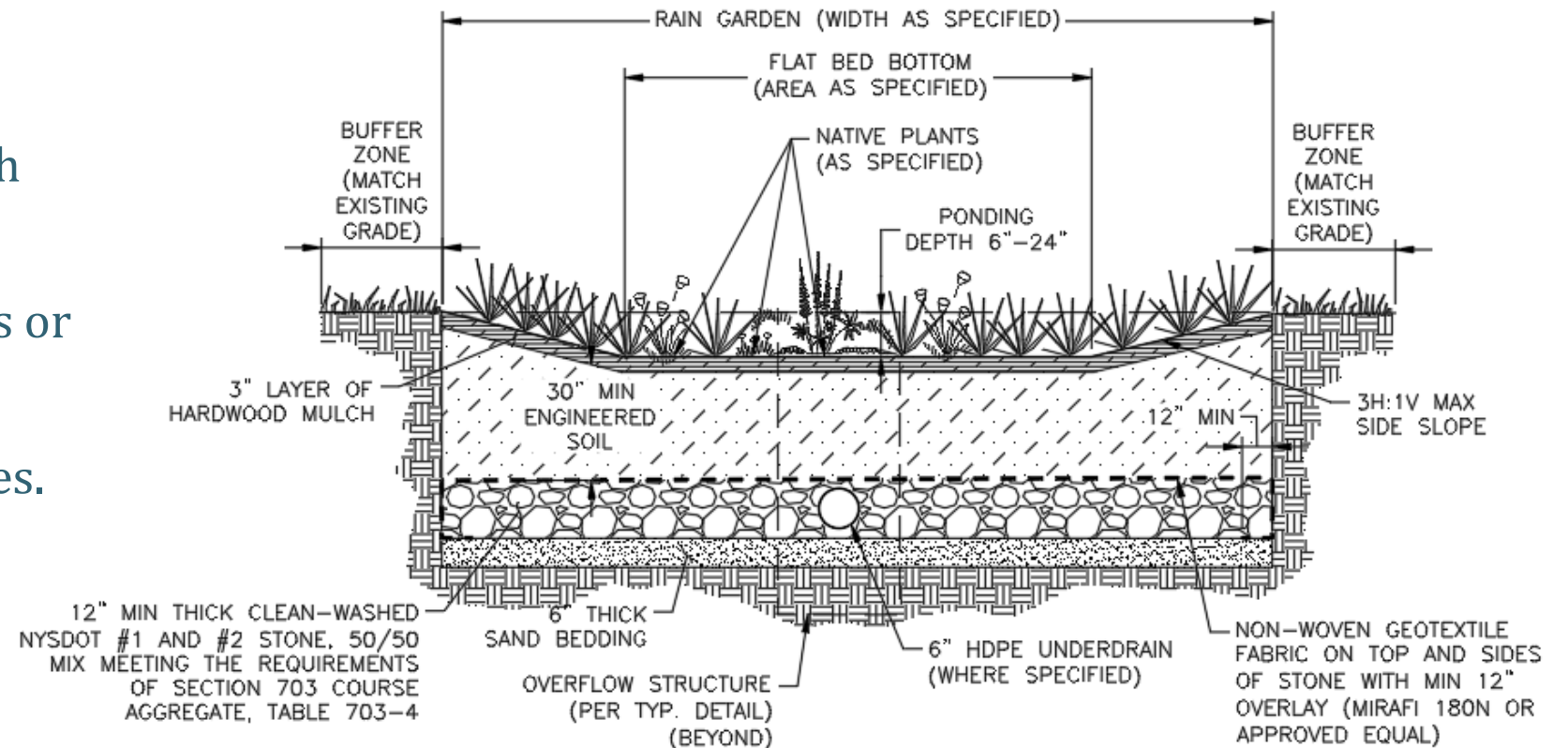


Stormwater Planters



Rain Garden/Bioretention

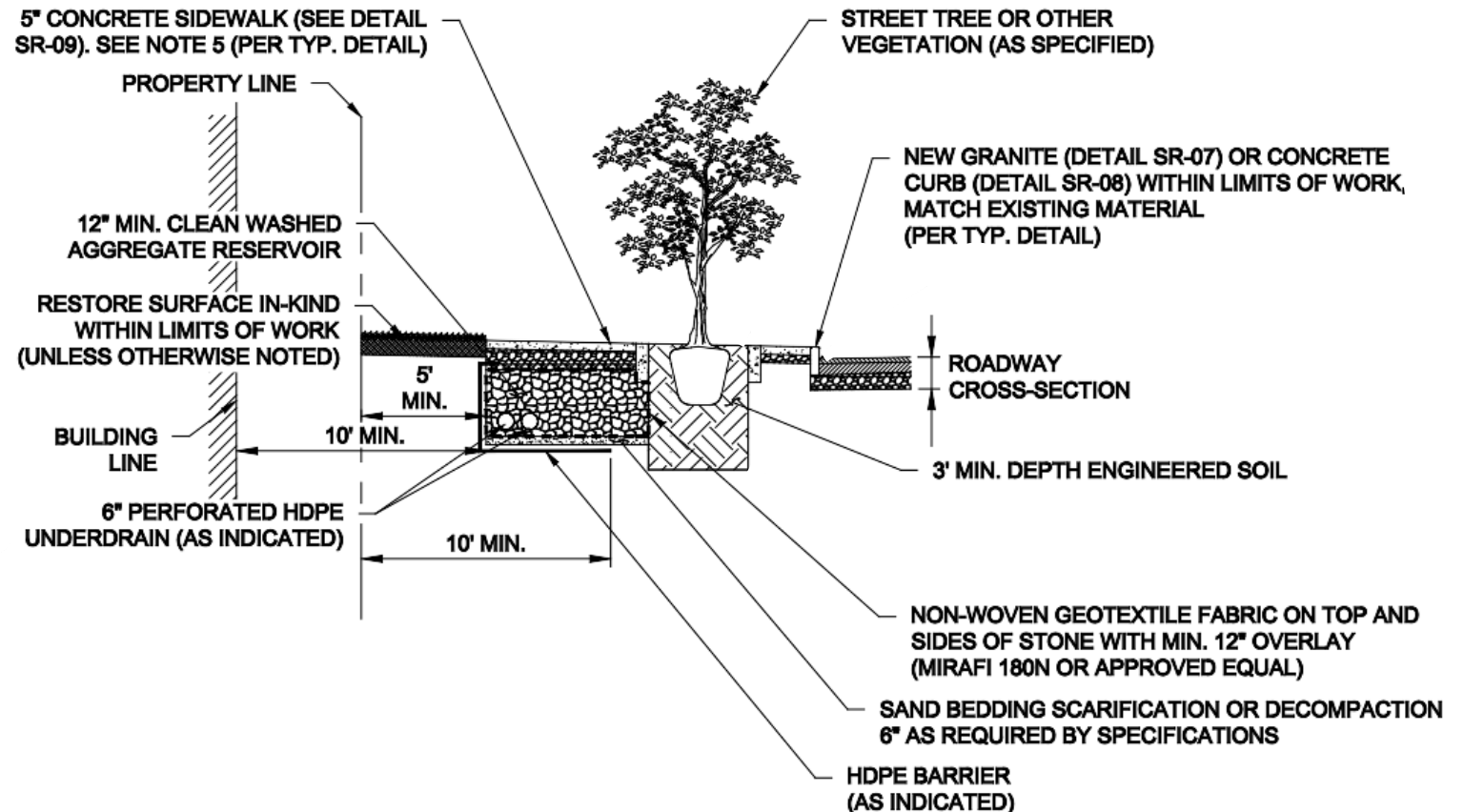
- Bioretention systems with optional infiltration
- Generally located in parks or on school properties
- $\pm 3 - 5$ ft deep, width varies.



***Details are typical in nature and are subject to change based on site specific conditions*

Stormwater Tree Trench

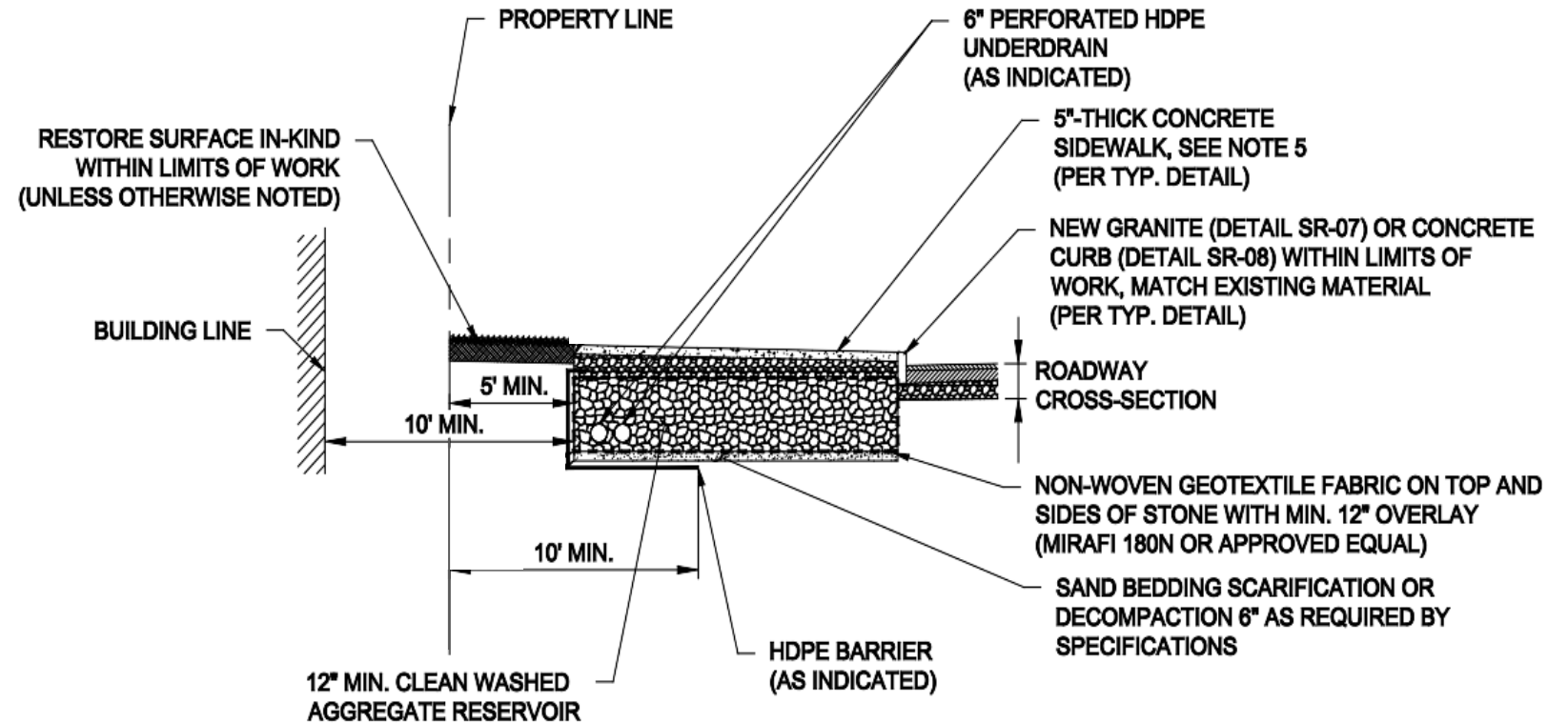
- Infiltration/storage trench with optional tree pits and infiltration
- Generally located along right-of-way underneath sidewalk, may extend into the roadway beneath the curbline
- $\pm 3 - 5$ ft deep, up to 150 ft long



***Details are typical in nature and are subject to change based on site specific conditions*

Infiltration Trench

- Same as the stormwater tree trench but without the tree pits
- Generally located along right-of-way underneath sidewalk, may extend into the roadway beneath the curbline
- $\pm 3 - 5$ ft deep

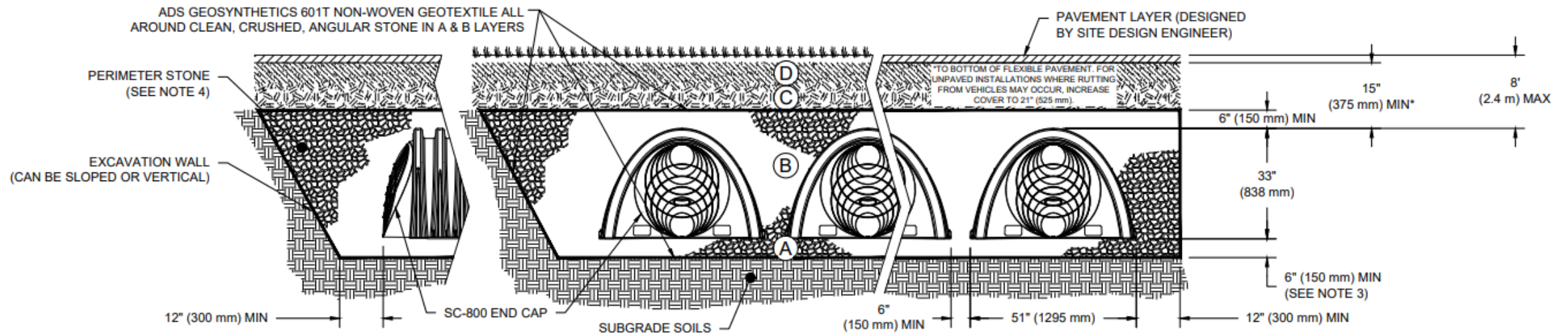


***Details are typical in nature and are subject to change based on site specific conditions*

Underground Storage

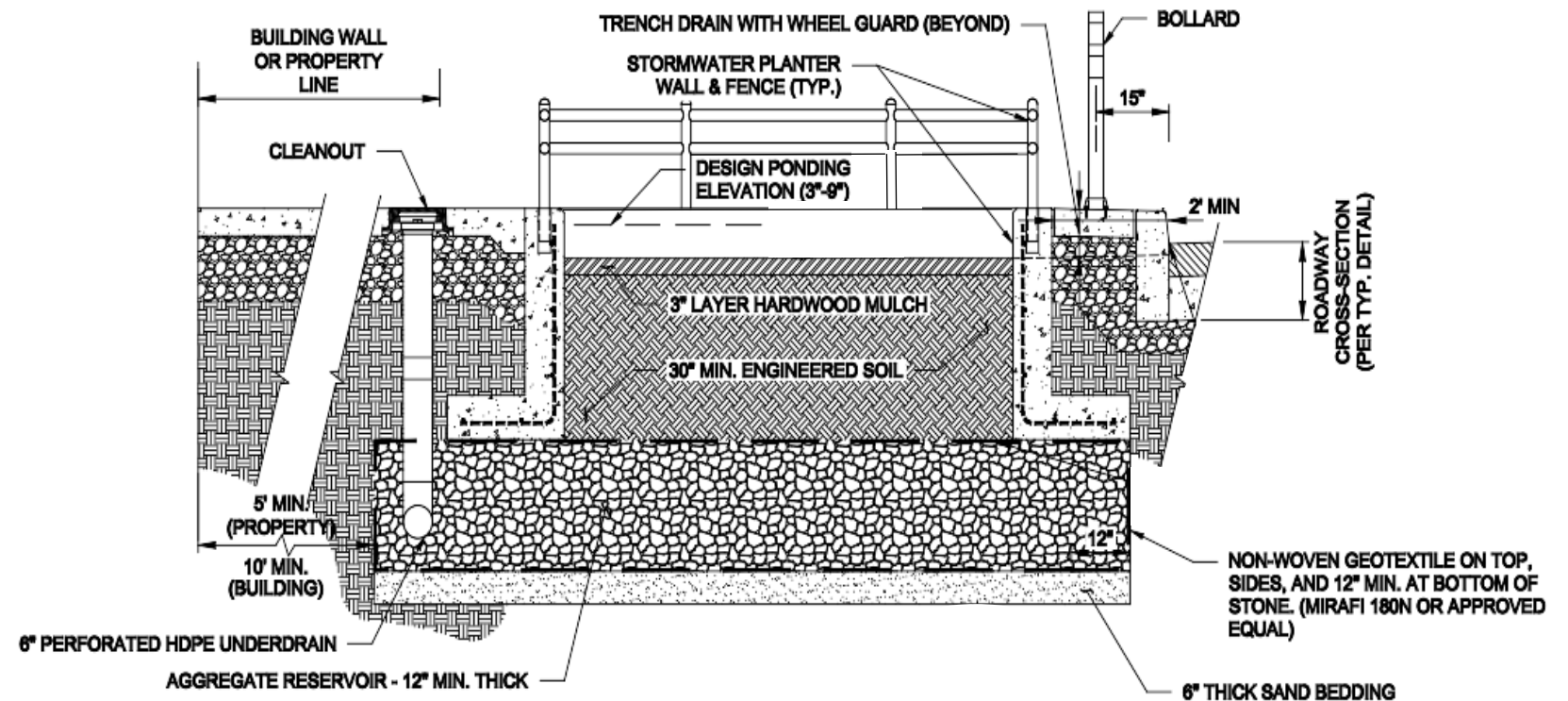
- Polypropylene corrugated wall stormwater collection chamber (StormTech SC-800 or similar)
- $\pm 5 - 10$ ft deep

***Details are typical in nature and are subject to change based on site specific conditions*



Stormwater Planter

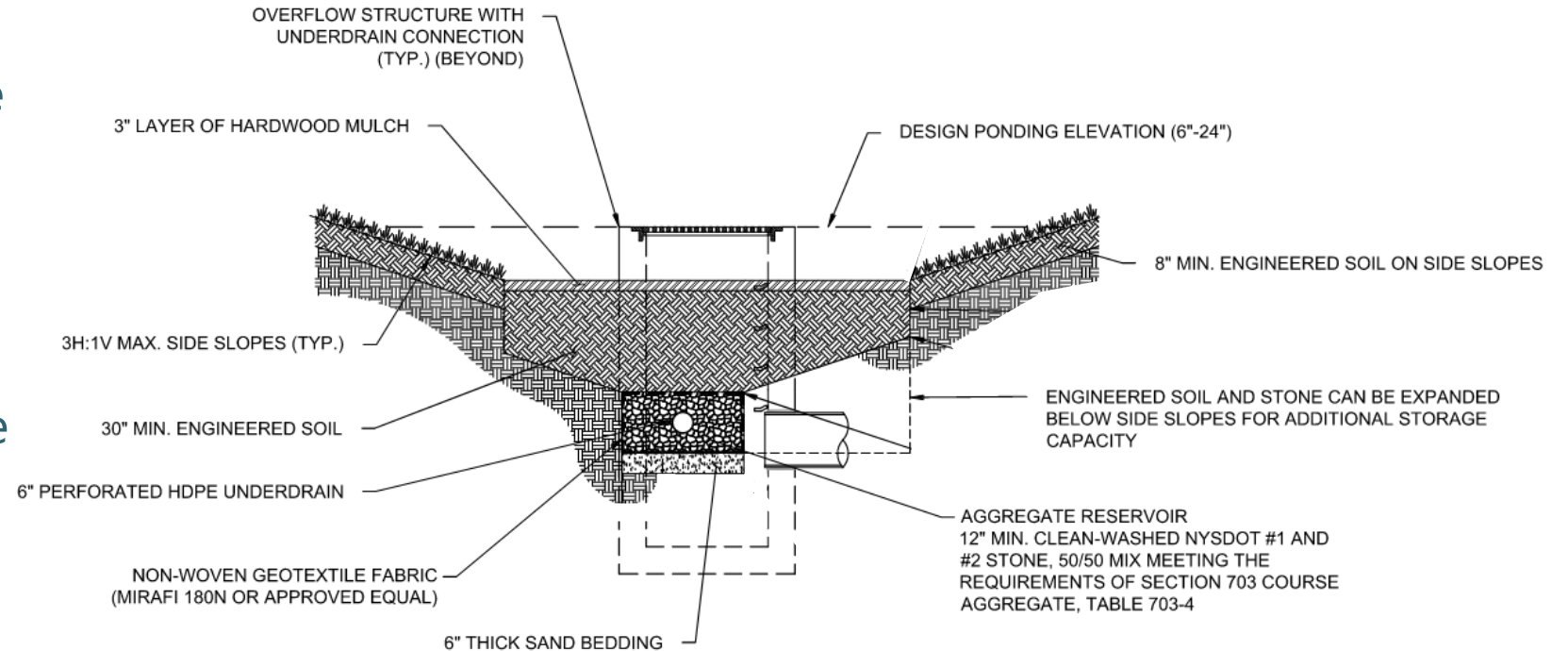
- Infiltration/storage trench with small surfacing planting and optional infiltration
- Generally located along right-of-way in high-traffic areas
- $\pm 4 - 5$ ft deep, up to 50 ft long, may be located in series



***Details are typical in nature and are subject to change based on site specific conditions*

Bioswale

- Bioretention conveyance systems with optional infiltration
- Generally located in grassed areas to provide above grade conveyance to other practices
- $\pm 4 - 5$ ft deep



***Details are typical in nature and are subject to change based on site specific conditions*

Upcoming Buffalo Sewer Green Infrastructure Projects for 2026 - 2027

- CONSTRUCTION SERVICES (INVITATION TO BID)

PACKAGE NAME	LOCATION (WITHIN THE RIGHT-OF-WAY)	NUMBER OF IMPROVEMENTS	ESTIMATED DATE OF ADVERTISEMENT	OPINION OF PROBABLE CONSTRUCTION COST	PROJECT DESCRIPTION
Package 1	Masten Park, Hamlin Park, Parkside neighborhoods	20	Q4 2026	\$3-5M	Stormwater tree trenches
Package 2	Delavan Grider, MLK Park neighborhoods	17	Q4 2026	\$1-2M	- Stormwater tree trenches - Rain gardens
Package 3	Schiller Park, Genesee-Moselle, MLK Park, Kenfield neighborhoods	59	Q3 2026	\$5-10M	Stormwater tree trenches
Package 4	University Heights, Kensington-Bailey neighborhoods	28	Q4 2026	\$1-2M	Stormwater tree trenches
Package 5	Fillmore-Leroy, Kensington-Bailey, Kenfield neighborhoods	28	Q4 2026	\$3-5M	Stormwater tree trenches
Package 6	Kensington-Bailey neighborhood	45	Q4 2026	\$3-5M	- Stormwater tree trenches - Stormwater planters
Package 7	Broadway Fillmore, MLK Park, Genesee-Moselle, Schiller Park neighborhoods	40	Q1 2027	\$5-10M	Stormwater tree trenches
Package 8	Broadway Fillmore neighborhood	29	Q4 2026	\$5-10M	Stormwater tree trenches
Package 9	Lovejoy, Broadway Fillmore, Seneca Babcock neighborhoods	27	Q1 2027	\$3-5M	Stormwater tree trenches

PACKAGE NAME	LOCATION (WITHIN THE RIGHT-OF-WAY OR CITY-OWNED PROPERTY)	NUMBER OF IMPROVEMENTS	ESTIMATED DATE OF ADVERTISEMENT	OPINION OF PROBABLE CONSTRUCTION COST	PROJECT DESCRIPTION
Parks Package 1	Hennepin Park (Lovejoy Neighborhood)	1	Q1 2026 (Bid Awarded)	\$5.7M	Underground storage system
Parks Package 2	MLK Jr. Park, Genesee Gateway, Eddie Dawson Park, Lincoln Playground	13	Q4 2026	\$1-2M	- Stormwater tree trenches - Underground storage systems
Parks Package 3	Schiller Park, Glenly Park, Hank Nowak Park, Mary Jean Sloan Park	8	Q4 2026	\$1-2M	Underground storage systems
BPS Package	19x Buffalo Public School Properties	36	Q4 2026	\$15-20M	- Stormwater tree trenches - Stormwater planters - Bioretention areas - Underground storage systems
BMHA Package	Ferry Grider, Kenfield & Langfield Buffalo Municipal Housing Authority sites	35	Q1 2027	\$10-15M	- Underground storage system - Stormwater tree trench - Site improvements (ie. ADA ramps)

Buffalo Municipal Housing Authority Package – AKRF

Location: 2x Buffalo Municipal Housing Authority Sites

Project Description:

- 14 Stormwater tree trenches
- 21 Underground storage systems

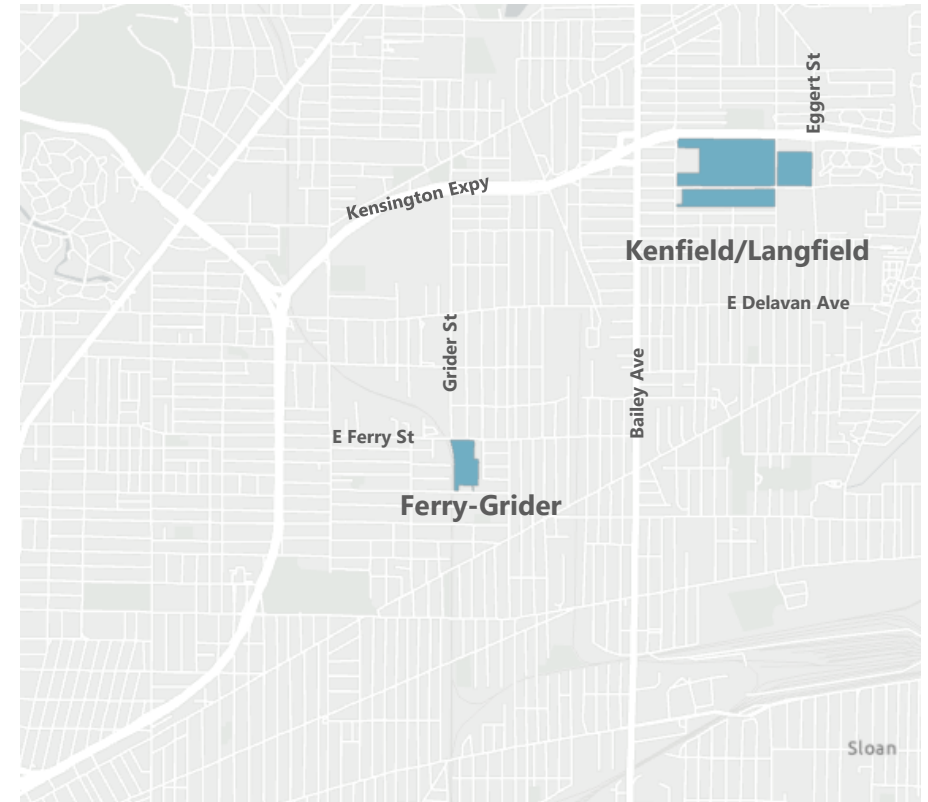
Bid Advertisement Date: Estimated Q1 2027

Construction Completion Date: Estimated Q2 2028

Funding Source: Environmental Impact Bond

Anticipated Drainage Area: 41.6 acres

Construction Costs (Estimated): \$10M - \$15M



Buffalo Public Schools – Stantec

Location: 16 Buffalo Public School Properties

Project Description:

- 36 Total Systems
 - 5 Bioretention basins
 - 7 Stormwater trenches
 - 1 Bioswale
 - 23 Underground storage systems

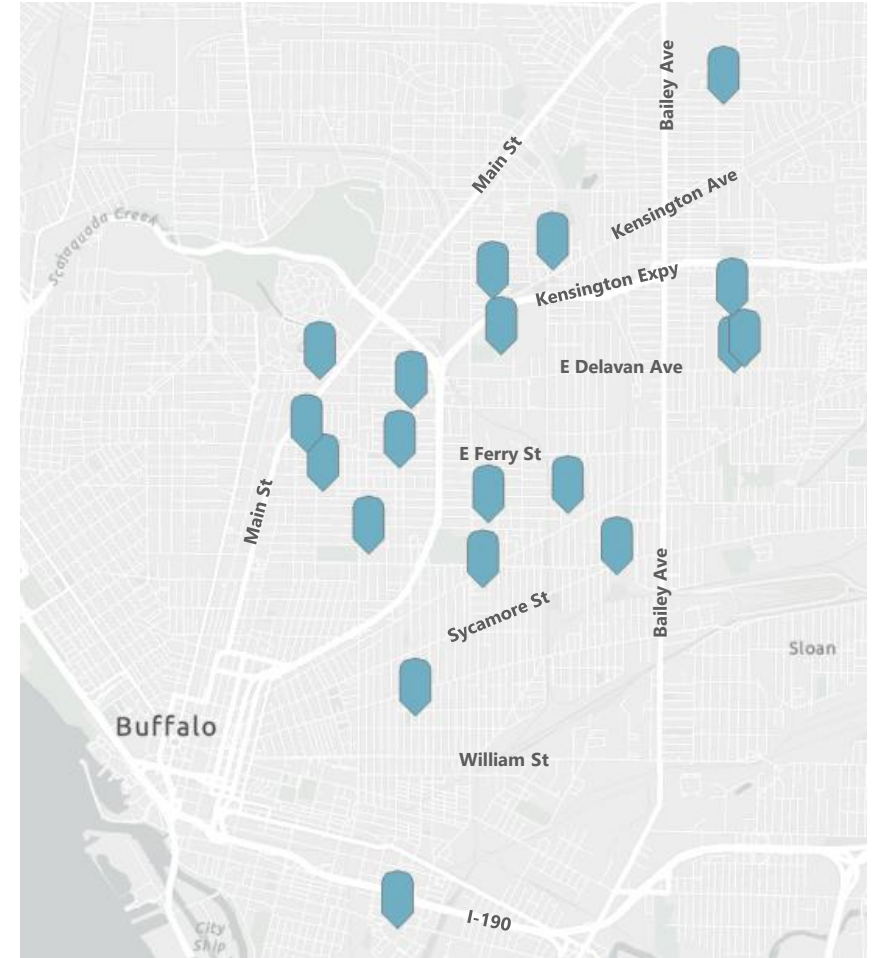
Bid Advertisement Date: Estimated Q3 2026

Construction Completion Date: Estimated Q1 2028

Funding Source: Environmental Impact Bond

Anticipated Drainage Area: 44.5 acres

Construction Costs (Estimated): \$15M - 20M



Package 1– Stantec

Location: Right-of-way in Masten Park, Hamlin Park, Parkside neighborhoods

Project Description:

- 20 Subsurface stormwater trenches

Bid Advertisement Date: Estimated Q4 2026

Construction Completion Date: Estimated Q1 2028

Funding Source: Environmental Impact Bond & GRG Grant Funding

Anticipated Drainage Area: 7.0 acres

Construction Costs (Estimated): \$3M - \$5M



Package 2 – Stantec

Location: Right-of-way in Delavan Grider, MLK Park neighborhoods

Project Description:

- 1 Bioretention basin
- 16 Subsurface stormwater trenches

Bid Advertisement Date: Estimated Q4 2026

Construction Completion Date: Estimated Q1 2028

Funding Source: Environmental Impact Bond & GRG Grant Funding

Anticipated Drainage Area: 4.4 acres

Construction Costs (Estimated): \$1M - \$2M



Package 3 – Wendel

Location: Right-of-way in Schiller Park, Genesee-Moselle, MLK Park, Kenfield neighborhoods

Project Description:

- 59 stormwater tree trenches

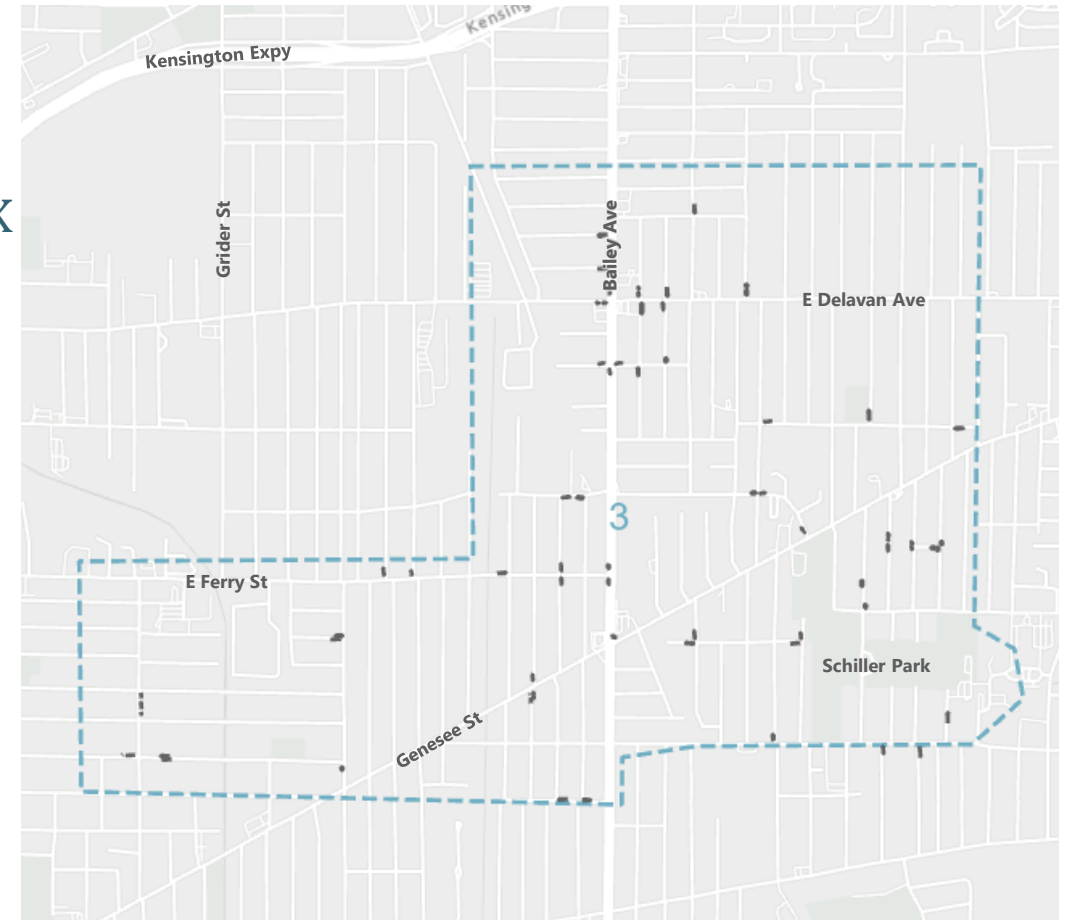
Bid Advertisement Date: Estimated Q4 2026

Construction Completion Date: Estimated Q2 2028

Funding Source: Environmental Impact Bond

Anticipated Drainage Area: 14.3 acres

Construction Costs (Estimated): \$5M - \$10M



Package 4 – Stantec

Location: Right-of-way in University Heights, Kensington-Bailey neighborhoods

Project Description:

- 28 Stormwater tree trenches

Bid Advertisement Date: Estimated Q4 2026

Construction Completion Date: Estimated Q1 2028

Funding Source: Environmental Impact Bond

Anticipated Drainage Area: 5.3 acres

Construction Costs (Estimated): \$1M - \$2M



Package 5 – Wendel

Location: Right-of-way in Fillmore-Leroy, Kensington-Bailey, Kenfield neighborhoods

Project Description:

- 28 stormwater tree trenches

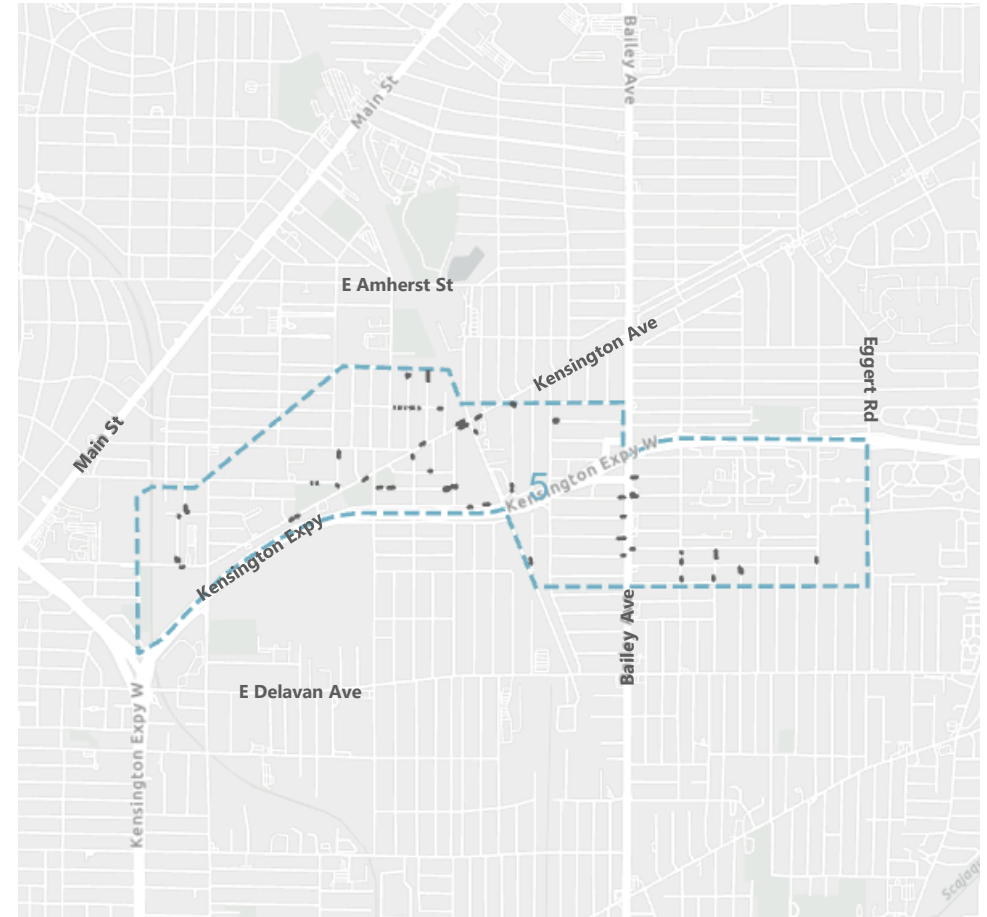
Bid Advertisement Date: Estimated Q4 2026

Construction Completion Date: Estimated Q1 2028

Funding Source: Environmental Impact Bond

Anticipated Drainage Area: 9.7 acres

Construction Costs (Estimated): \$3M – \$5M



Package 6 – Wendel

Location: Right-of-way in Kensington-Bailey neighborhood

Project Description:

- 45 stormwater tree trenches

Bid Advertisement Date: Estimated Q4 2026

Construction Completion Date: Estimated Q1 2028

Funding Source: Environmental Impact Bond

Anticipated Drainage Area: 11.3 acres

Construction Costs (Estimated): \$3M - \$5M



Package 7 – Watts

Location: Right-of-way in Broadway Fillmore, MLK Park, Genesee-Moselle, Schiller Park neighborhoods

Project Description:

- 40 stormwater tree trenches

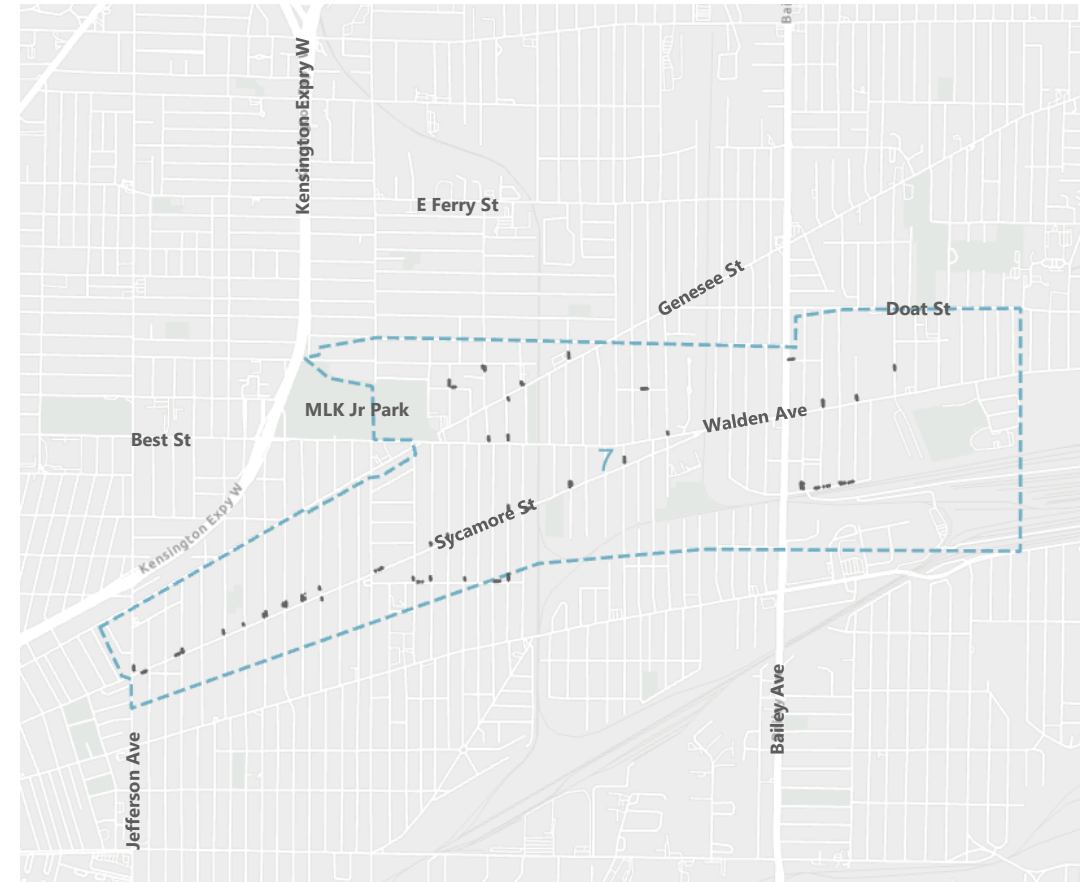
Bid Advertisement Date: Estimated Q1 2027

Construction Completion Date: Estimated Q1 2028

Funding Source: Environmental Impact Bond

Anticipated Drainage Area: 9.7 acres

Construction Costs (Estimated): \$5M - \$10M



Package 8 – Stantec

Location: Right-of-way in Broadway Fillmore neighborhood

Project Description:

- 29 stormwater tree trenches

Bid Advertisement Date: Estimated Q4 2026

Construction Completion Date: Estimated Q4 2027

Funding Source: Environmental Impact Bond

Anticipated Drainage Area: 7.5 acres

Construction Costs (Estimated): \$5M - \$10M



Package 9 – Stantec

Location: Right-of-way in Lovejoy, Broadway Fillmore, Seneca Babcock neighborhoods

Project Description:

- 27 Stormwater tree trenches

Bid Advertisement Date: Estimated Q1 2027

Construction Completion Date: Estimated Q1 2028

Funding Source: Environmental Impact Bond

Anticipated Drainage Area: 7.1 acres

Construction Costs (Estimated): \$3M - \$5M



Parks Package 2 – Watts

Location: MLK Jr. Park, Genesee Gateway, Eddie Dawson Park, Lincoln Playground

Project Description:

- 10 Stormwater tree trenches
- 3 Rain gardens

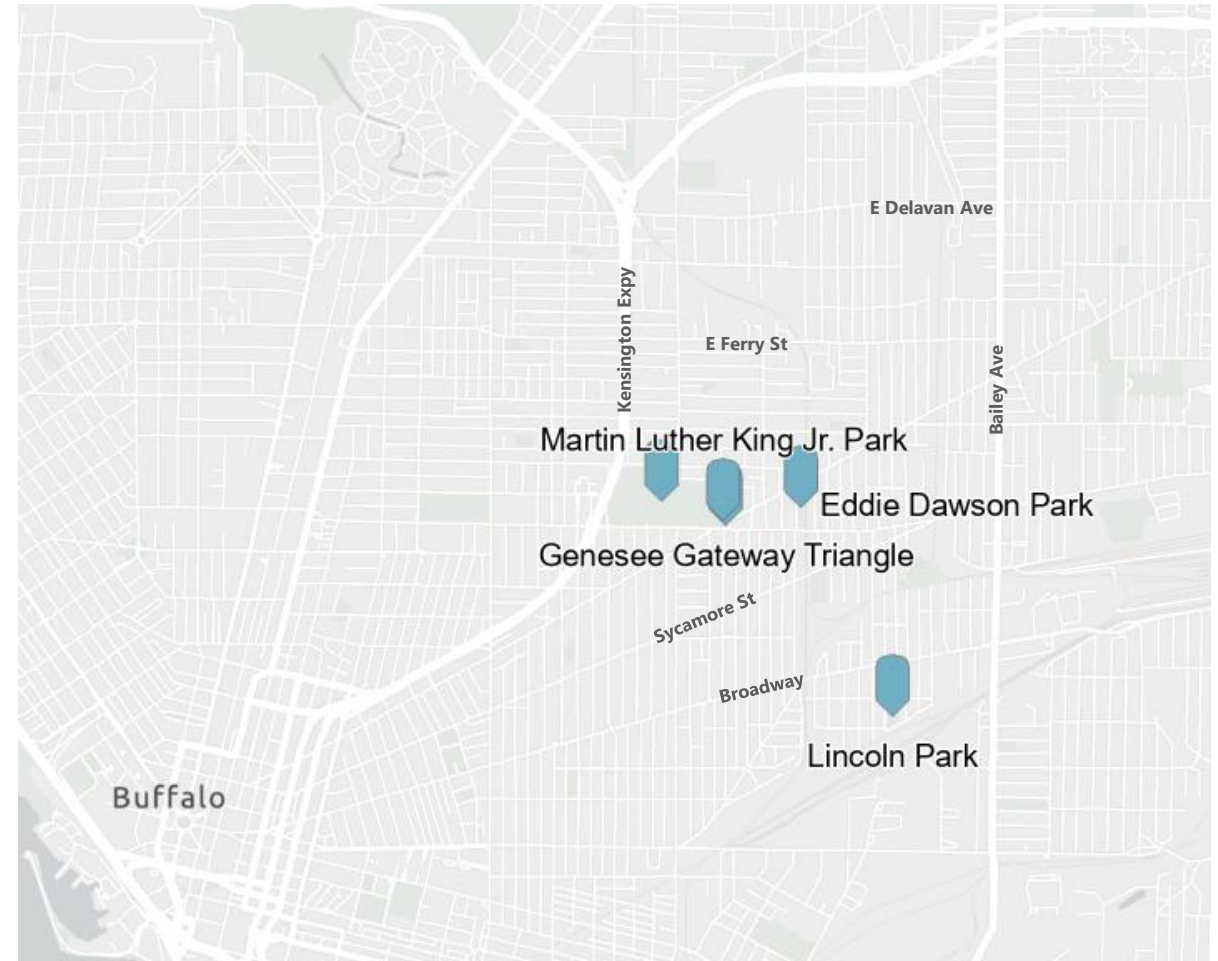
Bid Advertisement Date: Estimated Q4 2026

Construction Completion Date: Estimated Q1 2028

Funding Source: Green Resiliency Grant

Anticipated Drainage Area: 3.6 acres

Construction Costs (Estimated): \$1M - \$2M



Parks Package 3 – Watts

Location: Schiller Park, Hank Nowak Park, and Mary Jean Sloan Park

Project Description:

- 8 Underground storage systems

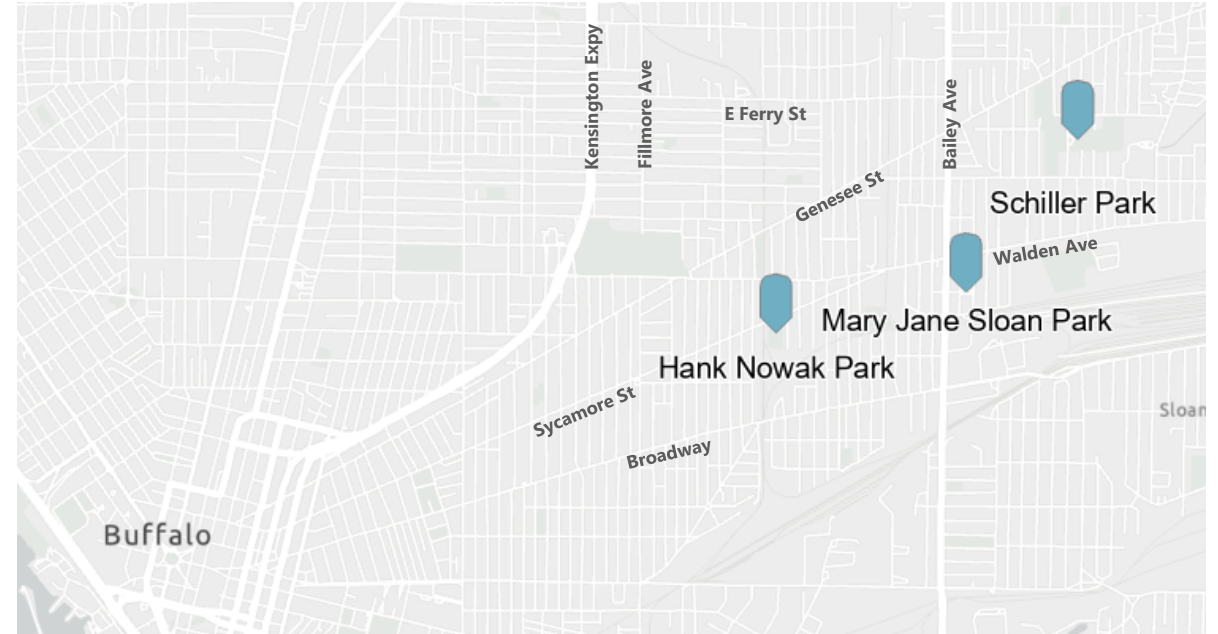
Bid Advertisement Date: Estimated Q4 2026

Construction Completion Date: Estimated Q1 2028

Funding Source: Environmental Impact Bond/Green Resiliency Grant

Anticipated Drainage Area: 4.1 acres

Construction Costs (Estimated): \$1M - \$2M



Graywater Infrastructure Projects

Colorado Ave Sewer Patrol Point (SPP) 337 Modifications

Location: Colorado Ave. & Scajaquada St.

Project Description:

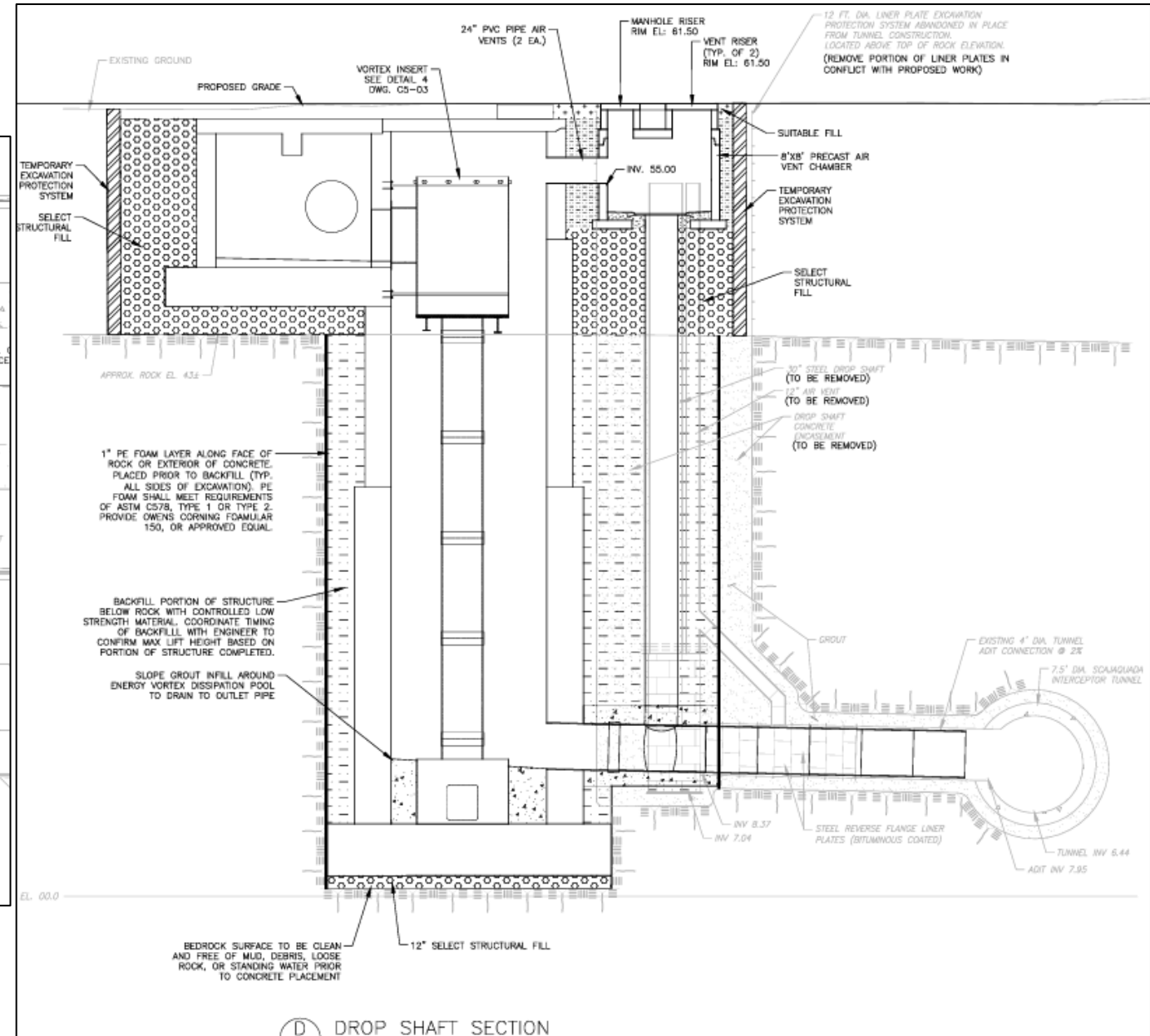
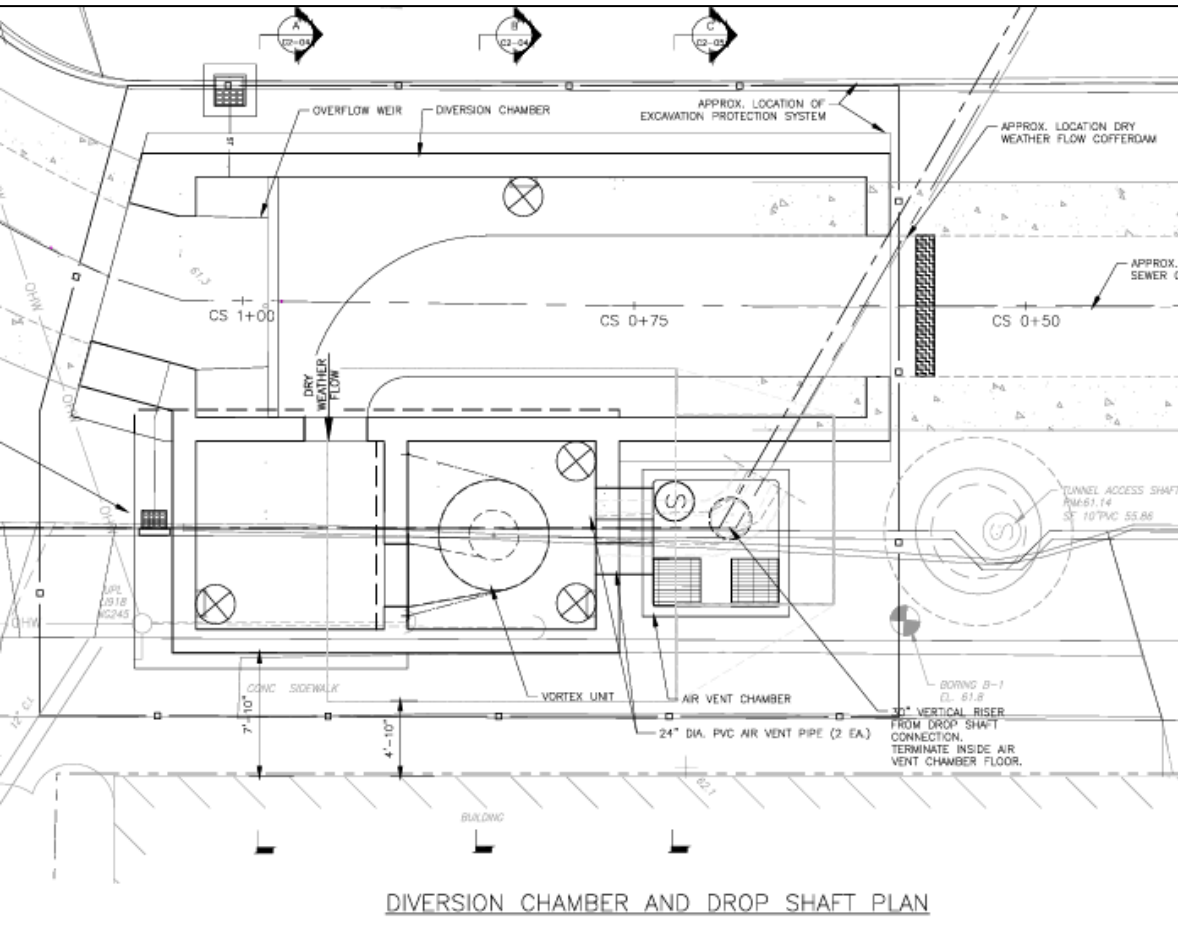
- New SPP 337 Diversion Chamber
- New ~55' Drop Shaft with energy dissipation insert with connection to existing shaft and Scajaquada Tunnel
- Installation of 42" FRP pipe from Drop Shaft to tunnel
- Convert existing drop shaft into an air vent chamber
- Temporary access road
- Site restoration
- Brownfield Related Environmental Work

Bid Release Date: June 5, 2026

Bid Opening Date: July 9, 2026



Colorado Ave Sewer Patrol Point (SPP) 337 Modifications



Louisiana St Sewer Patrol Point (SPP) 137 Modifications & In-Line Storage (ILS)

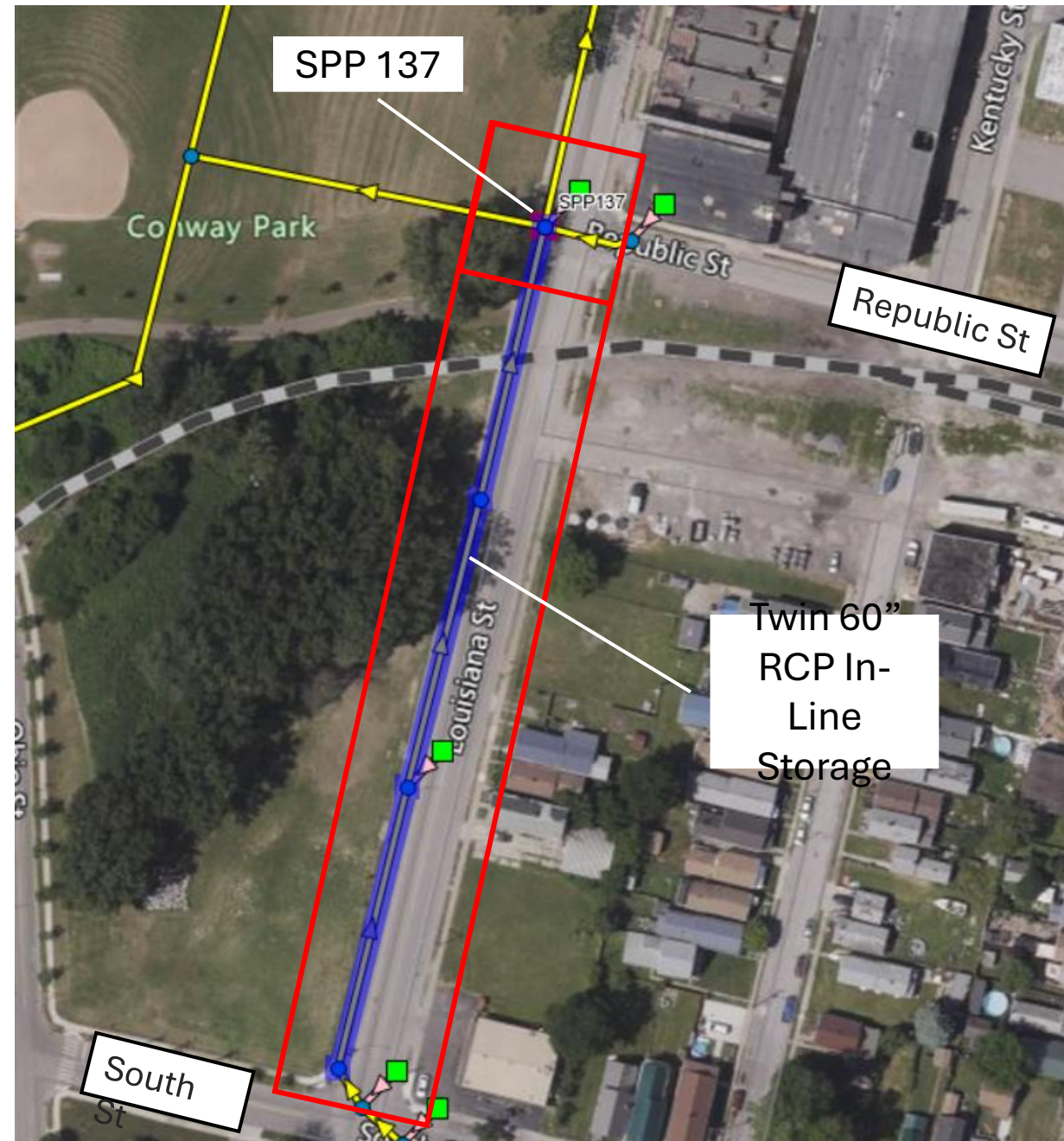
Location: Louisiana St. & Republic St.

Project Description:

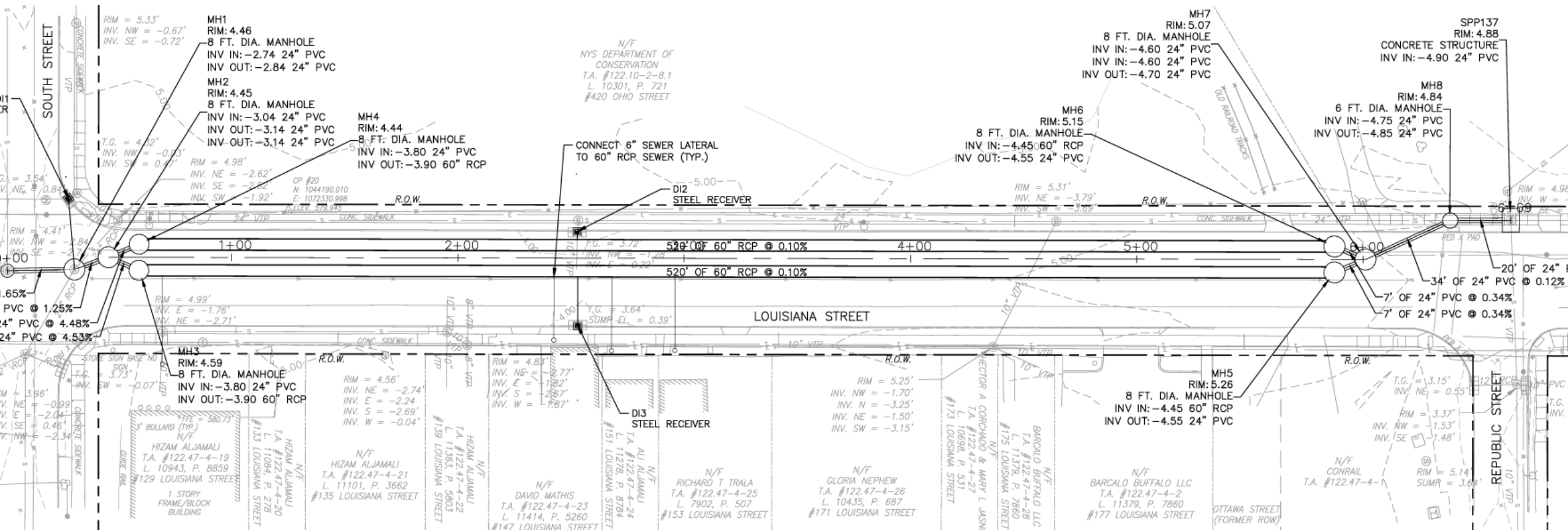
- New twin 60" RCP from South St to Republic St.
- Replacement of drainage catchbains and collection sewers and laterals within project limits

Bid Release Date: Q4 2026

Bid Opening Date: Q1 2027



Louisiana St Sewer Patrol Point (SPP) 137 Modifications & In-Line Storage (ILS)



Construction Bid Requirements

Typical Services Desired for Upcoming BSA Projects

Construction

- General Civil Contracting
- Equipment Suppliers
- Concrete Work
- Excavation & Dewatering
- Traffic Control
- Testing & Inspection
- Pavement Sawcutting
- Trucking and Material Procurement
- Erosion & Sediment Control
- Growth, Inclusion & Partnership of Local Workforce and Suppliers

Typical Requirements for Construction Bids



General

- ✓ Bid Sheet(s)
- ✓ Equal Employment Opportunity
- ✓ Tax Exemption
- ✓ Non-Collusive Bidding Certification
- ✓ Insurances
- ✓ List of subcontractors
- ✓ DBE/MWBE/SDVOB Plan



Bonds

- ✓ Performance Bond – 100%
- ✓ Maintenance Bond – 10%



Liquidated Damages**

- ✓ \$2,500 per day after time specified for Substantial Completion
- ✓ \$2,500 per day beginning 60 days after time specified for Substantial Completion

**May increase for subsequent contracts

Typical Construction Bid Timeline

Bid Stage	Starting	Duration
Bid Advertisement	Week 1	5 weeks
Bids Open	Week 6	5 weeks
Questions Close	Week 9	
Bids Close	Week 10	
Contract Award	Week 11	12 weeks
Notice to Proceed	Week 23	

Historically Underrepresented Firms

Inclusion of Historically Underrepresented Firms

PURPOSE

- Need to build capacity.
- Include new partners and create opportunities.
- Continue relationships with long-standing and traditional businesses.
- Create economic opportunity for Disadvantaged/Minority/ Women – Owned Business Enterprise (D/MBE/WBE) and Service-Disabled Veteran Owned Business (SDVOB) firms, including firms who are new to working with Buffalo Sewer and/or the City of Buffalo



Inclusion of Historically Underrepresented Firms

- DBE/MWBE must be certified in New York State
 - Typical DBE Goal: 20%
 - Typical MWBE Goal: 30%
- MWBE Certification in Erie County is a plus
- A DBE/MWBE/SDVOB Utilization Plan must be submitted with your Bid Package:
 - <https://efc.ny.gov/mwbe-forms>
- Prime contractor must utilize DBE/MWBE suppliers/subcontractors that are certified on behalf of the New York State Certification Program:
 - NYS United DBE Certification Program
 - NYS MWBE Certification Program
- Buffalo Sewer is looking for Plans that are:
 - Reflecting a good-faith effort
 - Realistic and meaningful

Differentiation of Disadvantaged vs Minority/Women Owned Business Enterprise

DBE

- Ownership Criteria:
 - 51% owned by *socially and economically disadvantaged individuals*₁
- Net worth
 - Personal net worth < \$2.047M₂
- Governing Body
 - **Federal** – Overseen by the U.S. Department of Transportation₁

MWBE

- Ownership Criteria:
 - 51% owned by *minorities and/or women*₃
- Net worth
 - Personal net worth < \$15M
- Governing Body
 - **State/Local** - Managed by New York State Empire State Development (ESD) and the City of Buffalo₄

D/M/WBE and SDVOB Resources



- [MWBE - Business Growth Accelerator Program](#)
- [Mentor-Protégé Program](#)
- [Supply & Demand Utilization Factsheet](#)
- [DMWBD Event Speaker Form](#)
- [NFTA Diversity Development \(DBE\)](#)
- [BSU - M&WBE Resources](#)
- [The MWBE Training Day Conference](#)
- [Erie County-COB MWBE Certification](#)

CERTIFICATION RESOURCES:

Buffalo Small Business Administration

*Buffalo Main Office:

130 S. Elmwood Ave., Suite 540, Buffalo, NY 14202

Phone: 716-551-4301

Women's Business Center at Canisius College

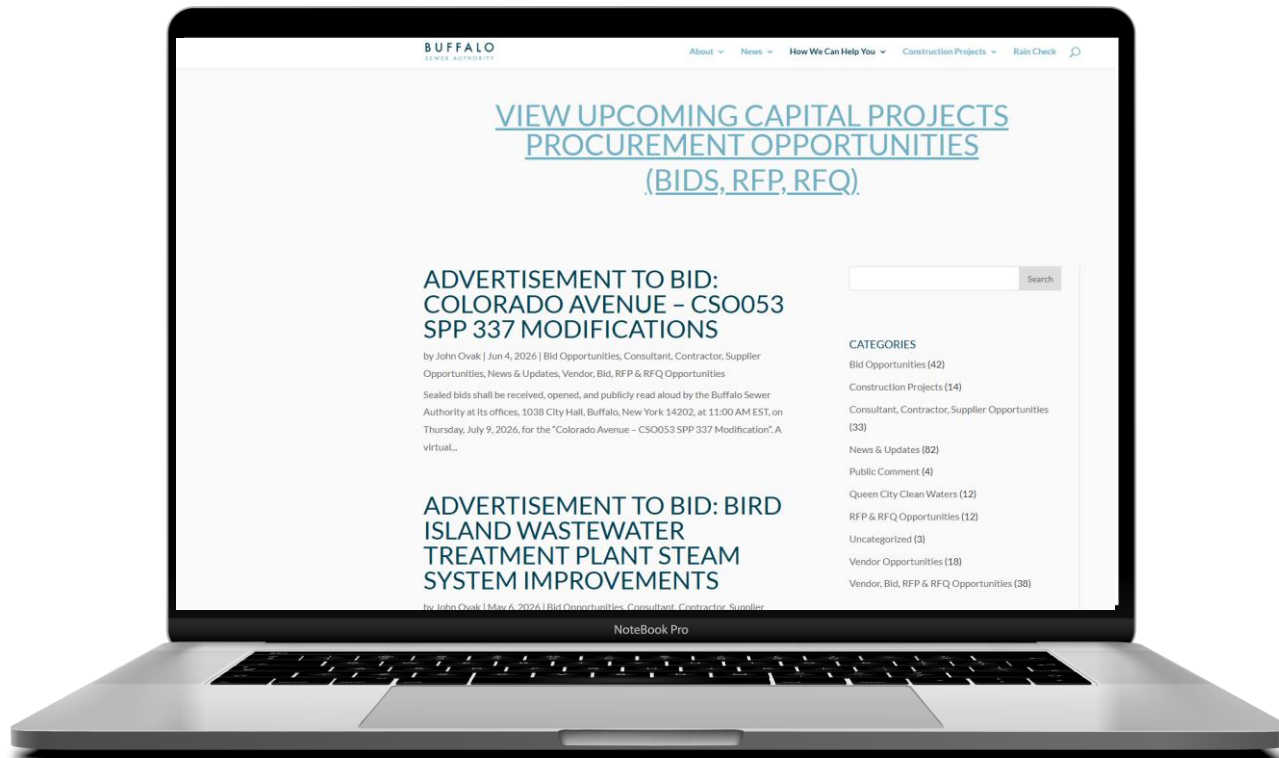
1901 Main Street, Science Hall, Buffalo, NY 14208

Phone: 716-888-8280

* **Additional Resources:** Service - Disabled Veteran-Owned Small Business (SDVOB) and other small business resources available at the Buffalo Main Office.

Q&A

Buffalo Sewer Authority Website



buffalosewer.org

Your BEST source of information!

- ✓ Consultant, Contractor, and Supplier Opportunities
- ✓ Construction Updates
- ✓ FAQs
- ✓ Board Meeting Minutes
- ✓ Public Participation Plans

RainCheck Interactive Website



[GI Reports](#) [GREEN OPPORTUNITIES ▾](#) [LEARN ▾](#) [PROJECTS ▾](#) [FAQs](#)

Buffalo Sewer Authority and the City of Buffalo are implementing Green Infrastructure throughout Buffalo to tackle our stormwater challenge, respond to the climate emergency, and advance social and environmental justice. Explore our website to learn about our past projects, future initiatives and ways you can get involved.



GREEN INFRASTRUCTURE IN BUFFALO



Get in Touch!

PROGRAM TEAM CONTACT INFO

STEPHANIE ALESSANDRINI, PE

Program Manager, Stantec
Stephanie.Alessandrini@stantec.com

BERNADETTE CALLAHAN, PE

Project Technical Lead, Stantec
Bernadette.Callahan@stantec.com

KAHTHRYN FERRARESE

Program Manager (QCCW), Tylin
Kathryn.Ferrarese@tylin.com

ROSALEEN NOGLE, PE, BCEE

Principal Sanitary Engineer, Buffalo
Sewer Authority
rnogle@buffalosewer.org

Thank you!



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