
HOUSEKEEPING

- Attendance will be taken using the Microsoft Form link provided in the Webex chat. Please take the time to complete the form. This attendance sheet will be posted on our DDC website.
- Please stay muted and keep your camera off.
- Please hold all questions to the end of the presentation to assist our team with monitoring and consolidating duplicate questions. Questions will be accepted in writing via the "chat" function.
- Please be advised that anything discussed verbally in this meeting will not constitute a change to the RFQ document. Formal changes to the RFQ will only be made through addenda posted on our DDC website.

PRE-SUBMISSION CONFERENCE

Request for Qualifications of Design Build Services for
Infrastructure Project:

PROJECT: GKOH15-DB
PIN: 8502022SE0018P

AGENDA

1. Welcome & Introduction

Thomas Foley, P.E., CCM, Commissioner

2. Design-Build Program Overview [? Program]

3. Project Overview

Angela Sabet, Director, Infrastructure

4. General Procurement Information

Judy Lee, Deputy Agency Chief Contracting Officer

5. M/WBE

Lea Mapp, Chief M/WBE Compliance Officer

(Steven) Ding Zheng, M/WBE Outreach and Compliance Analyst

6. Q&A

DB PROGRAM OVERVIEW

Jade Bailey, P.E.
Deputy Director, Public Buildings

DDC DESIGN-BUILD

Teaming for Design-Build

- There is no role-requirement for the leadership of the DB team; **for example, teams may be designer-led.**
- Proposed DB team members are not required to have prior experience working together.

HINT

If members of the DB Team do not have extensive experience collaborating on projects, the Proposer shall explain the relationship and rationale for teaming.

DDC DESIGN-BUILD

Teaming for Design-Build

- It is desirable that the DB Team have collective experience in **DB and DB-based project delivery methods** and other alternative project delivery methods.
- If key members of the DB Team do not have experience in DB and DB-based project delivery, the Proposer shall indicate **familiarity with the objectives of this alternative delivery approach** and demonstrate an understanding of the **interrelationship between design and construction** under the DB project delivery approach.

DDC DESIGN-BUILD

Potential/Upcoming Design-Build Projects

- Updated NOI will be released quarterly

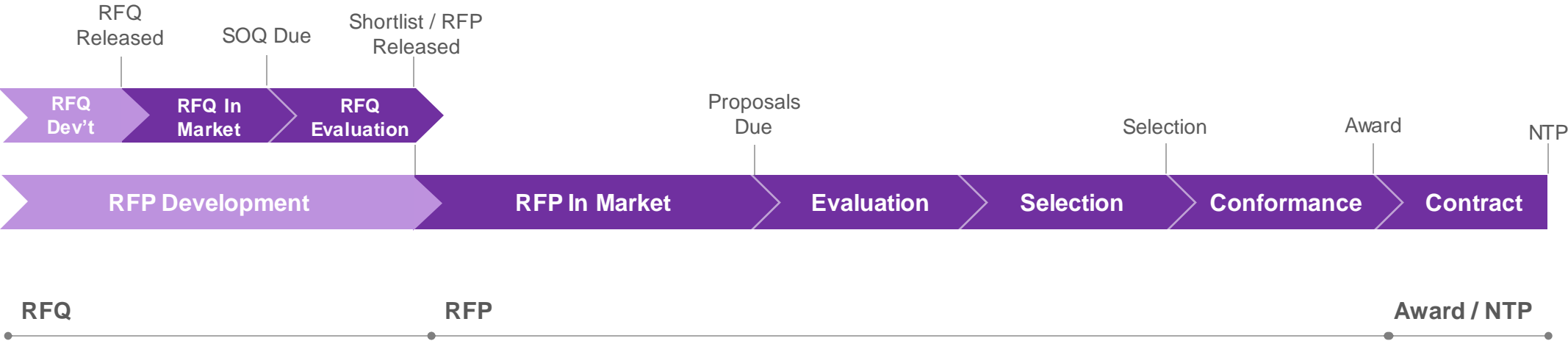
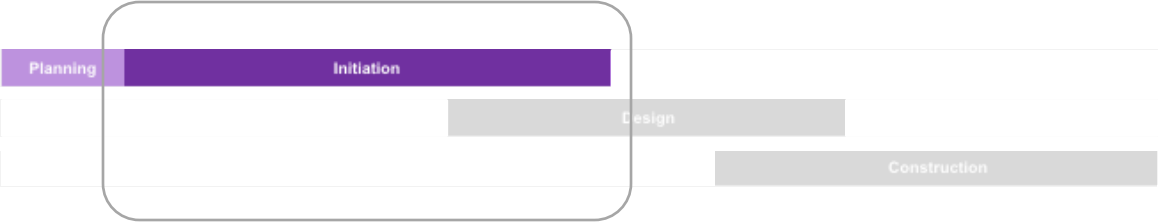
DDC DESIGN-BUILD

- **Two-step procurement**
 - Request for Qualifications (RFQ)
 - Request for Proposals (RFP)
- **At the RFQ step, limited project information** is provided to allow proposers to assemble a qualified team
- **At the RFP step, extensive project information** will be released to the shortlisted teams

DESIGN-BUILD AT DDC



Design-Build Two-Stage Procurement



DESIGN-BUILD PROCUREMENT: STAGE 1 - RFQ



- **Project Information**

- Overview and Goals
- Project Description and Scope
- Schedule and Budget

Project-Specific

- **Procurement Information**

- Procurement Stages
- Evaluation Process
- Procurement Instructions

DDC Standard for DB Procurements
(*Project-Specific Modifications*)

- **Submission Requirements**

- SOQ Contents and Format

- **Procurement Rules and Legal Requirements**

DDC Standard for all Procurements

DESIGN BUILD PROCUREMENT: STAGE 1 - RFQ



- Fundamental Qualifications or Pass/Fail (including financial, legal, teaming)
- Design-Build Approach
- Key Personnel and Team Organization
- Project Experience and Past Performance
- M/WBE Program Experience and Approach

DESIGN BUILD PROCUREMENT: STAGE 2 - RFP

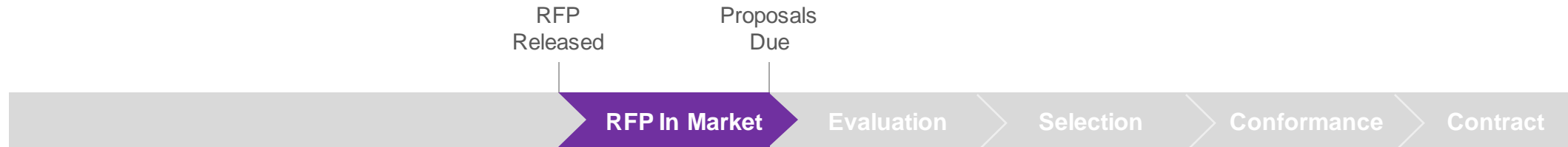


- **Instructions to Proposers**
- **Design-Build Agreement**
- **Standard Project Requirements**
 - Safety, management, documentation, payments, sustainability, environmental, commissioning, etc.
- **Specific Project Requirements**
 - Scoping or Bridging Documents
 - Project Schedule
- **Reference Documents**
 - ULURP, reference standards, best practices
- **Available Documents**
 - CPSD, surveys, geotechnical reports, etc.

DDC Standard

Project-Specific

DESIGN BUILD PROCUREMENT: STAGE 2 - RFP

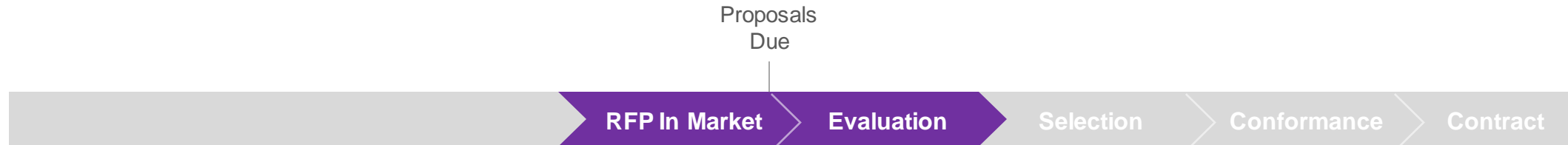


- **Collaborative Dialog Meetings**
 - Confidential
 - Design, technical, legal
- **RFIs**
- **Alternative Technical Concepts (ATCs)**

DEFINITIONS

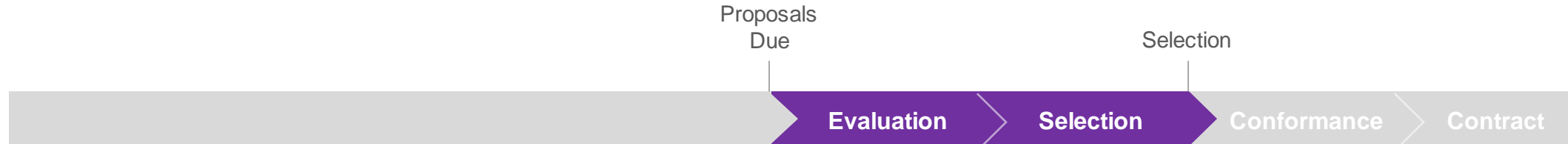
Alternative Technical Concepts are innovative solutions that are equal or better than the proposed design or construction criteria

DESIGN BUILD PROCUREMENT: STAGE 2 - RFP



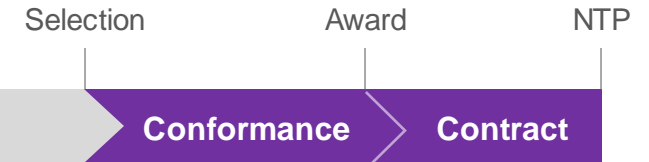
- **Administrative Proposal**
 - Team Legal and Financial Information
- **Technical Proposal**
 - Design Approach Summary and Presentation
 - Drawings
 - Outline Specifications
 - Life-Cycle Costs
 - Schedule
 - Construction Solution
 - Team Structure, Experience, and Key Personnel
- **Price Proposal**
 - Contract Price, Schedule of Values, Payment Schedule

DB PROCUREMENT: STAGE 2 - RFP



- **Technical Evaluation**
 - Design, Schedule and Logistics, Team Experience, Financial Strength, Price/Value Reasonableness
- **Selection**
 - Best Value Determination

DB PROCUREMENT: AWARD



- **Negotiation**
 - Limited negotiations if initiated by DDC
- **Conformance**
 - Minor changes to the contract documents if needed
- **Award**
- **Execution**
- **Registration**

PROJECT OVERVIEW


Sofia Zuberbuhler-Yafar
Program Director, Design, Infrastructure

PROJECT OVERVIEW

SOFIA ZUBERBUHLER-YAFAR

PROGRAM DIRECTOR, DESIGN, INFRASTRUCTURE



A circular inset image on the left side of the slide shows a construction worker wearing a high-visibility yellow and orange vest, a maroon shirt, blue jeans, a black cap, and a face mask. The worker is bent over, pouring a light-colored liquid from a white bucket onto the asphalt surface of a road. A large black truck is parked on the road behind the worker. The background of the slide shows a street scene with a red pickup truck and other vehicles parked along the side.

GKOH15-DB, Porous Pavement Panels

<https://youtu.be/NN7dCkFB0KU>



Trench with Fabric

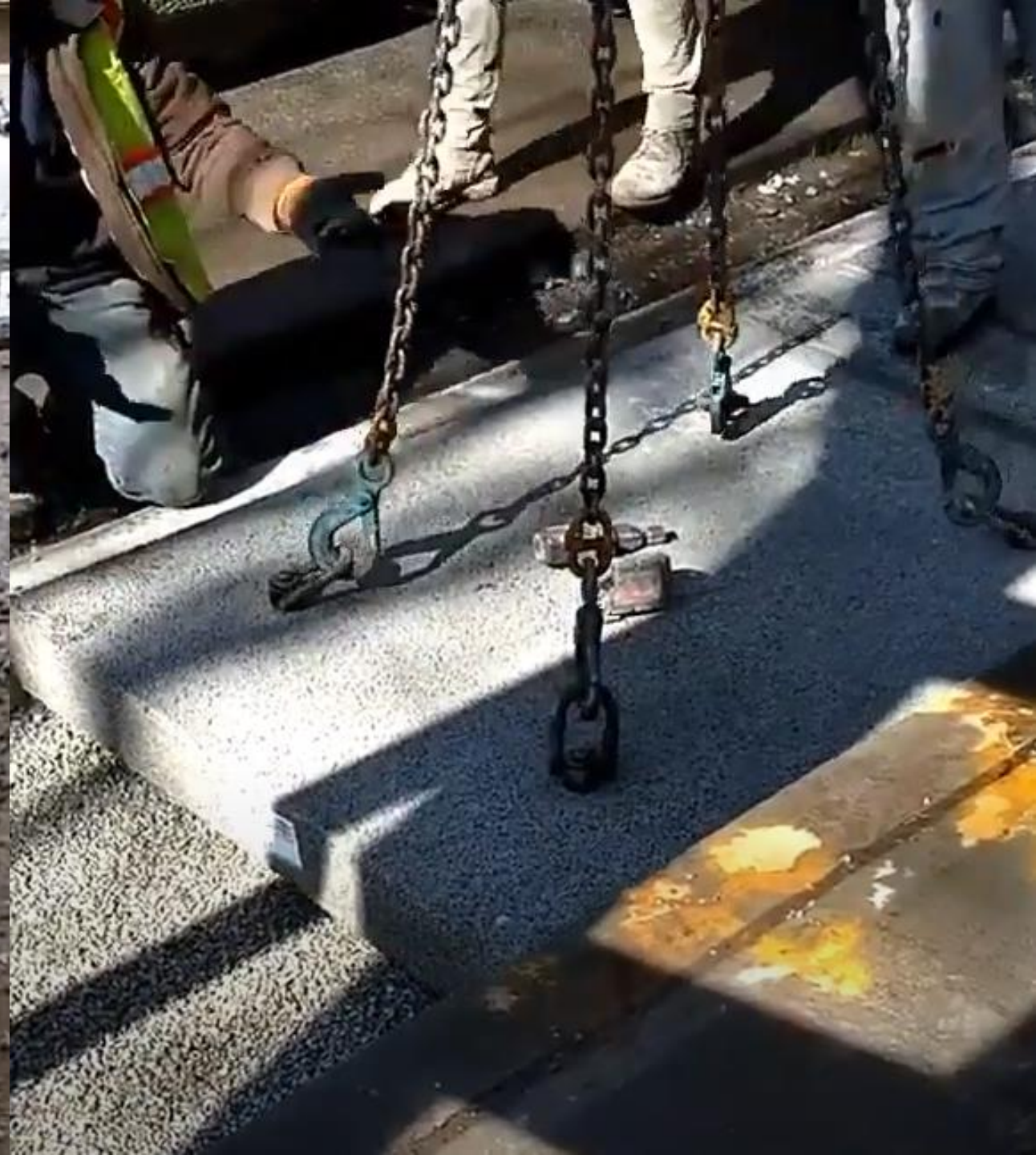


Snap Line at Stone Elevation











**Feild trim slabs
as needed**



Patch asphalt and compact





Porous Pavement in NYC

The New York City Department of Environmental Protection (DEP) is building porous pavement and other types of green infrastructure to manage stormwater in local waterways.

Porous pavement is special roadway paving that is designed to collect and manage stormwater that runs off the streets and sidewalks when it rains.

Green infrastructure is a cost-effective way to help create a sustainable New York City.

- ✓ Reduces temperature during hot weather
- ✓ Improves street drainage
- ✓ Reduces puddles and ponds
- ✓ Reduce pollution to New York City waterways



nyc.gov/greeninfrastructure

NYC Green Infrastructure



WANT TO LEARN MORE?

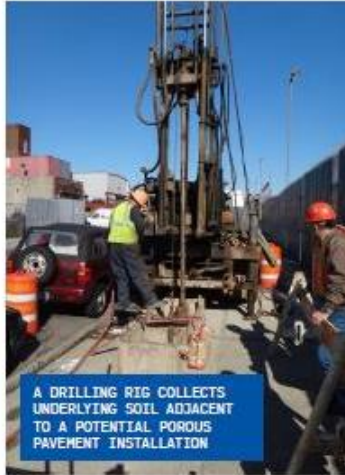
Visit our website for additional information and a map of rain garden locations at nyc.gov/greeninfrastructure

Call 311 anytime or call us directly at (718) 595-7599

You can also email us at RainGardens@dep.nyc.gov



GREEN SPRAY PAINT MARKS
POTENTIAL DRILLING
LOCATIONS FOR POROUS
PAVEMENT



A DRILLING RIG COLLECTS
UNDERLYING SOIL ADJACENT
TO A POTENTIAL POROUS
PAVEMENT INSTALLATION

Design & Construction

You may notice the following activities on your block during the porous pavement design and construction process.

Selection Process

- Potential locations for drilling are marked with green spray paint. This spray paint dissolves over time. Property owners will not receive a ticket for our spray paint.
- Not all locations that receive spray paint will receive porous pavement in the adjacent roadway. All porous pavement will be installed in the roadway, not the sidewalk. This selection process can take several months.
- A drilling company is used to collect and test underlying soil to ensure that it can absorb stormwater. Only locations that effectively absorb stormwater are considered for porous pavement.
- Engineers work with utility companies to avoid conflicts with existing service lines.

Construction

During construction, the asphalt in the parking lane is removed and the material underneath is excavated to a two foot depth and backfilled. The excavated area is backfilled with stone which allows for infiltration. The asphalt surface will be replaced with four foot wide porous concrete panels.

Any sidewalk or curb that must be removed during installation will be replaced. During construction, every effort will be made to limit the impact construction activities may have on residents.

Maintenance

- Before taking over maintenance, the City inspects each completed porous pavement installation to ensure the roadway has been constructed properly and the porous pavement collects stormwater as intended.
- The City is responsible for porous pavement maintenance. Maintenance crews will clean the porous pavement as necessary to maintain maximum infiltration and stormwater management, as well as removing noticeable debris accumulation from pollen and/or leaves on a regular basis.

To report a maintenance issue, please call 311 or visit www.nyc.gov/311

Frequently Asked Questions

Will the porous pavement attract mosquitoes?

Mosquitoes require a minimum of 72 hours in standing water for larvae development. Porous pavement is designed to eliminate any standing water in the roadway. There will be no ponding of water on porous pavement, and overflows will continue to flow to the catch basin as is currently typical during storm events. If porous pavement does not appear to be draining properly, please call 311 or email us at raingardens@dep.nyc.gov.

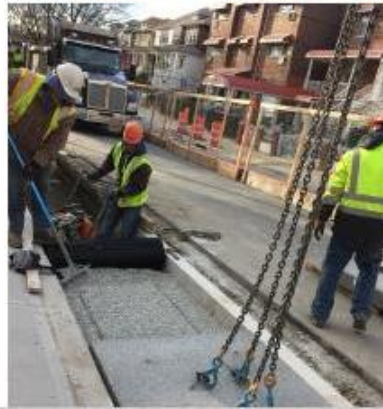
Will the porous pavement remove parking?

No, once installed, the porous pavement can be parked on or driven over, just like standard asphalt paving. There will be no change to current street parking regulations. During construction, there will be temporary parking restrictions, but will be kept at a minimum to reduce impact to the community.

Will there be impacts to my driveway?

During construction, a Community Construction Liaison will contact all homeowners, in particular those with driveways, to coordinate installation activities to minimize impact to use of driveways. Typically, access would be limited to within the working day, and would be restored every evening, even if construction continued to the following day.

CONTRACTORS INSTALL POROUS PAVEMENT IN THE ROADWAY



A FINISHED POROUS PAVEMENT INSTALLATION IN QUEENS.



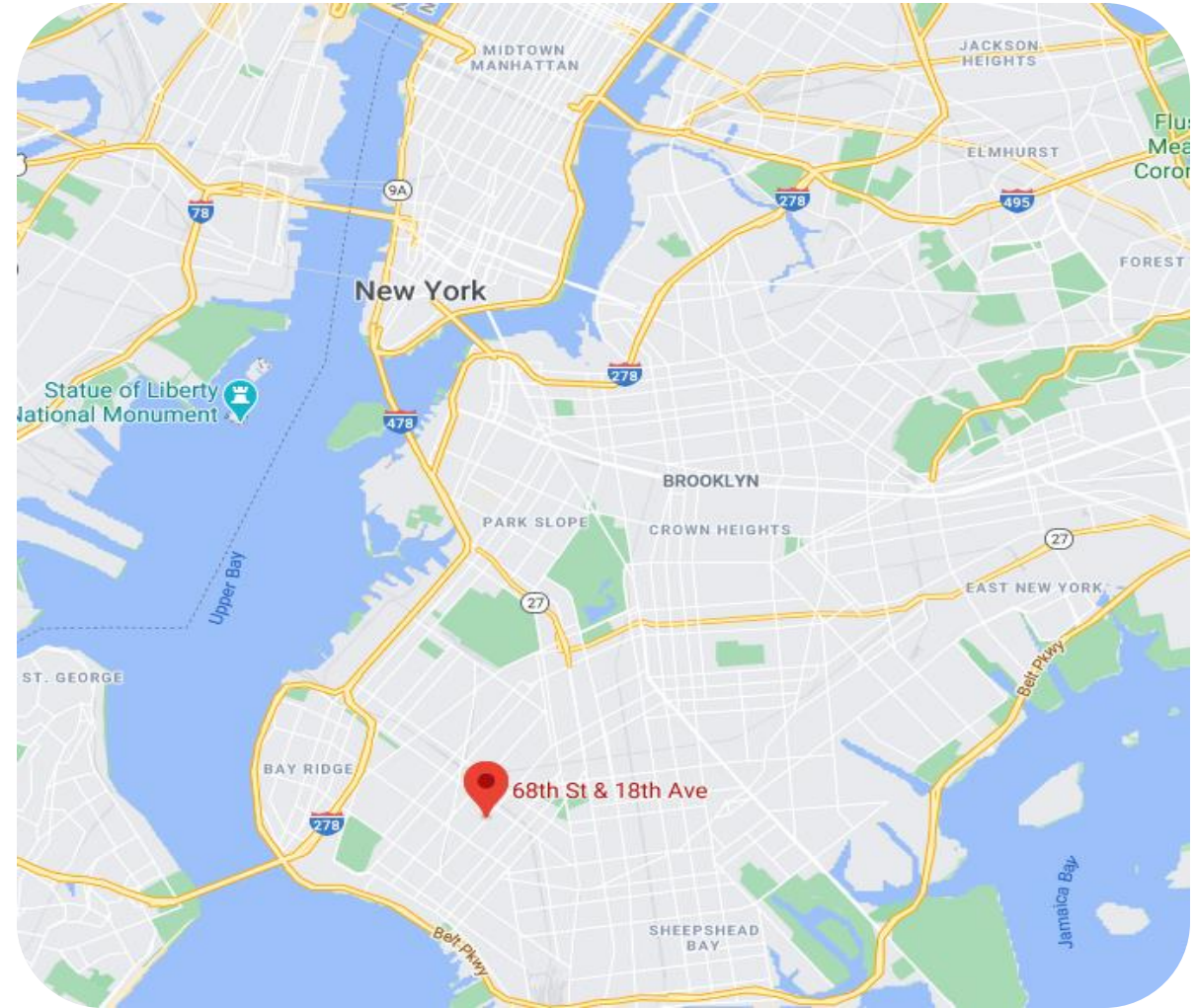
GKOH15-DB, Precast Porous Concrete Pavement

Project Scope

- A pilot project to construct PPCP, within the northern portion of the Owl's Head CSO tributary area of Brooklyn.

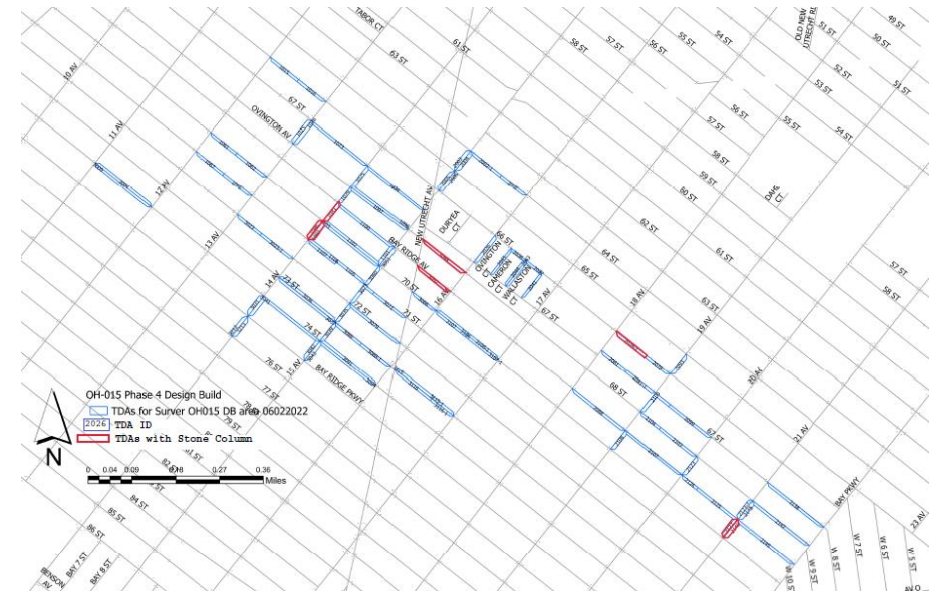
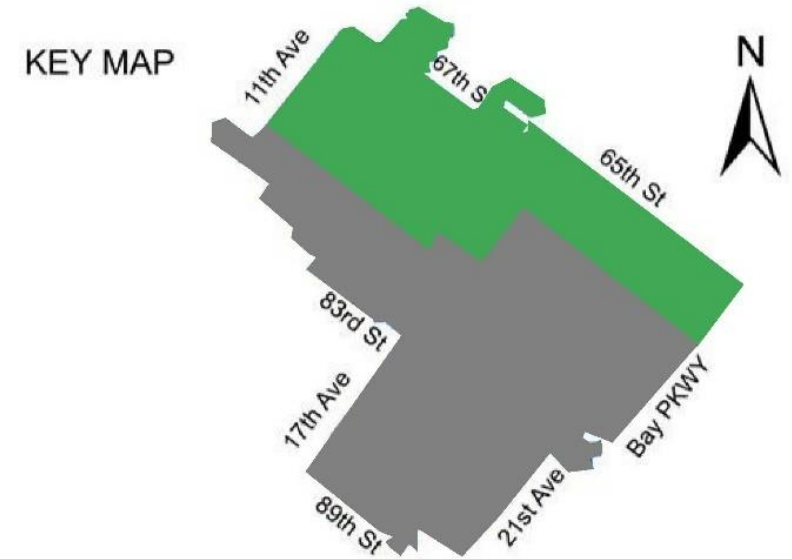
Background

- NYSDEC Consent Order sets a combined sewer overflow (CSO) reduction goal of 1.67 billion gallons a year
- NYC DEP goal: 507 million gallons a year through the green infrastructure program



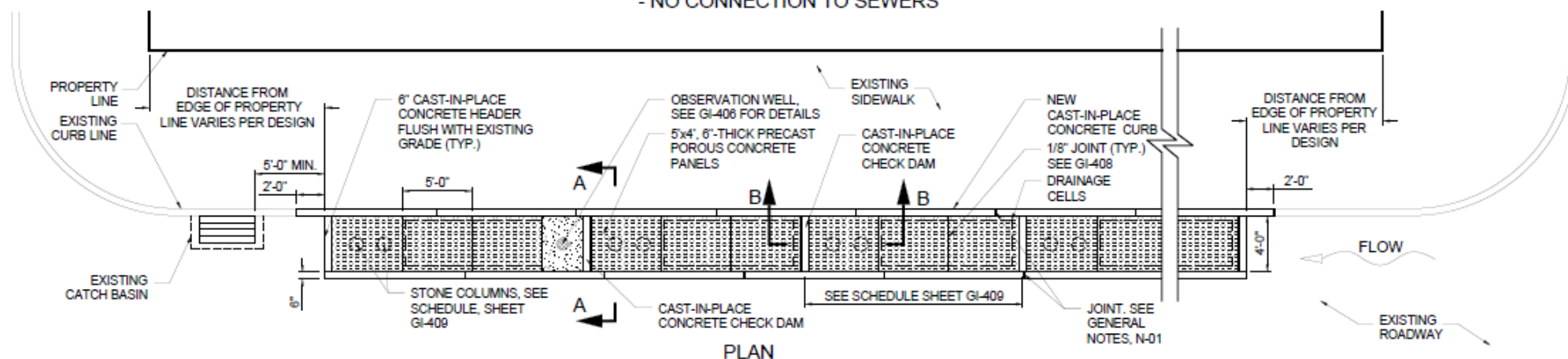
GKOH15-DB, Precast Porous Concrete Pavement

- Contract area is 412 acres with limits of:
 - 11th Avenue NW; 68th, 70th and 72nd Streets SW and Bay Parkway SE.
- Proposed project scope
 - Construction of PPCP in the parking lane
- DDC will provide to design-builder:
 - Data from site investigations,
 - Locations of PPCP
 - Performance-based specifications to follow

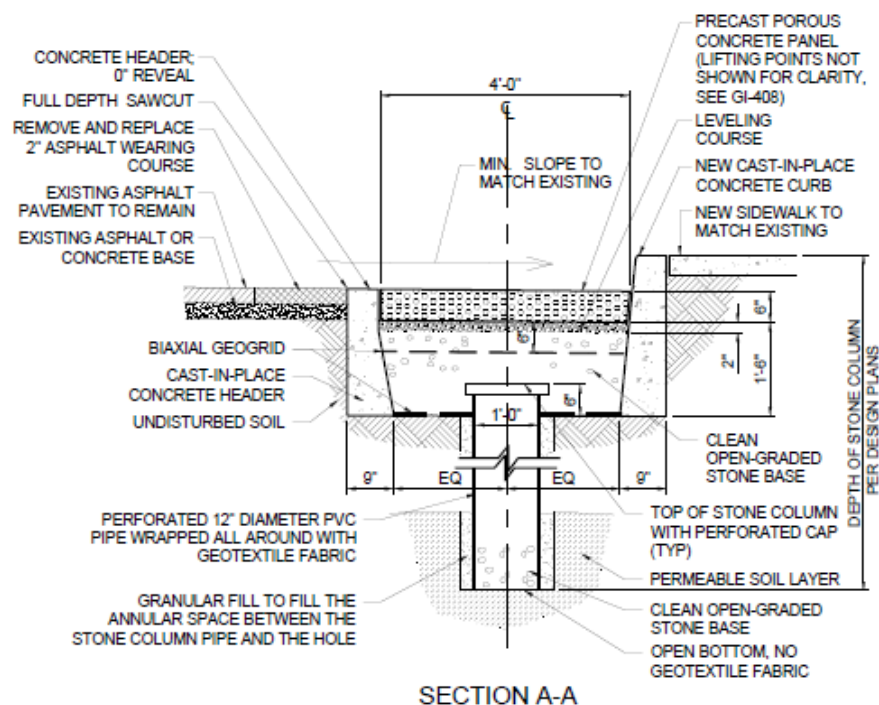


DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PLANNING & ANALYSIS – GREEN INFRASTRUCTURE DESIGN & CONSTRUCTION
**STANDARD FOR 4' WIDE R.O.W. PRECAST POROUS CONCRETE PANELS TYPE A
WITH DRAINAGE CELLS AND STONE COLUMNS**

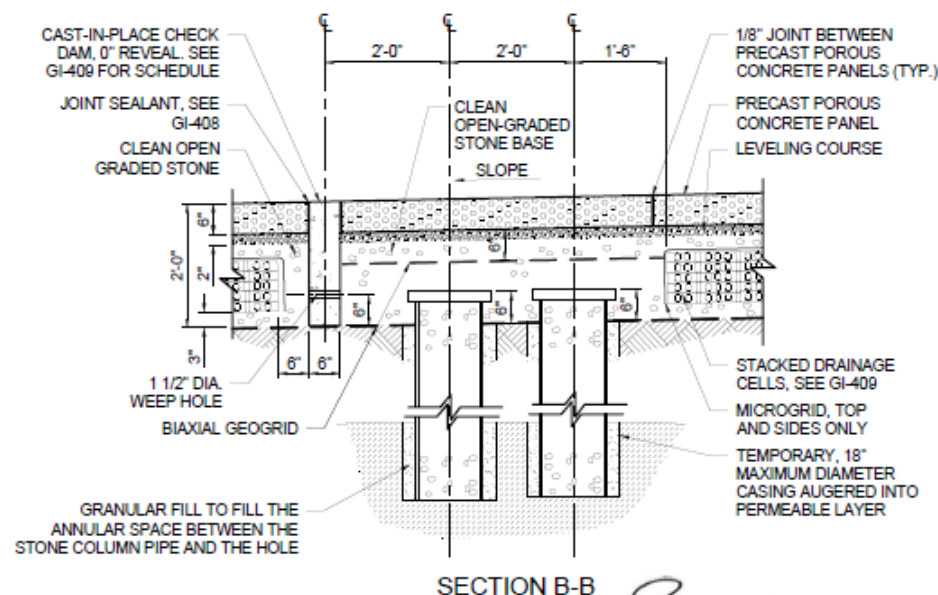
- NO CONNECTION TO SEWERS



PLAN



SECTION A-A



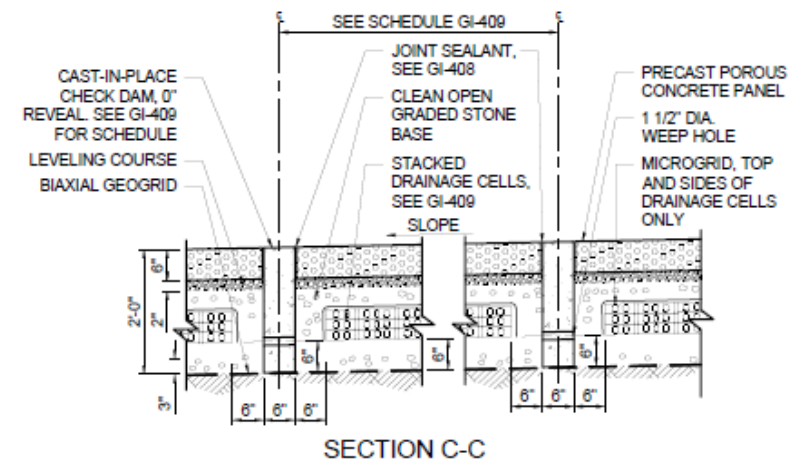
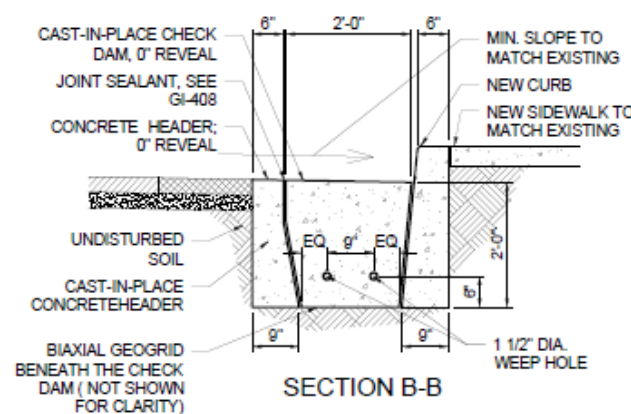
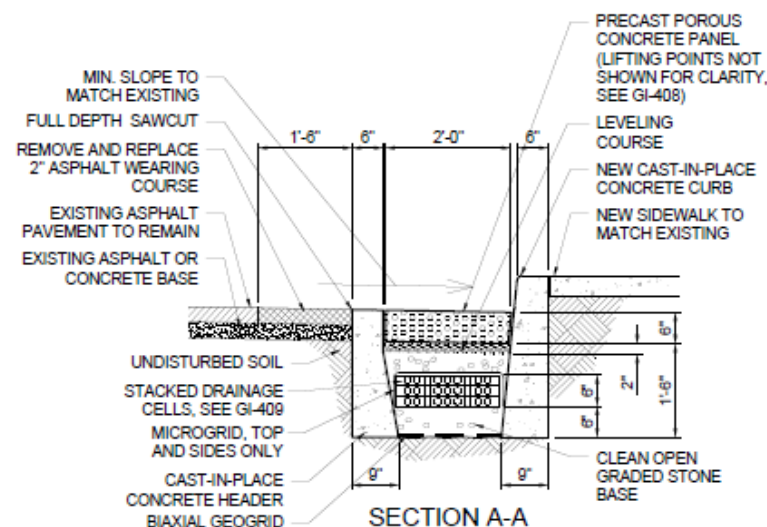
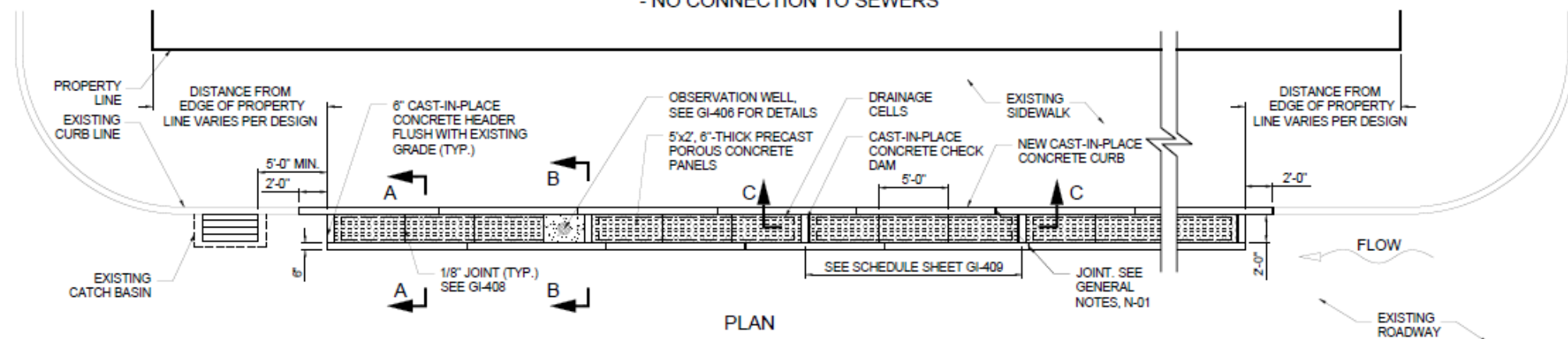
SECTION B-B

Roopesh Joshi

P.E. 04-01-2022
DATE

MANAGING DIRECTOR,
GREEN INFRASTRUCTURE DESIGN & CONSTRUCTION

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PLANNING & ANALYSIS - GREEN INFRASTRUCTURE DESIGN & CONSTRUCTION
**STANDARD FOR 2' WIDE R.O.W. PRECAST POROUS CONCRETE PANELS
WITH DRAINAGE CELLS**
- NO CONNECTION TO SEWERS

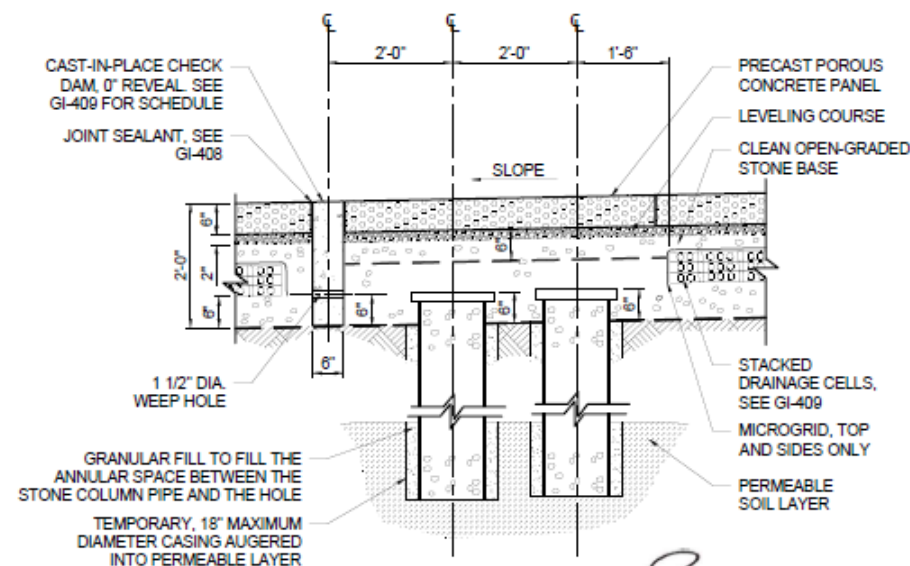
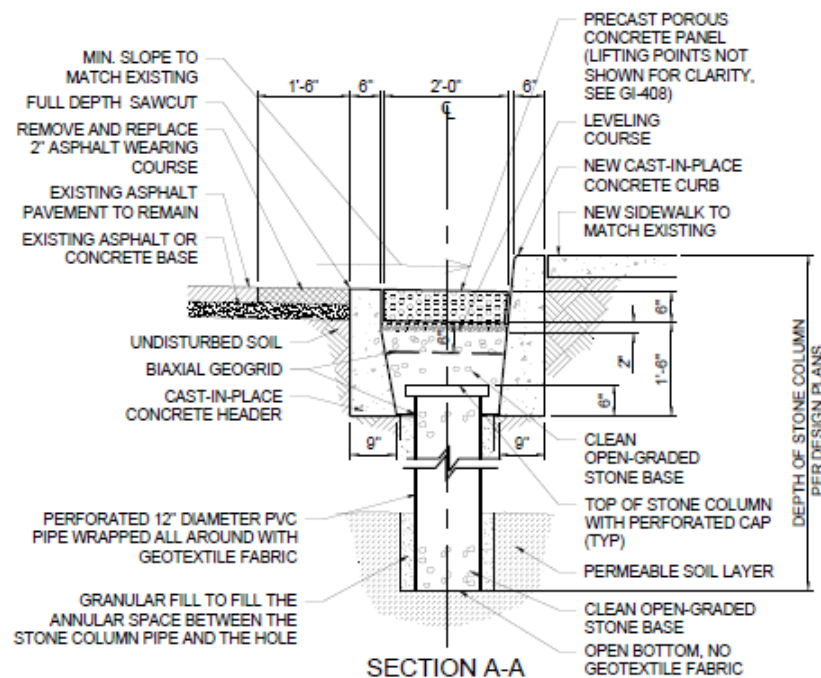
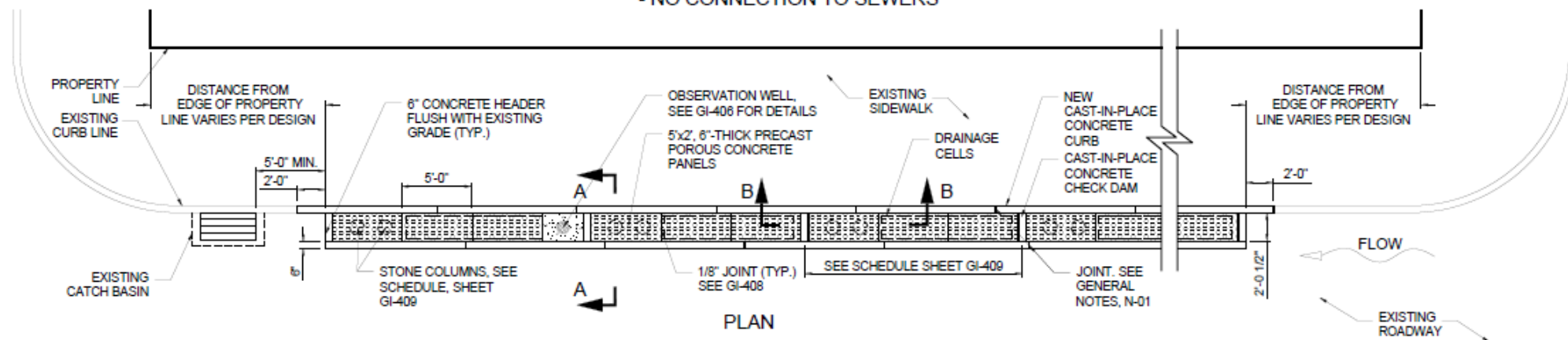


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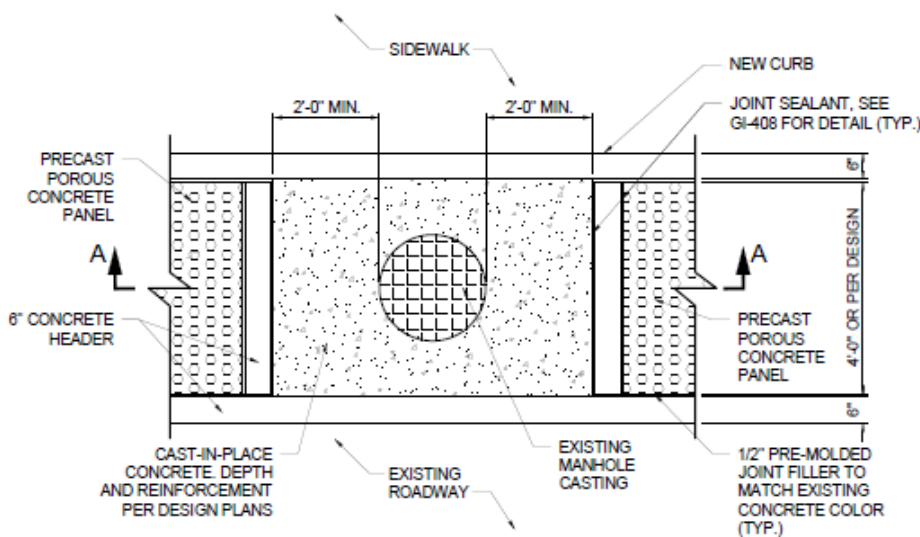
MANAGING DIRECTOR,
GREEN INFRASTRUCTURE DESIGN & CONSTRUCTION

P.E. 04-01-2022
DATE

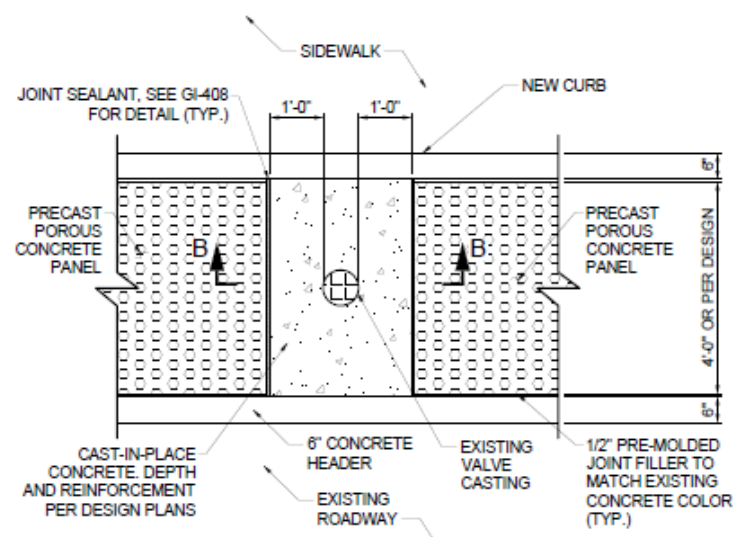
CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PLANNING & ANALYSIS – GREEN INFRASTRUCTURE DESIGN & CONSTRUCTION
STANDARD FOR 2' WIDE R.O.W. PRECAST POROUS CONCRETE PANELS TYPE A
WITH DRAINAGE CELLS AND STONE COLUMNS
- NO CONNECTION TO SEWERS



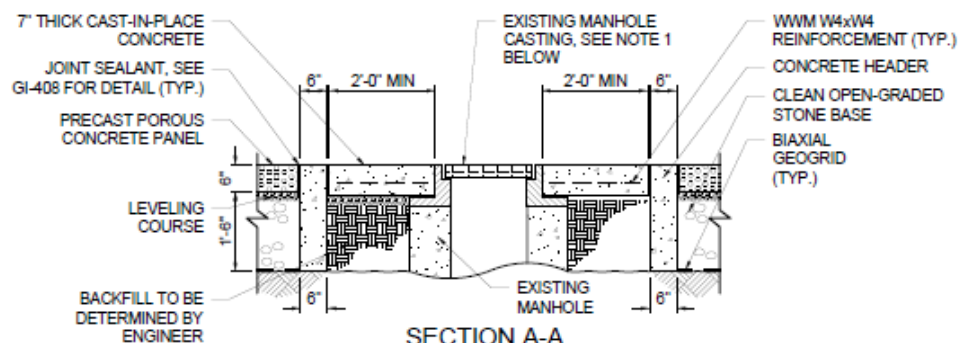
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R.O.W. PRECAST POROUS CONCRETE PANELS - CASTING DETAILS



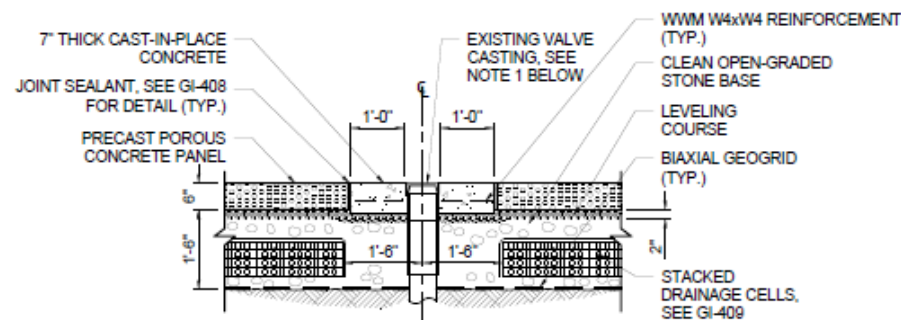
CASTING DETAIL - MANHOLE



CASTING DETAIL - VALVE



SECTION A-A



SECTION B-B

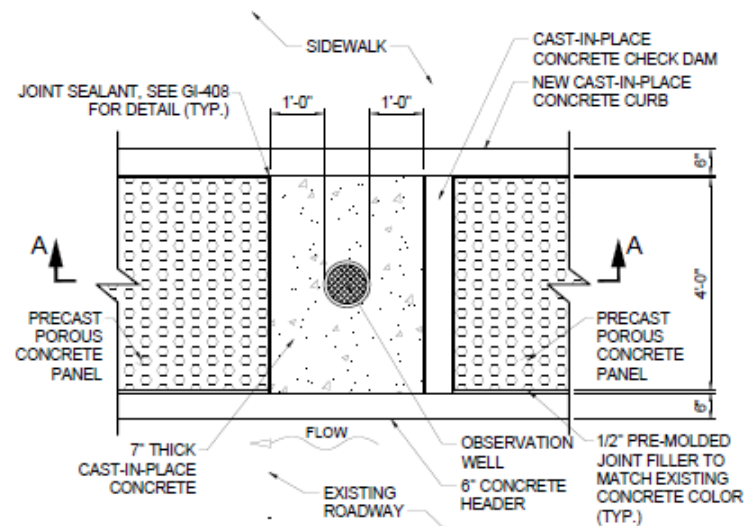
NOTES:

1. CASTINGS INCLUDE BUT NOT LIMITED TO MANHOLES, UTILITY VALVES AND UTILITY GRATES. IF CASTING INTERRUPTS HEADER, DETAILS TO BE COORDINATED WITH UTILITY STAKEHOLDER
2. IMPERMEABLE LINER REQUIRED UNDER CAST-IN-PLACE CONCRETE AT LOCATIONS WITH UTILITY VALVES

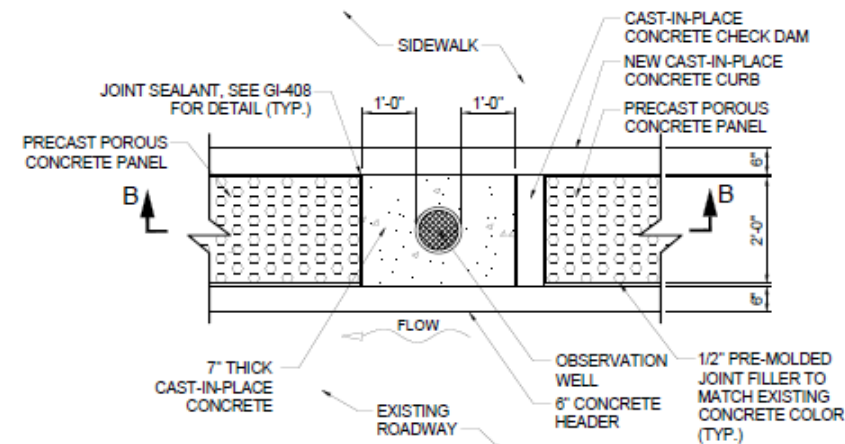
Rooper & Foster
MANAGING DIRECTOR,
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P.E. 04-01-2022
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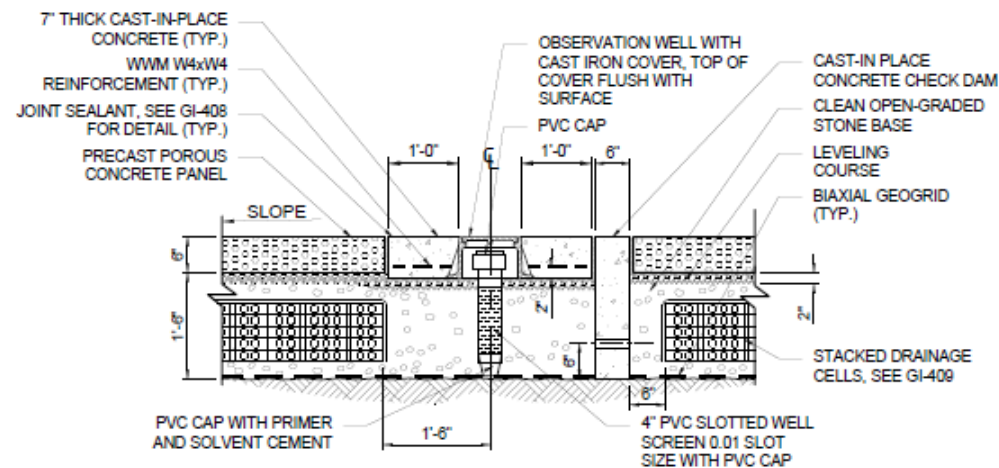
CITY OF NEW YORK
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R.O.W. PRECAST POROUS CONCRETE PANELS - OBSERVATION WELL



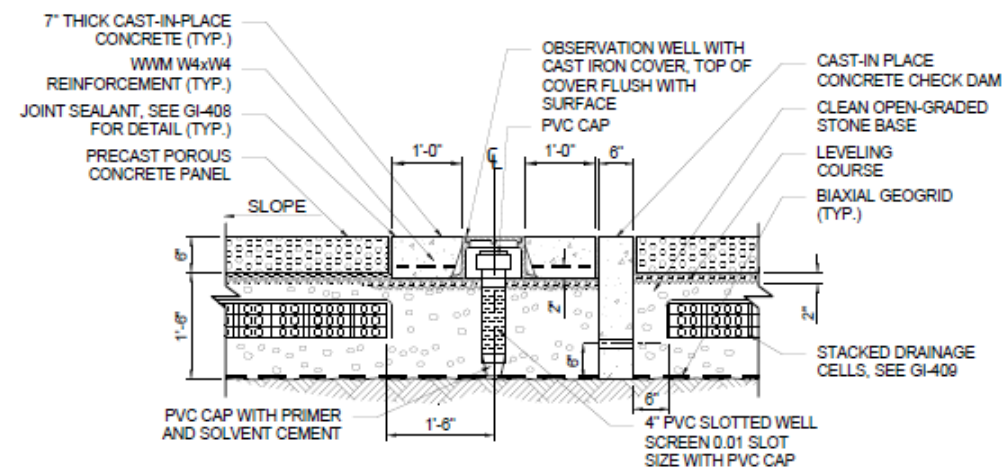
OBSERVATION WELL DETAIL



OBSERVATION WELL DETAIL



SECTION A-A



SECTION B-B

NOTES:

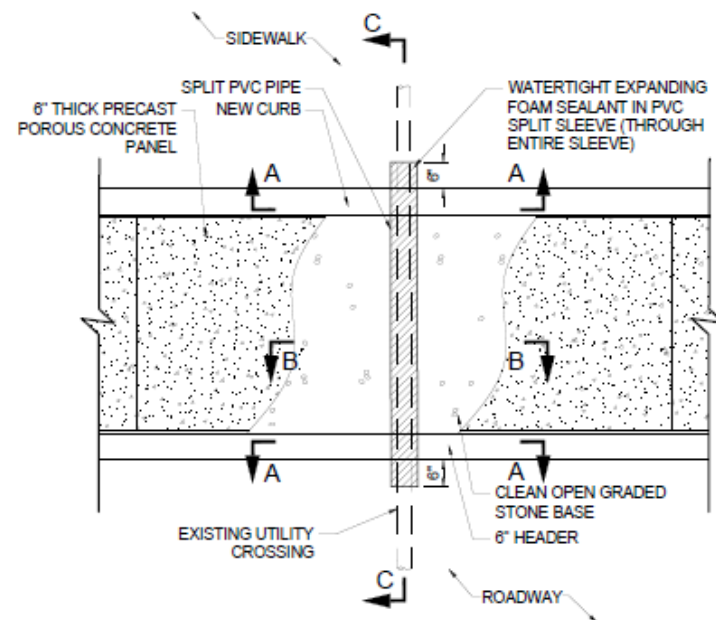
1. WHEN REQUIRED, THE OBSERVATION SHALL BE PLACED DOWNSTREAM FROM A CHECK DAM
2. IMPERMEABLE LINER REQUIRED UNDER CAST-IN-PLACE CONCRETE

Rooper & Foster

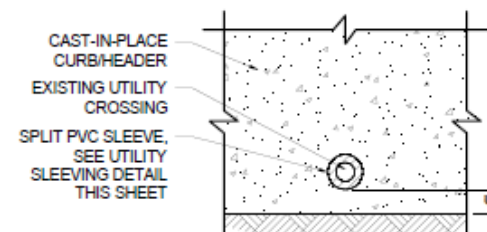
MANAGING DIRECTOR,
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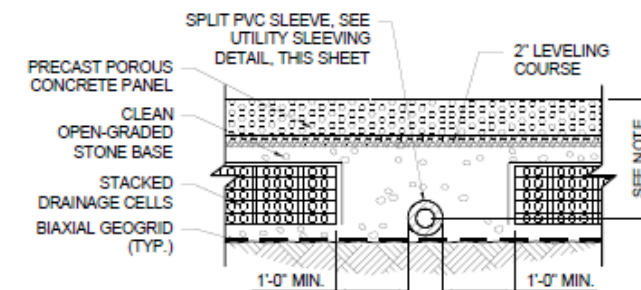
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R.O.W. PRECAST POROUS CONCRETE PANELS - UTILITY CROSSING DETAILS



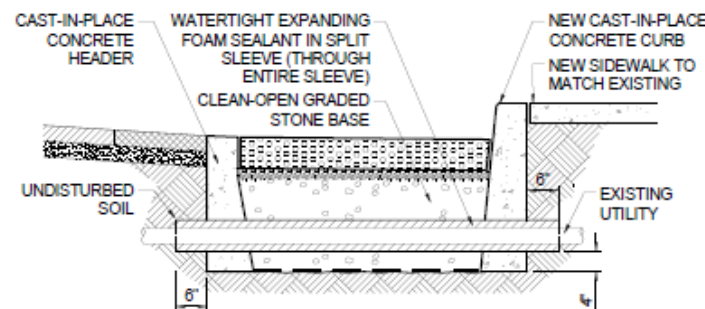
PLAN - UTILITY CROSSING



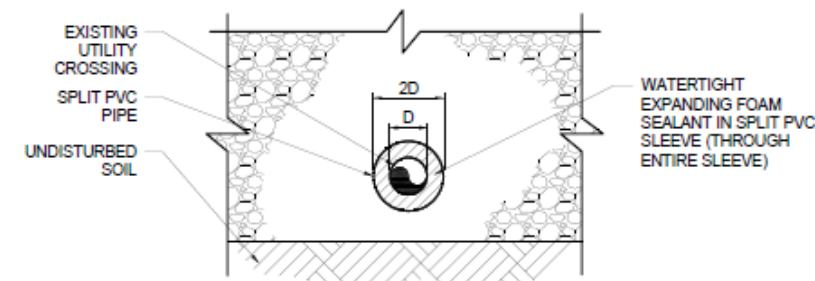
SECTION A-A



SECTION B-B



SECTION C-C



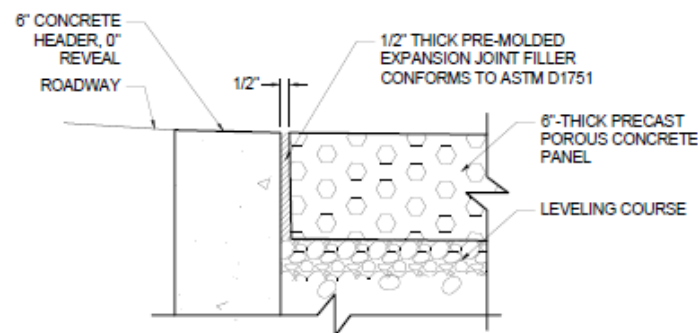
UTILITY SLEEVING DETAIL

NOTE:
SLEEVING DETAILS ONLY APPLICABLE WHEN UTILITY IS FOUND
WITHIN 24" OR LESS FROM TOP OF PRECAST POROUS PANEL

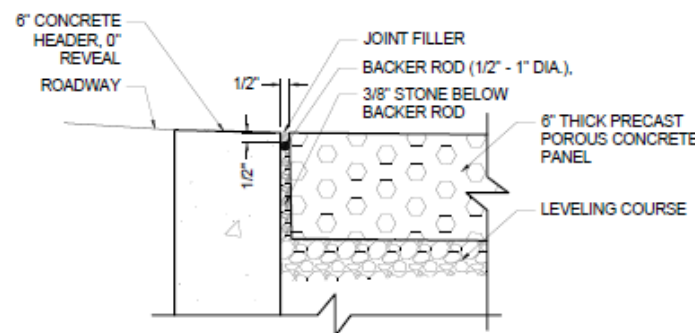
Roopesh Joshi
MANAGING DIRECTOR,
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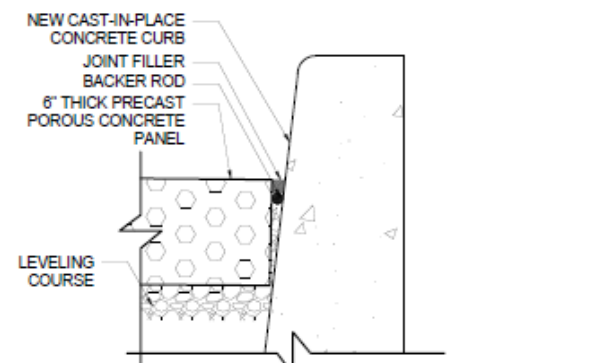
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R.O.W. PRECAST POROUS CONCRETE PANELS - SECTIONS AND DETAILS



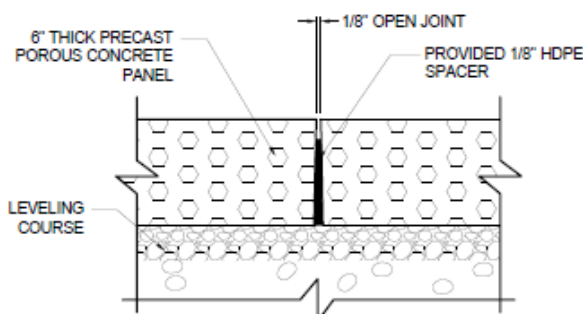
**TYPICAL JOINT SEALANT DETAIL
AT CONCRETE HEADER**



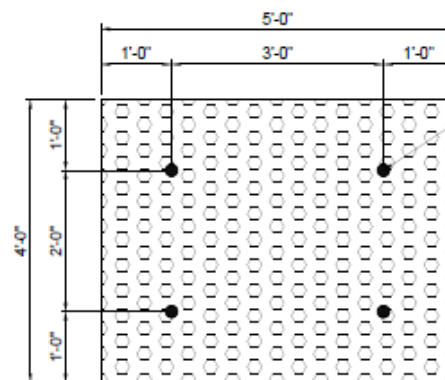
**ALTERNATE JOINT SEALANT DETAIL
AT CONCRETE HEADER**



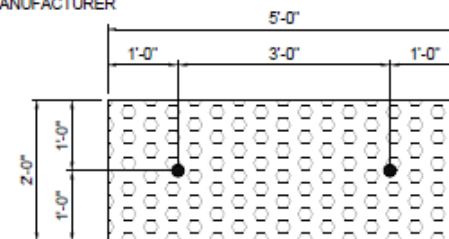
**TYPICAL POROUS CONCRETE PANEL JOINT DETAIL
AT CONCRETE CURB**



TYPICAL PANEL TO PANEL JOINT DETAIL



5'x4'x6" POROUS PANEL PLAN VIEW



5'x2'x6" POROUS PANEL PLAN VIEW

NOTES:

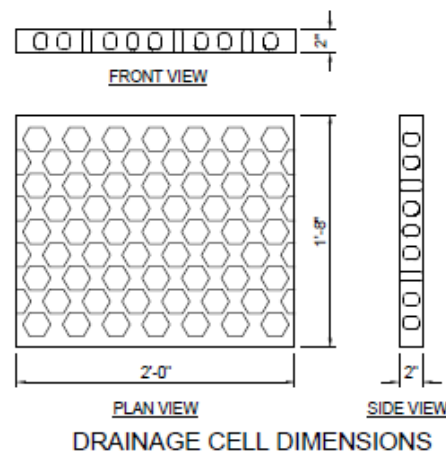
1. MAXIMUM JOINT SPACE BETWEEN POROUS CONCRETE PANELS IS 1/8".
2. CURB AND HEADER EXPANSION JOINTS AT 10 FEET MAXIMUM SPACING.
3. CONTRACTOR SHALL TRIM (VIA SAWCUT) POROUS CONCRETE PANELS NO MORE THAN 6" ON ANY END.
4. NO POROUS CONCRETE PANEL SHALL BE LESS THAN 4 FT IN LENGTH WITHOUT THE ENGINEER'S APPROVAL.
5. ADJUST THE LIMIT OF WORK TO AVOID END PANELS LESS THAN 4 FT IN LENGTH.
6. CONTRACTOR SHALL INSTALL 3/4" STONE IN LIFTS OF 6" (MAX.) AND SHALL MAKE TWO PASSES OF A PLATE COMPACTOR (200 LBS MIN.) OVER EACH LIFT PRIOR TO INSTALLATION OF 3/8" LEVELING COURSE.
7. AT THE DIRECTION OF THE ENGINEER, CONTRACTOR TO REPLACE ANY CURB OR DRIVEWAY APRON THAT IS DAMAGED DURING CONSTRUCTION AS PER NYCDOT STANDARDS.
8. SEAL EDGES OF ANY SAWCUTS IN THE WEARING COURSE WITH LIQUID ASPHALT CEMENT AS PER TITLE 34 NYCDOT HIGHWAY RULES (PAGE 71, SECTION 2-11(E)(12)(VIII)).
9. CASTINGS INCLUDE BUT NOT LIMITED TO MANHOLES, UTILITY VALVES AND UTILITY GRATES.

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MANAGING DIRECTOR,
GREEN INFRASTRUCTURE DESIGN & CONSTRUCTION

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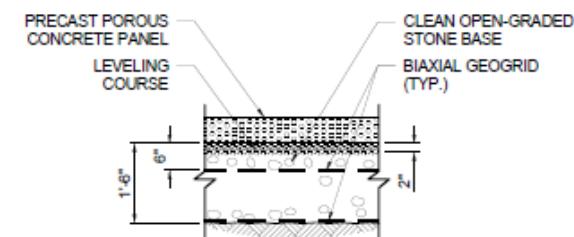
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R.O.W. PRECAST POROUS CONCRETE PANELS - SECTIONS AND DETAILS



ROADWAY LONGITUDINAL SLOPE, S (%)	MAXIMUM DISTANCE BETWEEN CHECK DAMS (FT)	NUMBER OF STONE COLUMNS, WHEN REQUIRED
$0 \leq S \leq 0.5$	100	3
$0.5 < S \leq 1.0$	50	2
$1 < S \leq 1.5$	33	2
$1.5 < S \leq 2.0$	25	1
$2.0 < S \leq 2.5$	20	1
$2.5 < S \leq 5.0$	10	1

NOTE: CHECK DAMS TO BE SPACED EQUALLY

CHECK DAM SPACING SCHEDULE



Rooper & Foster

MANAGING DIRECTOR,
GREEN INFRASTRUCTURE DESIGN & CONSTRUCTION

P.E.

04-01-2022

DATE

GENERAL PROCUREMENT INFORMATION

Michael Shipman, Agency Chief Contracting Officer

ATTENDANCE

Please be sure to sign in. Attendance will be taken using the Microsoft Form link provided in the Webex chat.

This attendance sheet will be posted on our DDC website.

PASSPORT

Procurement and Sourcing Solutions Portal (PASSPort) Disclosure Filing (formerly known as Vendor Information Exchange System (VENDEX) Forms or Certificate of No Change)

All organizations intending to do business with the City of New York should complete an online disclosure process to be considered for a contract. This disclosure process was formerly completed using Vendor Information Exchange System (VENDEX) paper-based forms. In anticipation of awards, proposers must create an online account in the new Procurement and Sourcing Solutions Portal (PASSPort) and file all disclosure information.

Paper submissions, including certifications of no changes to existing VENDEX packages will not be accepted in lieu of complete online filings.

REQUEST FOR QUALIFICATIONS: KEY DATES

Procurement Process	Timeline
RFQ Release	February 1, 2022
RFQ (Step I) Questions and Comments Due	July 13, 2022 @ 4:00PM
Responses to RFQ Questions Posted	July 27, 2022
Register w/ PASSPort No Later Than	July 27, 2022
Statement of Qualifications Due	August 10, 2022 @ 4:00PM
Shortlisted Teams Announced	October 18, 2022
Issue Draft RFP (Step II)	October 2022
Final Conformed RFP	January 2022
Proposal Due	February 2023
Contract Award	June 2023
Notice to Proceed	October 2023

REQUEST FOR QUALIFICATIONS: INQUIRIES

Inquiries must be requested via **email** no later than:
4:00PM, July 13, 2022

Inquiries must be submitted to:
Design_Build@DDC.NYC.gov

Use subject line:
Proposer Name-RFI-#-Project ID

REQUEST FOR QUALIFICATIONS: SOQ CONTENTS

Vendors shall submit the following separate PDF Files. Submittals must be in accordance with **Exhibit B2 and Exhibit B4**.

1. SOQ
2. Doing Business Data Form (Exhibit E-2)

Vendors are required to submit all items on Exhibit B-4 to ensure their submittals are complete.

All Addenda are required to be acknowledged and included with the SOQ.

REQUEST FOR QUALIFICATIONS: **SOQ SUBMISSION**

SOQs must be submitted electronically no later than:

4:00 pm on August 10, 2022

SOQs must be submitted via the box.com link following the submission procedures cited in Exhibit B-2:

<https://ddcnyc.app.box.com/f/facd38425a03403d8e50c1e6bcd1d472>

This link is also listed in the RFQ.

The file names should use the format below:

Proposers Name – SOQ-MM.DD.YY-Project ID

Proposers Name – DBDF-MM.DD.YY-Project ID

A confirmation receipt may be requested by emailing

Design_Build@ddc.nyc.gov (please do not include any attachments in the email)

M/WBE

(Steven) Ding Zheng, MWBE Outreach and Compliance Analyst

MINORITY & WOMEN-OWNED BUSINESS ENTERPRISES: PARTICIPATION REQUIREMENTS

Design-Build legislation provides additional opportunities to engage the M/WBE industry in various City capital projects.

To leverage this opportunity, the M/WBE Program under Design-Build will include:

- M/WBE Program Experience Form at the RFQ Stage
- M/WBE Participation goal will be:
 - 30% of the Construction Cost (Including CM Services)
 - 30% of the Design Cost
- Firms will **not** be allowed to submit pre-proposal and pre-award waivers
- There will be a post-award modification assessment that focuses on the design-builder's good faith effort practices
- DDC will monitor performance against M/WBE goals and all good faith efforts during the life of the project

MINORITY & WOMEN-OWNED BUSINESS ENTERPRISES: PARTICIPATION REQUIREMENTS

To facilitate meeting targets while maintaining a robust vendor pool, the Design-Build Program:

- All Design-Build projects must comply “with the objectives and goals” of Admin. Code 6-129
- Allows for the use of **state-certified M/WBEs** in addition to city-certified M/WBEs
- **Eliminates any tier restrictions** on eligible M/WBE participation
- **Counts suppliers** at 60% of the subcontract value

MINORITY & WOMEN-OWNED BUSINESS ENTERPRISES: **PARTICIPATION REQUIREMENTS**

M/WBE Requirement can be achieved by:

1. M/WBE Prime Vendor
2. Qualified M/WBE Joint Venture
3. M/WBE Subcontractor(s)

New York City Department of Small Business Service certified
MWBE firms listed at: www.nyc.gov/SBS

New York State certified MWBE firms listed at:
<https://ny.newnycontracts.com//>

QUESTIONS?

THANK YOU!