

New Jersey Department of Transportation (NJDOT)  
**Route 4 Hackensack River Bridge**  
Final Design (FD) Phase

# Pre-Bid Meeting

City of Hackensack and Township of Teaneck  
Bergen County, New Jersey



September 10, 2025

**Michael Baker**  
INTERNATIONAL

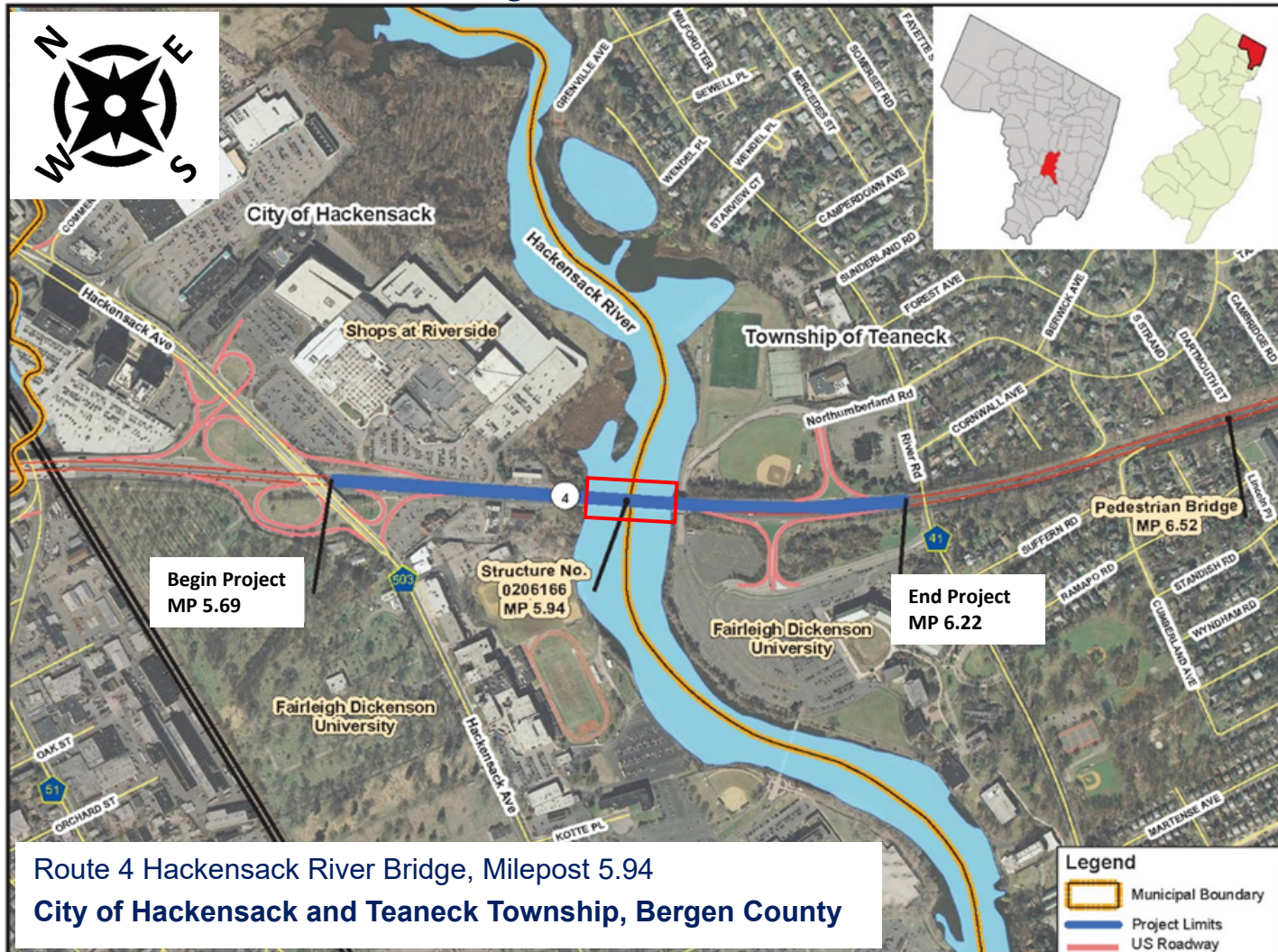
## **Presentation Agenda**

1. Welcome
2. Project Background
  - a. Project Location
  - b. Purpose & Need
  - c. Project Status & Schedule – Final Design (FD) Phase
3. Final Design
  - a. Bridge Replacement Design Plans
  - b. Access Management and Right-of-Way Impacts
  - c. Design Features near FDU Property
  - d. Accommodate future Bergen County Hackensack pathway
  - e. Environmental Resources
4. Construction Staging and Access
5. Civil Rights and Pre-Award Requirements
6. Questions & Answers



# PROJECT BACKGROUND

## Project Location



## Project Information – Existing Conditions

Built in **1931**

**94** years old

### **Current NJDOT Bridge Inspection Report Ratings**

- Deck Overall Rating: **Poor**
- Structure Overall Rating: **Fair**
- Bridge is **not load posted**

### **Bridge is structurally deficient**

- The bridge is safe for travel
- Increased maintenance is required to keep the bridge in a state of good repair



## NJDOT Project Delivery Process

### Concept Development

- Existing conditions evaluation
- Environmental screening
- Alternatives development
- Community engagement
- Selection of Preliminary Preferred Alternative (PPA)

**Completed  
2017**

### Preliminary Engineering

- Initiate roadway, structural, ROW & utility engineering
- Community engagement
- Prepare design & construction estimates
- Approve Environmental Document

**Completed  
2022**

### Final Design

- Complete design & engineering work
- Environmental Reevaluations and Permits
- Prepare construction documents

**Current Phase  
End Date  
Fall 2025**

### Construction

- Advertise for bids
- Award project
- Complete project

**Start Date  
Winter 2026**



## Project Schedule

### Schedule \*:

- Advertise September 2025
- Receive Bid October 2025
- Award Contract November 2025
- Mobilization January 2026
- Construction Duration 4 to 5 years

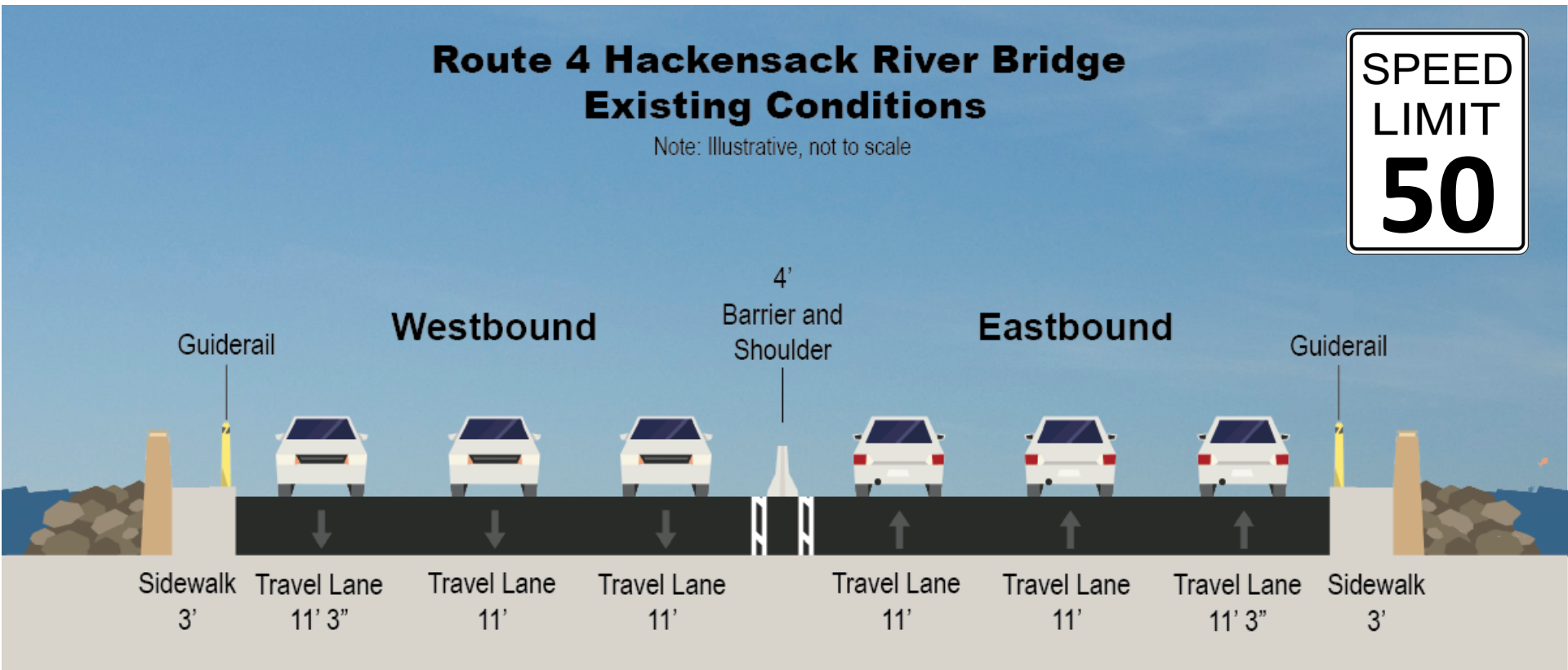
*\* Dates are approximate*

**Estimated Construction Cost      \$150 – 200M**

## Project Information – Existing Conditions

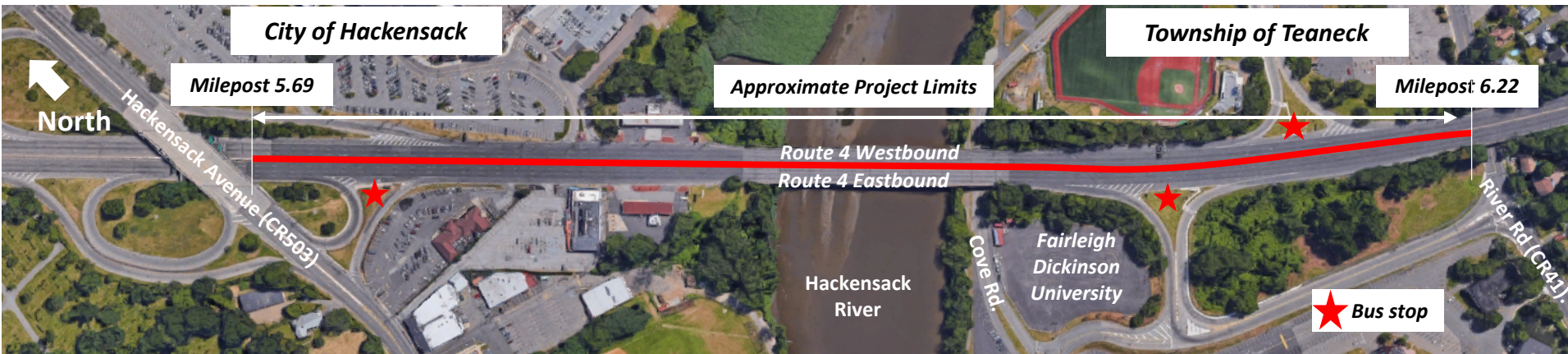
### Route 4 Hackensack River Bridge Existing Conditions

Note: Illustrative, not to scale



**Two-way Annual Average Daily Traffic in 2020  
~138,000 vehicles per day**

## Existing Conditions



### Bridge Deficiencies

- Structurally deficient
- Poor deck condition
- Substandard lane width and shoulders
- Substandard bridge rail

### Roadway Deficiencies

- Pavement in poor condition
- Substandard guide rail and connections
- Substandard geometry and design elements

### Existing Pedestrian Facilities

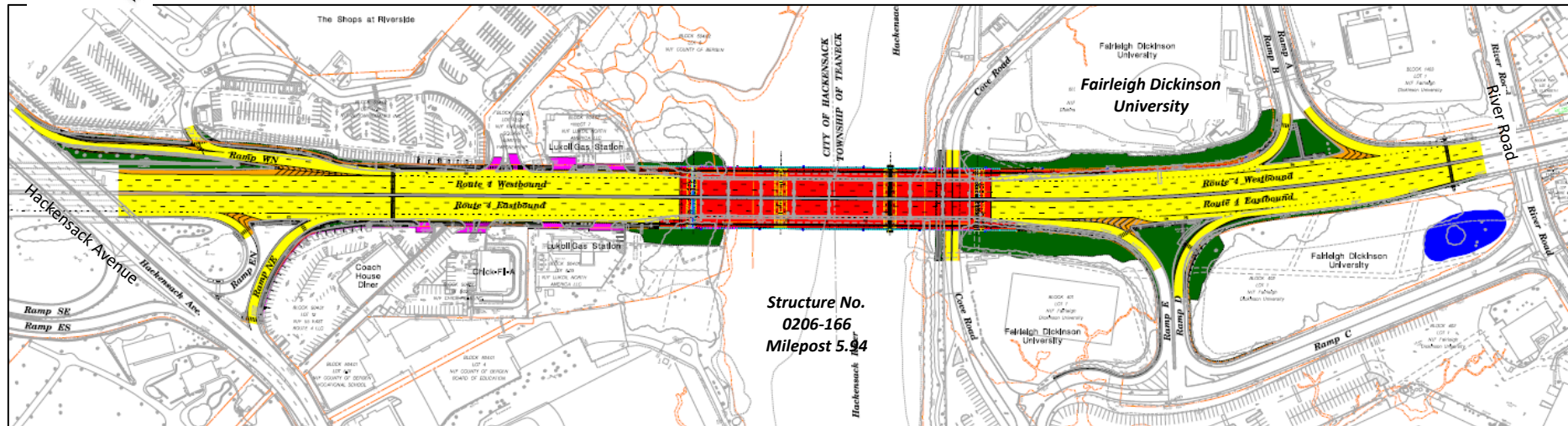
- Lack of connectivity / sidewalk gaps
- Insufficient sidewalk width along the bridge
- Substandard pedestrian railing/parapet
- ADA non-compliant curb ramps

## FINAL DESIGN



*Rendering of future bridge replacement.*









## Bridge Replacement – Final Design Plan



### Proposed Improvements:

- New widened bridge and approach roadways
- Meet current design standards; Eliminated deficiencies
- Improves roadway geometry and pavement condition
- Improves access to existing bus stops
- Adds a stormwater basin to manage stormwater runoff
- Adds sidewalk connectivity from Fairleigh Dickinson to The Shops at Riverside and Hackensack Avenue

### LEGEND:

	LANES		BERM SURFACING
	SHOULDERS		SIDEWALK
	DRIVEWAYS		GRASS
	STRUCTURE/ RET. WALL		BASIN

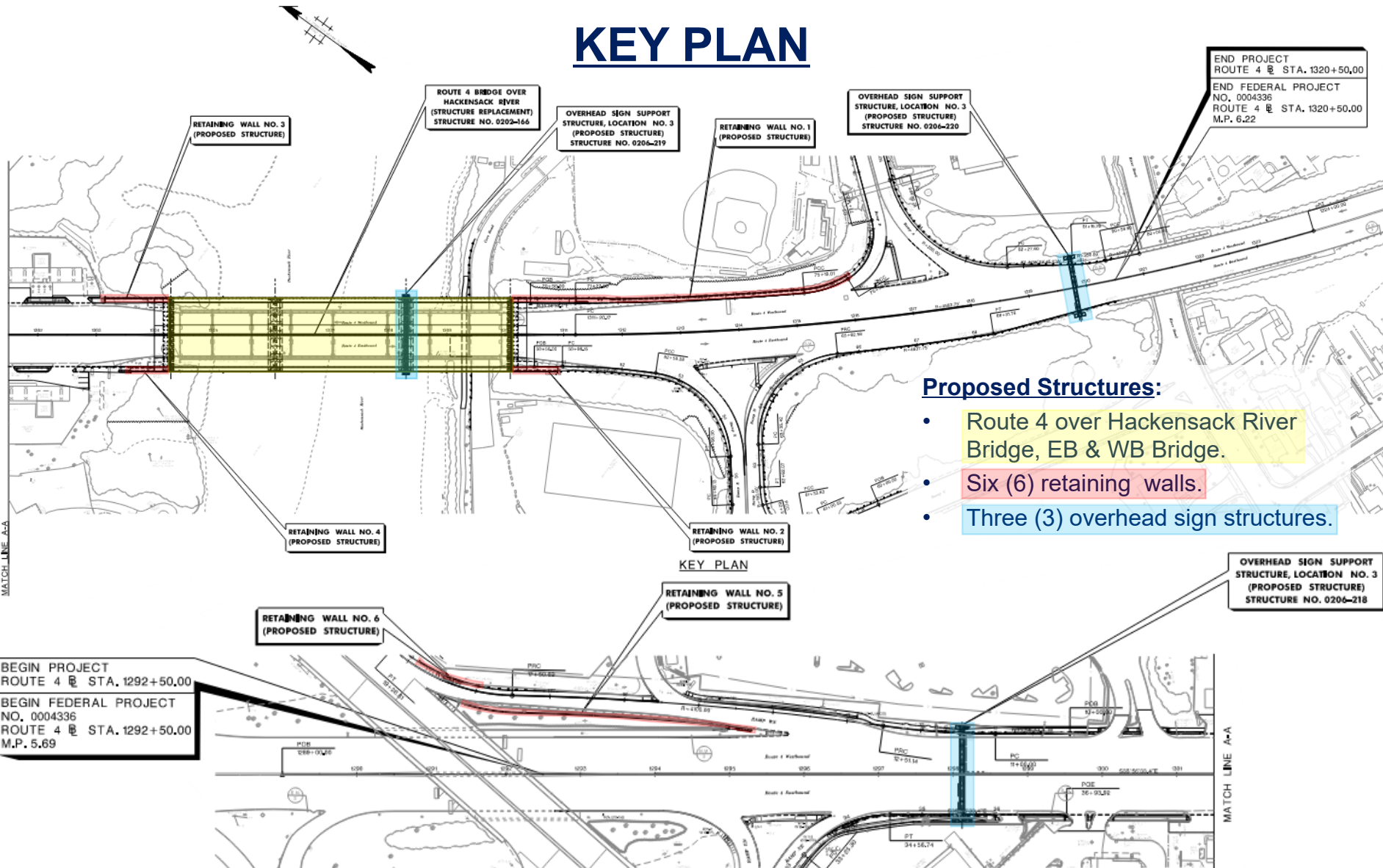


# STRUCTURES

# Route 4 Hackensack River Bridge Project FD Phase – Pre-Bid Meeting



## KEY PLAN



### Proposed Structures:

- Route 4 over Hackensack River Bridge, EB & WB Bridge.
- Six (6) retaining walls.
- Three (3) overhead sign structures.

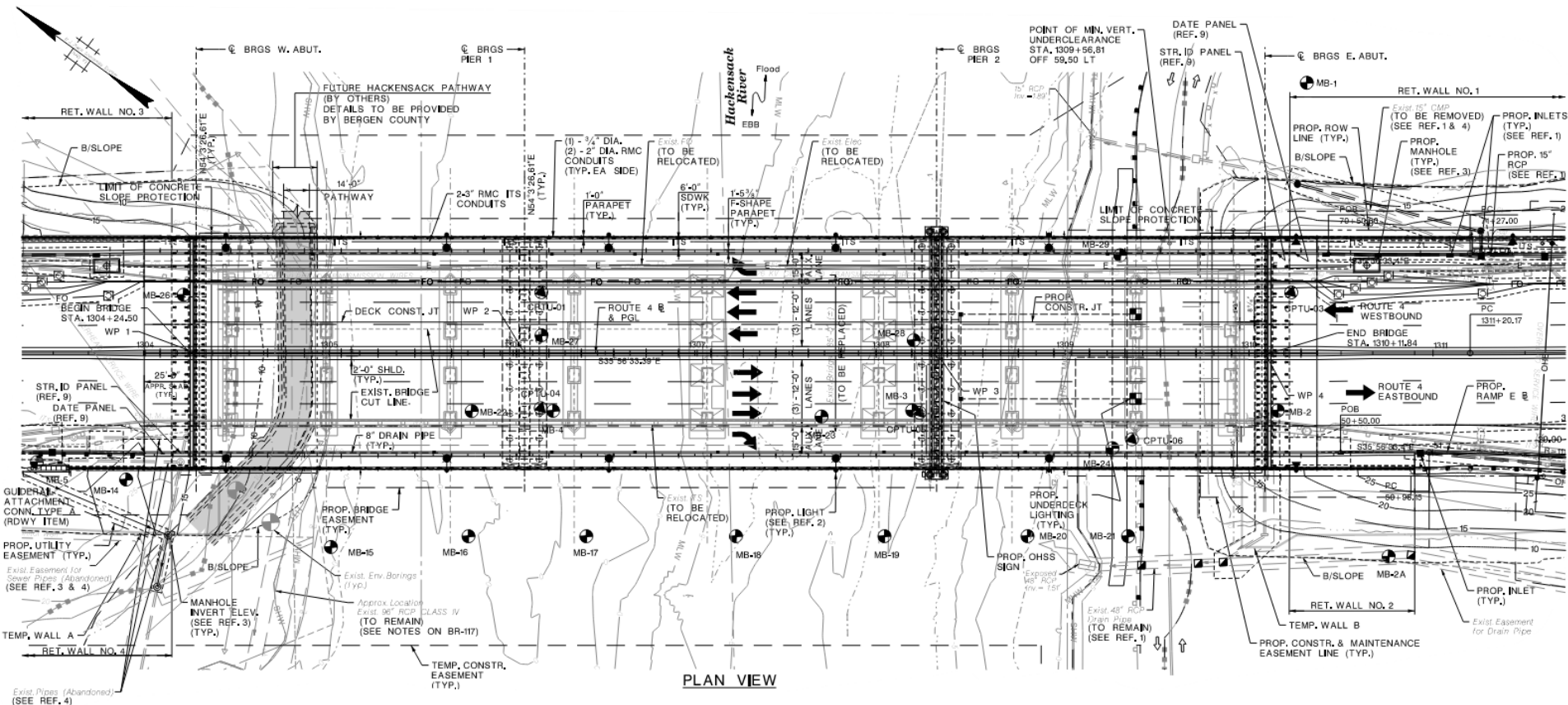
KEY PLAN (cont'd)

# Route 4 Hackensack River Bridge Project FD Phase – Pre-Bid Meeting



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## Proposed Bridge Plan



### Proposed Bridge:

- 581' long 3-Span continuous 72.0" (max) deep steel plate girder bridge with 224' max. span length.
- Pile supported full height abutments.
- Multi column pile supported pier bents.



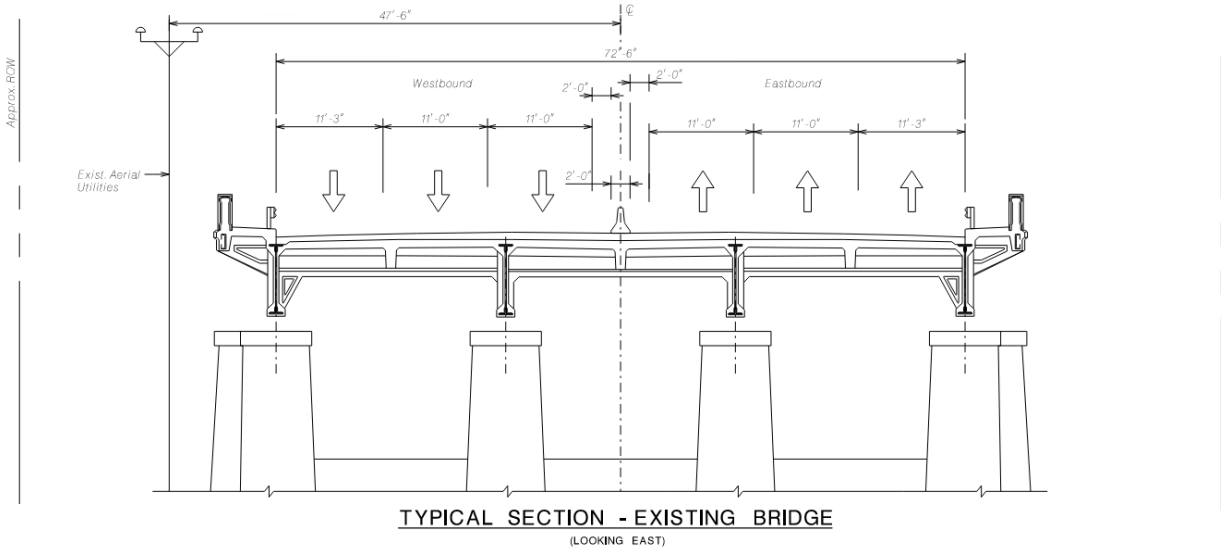


**CONSTRUCTION**  
**STAGING – BRIDGE**

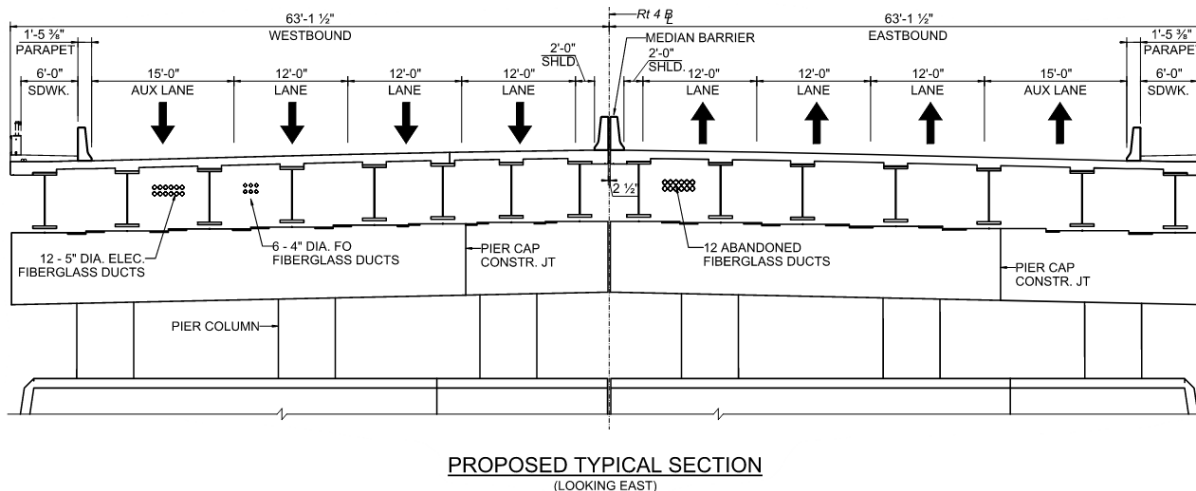
# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting



## Existing and Proposed Bridge Typical Sections (1 of 5)



- Existing and proposed superstructures are centered within the ROW.
- Proposed section maximizes the use of ROW with standard features.

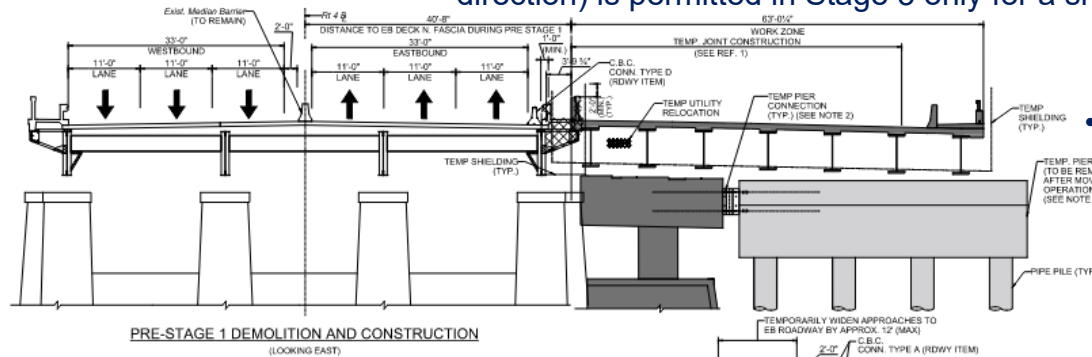


# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting

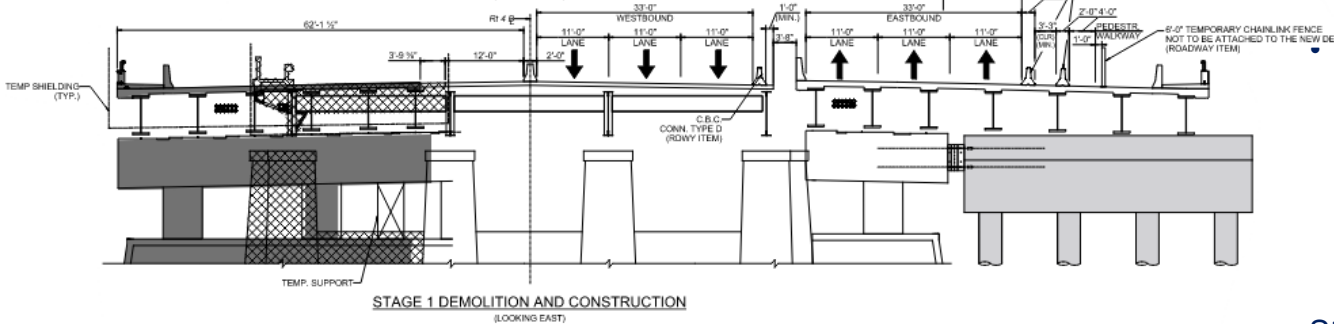


## Staging Sections (1 of 2)

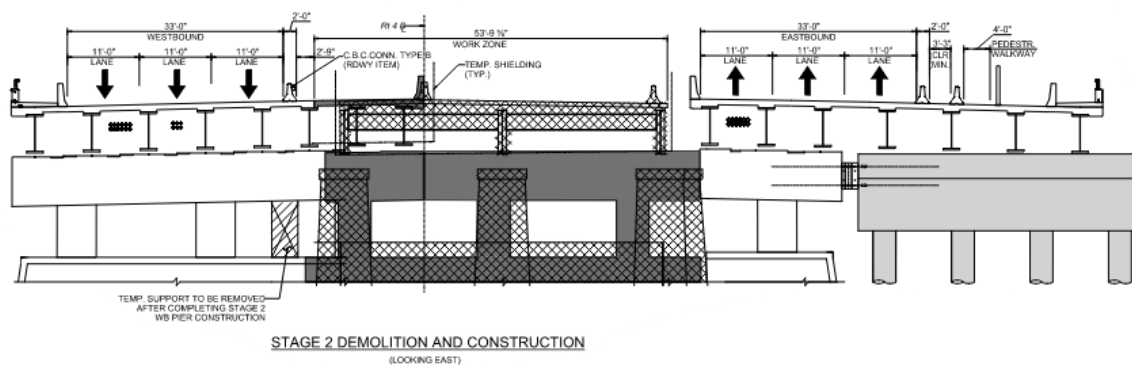
- Conventional cast-in-place (WB) and slide-in (EB) construction staging scheme.
- Innovative construction staging scheme focused on maintaining 3 Lanes in each direction during staged construction. Reduction in traffic lanes (to 2 lanes in each direction) is permitted in Stage 3 only for a short duration (2-3 weeks).



- **Pre-Stage 1:** Off-line construction of EB bridge superstructure and EB substructure (partial).



- **Stage 1:** Shift traffic on to existing bridge to remain and new EB bridge, demo exist. bridge (partial), construct WB bridge (partial).



- **Stage 2:** Shift traffic on to new WB bridge, demo exist. bridge, construct WB bridge and EB substructure.

**LEGEND:**

	LIMITS OF EXISTING STRUCTURE TO BE DEMOLISHED
	LIMITS OF TEMPORARY STRUCTURE
	LIMITS OF TEMPORARY STRUCTURE TO BE DEMOLISHED
	LIMITS OF PROPOSED STRUCTURE TO BE CONSTRUCTED



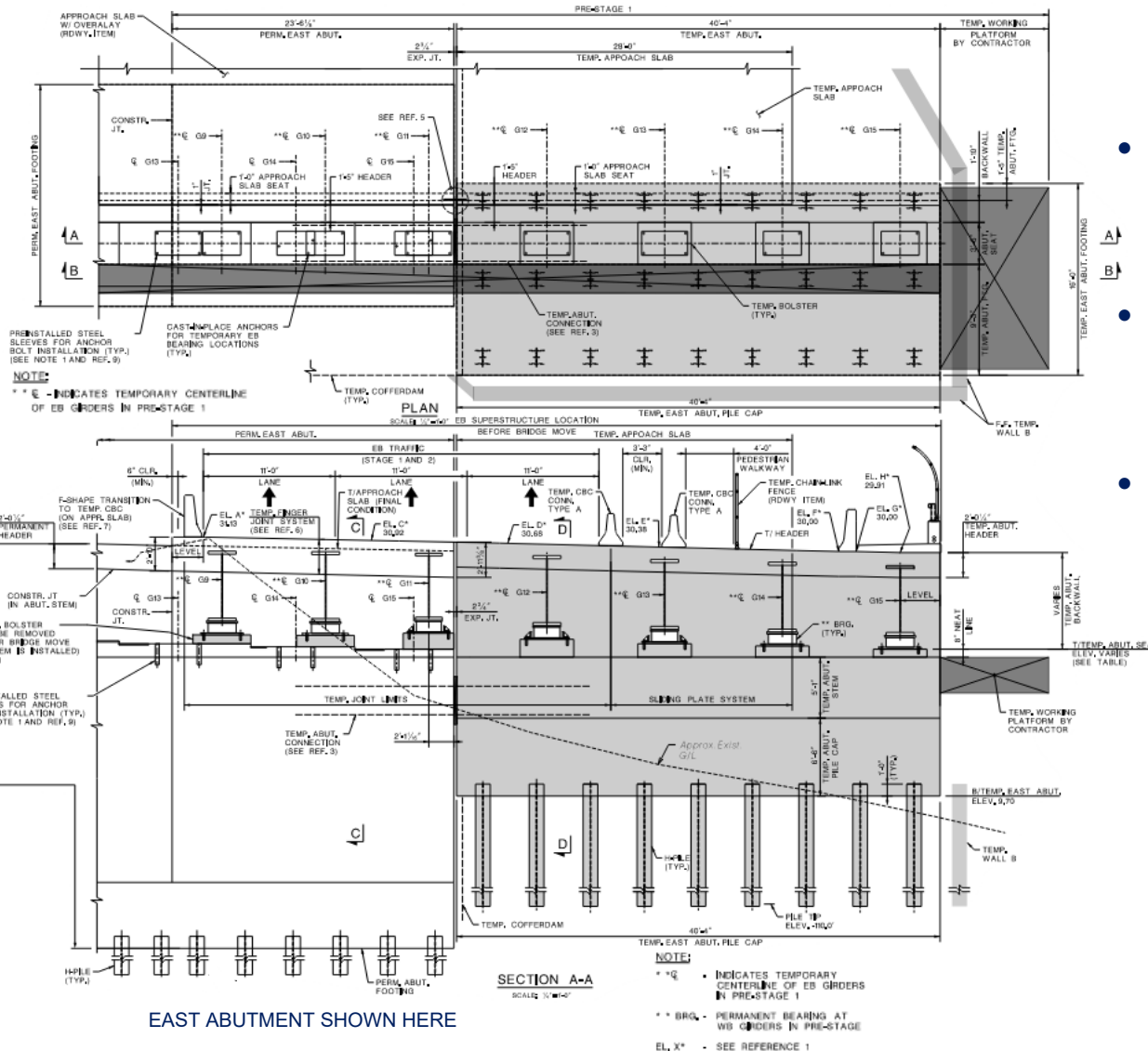


# **SLIDE-IN DESIGN**

# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting



## RT4 Bridge Slide Approach at the Abutments (1 of 3):



EAST ABUTMENT SHOWN HERE

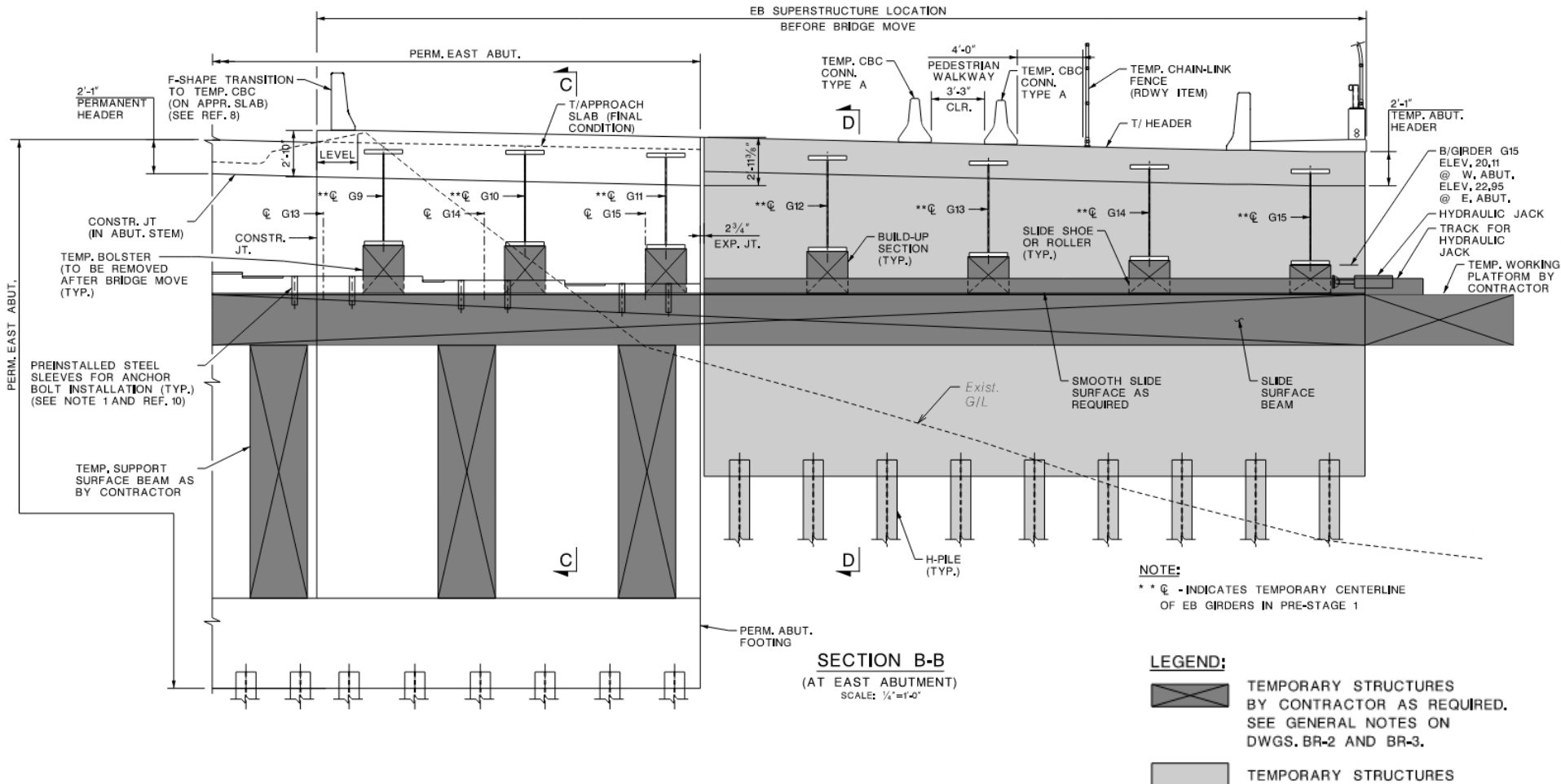
- Temporary retaining walls on approaches to retain temporary fill.
- Temporary concrete Abutments on steel H-piles.
- Temporary concrete abutments ensure rigid sliding surface and smooth vehicular transition on the deck.

# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting



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## RT4 Bridge Slide Approach at the Abutments (2 of 3):



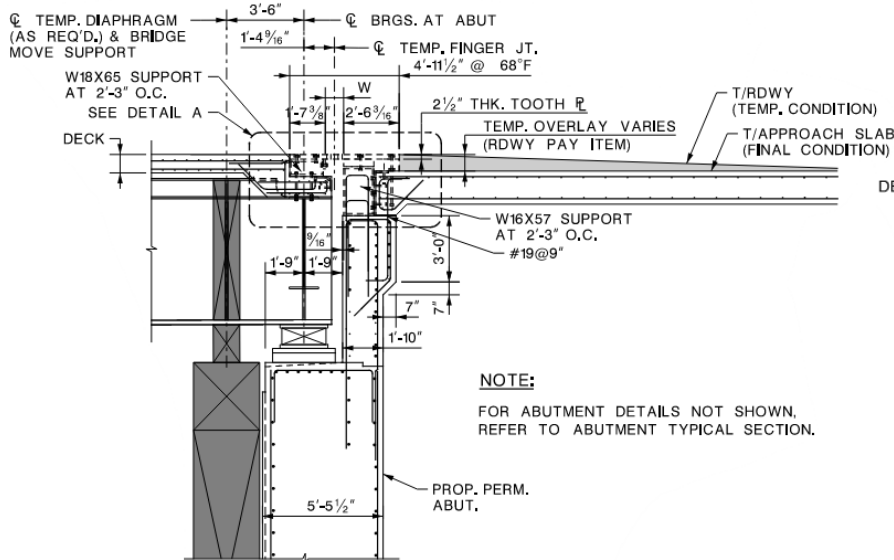
- Temporary slide system to be supported on the permanent and temporary abutment footing.

# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting

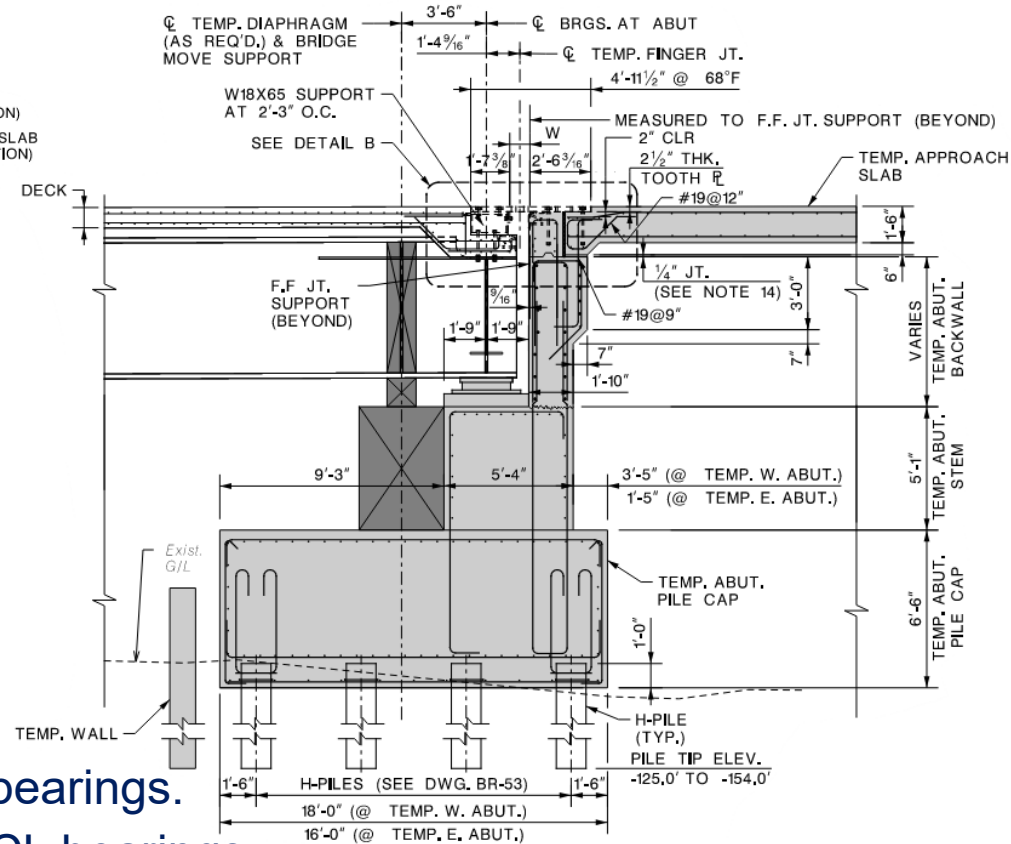


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## RT4 Bridge Slide Approach at the Abutments (3 of 3):



**SECTION C-C**  
SCALE: 1/4"=1'-0"



**SECTION D-D**  
SCALE: 1/4"=1'-0"

**LEGEND:**

- TEMPORARY STRUCTURES BY CONTRACTOR AS REQUIRED SEE GENERAL NOTES ON DWGS. BR-2 AND BR-3.
- TEMPORARY STRUCTURES

- Girders are erected at permanent CL bearings.
- Vehicular traffic will be on permanent CL bearings.
- Slide occurs at off-center location (temp. CL bearings).
- Contractor to design the temporary slide system (dark shaded).
- Temporary slide system to be supported on the permanent and temporary abutment footing.

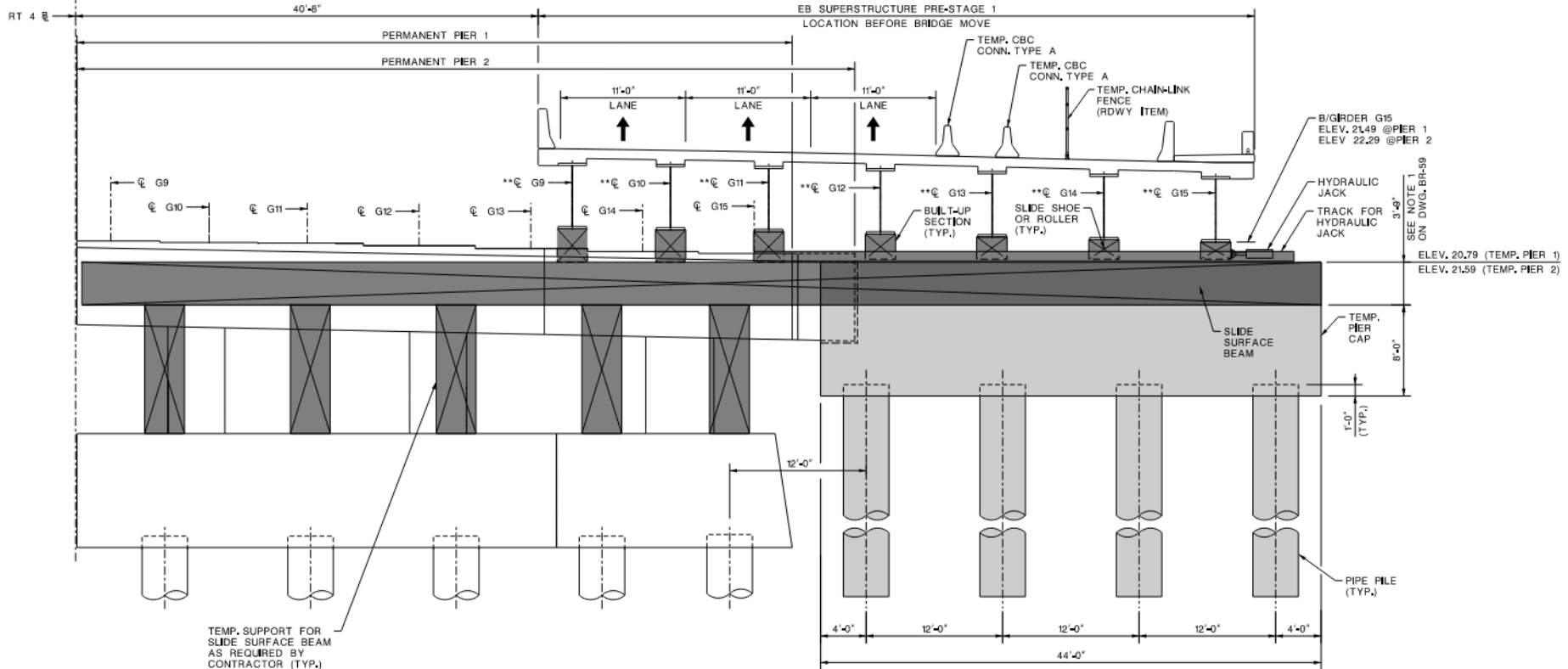


# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting



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## RT4 Bridge Slide Approach at the Piers (2 of 3):



**SECTION B-B AT PIER 2**  
(PIER 1 SIMILAR)  
SCALE: 3/4" = 1'-0"

**NOTE:**  
\*\*C - INDICATES TEMPORARY CENTERLINE OF EB GIRDERS IN PRE-STAGE 1 TEMPORARY DIAPHRAGM AS REQUIRED NOT SHOWN FOR CLARITY.

**LEGEND:**

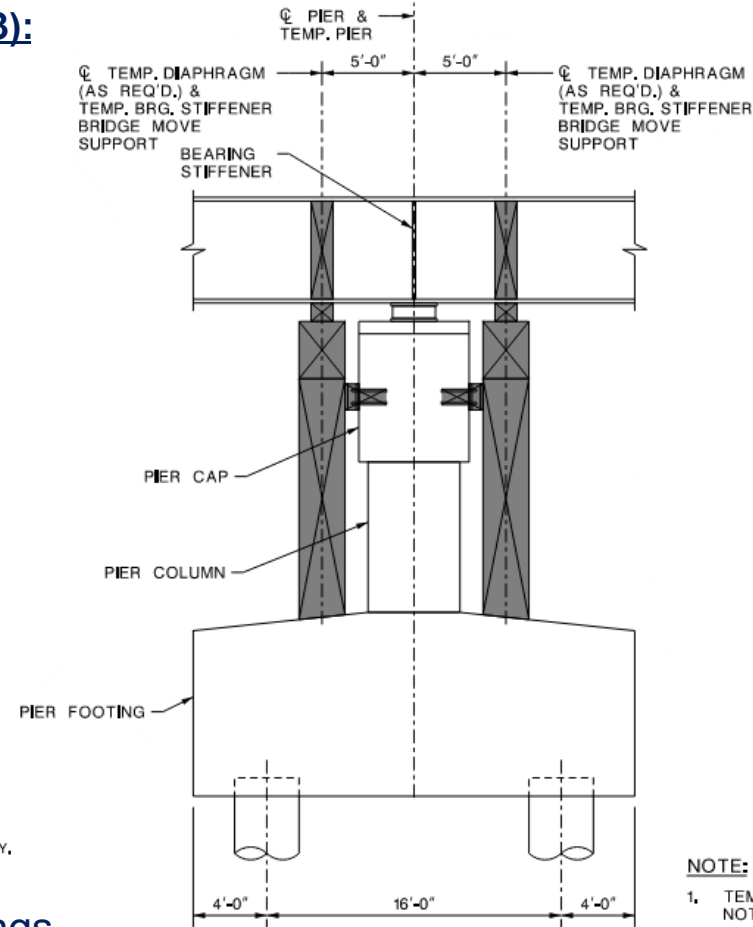
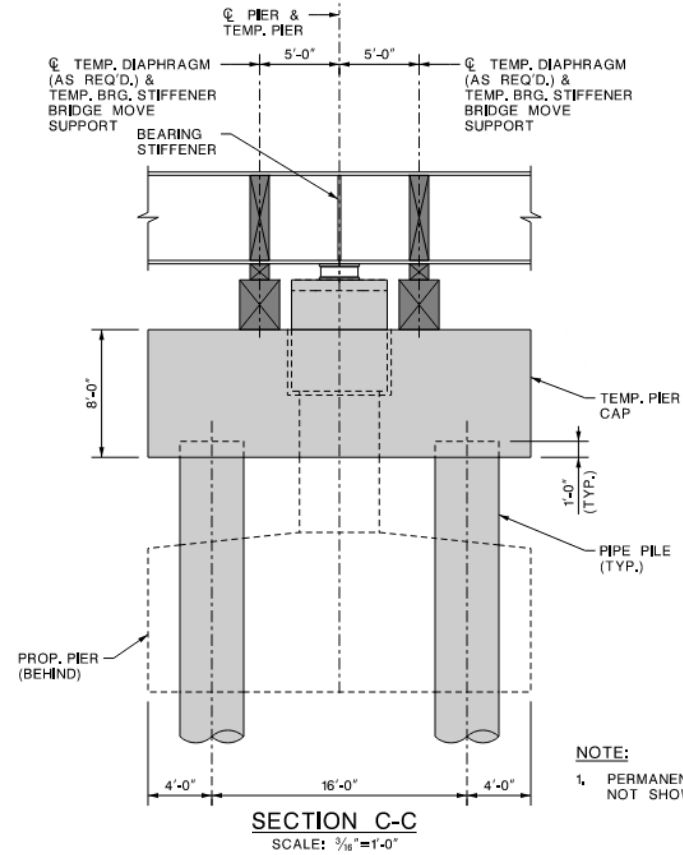
- TEMPORARY STRUCTURE BY CONTRACTOR AS REQUIRED SEE GENERAL NOTES ON DWGS. BR-2 AND BR-3.
- TEMPORARY STRUCTURES

- Contractor to design the temporary slide system (dark shaded).
- Temporary slide system to be supported on the permanent footing and temporary pier cap.

# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting



## RT4 Bridge Slide Approach at the Piers (3 of 3):



**NOTE:**  
1. PERMANENT PIPE PILES,  
NOT SHOWN FOR CLARITY.

**NOTE:**  
1. TEMPORARY PIER,  
NOT SHOWN FOR CLARITY.

**LEGEND:**



TEMPORARY STRUCTURES BY CONTRACTOR AS REQUIRED. SEE GENERAL NOTES ON DWGS, BR-2 AND BR-3.



TEMPORARY STRUCTURES

- Girders are erected at permanent CL bearings.
- Vehicular traffic will be supported at permanent CL bearings.
- Slide occurs at off-center location (temp. CL bearings).
- Contractor to design the temporary slide system (dark shaded).
- Temporary slide system to be supported on the permanent footing and temporary pier cap.

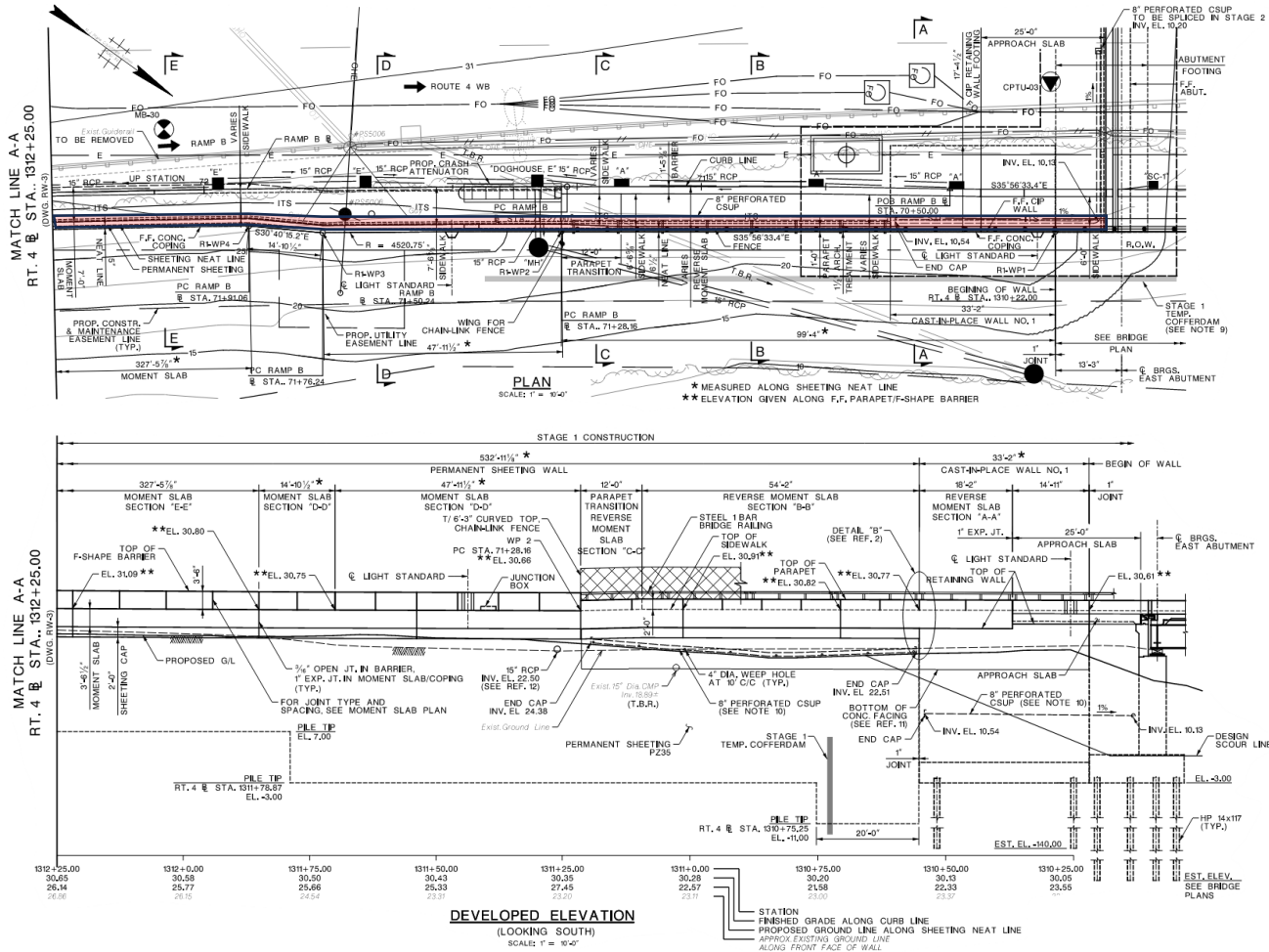


# RETAINING WALLS

# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting



## Typical Retaining Wall Plan and Elevation:



- Retaining walls 1 through 4 on the approaches – combination of cast-in-place retaining walls on steel H-piles adjacent to the abutments and steel sheet pile retaining walls there after.
- Retaining walls 5 and 6 along Ramp WN – steel sheet pile retaining walls.





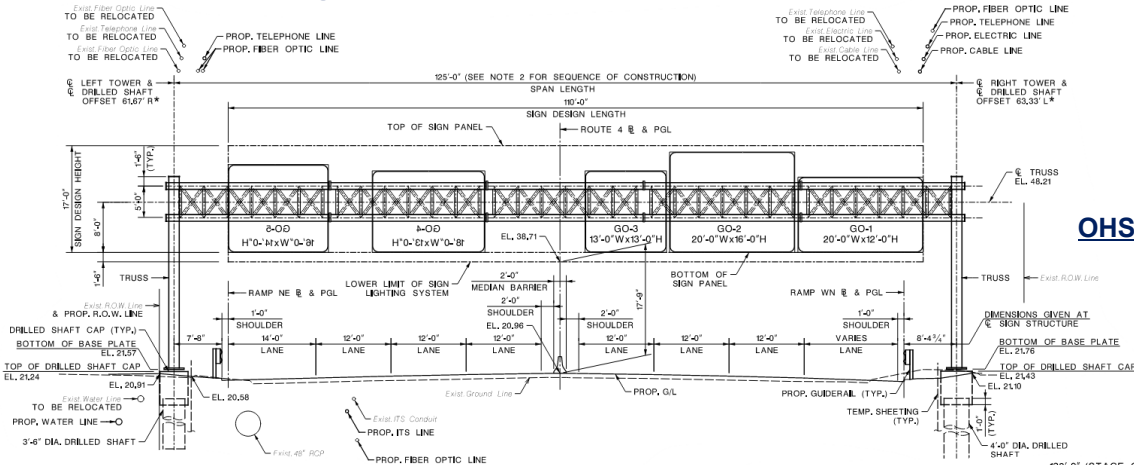
# **SIGN STRUCTURES**

# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting



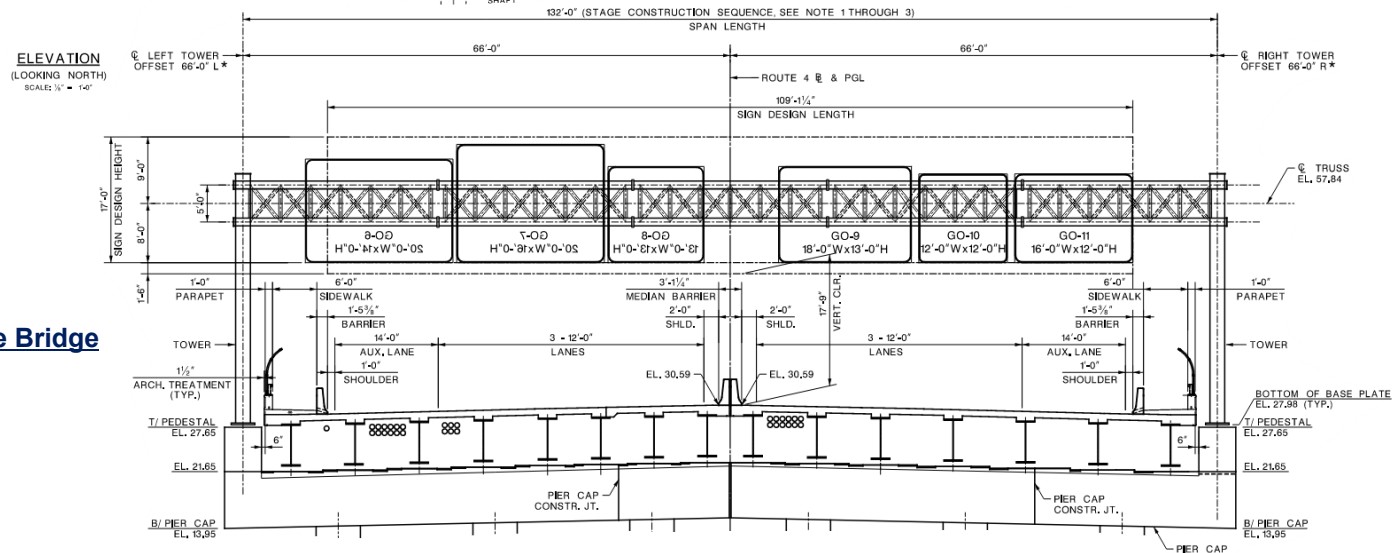
**Michael Baker  
INTERNATIONAL**

## Overhead Sign Structures:



**OHSS on the Approaches**

**OHSS on the Bridge**



- Three (3) proposed overhead sign structures (OHSS) within the project limit.
- Two (2) OHSS on the approaches with 125' span (max.).
- One (1) Pier mounted OHSS on the bridge with 132' span, spanning both EB and WB Bridges.

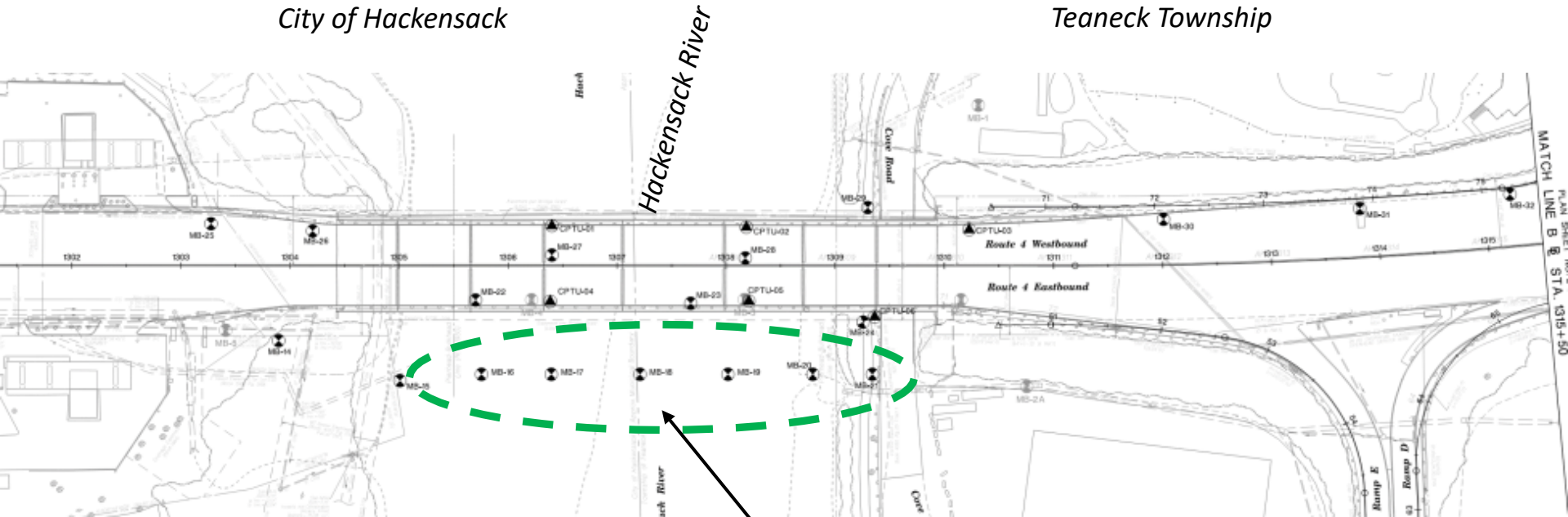


# **GEOTECHNICAL**

## Boring Location Plan

City of Hackensack

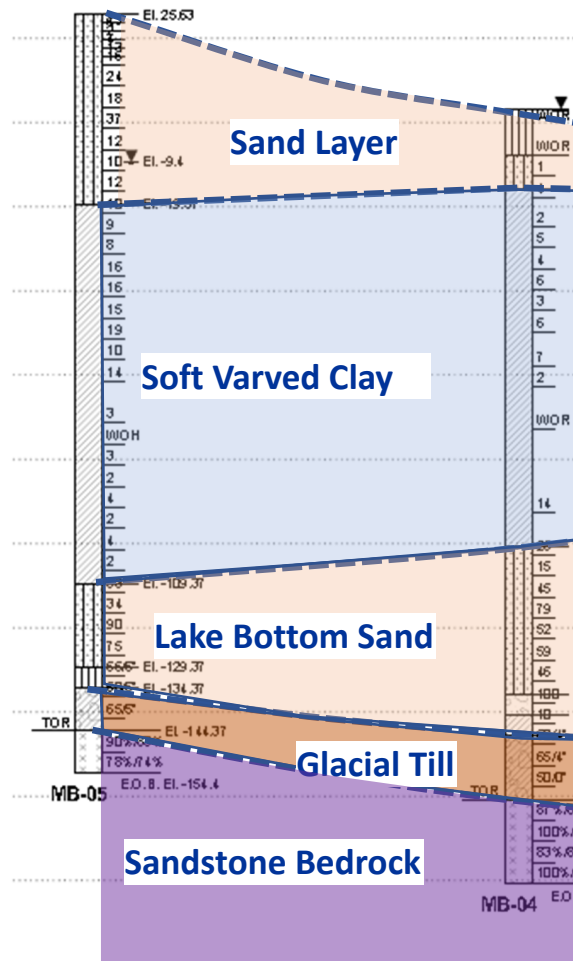
Teaneck Township



*Additional water borings*

*\*final as-drilled boring location plan will be provided*

## Summary of Subsurface Conditions

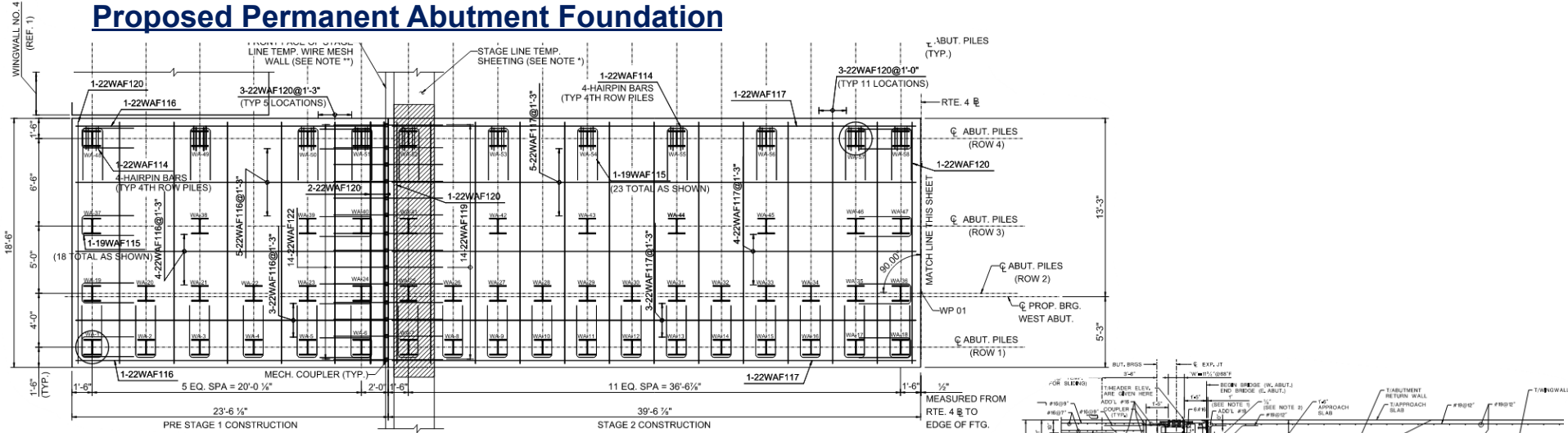


- Site has a Site Class “E”
- The site is in Seismic Zone 1 (no liquefaction potential)
- Very Thick Soft Hackensack Varved Clay Layer (to ~ EL. -100 ft and varies).
- Thick Lake Bottom Sand (to ~ EL. -145 and varies)
- Sandstone Bedrock Elevation at Pier Location is at ~ (EL -160 to -170 ft)

# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting

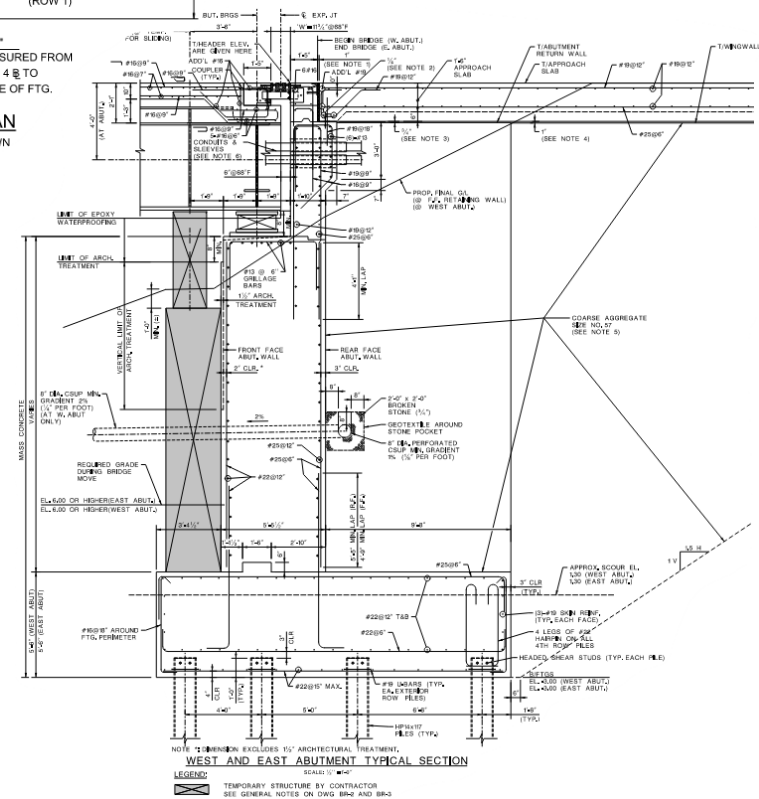


## Proposed Permanent Abutment Foundation



**WEST ABUTMENT FOUNDATION PLAN**  
ONLY BOTTOM MOST MAT REINFORCING BARS ARE SHOWN  
SCALE: 1/4" = 1'-0"

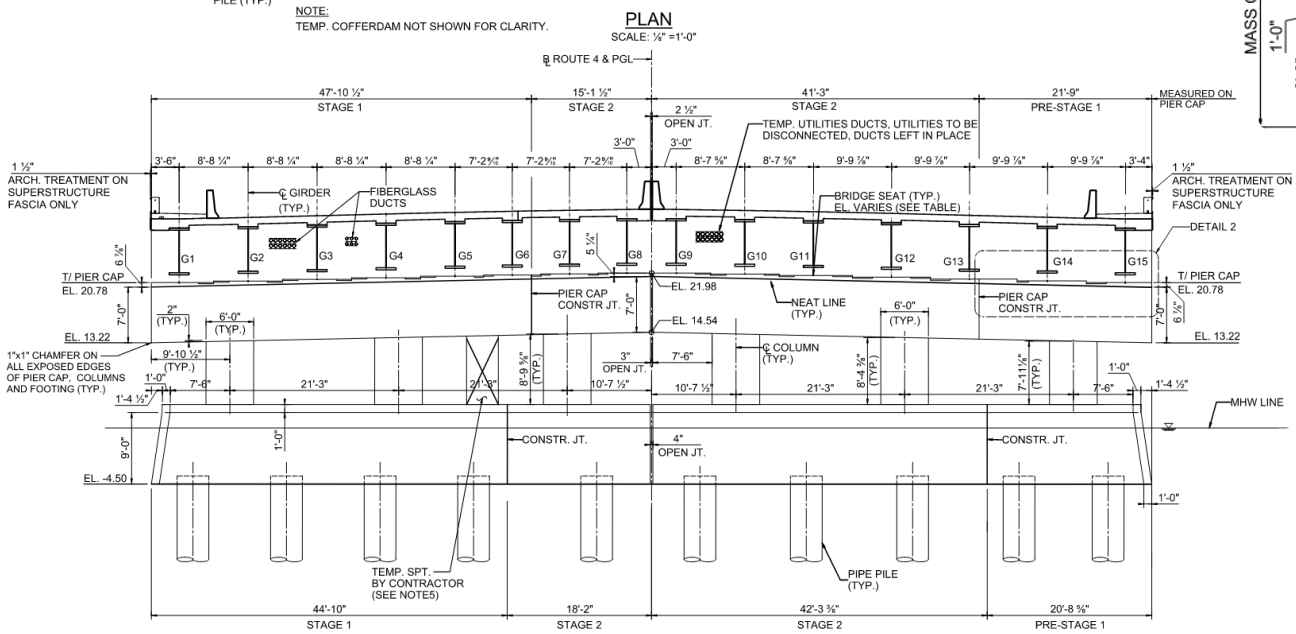
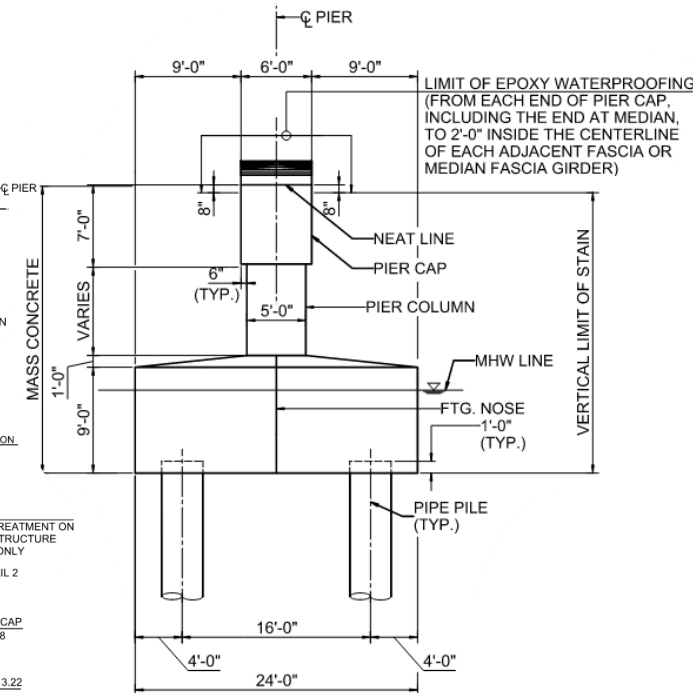
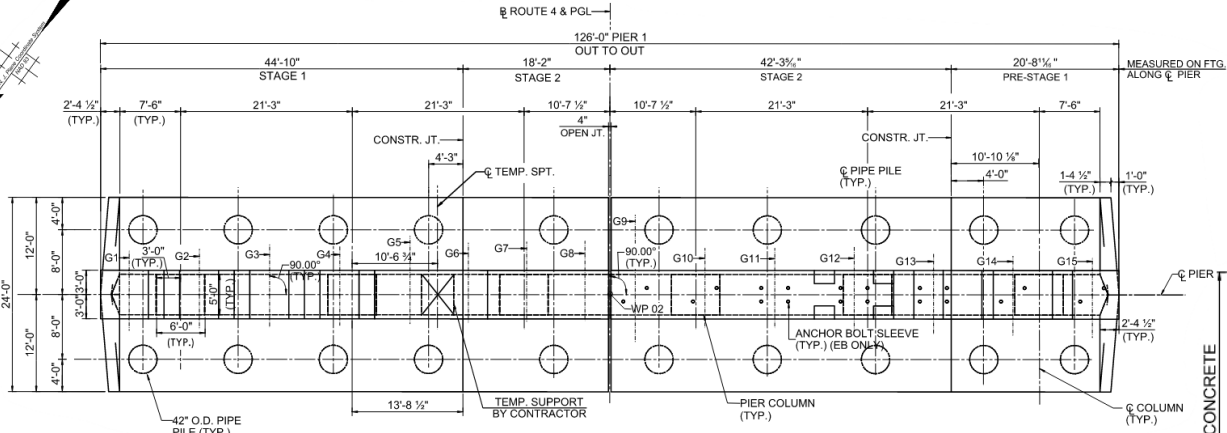
- Conventional CIP Abutments on 14x117 H-piles.
- Each bound footing is 63'-1" x 18'-6" and 5'-6" thick.



# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting



## Proposed Permanent Pier Foundation



- Each bound footing is 62'-10" x 24' and 9' thick.
- On 2 x 5 - 42" diameter concrete filled open ended pipe piles.



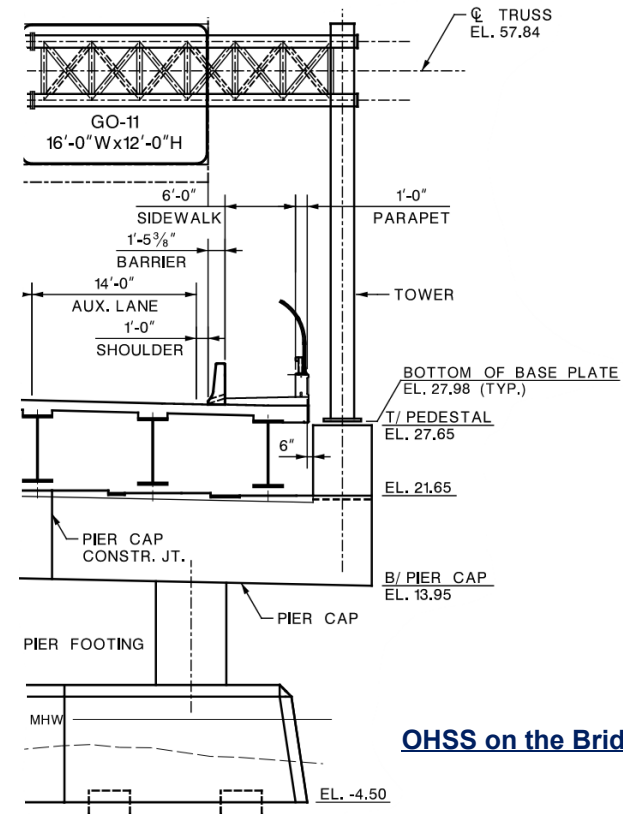
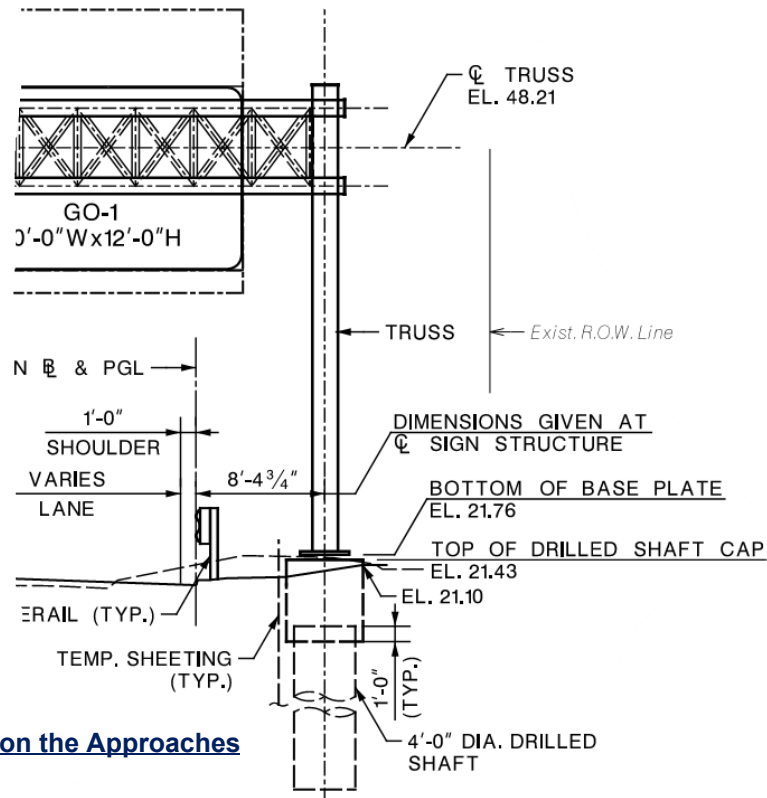




# Route 4 Hackensack River Bridge FD Phase – Pre-Bid Meeting



## Proposed Sign Structure Foundation

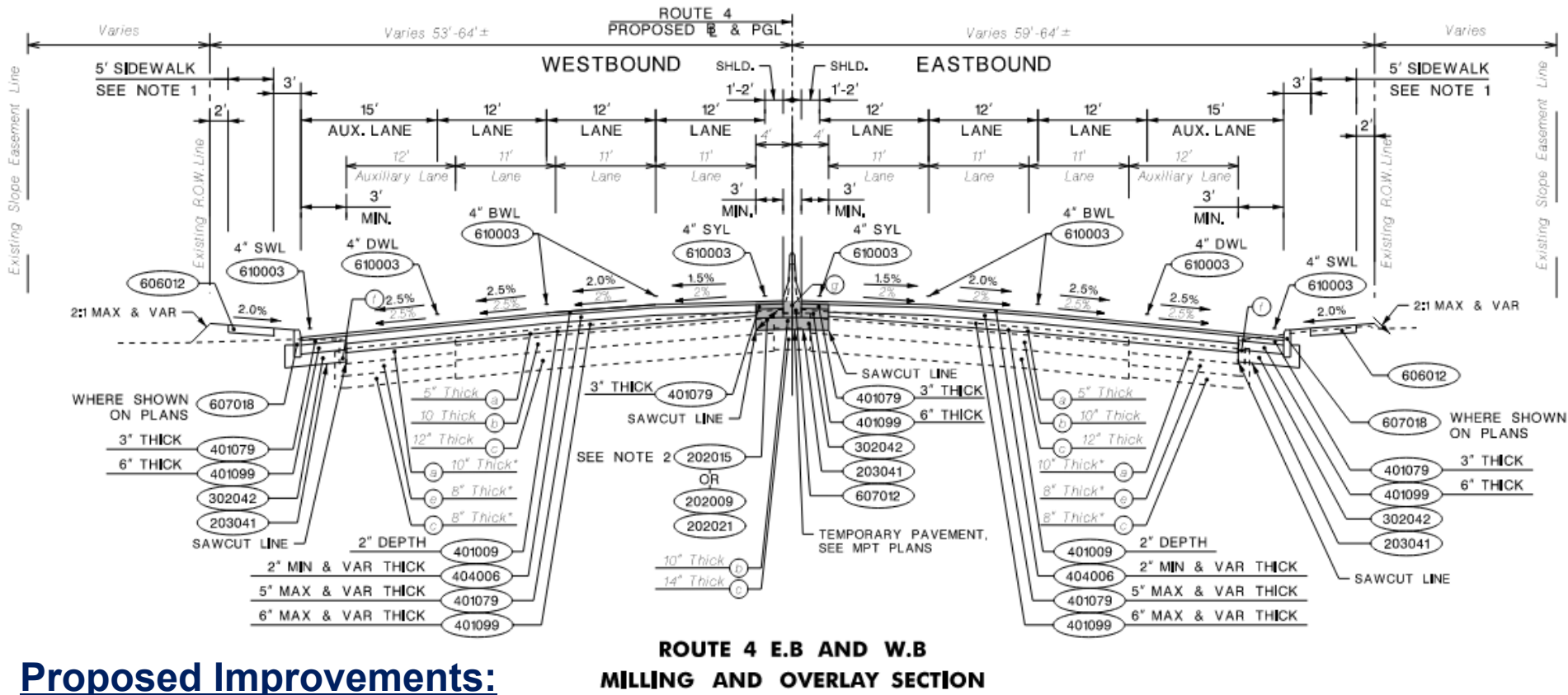


### OHSS on the Approaches

### OHSS on the Bridge

- OHSS on the approaches are on standard 4' dia. (max.) drilled shafts and pedestals.
- One non-standard drilled shaft foundation to eliminate ROW impact.
- Pier cap mounted OHSS on the bridge.

## Bridge Replacement – Roadway Cross Section (Milling and Overlay Section)



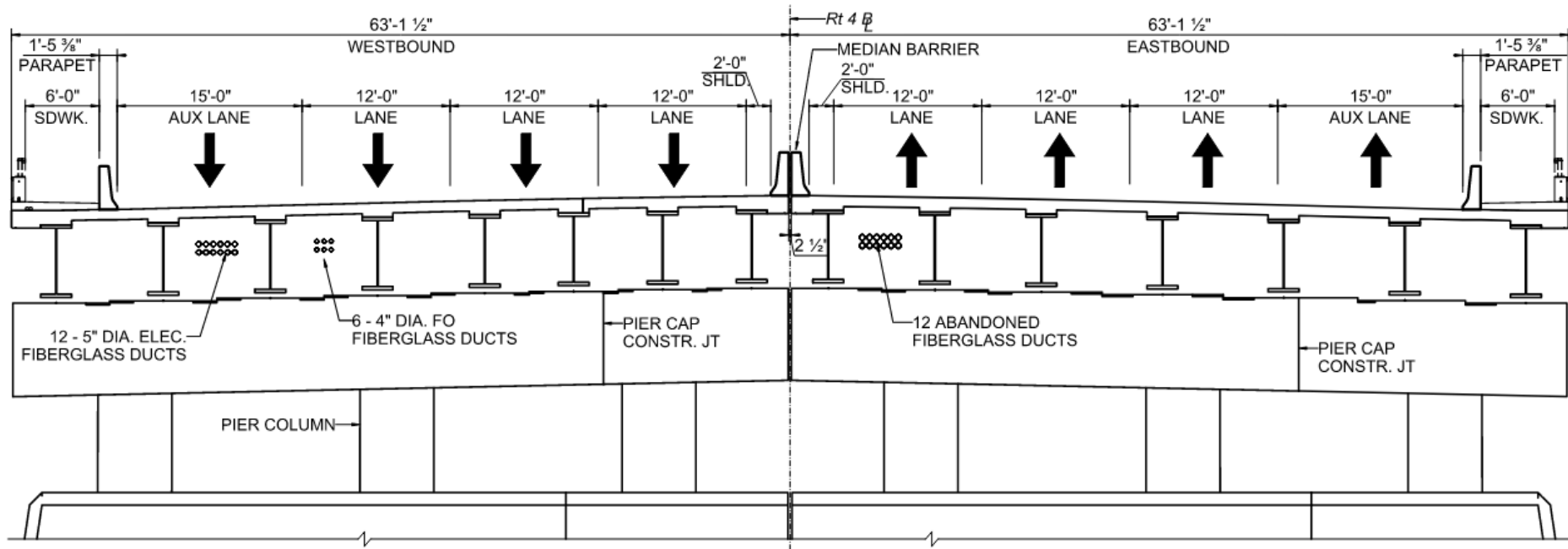
**ROUTE 4 E.B AND W.B  
MILLING AND OVERLAY SECTION**

### Proposed Improvements:

- New widened approach roadways
- Added 15' wide auxiliary lanes
- Adds sidewalk within project limits



## Bridge Replacement – Roadway Cross Section



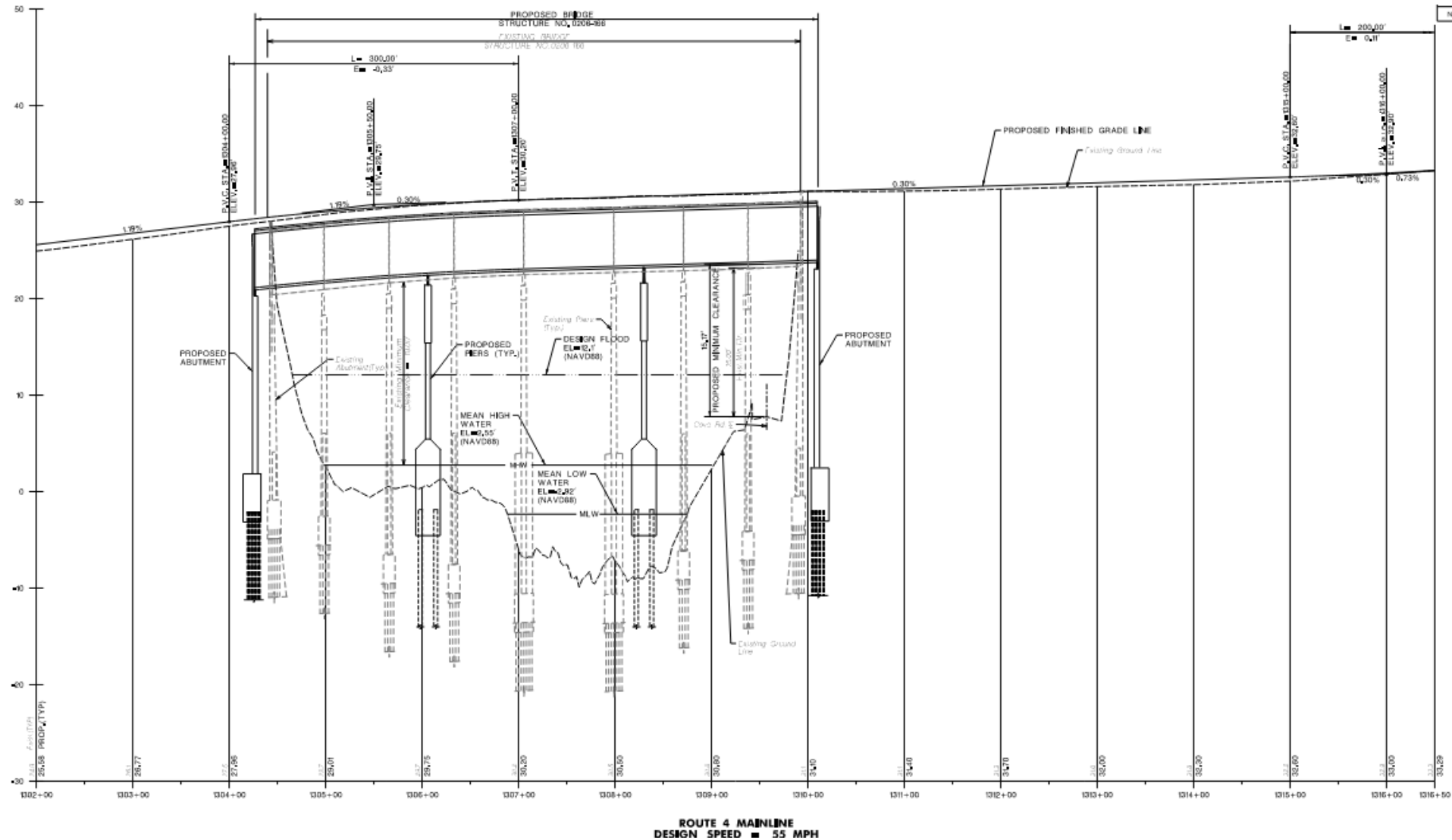
### Proposed Improvements:

- New widened bridge
- Increased lane width from 11' to 12' on the 3 travel lanes in each direction
- Added 15' wide auxiliary lanes
- Added 6' sidewalk with barrier separation on bridge

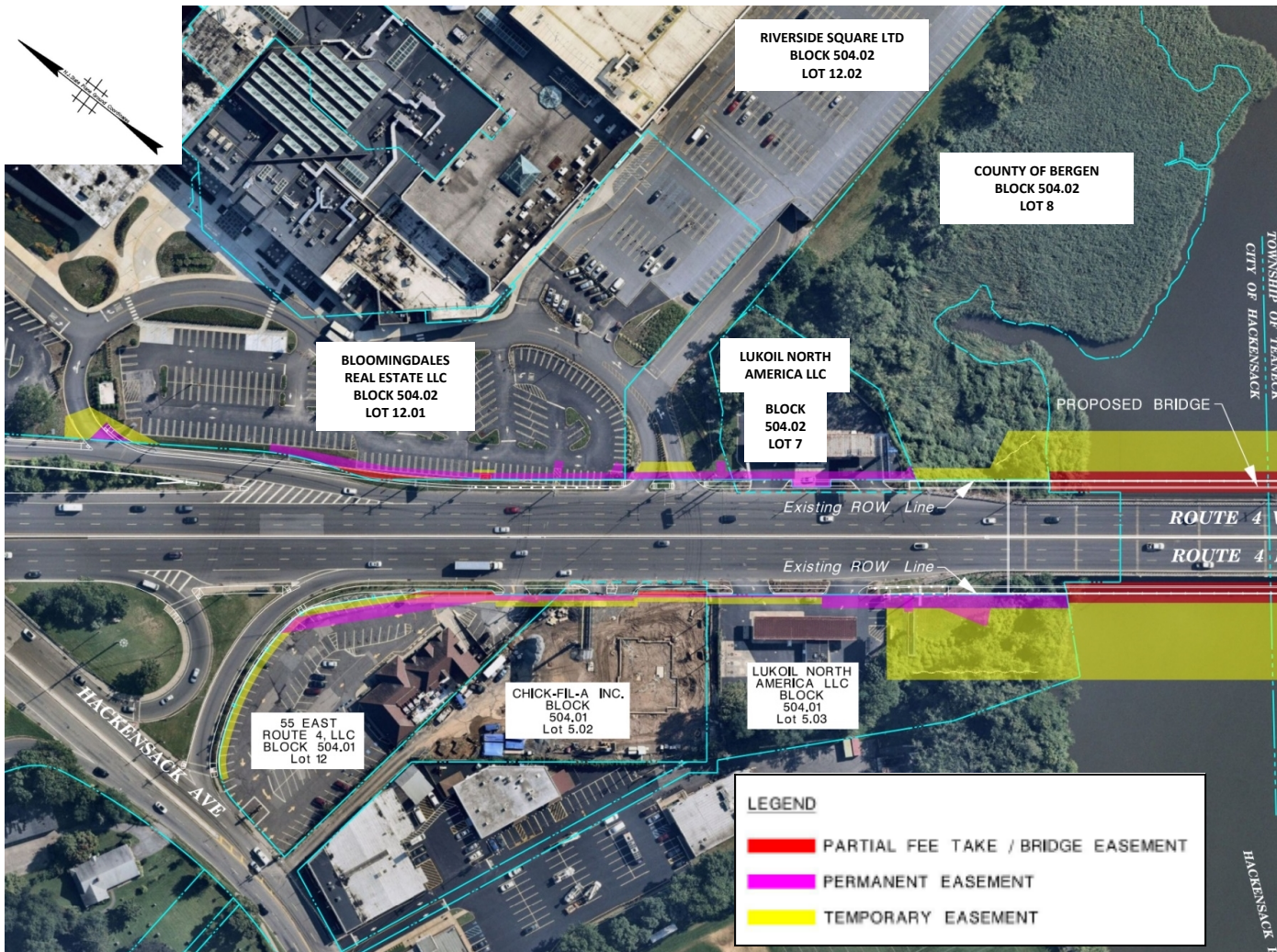
# Route 4 Hackensack River Bridge Project Final Design



## Profile



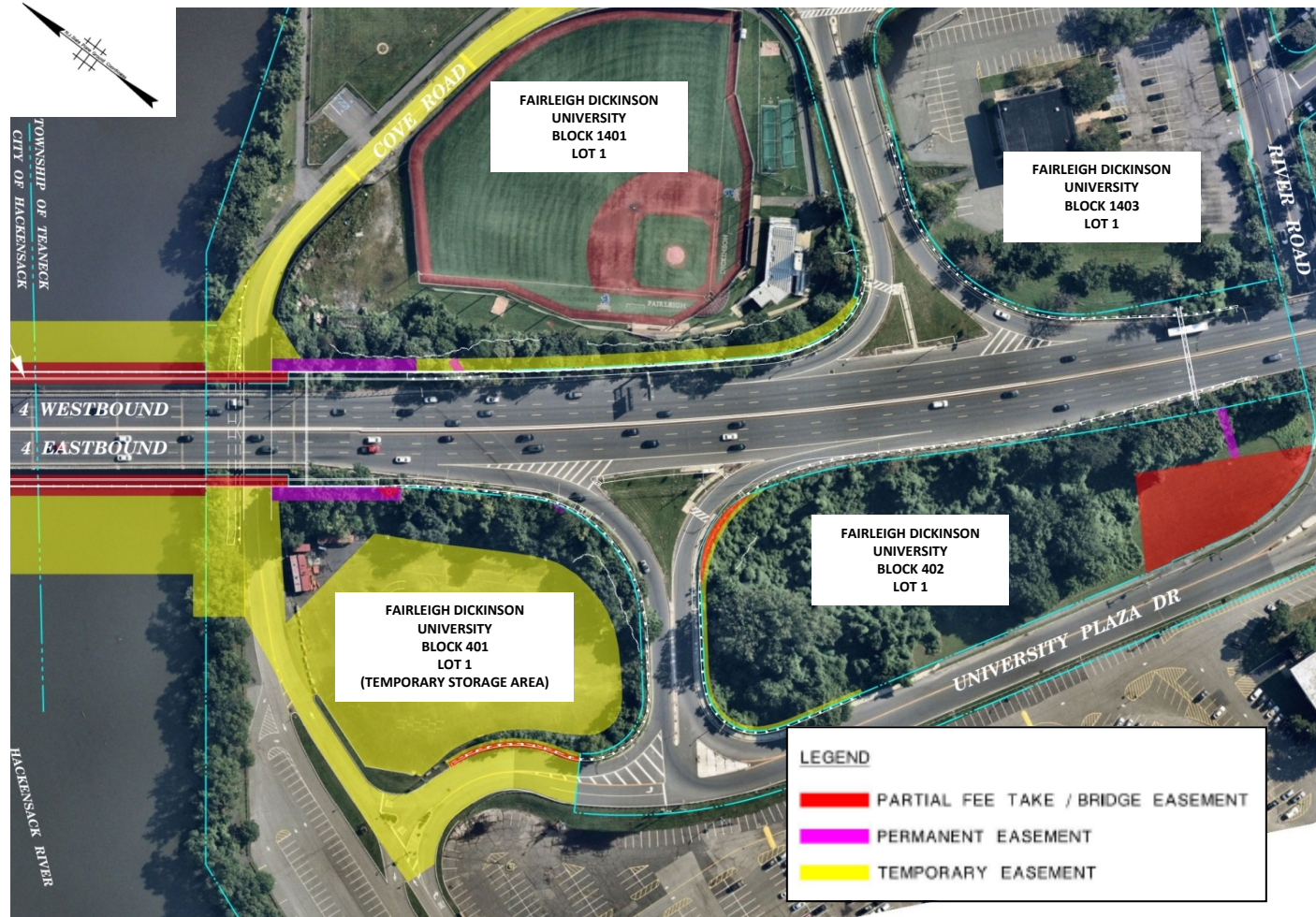
## Access Management and Right-of-Way Impacts



- Maintain access to local businesses
- Maintain access to Hackensack Avenue and FDU ramps

## Access Management and Right-of-Way Impacts

- Right-of-Way (ROW) impacts:
  - Property owners with ROW impacts have been notified via letter from NJDOT



## Access Management

- Potential impacts to existing access points or driveways within the project limits were identified in accordance with the NJ State Highway Access Management Code (Access Code)
- The most feasible and practical solution for alterations were designed during the FD phase
- Implementing the administering access process and coordination with property owners was concluded during FD



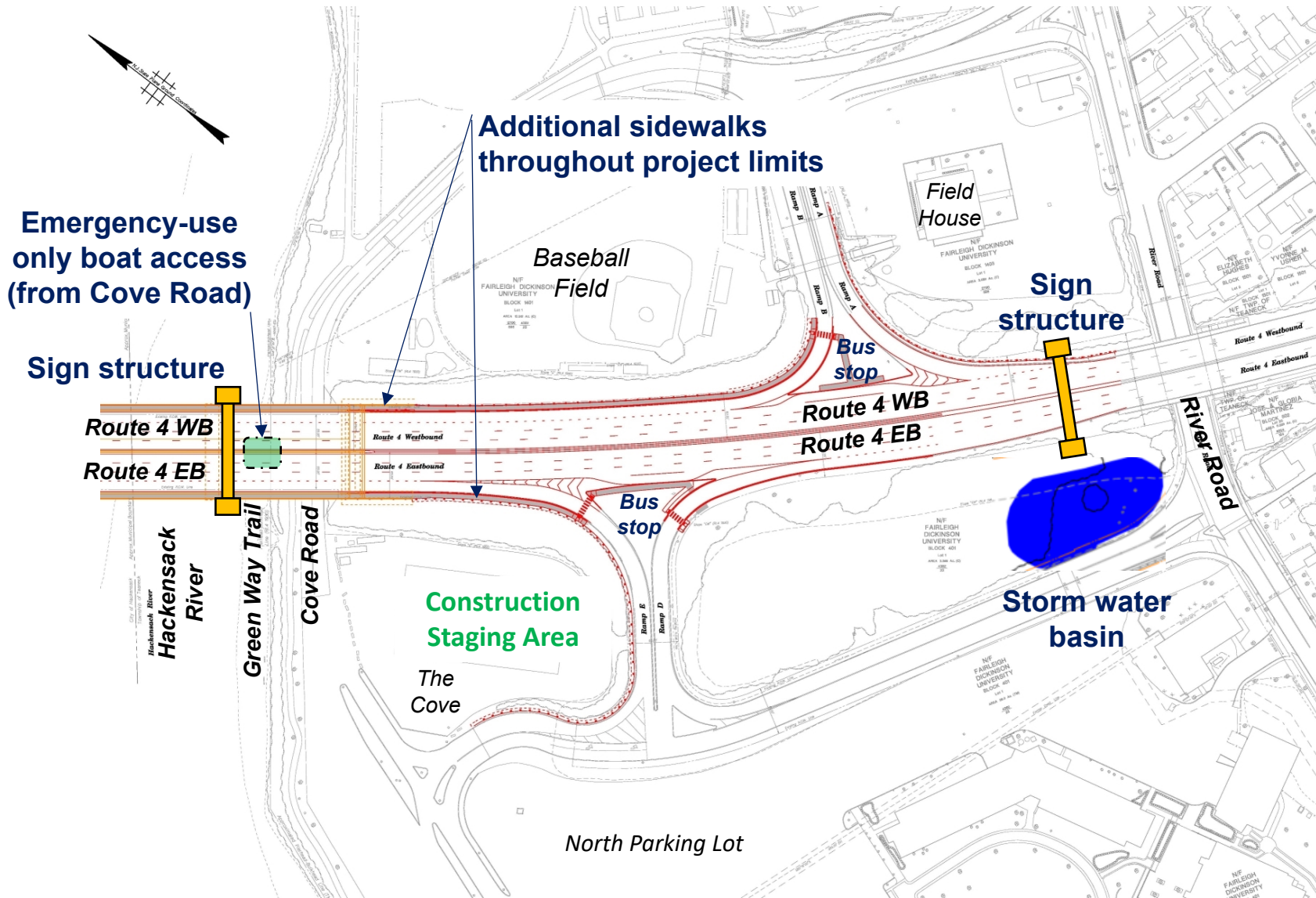
TITLE 16. TRANSPORTATION

CHAPTER 47. STATE HIGHWAY ACCESS MANAGEMENT CODE

AUTHORITY: N.J.S.A. 27:1A-5, 27:1A-6 and 27:7-44.1, and 27:7-89 et seq., specifically

27:7-91.

## Design Features near FDU Property





## Coordination with Fairleigh Dickinson University (FDU)

- Coordinate with FDU's Campus Development Plan
- Maintain the Hackensack River Greenway through Teaneck
- Manage potential impacts to FDU property:

Temporary Impacts	Permanent Impacts
Construction staging and laydown areas	Maintenance easements
Construction easements	Slope easements – existing/available
Cove Road: <ul style="list-style-type: none"><li>• Maintain traffic and allow construction access</li><li>• Short-term closures</li></ul>	Right-of-Way (ROW) <ul style="list-style-type: none"><li>• Stormwater basin</li><li>• Sign structures</li><li>• Emergency access to Hackensack River</li></ul>
Noise impacts during construction	

## Permit Approvals and Coordination

- Permit approvals and authorizations were approved from the following agencies:
  - New Jersey Department of Environmental Protection (NJDEP)
  - United States Coast Guard
  - U.S. Army Corps of Engineers
  - NJDEP Green Acres Program
  - NJDEP Tidelands Bureau (Pending)
  - New Jersey Historic Preservation Office
  - Soil Erosion and Sediment Control Certification
- The contractor must comply with all conditions specified in the permits, including pre-construction notification requirements.





## Permit Approvals and Authorizations

Permit Approval Authorization	File No.	Issue Date	Expiration Date
NJDEP Waterfront Development Individual In-water Permit, Waterfront Development Individual Upland Permit, Freshwater Wetlands General Permit 10 B, and Water Quality Certificate	0000-22-0009.2 LUP240001	1/17/2025	1/16/2030
United States Army Corps of Engineers Nationwide Permit 23	NAN-2024-00985-EBR	2/25/2025	3/14/2026
United States Coast Guard Advance Approval Determination	NV-AA-1167	3/27/2025	3/27/2028
New Jersey Department of Environmental Protection New Jersey Discharge Elimination System	No. NJ00088323	Pending	N/A
NJDEP Tidelands License	Pending	Pending	Pending



**US Army Corps of Engineers®**



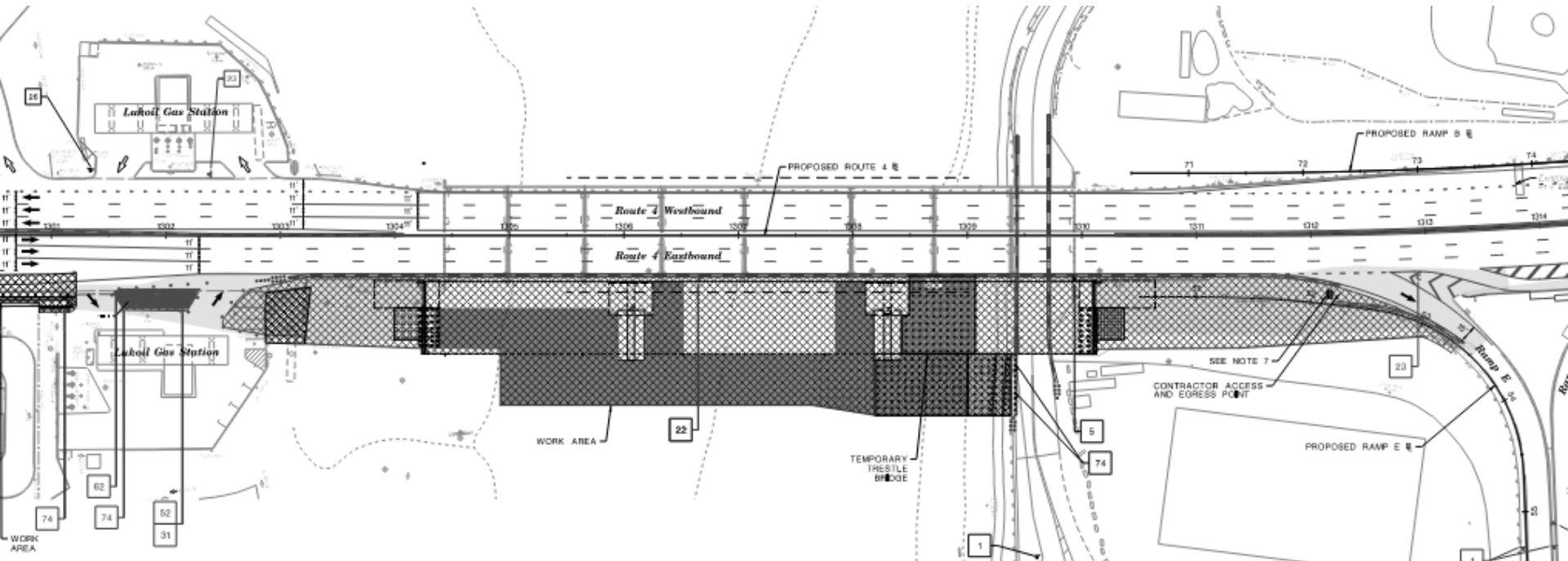
# **CONSTRUCTION STAGING & ACCESS**



## Construction Staging & Access Objectives

- Promote safety to motorists, pedestrians, and construction personnel
- Maintain 3 lanes in each direction through construction
- No detours for Route 4 traffic
- No long-term detours (on ramps)
- Maintain access to local businesses
- Maintain existing bus stops

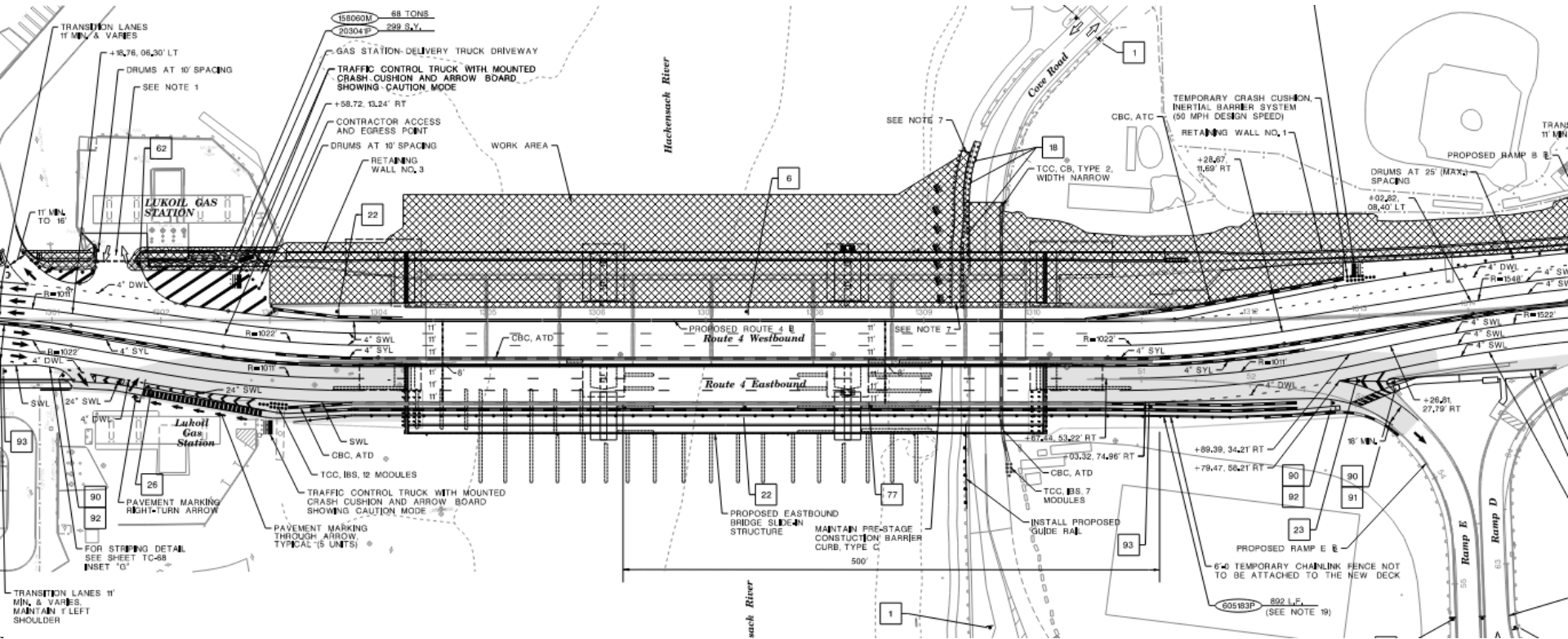
## Pre Stage 1



# Route 4 Hackensack River Bridge Project Construction Staging



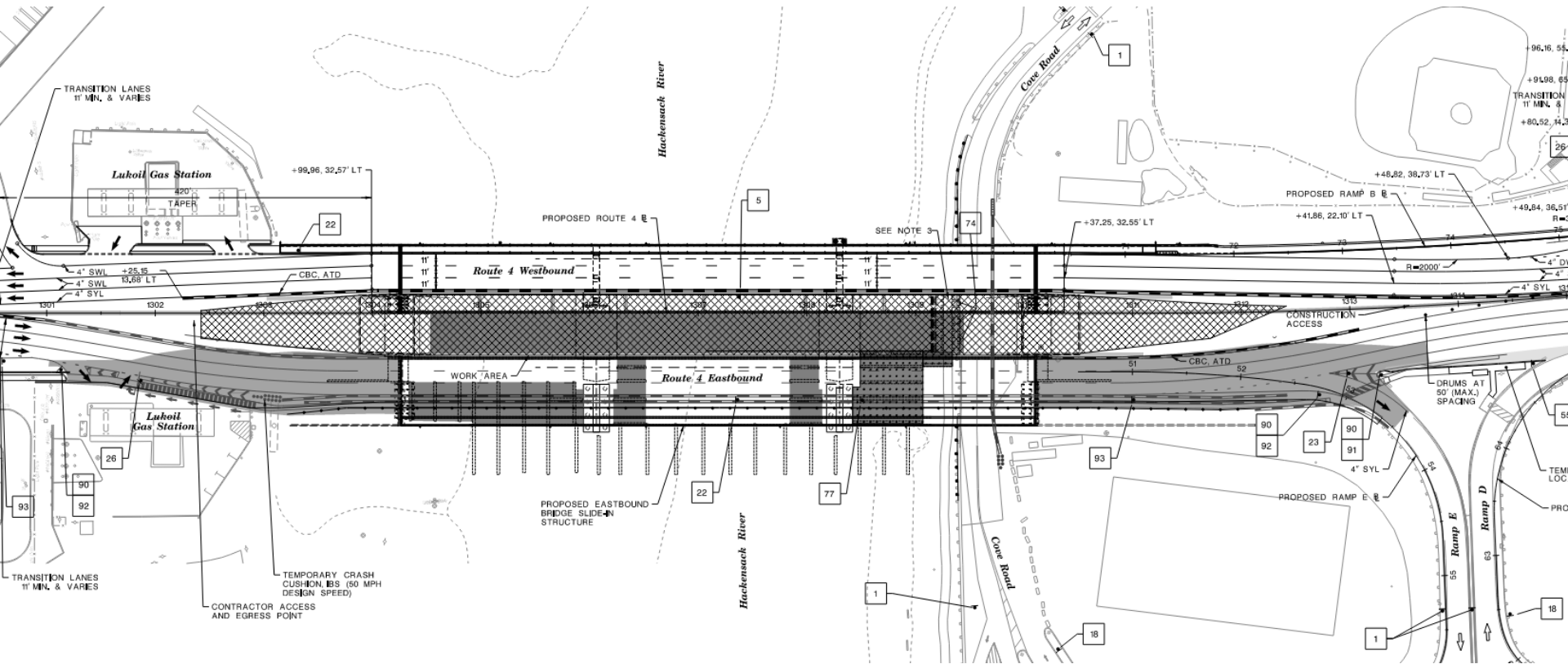
## Stage 1



# Route 4 Hackensack River Bridge Project Construction Staging



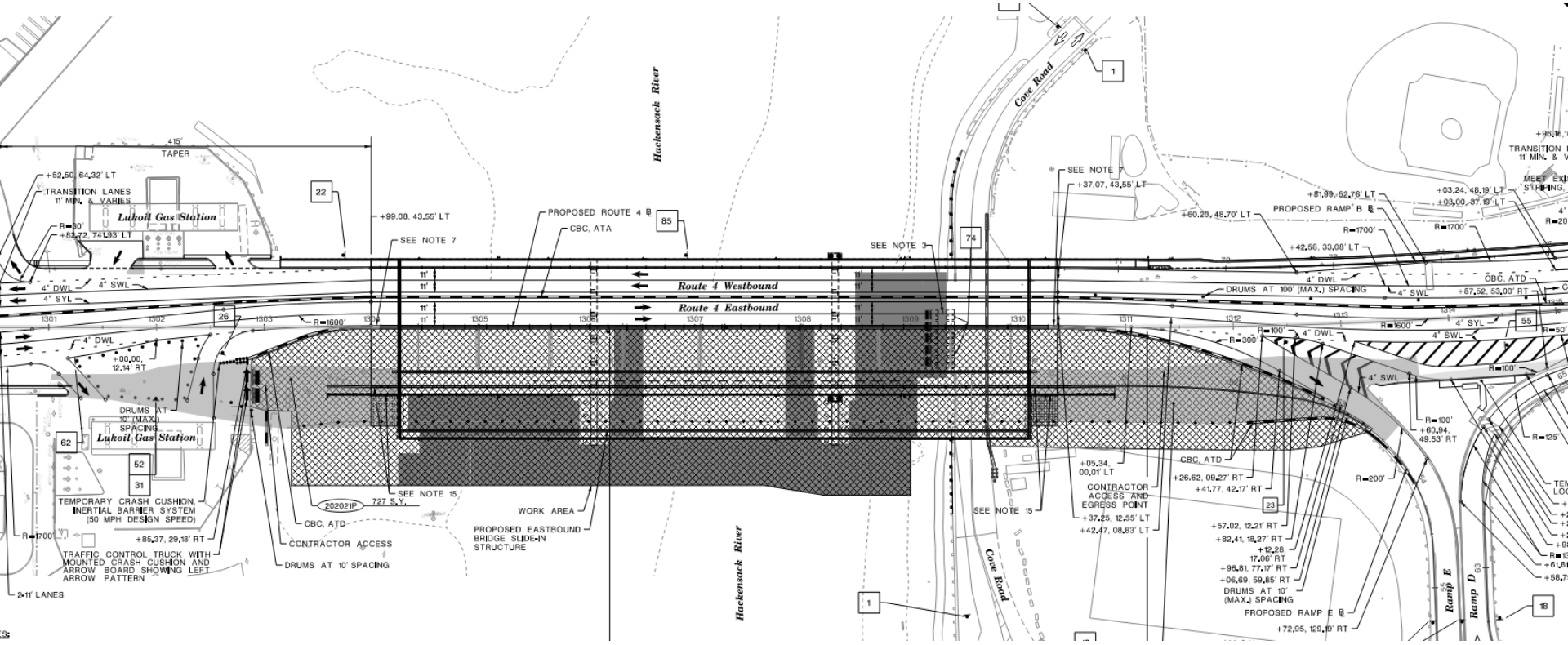
## Stage 2



# Route 4 Hackensack River Bridge Project Construction Staging



## Stage 3



## Work Type Classification #45: Slide-In Bridge Superstructure

### SECTION 102 – BIDDING REQUIREMENTS AND CONDITIONS

#### 102.01 QUALIFICATION TO BID

THE FIRST PARAGRAPH IS CHANGED TO:

The Bidder is an individual, firm, or corporation submitting a bid for the advertised Work. The Department will not accept bids from Bidders who fail to meet all of the following criteria:

1. The Bidder has been prequalified according to regulations covering the Classification of Prospective Bidders as required by N.J.S.A. 27:7-35.1, *et seq.*
2. Before the receipt of the bid or accompanying the bid, the Bidder has disclosed ownership as required by N.J.S.A. 52:25-24.2.
3. At the time the bid is delivered, the Bidder has an effective maximum and project ratings of not less than the amount of its bid.
4. If the Bidder is a corporation not incorporated in the State, the Bidder has been authorized to do business in the State as required by N.J.S.A. 14A:15-2, *et seq.*
5. For wholly State Funded Projects, the Bidder has a valid, current registration with the New Jersey Department of Labor, Division of Wage and Hour Compliance as required by "Public Works Contractor Registration Act," N.J.S.A. 34:11-56.48, *et seq.*

THE FOLLOWING IS ADDED:

6. If the Bidder selected for this project is not prequalified under work type classification code #45 Slide-in Bridge Superstructure, then the work listed under 108.01.4 must be constructed by a subcontractor prequalified under work type classification code #45 Slide-in Bridge Superstructure.

*\*Refer to Special Provisions for additional information.*

## Bridge Super Structure Move:

- Shop Drawings submission requirement;

Working Drawings depicting Contractor's means and methods to move bridge superstructure in the final position prior to performing any Pre-Stage 1 foundation work on the project. **Initiate work only when working drawings and Contractor's bridge superstructure move means and methods are approved.**

*\*Refer to Special Provisions for additional information.*

## Value Engineering (VE):

Prohibited for certain scope of work items as identified in the Special Provisions.

### SECTION 104 – SCOPE OF WORK

#### 104.02 VALUE ENGINEERING

##### 104.02.01 Purpose and Scope

THE FOLLOWING IS ADDED:

The Department will not consider the following as (a) VE Proposal(s):

The project construction staging scheme maintains 3 Lanes in each direction during staged construction. Reduction in traffic lanes (to 2 lanes in each direction) is permitted in Stage 3 only for a short duration (approx. 3 weeks). Reduction in traffic lanes in all other stages is not permitted.

Slide-in Bridge Superstructure construction method as proposed.

All permanent foundations and permanent retaining walls.

All temporary substructures and retaining walls designed by the Engineer.

*\*Refer to Special Provisions for additional information.*



# UTILITY RELOCATIONS

### Pre Stage 1

UTILITY COMPANY	WORK BY UTILITY COMPANY	WORK BY STATE'S CONTRACTOR
PSE&G ELECTRIC	YES	YES
VERIZON	YES	YES
CABLEVISION	YES	NO
5 FIBER COMPANIES	YES	YES
HACKENSACK SEWER	NO	YES
VEOLIA WATER	NO	YES
BERGEN COUNTY UA	NO	YES

#### **WORK TO BE PERFORMED BY THE STATE'S CONTRACTOR:**

1. WATER MAIN Construct relocated water main facilities, along the Exit Ramp and along Route 4 eastbound according to Veolia Water New Jersey, Inc.'s standard requirements.
2. SEWER MAIN Construct relocated sewer main facilities, along Route 4 eastbound according to Hackensack City Sewer standard requirements.
3. ELECTRIC Perform relocation of electric meter and electric service for the existing billboard sign structures.
4. TELECOMM/ELECTRIC Perform installation of permanent facilities; electric manhole, telephone handhole, PVC Conduits, along Route 4 eastbound and westbound, north of bridge.



## Pre Stage 1 (continued)

UTILITY COMPANY	WORK BY UTILITY COMPANY	WORK BY STATE'S CONTRACTOR
PSE&G ELECTRIC	YES	YES
VERIZON	YES	YES
CABLEVISION	YES	NO
5 FIBER COMPANIES	YES	YES
HACKENSACK SEWER	NO	YES
VEOLIA WATER	NO	YES
BERGEN COUNTY UA	NO	YES

### **WORK TO BE PERFORMED BY THE STATE'S CONTRACTOR:**

5. TELECOMM/ELECTRIC Perform installation of permanent facilities; electric manhole, communications junction boxes (5), PVC Conduits, along Route 4 eastbound, south of bridge.
6. TELECOMM/ELECTRIC Perform installation of temporary facilities; communications manhole (1), electric manholes (2), PVC Conduits, along Route 4 eastbound.
7. TELECOMM/ELECTRIC Perform temporary installation of fiber glass sleeves and conduits along the temporary bridge, to be attached to the beams. (Route 4 eastbound).

## Stage 1

UTILITY COMPANY	WORK BY UTILITY COMPANY	WORK BY STATE'S CONTRACTOR
PSE&G ELECTRIC	YES	YES
VERIZON	NO	YES
CABLEVISION	NO	NO
5 FIBER COMPANIES	YES	YES
HACKENSACK SEWER	NO	YES
VEOLIA WATER	NO	YES
BERGEN COUNTY UA	NO	YES

### **STAGE 1 - WORK TO BE PERFORMED BY THE STATE'S CONTRACTOR:**

1. TELECOMM/ELECTRIC Perform installation of permanent facilities; electric manholes (2), PVC Conduits, communications junction boxes (10), along Route 4 westbound, north and south of bridge.
2. TELECOMM/ELECTRIC Perform installation of permanent fiber glass sleeves and conduits along the permanent bridge, to be attached on beams. (Route 4 westbound).
3. BCUA SEWER Provide stability analysis of the 96" pipe during construction and long term impact from the proposed bridge construction. Provide vibration monitoring. This work may last till the end of Stage 3.

## **Stage 2, 3, and 4**

**WORK TO BE PERFORMED BY THE STATE'S CONTRACTOR:**

**UTILITY RELOCATION WORK IS COMPLETED BY THE END OF STAGE 1**

Provide continuous vibration monitoring throughout the entire duration of work surrounding 96" BCUA Sewer main. This work may last till the end of Stage 3.

# Route 4 Hackensack River Bridge Project

## Route 4 Corridor Projects



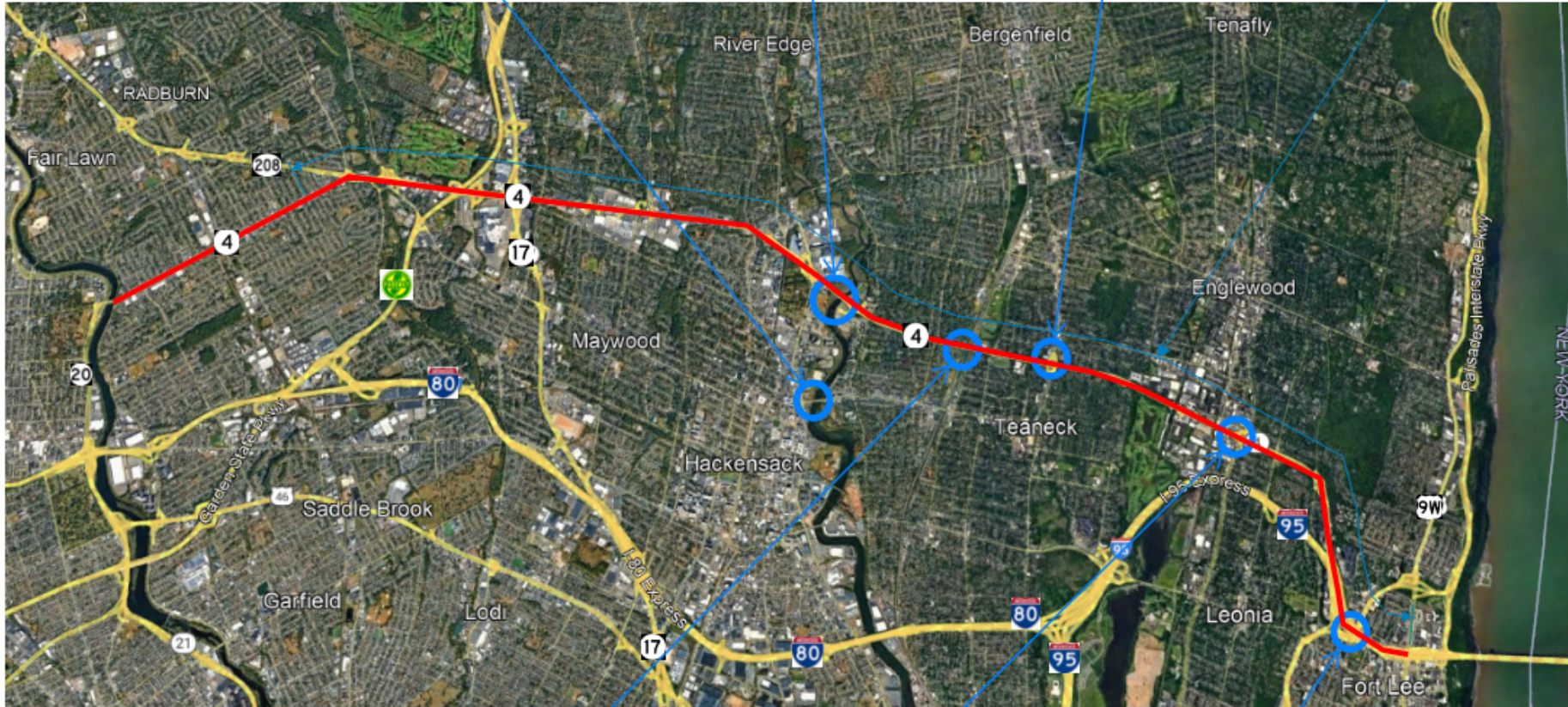
### Active Route 4 Corridor Projects

**East Anderson Street/Cedar Lane Bridge**  
(Bergen County Project)  
Preliminary Engineering  
Hackensack City, Bergen County  
Construction Year: 2027 - 2031

**Route 4 Hackensack River Bridge**  
UPC 023460  
Final Design  
Bridge Rehabilitation/Replacement MP 5.73 - 6.22  
Hackensack City, Bergen County  
Construction Jan 2026 - May 2032

**Route 4, Teaneck Road Bridge**  
UPC 950198  
Preliminary Engineering  
Bridge Replacement, MP 7.27 - 7.86  
Teaneck Township, Bergen County  
Construction Start 2029

**Tunbridge Road to Route 9W,  
Resurfacing/Guide Rail/ADA Upgrades**  
UPC \_\_\_\_\_  
Construction  
MP 1.94 to 10.59  
Fair Lawn Boro, Paramus Boro, River Edge Boro,  
Hackensack City, Teaneck Township, Englewood  
City, Fort Lee Boro, Bergen County  
Construction 2024-2026



**Route 4, Bridge over Palisade Ave and CSX**  
UPC 078044  
Final Design  
Bridge Replacement, MP 6.8 - 7.2  
Teaneck Township, Bergen County  
Construction 2026 - 2032

**Route 4, Grand Ave Bridge**  
UPC 074100  
Final Design  
Bridge Replacement, MP 8.8 - 9.3  
Englewood City, Bergen County  
Construction Start 2027

**Route 9W, Bridge over Routes 95, 1&9, 46 and 4**  
UPC 144240  
Concept Development, Standard Delivery  
Bridge Replacement, MP 0.05  
Fort Lee Boro, Bergen County  
Construction: TBD



# Civil Rights Pre-Award Requirements

DBE Program Requirements, Potential Subcontracting Opportunities & Required Bidder Submissions

# Route 4 Hackensack River Bridge, Contract No. 006023460

## Potential Opportunities



Construction Schedule, CPM Scheduling, Construction Management	Field Office Set Up (Furniture, computers, etc.)
Layout, survey, construction layout	Excavation
Traffic Safety	Paving (Asphalt)
Clearing/site clearing/clearing site	Supply of concrete, asphalt, aggregate, rip rap, stone, etc.
Regulatory & warning sign/traffic safety	Supply of reinforced concrete pipe
Beam guide rail/guide rail/ guardrail	Supply of cameras
Underground utility work (water, sewer, gas, etc.)	Supply of inlets, manholes (castings)
Landscape/planting/landscape construction/tree removal/turf work	Supply of Electrical equipment
Fence (chain link)	Supply of Erosion Control items (silt fence, inlet filters, etc.)
Electrical	Signs (sign manufacturing/wholesaler)
Concrete work, curbs, sidewalk	Epoxy Waterproofing
Concrete cutting/saw cutting	Concrete Staining
Structural Steel	Disposal of Material
Trucking/Hauling	Lighting
Vibration Monitoring	



**11% ESBE**

**Certified ESBEs & certified DBEs may be used to meet this ESBE goal.**

## **ESBE**

- A for-profit small business where an economically disadvantaged individual(s) owns at least a 51% interest and also controls and manages the daily operations of the company.
- ESBE is a company-level certification used by businesses who wish to bid for **federal highway project work with NJDOT**.
- Must be a small business, according to the Small Business Administration (SBA) size standards, and be 51% owned and controlled by one or more economically disadvantaged individuals whose personal net worth does not exceed the personal net worth cap for the ESBE program.
- **Race, gender, and ethnicity are not considered when determining eligibility for the ESBE program.**

ESBE Directory: <https://www.nj.gov/transportation/business/civilrights/pdf/ESBEDirectory.pdf>

DBE Directory: <https://njucp.dbesystem.com>

## **DBE**

- A for-profit small business where a socially and economically disadvantaged individual(s) owns at least a 51% interest and also controls and manages the daily operations of the company.
- DBE is a company-level certification used by businesses who wish to bid for federal highway project work.
- Women, Black Americans, Hispanic Americans, Native Americans, Asian Pacific Americans, and Subcontinent Asian Americans are presumed to be socially and economically disadvantaged.



## Bidder

- Demonstrate & document their signed, written commitment to meet the established contract goal.

OR

- Documents they made adequate good faith efforts (GFE) to meet the goal, even though they did not succeed in obtaining enough DBE participation to meet the goal.

## Firm



- Written confirmation/verification of their intent to participate in contract including the specifics of the kind and type of work they will perform on the contract.

## Bidder

- 1) Demonstrate, and submit their signed, written commitment (CR-266) or when falling short of meeting the goal, submission of **documented evidence of good faith efforts (GFE)**.
- 2) **Submit confirmation/verification from each firm of their intent to participate in the Contract** if the bidder is awarded the contract.
  - **CR-273 – Confirmation of ESBE or DBE Firm** – for each firm listed on the CR-266, **no matter their role.**
  - **CR-272-ESBE or DBE Regular Dealer/Supplier Verification** - for each regular dealer/supplier listed on the CR-266
  - **CR-274-ESBE or DBE Trucking Verification & supporting documentation** - for each trucker/hauler/transportation firm listed on the CR-266

## Firm

- 1) Fully completing, signing the confirmation/verification forms.
- 2) Returning the forms & supporting documentation to the Bidders **in a timely manner.**
  - **Form CR-273 –Confirmation of ESBE/DBE Firm**
  - **Form CR-272 – ESBE/DBE Regular Dealer/Supplier Verification** (when role will be one as a supplier or broker)
  - **Form CR-274 – ESBE/DBE Trucking Verification** (when role is trucker/trucking firm/transportation firm)
    - All required supporting for each truck to be used on the contract related to the



**Revisions to all of these documents are not accepted after initial submission.**

## KEY POINTS: PRE-AWARD

- Bidders have a responsibility to ensure that ESBEs and DBEs have equal opportunity to compete for and perform on the contract.
- All bidders are required to submit all Civil Rights documentation within 5 days of bid opening.

### ALL BIDDERS

Submit all signed & completed Civil Rights documentation within 5 days after bid opening.

### FAILING TO SUBMIT FORMS

Is grounds for a bid to be rejected due to lack of responsibility.

### CLERICAL ERRORS

No room for errors.  
Avoid common errors  
– Refer to updated Advisory Notice to Bidders posted in the proposal.

## KEY POINTS: PRE-AWARD

- No room for errors
- Opportunity for Administrative Reconsideration

### FORM RESUBMISSIONS

Resubmissions due to clerical error are not permitted.

### PRE-AWARD REVISIONS

Prior to award, Bidders cannot make any changes such as terminate, substitute or replace a DBE that is listed as part of their commitment.

### ADMINISTRATIVE RECONSIDERATION

Opportunity for AR when it is determined the bidder failed to document enough participation to meet the goal, nor adequate good faith effort.

# Guidance for Good Faith Effort

A promise to use ESBEs or DBEs after contract award is not considered to be responsive to a Contract solicitation or to constitute good faith effort.



Documented evidence of good faith efforts is detailed. It includes, but is not limited to, evidence of firms solicited for work or expressing interest in performing on the contract (including ESBEs, DBEs and non-ESBEs, non-DBEs)

- 1) Documentation to show on-going effort(s) to solicit and negotiate with ESBEs and DBEs and non-ESBEs/non-DBEs to compete and perform work on the contract.



# Guidance for Good Faith Effort

Use good business judgment - consider various factors in negotiating with subcontractors, including ESBE and DBEs.

- A firm's price and capabilities
- Contract goals

Additional costs may be involved in finding and using ESBEs or DBEs. **Cost involved for finding and using them is not sufficient reason for failing to meet the contract goal.**

**The ability or desire of a bidder to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts.**

Bidders are not required to accept higher quotes for ESBEs or DBEs if the price difference is excessive or unreasonable (as determined by DCR/AA)





## Soliciting Interest

**Soliciting the interest of all certified ESBEs or DBEs capable of performing the work** - through all reasonable & available means.



## Providing Information

**Providing interested firms with adequate information** about contract documents & requirements - **in a timely manner.**



## Selecting Work

**Selecting portions of work to be performed (breaking out contract work items into economically feasible units) to facilitate participation,** even when the Bidder/Prime might otherwise prefer to perform the work.



## Negotiating

**Negotiating in good faith** with interested ESBEs or DBEs



## Assisting Firms

Assisting interested firms in obtaining bonding, lines of credit, or insurance as required by the recipient or bidder.

Assisting interested firms in obtaining necessary equipment, supplies, materials, or related assistance or services.



## Not Rejecting Firms

Not rejecting firms as being unqualified without sound reasons.



## Utilizing Outside Services

Using services of minority/women organizations; local, state, and Federal business assistance offices; other organizations providing assistance in the recruitment and placement of ESBES or DBEs.



### Subcontractor

Performs specific work items with own forces pursuant to contract agreement with prime contractor.

Must perform at least 30% of contract with their own workforce.

Furnish & install

**Credit:** 100% credit or less (labor & materials)



### Service Provider

Provides a service or facilitates procurement of materials and supplies

**Credit:** Entire amount of fees and commissions, if reasonable.



### Trucker/Hauler

Limited credit for non-DBE or non-ESBE trucks

Credit can be given if DBE or ESBE leases non-DBE or non-ESBE trucks but uses DBE or ESBE employees/drivers.

**Credit:** Amount of DBE or ESBE truck performance, plus limited credit for non-DBE or non-ESBE not to exceed value of transportation services provided by DBE or ESBE,



### Regular Dealer/Supplier

Supplies and delivers products

Owns, operates a store or warehouse that contains sufficient quantities of products of general character described in specs for project and regularly sold or leased to public in usual course of business.

Regular dealer in bulk items as petroleum product, steel, cement, gravel, stone or asphalt without owning, operating or maintaining a place of business.

For bulk items must own and operate distribution equipment used to deliver products. Supplementing of distribution equipment must be by long-term operating lease.

**Credit:** 60% credit for cost of materials or supplies, including transportation



**NEW**

### Distributor

Established business that engages in regular sale or lease of items specified in contract.

**Credit:** Entire amount of fees and commissions, if reasonable.

Assumes responsibility for items it purchases once they leave point of origin; liable for any loss or damage not covered by carrier's insurance.

Transfer of liability to distributor at delivery destination or deliveries made by manufacturer are not allowed for 40% credit to be obtained.

**Credit:** 40% for drop-shipped items satisfying CUF



## Transaction Facilitator

Neither a manufacturer, regular dealer, nor distributor.

Facilitates procurement of materials.

**Credit:** Reasonable fees & commissions charged, including transportation 100% credit



## Manufacturer

Owns or leases and operates a factory or establishment that produces, on premises, materials, supplies, articles or equipment required on contract & general character described in spec.

Blends/modifies raw materials/assembles components to create product meeting contract spec.

DBEs or ESBEs making minor modifications to materials, supplies, articles or equipment are not DBE or ESBE manufacturers. Minor modifications are additional changes to a manufactured product that are small in scope & add minimal value to the final product.

**Credit:** 100% credit

# Route 4 Hackensack River Bridge, Contract No. 006023460

## NAICS Codes



- Standardizes industry classifications across US, Canada & Mexico
- Classifies business establishments hierarchically by industry to facilitate accurate statistical analysis, government contracting, etc.
- Groups establishments into industries according to similarity in the processes used to produce goods or services.

### NAICS Structure

Organization of NAICS is as follows:

- **Sector:** 2-digit code
  - **Subsector:** 3-digit code
    - **Industry Group:** 4-digit code
      - **NAICS Industry:** 5-digit code
        - **National Industry:** 6-digit code



<https://www.census.gov/naics/>

Sector	Description
11	Agriculture, Forestry, Fishing and Hunting
21	Mining, Quarrying, and Oil and Gas Extraction
22	Utilities
23 ★	Construction
31-33 ★	Manufacturing
42 ★	Wholesale Trade
44-45	Retail Trade
48-49 ★	Transportation and Warehousing
51	Information
52	Finance and Insurance
53	Real Estate and Rental and Leasing
54 ★	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56 ★	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (except Public Administration)
92	Public Administration ( <i>not covered in economic census</i> )



# Route 4 Hackensack River Bridge Project NJDOT Form CR-273



- All questions must be answered by the ESBE or DBE.

## Key Points

- Specific contract work items and Item Descriptions must be included. All items on which the firm is performing partial work must be clearly identified. This can be by using "(P)" or "Partial" after item the Item Number or Item description.

- Be specific about what part of the work the firm is performing.

- ESBE or DBE signature is required.**

Form CR-273 (12/2016)

New Jersey Department of Transportation  
Confirmation of DBE/ESBE/SBE Firm  
TO BE COMPLETED BY DBE/ESBE/SBE FIRM

Name of DBE/ESBE/SBE Firm: Cranston Supply LLC  
 DBE/ESBE/SBE Firm's Contact Information:  
 Address: 26 Dunbar Way, Kearny, NJ 07032  
 Phone: (856)617-9982  
 E-mail Address: cranston@comcast.net  
 NJDOT Project Name:  
Rte. 287, Section 0169852 From Main Street to Coxen Lane

DP Number (provided by Bidder): 25134  
 Bidder (Prime): Kirby & Scarp Construction  
 Proposed Start Date of DBE/ESBE/SBE Firm's Work: 11/14/2023  
 Proposed Dollar Amount of DBE/ESBE/SBE Work if Contract is awarded to Bidder (Prime):  
\$137,000.00  
 Proposed DBE/ESBE/SBE Work Items, Including Item Descriptions  
 ITEM 73(P) - 18" REINFORCED CONCRETE PIPE  
 ITEM 74 - 18" REINFORCED CONCRETE PIPE, CLASS V (partial)

Please answer each question listed below	Yes	No
If this project is awarded to the Bidder/Prime Contractor listed, do you verify your intent to complete the proposed subcontract work items?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are all of your employees carried on your firm's payroll?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is your firm's equipment registered in your name?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If not, is it leased from the Bidder/Prime Contractor or any other contractor on the project?	<input type="checkbox"/>	<input type="checkbox"/>
Will the equipment you use display your firm's name or logo?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is you Superintendent or Foreman working as an employee of any other contractor or subcontractor on the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are any of your firm's employees also working for the Bidder/Prime Contractor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>For Truckers Only:</b> Will you be responsible for the management and supervision of the entire trucking operation for which you are contracted to perform?	<input type="checkbox"/>	<input type="checkbox"/>
<b>For Suppliers Only:</b> Do you own, operate or maintain a store, warehouse, or other establishment in which the materials, supplies or equipment required under the Contract are bought, kept in stock and regularly sold or leased to the public in the usual course of business?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Title: Owner  
Deborah Livingston  
 Signature of DBE/ESBE/SBE Firm Representative  
 Date: August 15, 2023

I certify that the foregoing statements and information made are true. I am aware that if of the foregoing statements made are willfully false, I am subject to punishment. I further certify that I have full power and authority to execute this certification on behalf of the DBE/ESBE/SBE firm, Cranston Supply LLC, and that all approvals and other actions necessary in connection with the execution of this certification by the above signed have been obtained and are in full force and effect as to the date of execution of this certification.

Under 49 C.F.R. 36.107 dated February 2, 1999 and January 28, 2011, if at any time, the Department or a recipient has reason to believe that any person or firm has willfully and knowingly provided incorrect information or made false statements, the Department may take enforcement action under 49 C.F.R. Part 31, Program Fraud and Civil Remedies, and/or refer the matter to the Department of Justice for criminal prosecution under 18 U.S.C. 1001, which prohibits false statements in Federal programs.

# Route 4 Hackensack River Bridge Project NJDOT Form CR-272



## Key Points

- Required from all regular dealer/supplier firms listed on the CR-266 and must be signed.
- A Regular Dealer/Supplier:
  - **Owns, operates or maintains a store or warehouse** where the materials, supplies, etc. of the type required under the contract are bought, stocked & regularly sold or leased to the public.
  - **Takes possession of the materials**
  - **Is responsible for delivery** of the materials.
- If the firm's role is not of a regular dealer, they are a considered a broker, and credit is reasonable fees/commissions.

Materials to be supplied & estimated quantities must be listed.

Contract Items numbers & Item Descriptions must be included

**Each question must be answered.**

Form CR-272 (03/2017)

Page 1 of 1

NJ Department of Transportation  
Division of Civil Rights & Affirmative Action

**DBE/ESBE/SBE REGULAR DEALER/SUPPLIER VERIFICATION FORM**  
(To be completed by DBE/ESBE/SBE firm)

Project Name:		DP Number
Bidder/Prime Contractor:		
DBE/ESBE/SBE Firm:	Address:	Phone Number
Provide a brief description of the material(s) your firm will be supplying and the Prime is requesting be credited as a regular dealer (include item number and estimate quantities when possible).		
If either question is marked "No", the Bidder/Prime Contractor cannot receive regular dealer credit for the services provided by the DBE/ESBE/SBE firm. Instead, the maximum credit that could be received would be the fee or commission the DBE/ESBE/SBE firm receives for its services. Before executing this form, read the "Guide for Counting DBE/ESBE/SBE Suppliers" on page 2 which includes the official question and answer issued by the United States Department of Transportation.		
		Check one for each question
1. Does your firm 'regularly' engage in the purchase and sale or lease, to the general public in the usual course of its business, of product(s) of the general character which will be involved in this contract and for which DBE/ESBE/SBE credit is being sought?		<input type="radio"/> Yes <input type="radio"/> No
2. Is the role your firm will play on this specific contract be consistent with the regular sale or lease of the product(s) in question, as distinct from a role better understood as that of a broker, packager, manufacturer's representative, or other person who arranges or expedites a transaction?		<input type="radio"/> Yes <input type="radio"/> No
<b>Authorized Representative of DBE/ESBE/SBE Firm</b>		
The undersigned individual hereby verifies that he/she is authorized to make this verification on behalf of the DBE/ESBE/SBE firm, that the DBE/ESBE/SBE firm 'regularly' engages in the purchase and sale or lease of the items listed herein and is not otherwise a package, broker, manufacturer representative, or other person who arranges or expedites transactions, the answers and information provided herein are true and correct to the best of her/his knowledge, information and belief and that this verification is made subject to the penalties of 49 CFR Part 26.		
Signature _____		Date _____
Printed Name _____		Phone Number _____
<b>Authorized Representative of Bidder/Prime Contractor</b>		
The undersigned individual hereby verifies the he/she is authorized to make this verification on behalf of the Bidder/Prime Contractor, that, to the best of his/her knowledge, information and belief, the DBE/ESBE/SBE firm 'regularly' engages in the purchase and sale or lease of the items listed herein and is not otherwise a package, broker, manufacturer representative, or other person who arranges or expedites transactions and that this verification is made subject to the penalties of 49 CFR Part 26.		
Under 49 C.F.R. 26.107 dated February 2, 1999 and January 28, 2011, if at any time, the Department or a recipient has reason to believe that any person or firm has willfully and knowingly provided incorrect information or made false statements, the Department may take enforcement action under 49 C.F.R. Part 31, Program Fraud and Civil Remedies, and/or refer the matter to the Department of Justice for criminal prosecution under 18 U.S.C. 1001, which prohibits false statements in Federal programs.		
Signature _____		Date _____
Printed Name _____		Phone Number _____

# Route 4 Hackensack River Bridge Project NJDOT Form CR-274



## Key Points

- Required from all truckers/trucking firms listed on the CR-266.
- **Form must be completed in entirety and signed by the 1<sup>st</sup> Tier ESBE or DBE.**
- Information is required for all ESBE and DBE and non-ESBE/non-DBE trucking firms, including individual owner/operators that the ESBE or DBE will subcontract to, or lease from.
  - Name of Owner/Operator/Trucking Company
  - No. of trucks
  - VIN# of each truck
  - Make, Model and Year of each truck
- **The ESBE or DBE must own & operate at least one fully licensed, insured, and operational truck used on the contract.**
- **Supporting documentation for all trucks to be used on the contract must be submitted with the CR-274 form.**
  - Proof of ownership of truck (title or finance agreements)
  - Registration cards
  - Insurance Cards
  - Hazard waste licenses (if applicable)
  - Apportioned cab cards (if applicable)
- All ESBE or DBE leased trucks are required to reflect the ESBE or DBE firm's company name and identification number.

Form CR-274 (08/2016)

### NEW JERSEY DEPARTMENT OF TRANSPORTATION DBE/ESBE/SBE TRUCKING VERIFICATION

This commitment is subject to the award and receipt of a signed contract from the New Jersey Department of Transportation for the subject project. Note that copies of all supporting documents must be attached.

Project Name:			
Bidder/Prime Contractor Name:			
Address:			County:
Telephone Number:	E-mail Address:		DP Number:
Trucking Firm Name:			
Address:			Telephone Number:

The DBE/ESBE/SBE Trucking Firm will perform the following described work on the project:

Bid Items	Item Description	Unit	Unit Price	Quantity	Total	
			\$		\$	+
			\$		\$	-
			\$		\$	+
			\$		\$	-
<b>Total Commitment Amount (Amount of DBE/ESBE/SBE Subcontract):</b>					\$	

Location(s) material will be transported: \_\_\_\_\_

Total number of fully operational DBE/ESBE/SBE owned trucks to be used on contract: \_\_\_\_\_

First Tier DBE/ESBE/SBE Trucking Firm			
Number of trucks owned: _____			
Specify ALL Vehicle information:			
Vehicle Identification Number (VIN)	Year	Make	Model



- Failing to submit the Civil Rights forms.
- Failing to sign the CR-266.
- Identifying SBE, MBE or WBE firms on the CR-266 for a Federally-assisted (funded) contract having a DBE or ESBE goal.



- Failing to submit a completed & signed CR-273 for every firm listed on the CR-266.



- Firms listed on CR-266 are not certified in the kind and type of work they would perform on the contract. (ESBE or DBE does not have the NAICS code for the work they are listed to perform)



- Bidder and DBEs failing to ID contract item numbers & item descriptions on forms.
- Failure to identify materials to be supplied on the CR-266 and CR-273; CR-272



- Bidder failing to submit a completed & signed CR-272 (Dealer/Supplier Verification) for each regular dealer/supplier listed on the CR-266.
- Bidder failing to submit a completed & signed CR-274 for truckers/haulers or transportation firms listed on CR-266.



- Failing to submit required supporting documentation with the CR-274 (Titles, lease agreements, registrations, insurance cards, etc.)



- Item Numbers, Contract Amounts on CR-266 and CR-273 and/or CR-272 forms don't correspond or match



- Bidder completes and signs the DB/ESBE Verification or Confirmation forms, except where the forms indicate the bidder is to sign.



- Failure to verify & confirm the proper work in DBE or ESBE Directories that the firm is certified.



- Failure to submit evidence of GFE and/or inadequate documentation to support good faith efforts (GFE) when the ESBE or DBE goal is not met.

## Lack of Responsibility

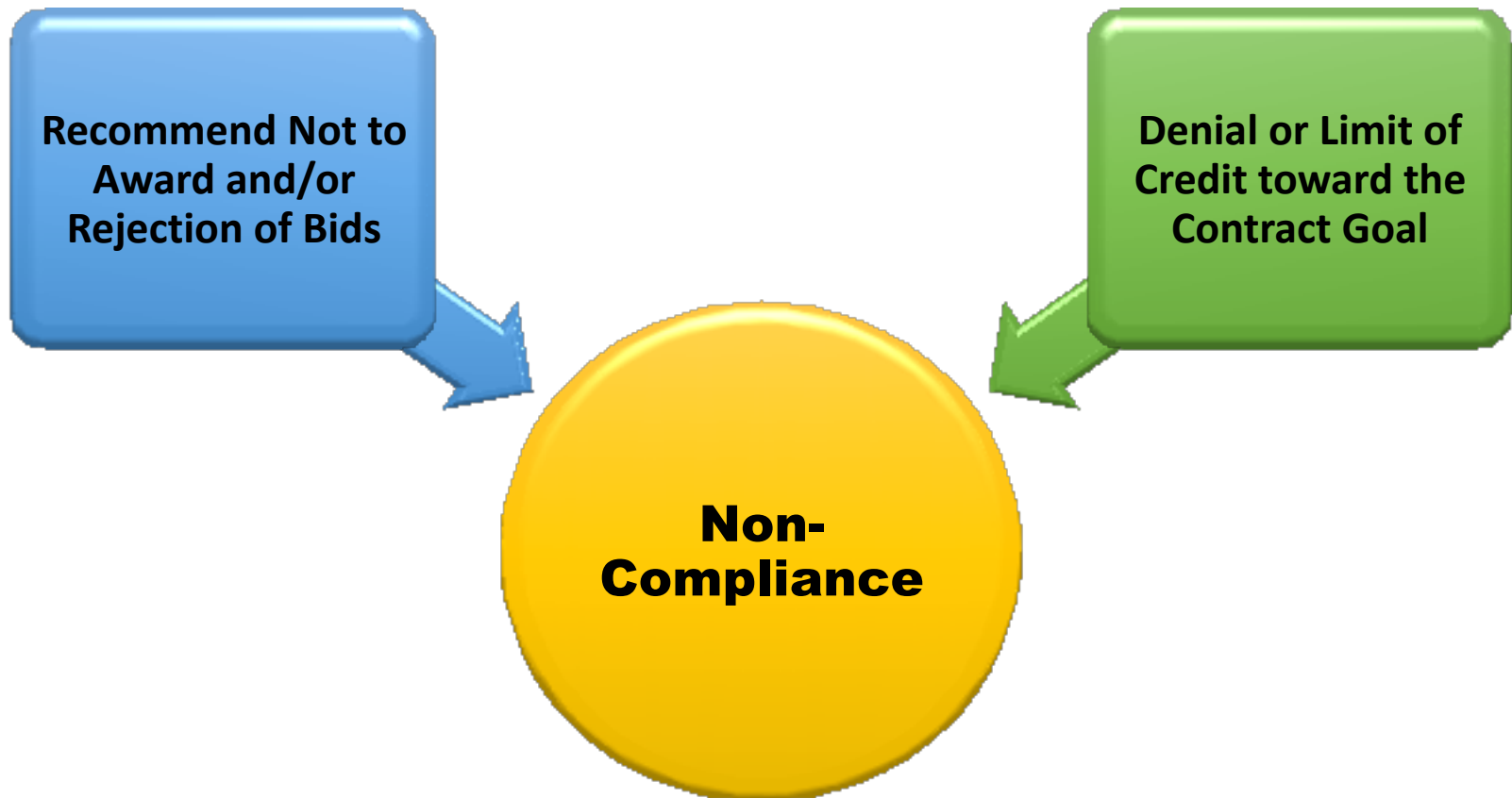
(related to Civil Rights Requirements)

Failure to submit at time of bid or **within 5 days of bid opening** the following:

- Form CR-266
- Form CR-273 for each firm listed on the CR-266
- Form CR-274 for each trucker/hauler/transportation firm listed on the CR-266
- Form CR-272 for each Regular Dealer/Supplier listed on the CR-266
- Proof of documented evidence of good faith efforts to meet the Contract goal, if the Bidder fails to meet the Contract ESBE goal

Failure of the Bidder to meet the Contract goal as determined by the DCR/AA or make adequate good faith efforts to do so.

## Non-Compliance with Civil Rights Pre-Award Requirements



## Compliance with Civil Rights Pre-Award Requirements



- **Recommendation to Award** the project to the lowest successful bidder demonstrating a commitment to meet the Contract ESBE goal or having made adequate good faith efforts to do so.

# QUESTIONS?



# Route 4 Hackensack River Bridge Project FD Phase – Pre-Bid Meeting



**Michael Baker**  
INTERNATIONAL

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# Thank You!!!