Thank you for joining the meeting!

At this time we respectfully request the following:

1. Please mute your microphones.
2. Please enter your question(s) in the chat box or wait until the end of the presentation to ask your question.
3. Please note that this session will be recorded.
4. The presentation will begin at 5:10 PM.

Public Information Center #1

July 22, 2020

GPI Engineering | Design | Planning | Construction Management

NJTPA

Meadowlands Parkway Bridge over Norfolk Southern Rail Lines Local Concept Development

Public Information Center #1

July 22, 2020

GPI

Engineering | Design | Planning | Construction Management

HUDSON COUNTY NEW JERSEY

NJTPA

DEPARTMENT OF TRANSPORTATION THE STATE OF NEW JERSEY

Agenda

- Project Team
- Project Delivery Process
- Project Location
- Existing Conditions
- Environmental Constraints / Permits
- Crash Data and Analysis
- Traffic Data and Analysis
- Stakeholder Survey Results
- Work Completed to Date
- Next Steps
- Project Website
- Questions

Project Team

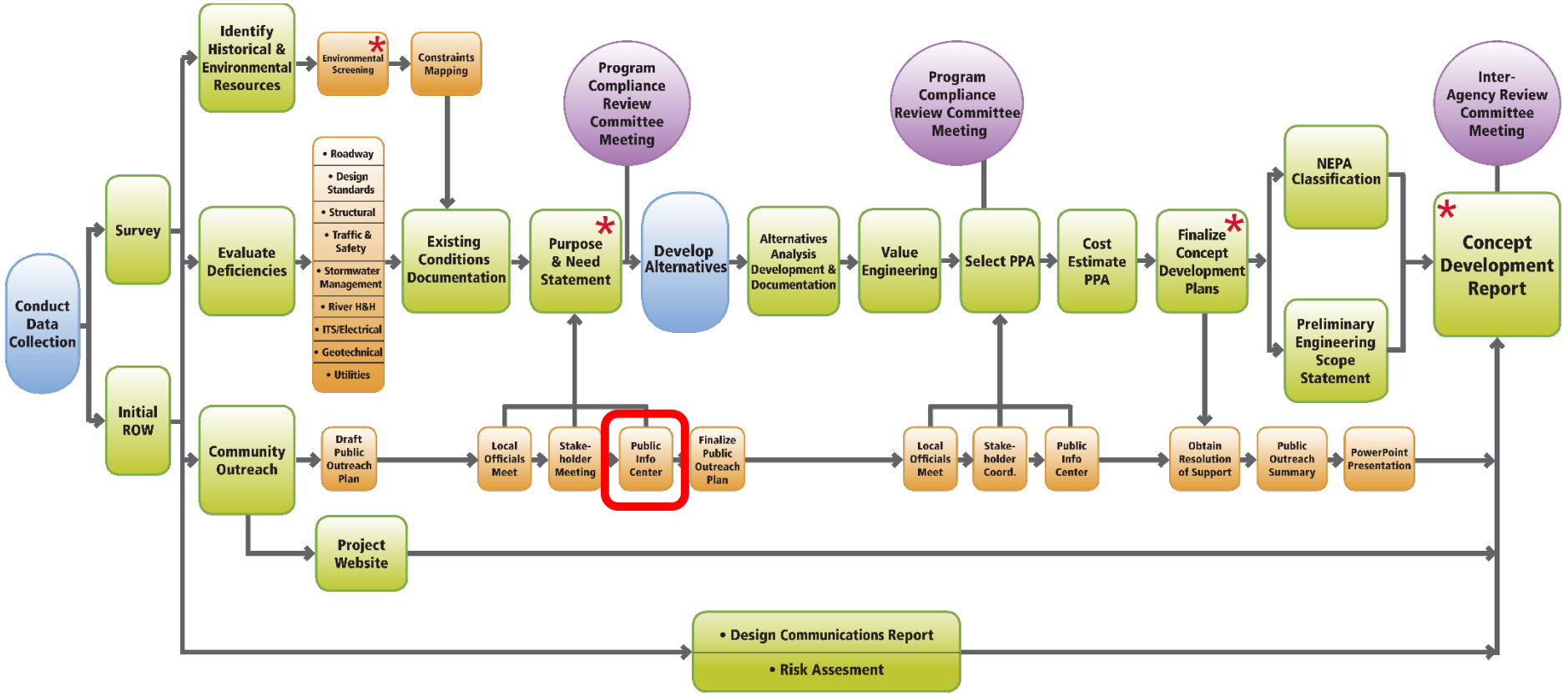
	Thomas Malavasi, PE – Project Manager, County Engineer **Jose Sieira** – Director of Traffic and Transportation
	Sarbjit Kahlon – Project Manager
	Pamela Garrett – Bureau of Environmental Program Resources **Nabil Ayoub** – Local Aid **Miriana Ghaly** – Local Aid
	Bernard Boerchers, PE, PTOE – Project Manager **William Farrow, PE** – Deputy Project Manager

Project Delivery Process

Local Capital Project Delivery Program

Local Concept Development	Local Preliminary Engineering	Final Design / Right of Way Acquisition	Construction
Purpose and Need Statement	Approved Design Exception Report	Construction Contract Document and PS&E Package	Completed Construction
Data Collection and Environmental Screening Report	Cost Estimates (Final Design ROW and Construction)	Environmental Reevaluations	As-Builts
Selection of Preliminary Preferred Alternative	Approved Environmental Document	Environmental Permits	Update and Finalize Design Communications Report
NEPA Classification	Approved Project Plan	Acquisition of ROW	Close-Out Documentation
Concept Development Report	Preliminary Engineering Report	Update Design Communications Report	
Create Design Communications Report	Update Design Communications Report		

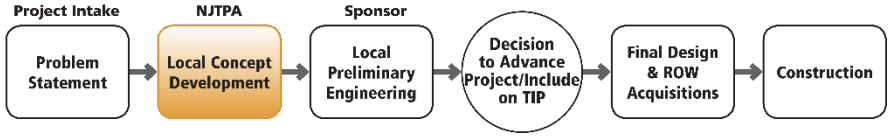
Project Delivery Process



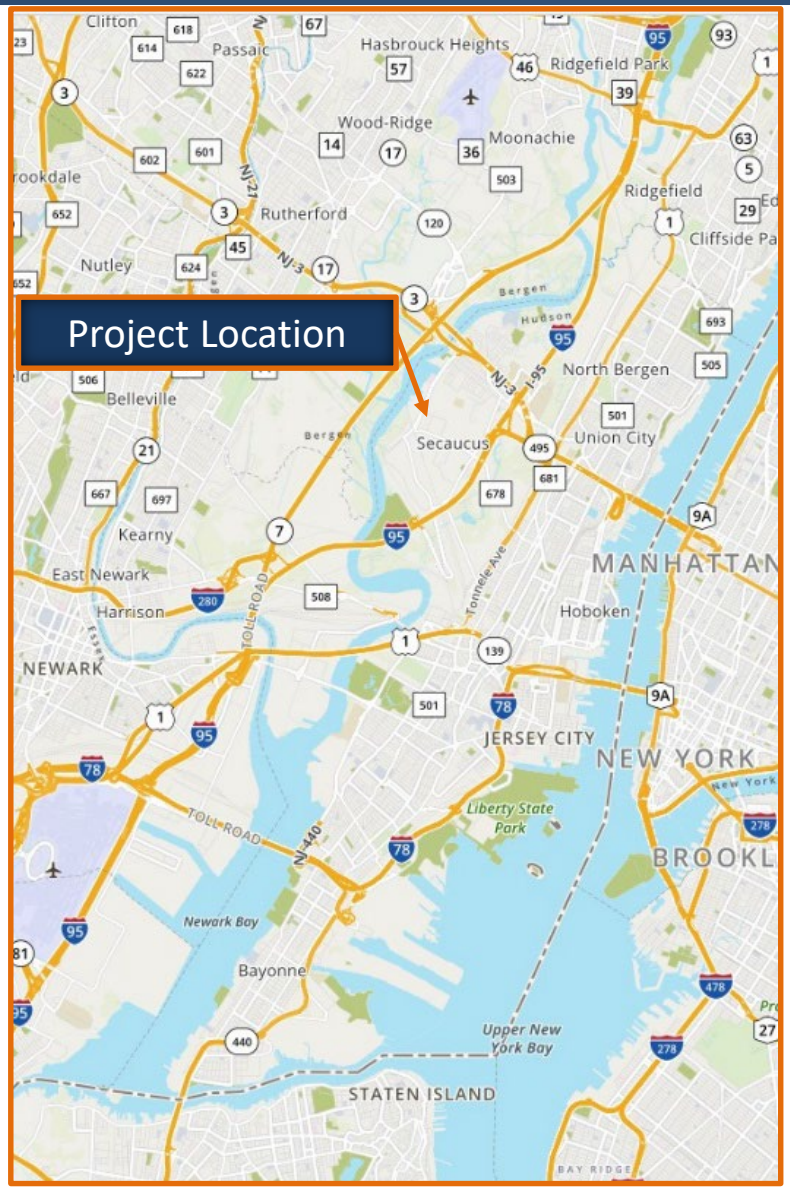
Legend

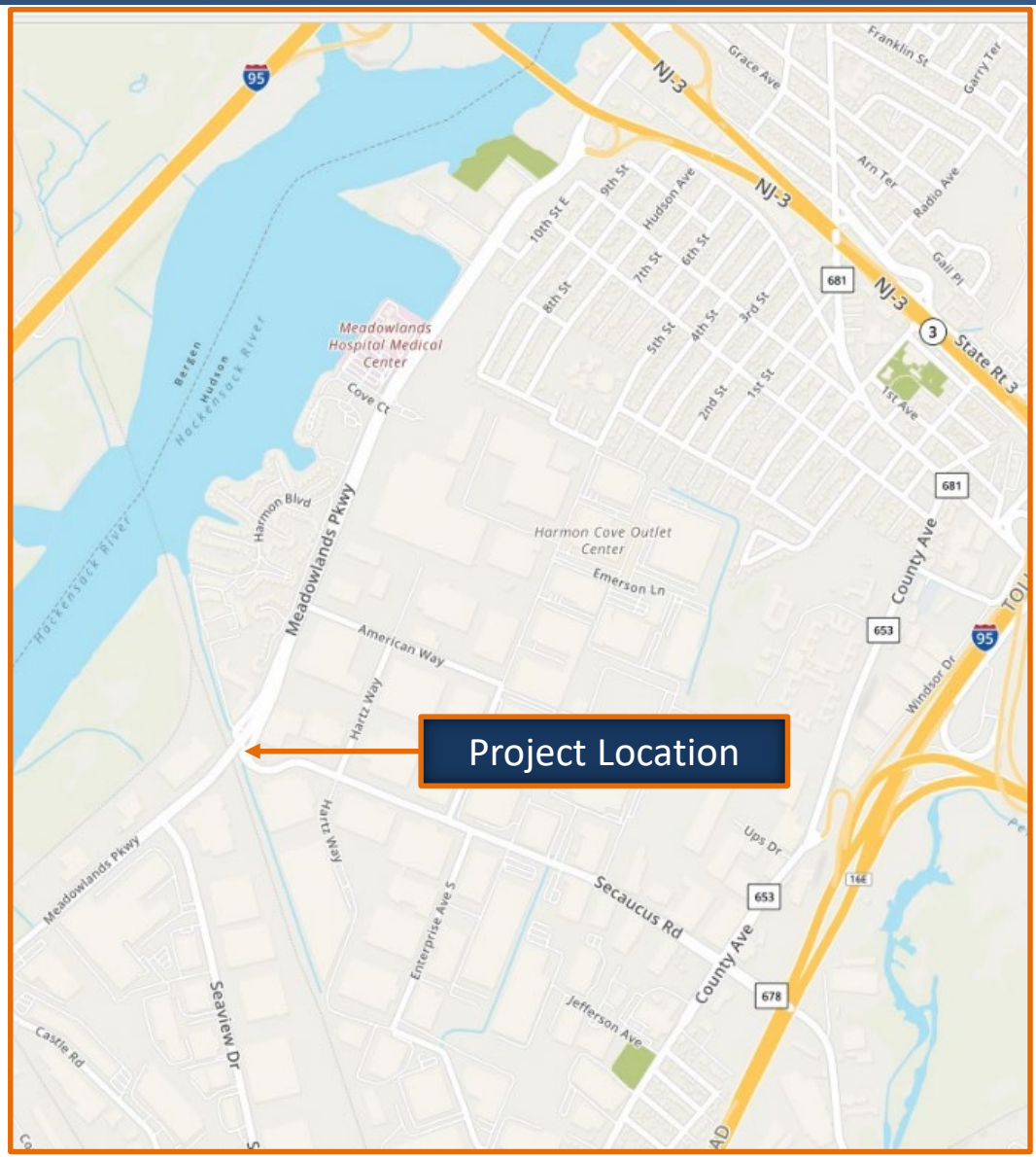
- Process
- Task
- Deliverable *
- Subtask
- Interagency Review Committee

NJTPA Project Delivery



Project Location





Existing Conditions

- Constructed in 1973
- Owned by the Town of Secaucus
- Carries Meadowlands Parkway over the Norfolk Southern Rail Lines, Secaucus Road, and a tidal tributary to the Hackensack River
- Emergency / Priority Repairs in 2005 and 2018

Existing Conditions

- Five span bridge
- 316 feet long, 55 feet wide
- Superstructure: Simply supported steel multi-stringer supporting a reinforced concrete deck
- Substructure: Reinforced concrete stub abutments and multi-column bents supported by piles

Existing Conditions

12TH Cycle Bridge Re-evaluation Survey Report:

- Superstructure: Significant section loss at stringer ends
- Substructure: Large areas of spalled and delaminated concrete and wide cracks
- Deck: Large spalls, heavy scaling, cracks with efflorescence in the east and west deck soffits and corrosion of the SIP forms at various locations

2018 Priority Repairs: Column supports under numerous stringers and replacement of several end diaphragms

Existing Conditions – Utilities

- 2-inch fiber optic conduit
- 8-inch gas main below the east fascia
- An abandoned 6-inch water main on the northern end of the east fascia,
- Ten (10) 5-inch electrical conduits in Bay 6,
- Eight (8) 4-inch telephone conduits in Bay 5
- A 20-inch water main (with an additional 6 inches of insulation wrapping) in Bay 4

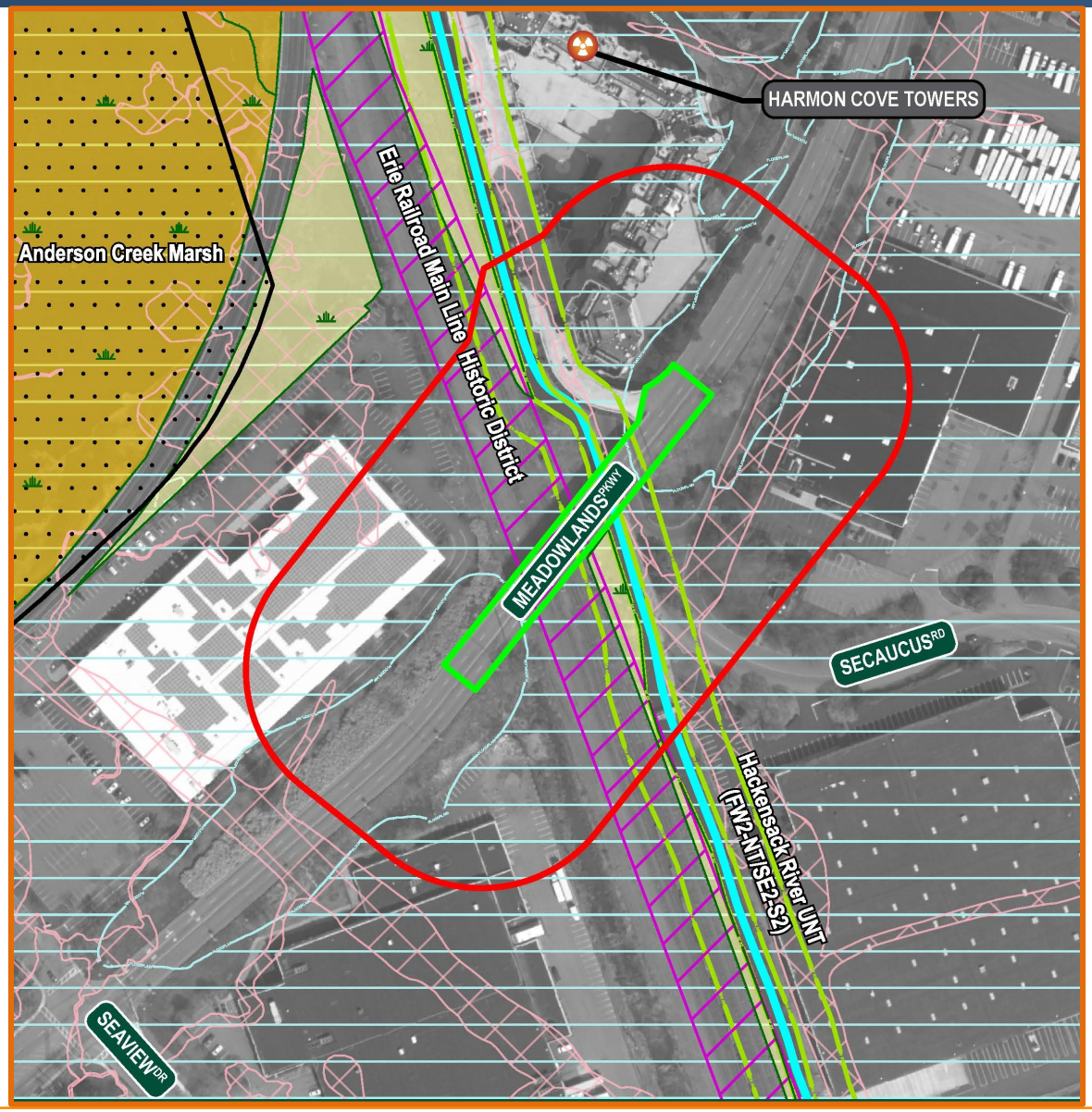
Existing Conditions – Roadway

- Major Arterial, 15,400 VPD
- 4 – 12-foot wide lanes
- No shoulders
- No sidewalks
- 30 MPH
- Roadway tangent over the bridge
- 600-foot and 1200-foot radii horizontal curves on approaches
- Existing roadway lighting on approaches and bridge
- Bus routes along Meadowlands Parkway and over bridge
  - Meadowlink EZ Ride Routes 503 and 273/273X
  - NJ Transit Routes 2, 78/378 (weekday only), and 124/129

Existing Conditions – Land Use

- Direct connection to Route 3 and indirect connection to the New Jersey Turnpike 15X Interchange and the Frank Lautenberg Rail Station.
- Mix of development including **Harmon Cove Tower and Townhomes,** Hudson Regional Hospital, Secaucus Outlet Center and various industrial / commercial development.

Environmental Constraints / Permits



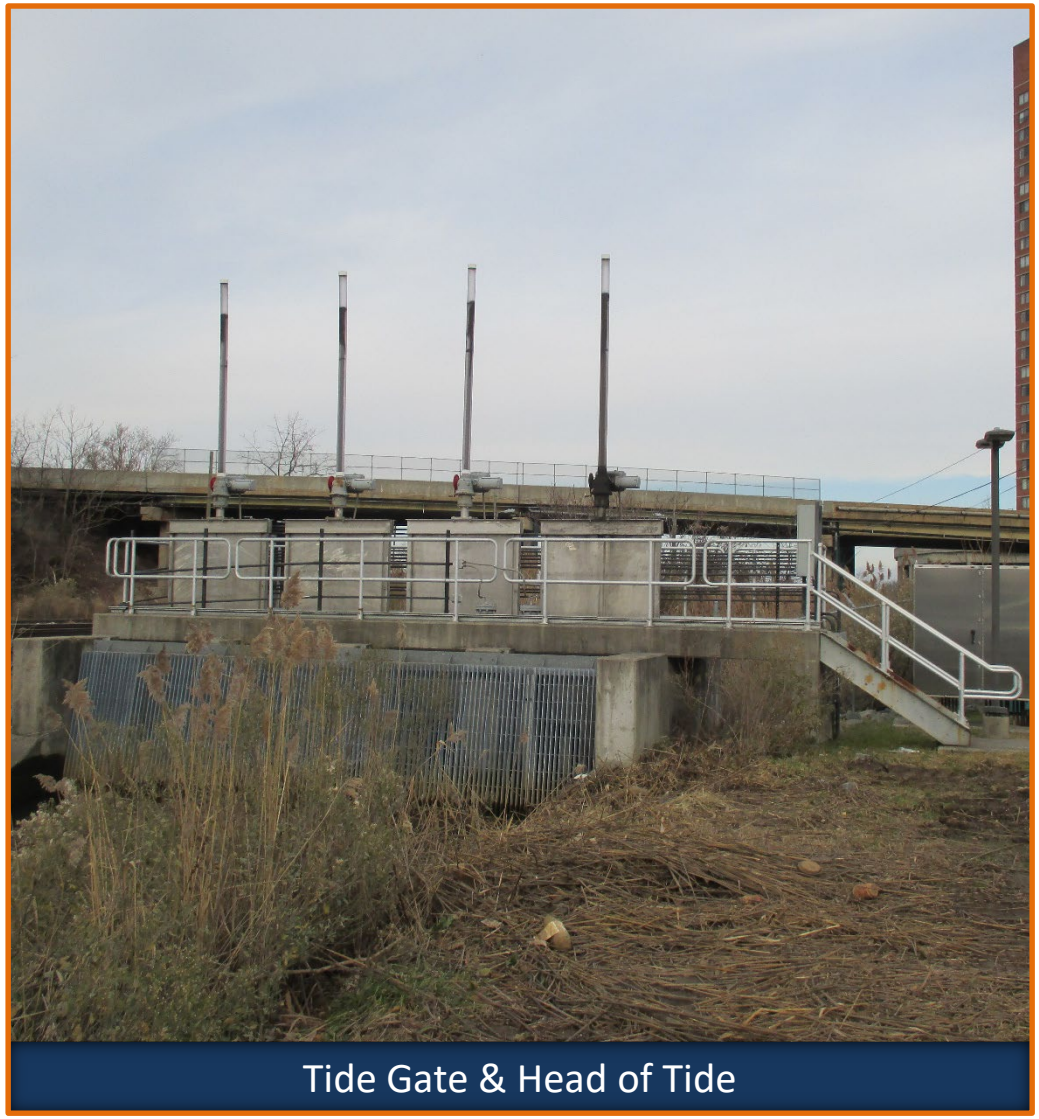
Legend

- Study Area (250–ft)
- Project Area
- Stream
- Green Acres
- NJDEP Wetlands
- Riparian Zone
- NJDEP Tidelands
- Historic District
- Known Contaminated Site (KCS)
- 100–year FEMA Floodplain
- Rank 3 Habitat
- Rank 4 Habitat

Notes: The entire project is within the Hackensack Meadowlands EPA Priority Wetlands Area. Also, the entire project is within a Natural Heritage Plant Grid with documented occurrences of T&E plant species (Floating Marsh-pennywort) whose locations are not precisely known (within 1.5 miles).

Sources: This map was developed using the most recent New Jersey Department of Environmental Protection Geographic Information System digital data (as of January 2019), but this secondary product has not been verified by NJDEP and is not State-authorized. Federal Emergency Management Agency (FEMA) County Flood Hazard Layer, a compilation of all Digital Flood Insurance Rate Map databases for Bergen County and the NJ Meadowlands. NJ. distributed by FEMA Map Service Center. Washington DC. January 2018.

Environmental Constraints / Permits



Tide Gate & Head of Tide

Hackensack River UNT (Tidal)

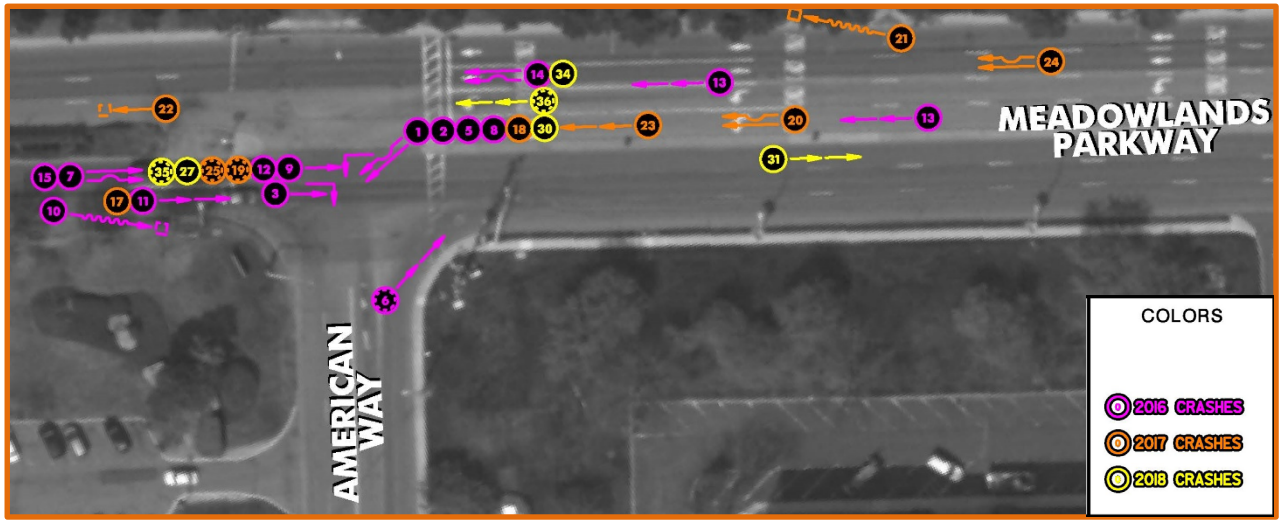
Environmental Constraints / Permits

- USACE Nationwide Permit #3 (freshwater wetlands)
- NJDEP Waterfront Development (activities below MHW)
- NJDEP Coastal Zone Consistency Determination
- NJDEP Flood Hazard Area Individual Permit (activities above MHW)
- NJDEP Tidelands Instrument(s)
- Hudson-Essex-Passaic County Soil Erosion and Sediment Control Certification
- NJPDES 5g3 Construction Stormwater General Permit

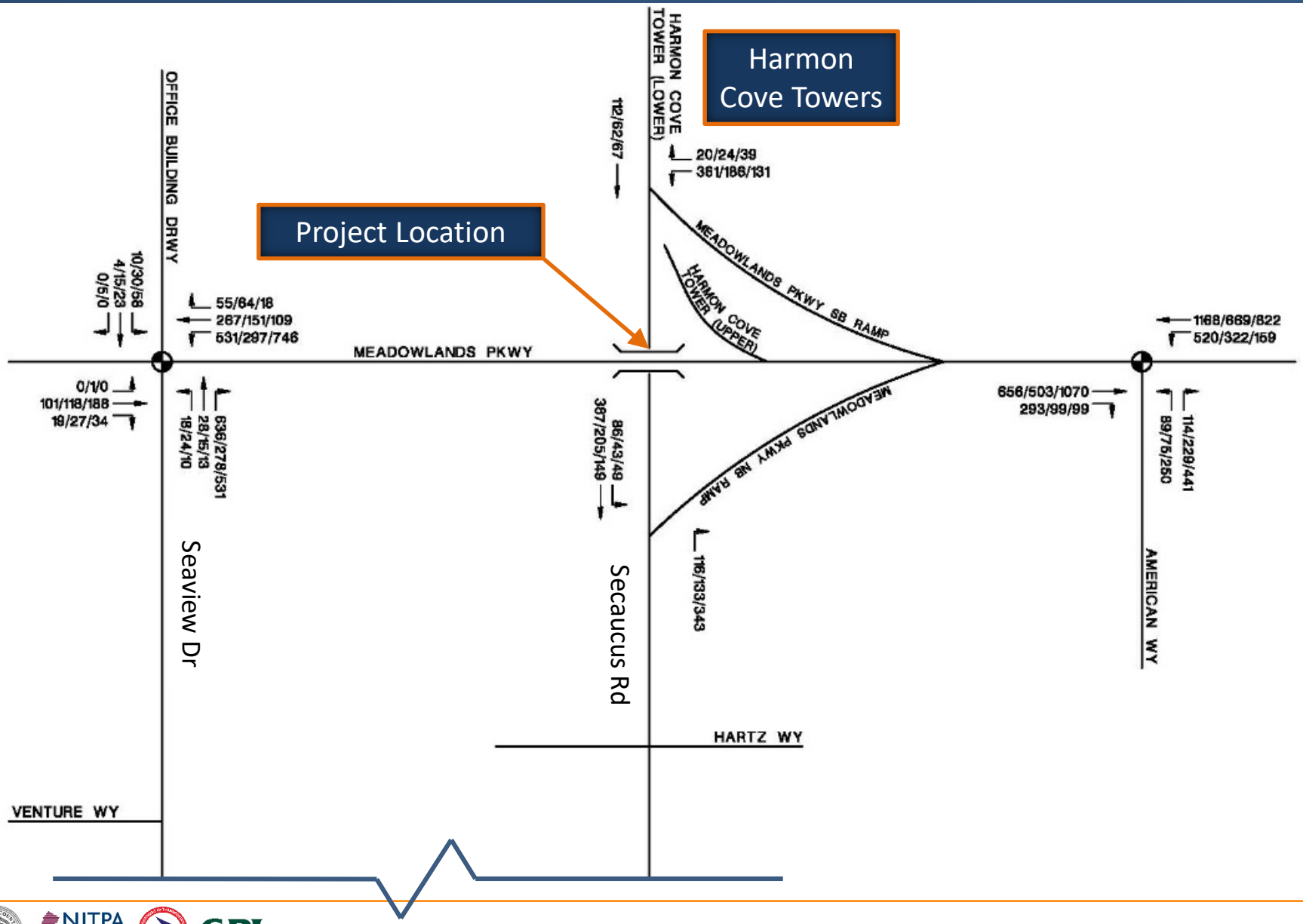
Crash Data and Analysis

Meadowlands Parkway – American Way to Seaview Drive

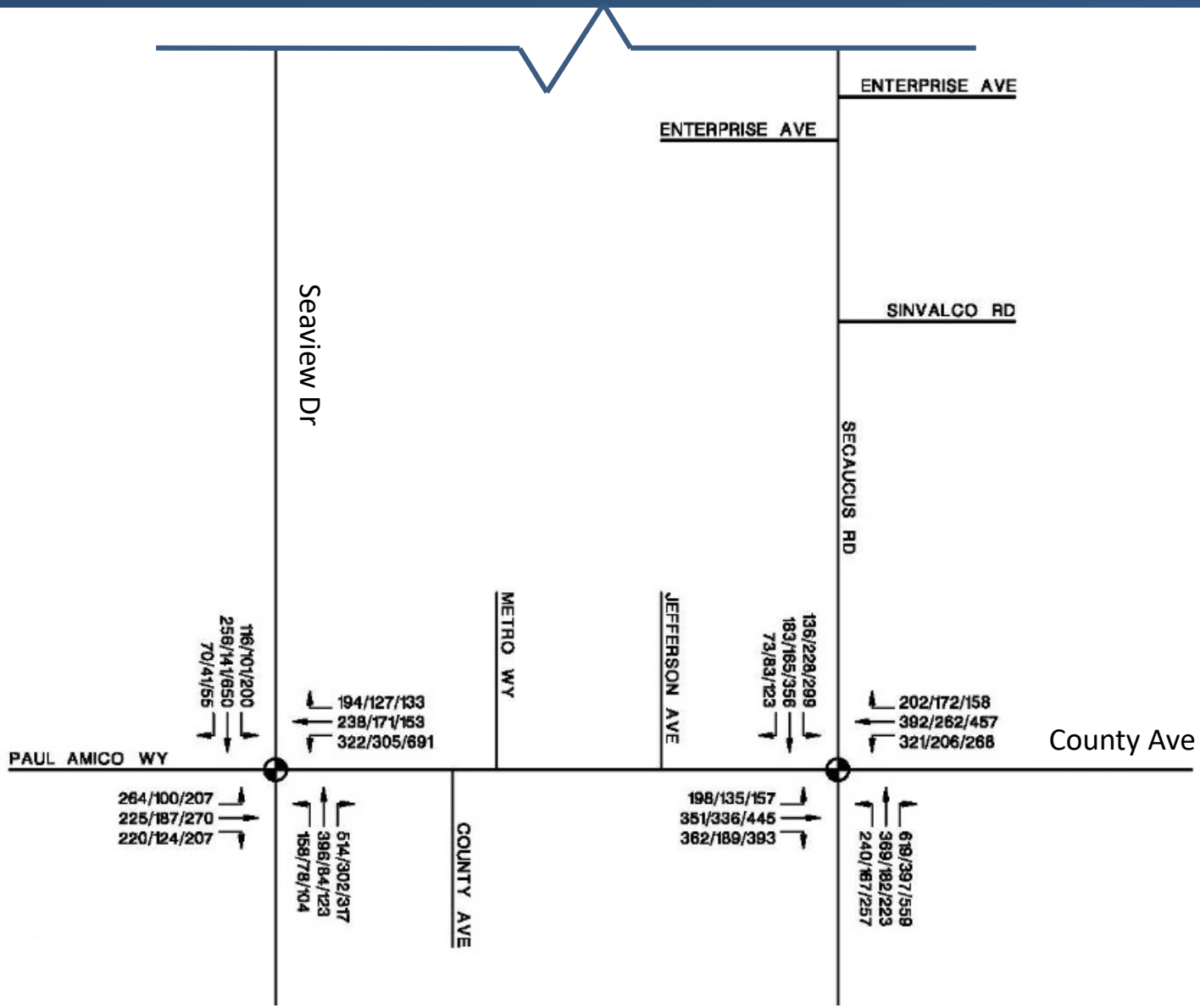
- **36 Vehicular Crashes**
  (01/01/2016 through 12/31/2018)
- **Crash Rate:** 2.85 crashes/MVM
- **Significant Overrepresentations:**
  - ✓ Same Direction - Sideswipe
  - ✓ Left Turn
  - ✓ Fixed Object
  - ✓ At Signalized Intersection
  - ✓ Dry
  - ✓ Day



Traffic Data and Analysis



Traffic Data and Analysis



Traffic Data and Analysis

Potential Detour Determinations

- Land Use – Residential, Commercial, Industrial, etc.
- Sensitive Noise Receptors
- Coordination with Local Officials and Emergency Responders / Response Times
- Adequate Roadway Geometry / Clearances for the Design Vehicle
- Reserve Capacity (Existing Traffic Data and INRIX)

Traffic Data and Analysis

Overall Intersection Level of Service and Delay for the Existing and No-Build Conditions along a potential detour route

Intersection	2019 Existing						2030 No-Build					
	AM		MD		PM		AM		MD		PM	
	LOS	Delay (sec.)	LOS	Delay (sec.)	LOS	Delay (sec.)	LOS	Delay (sec.)	LOS	Delay (sec.)	LOS	Delay (sec.)
1 - Meadowlands Parkway and American Way (Signalized)	B	16.9	B	13.5	C	24.5	B	17.5	B	13.9	C	26.3
2 - Meadowlands Parkway SB Off-Ramp and Harmon Cove Towers Drive (Unsignalized)	A	9.9	A	8.0	A	6.9	B	10.3	A	8.1	A	7.0
3 - Meadowlands Parkway NB On-Ramp and Secaucus Road (Unsignalized)	A	1.4	A	0.9	A	0.7	A	1.4	A	0.9	A	0.7
4 - Meadowlands Parkway and Seaview Drive (Signalized)	A	9.3	A	9.8	C	22.2	A	9.8	A	10.0	C	28.1
5 - County Avenue and Secaucus Road (Signalized)	D	47.8	D	36.8	F	81.7	E	56.4	D	39.9	F	95.4
6 - New County Road / Paul Amico Way and Seaview Drive (Signalized)	E	63.1	C	28.2	E	55.0	E	71.7	C	28.9	E	63.2

Stakeholder Survey Results

Community Input Survey

We need your input! Take our brief online survey at:

https://www.meadowlandsparkwaybridge.com/survey/

Tell us how you use the Meadowlands Parkway Bridge and what improvements you would like to see in the future.

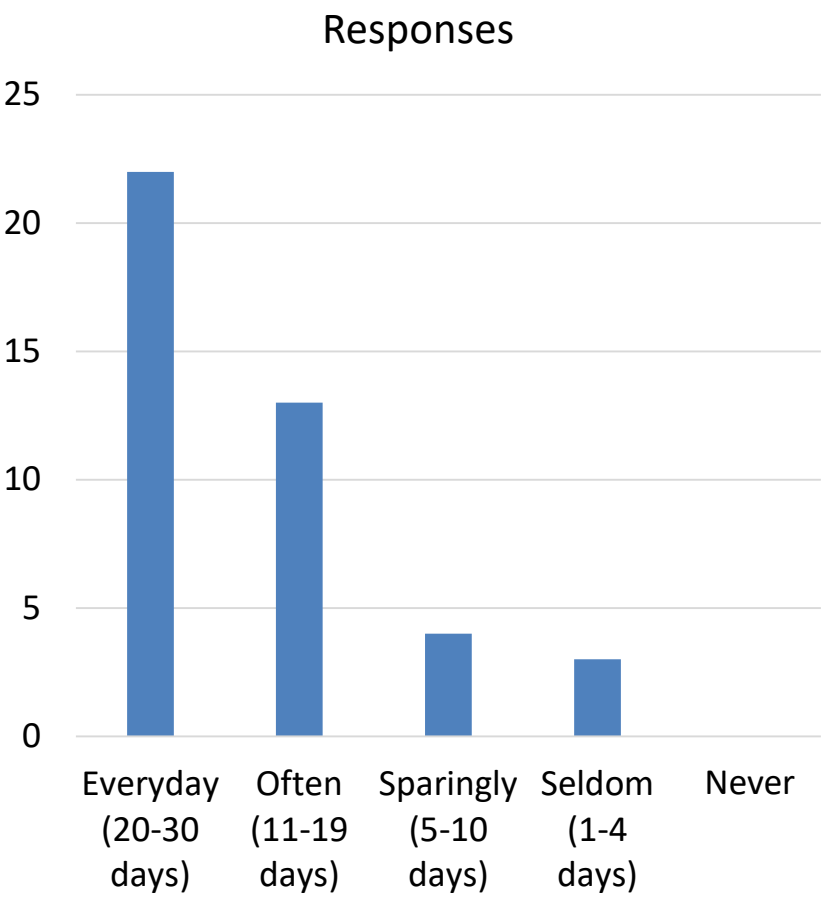
Data collected from these surveys will be used to develop potential alternatives for rehabilitating or replacing the bridge.

Please take a few minutes to share your ideas and suggestions. Your participation is greatly appreciated!

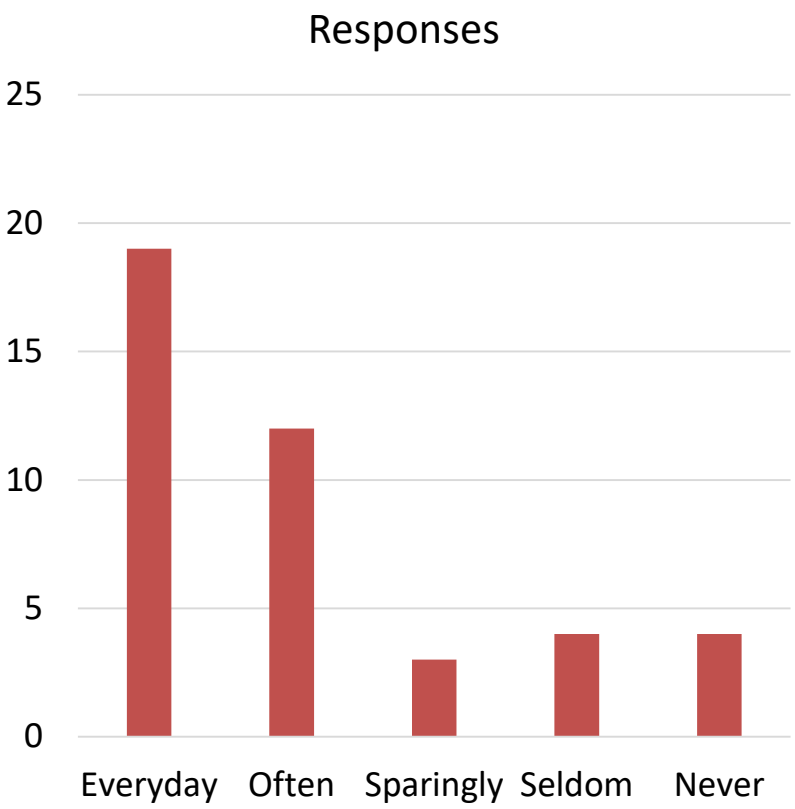
To date we have received 37 online survey responses and 5 mail-in survey responses!

Stakeholder Survey Results

Q1: How often do you use the bridge in a month?

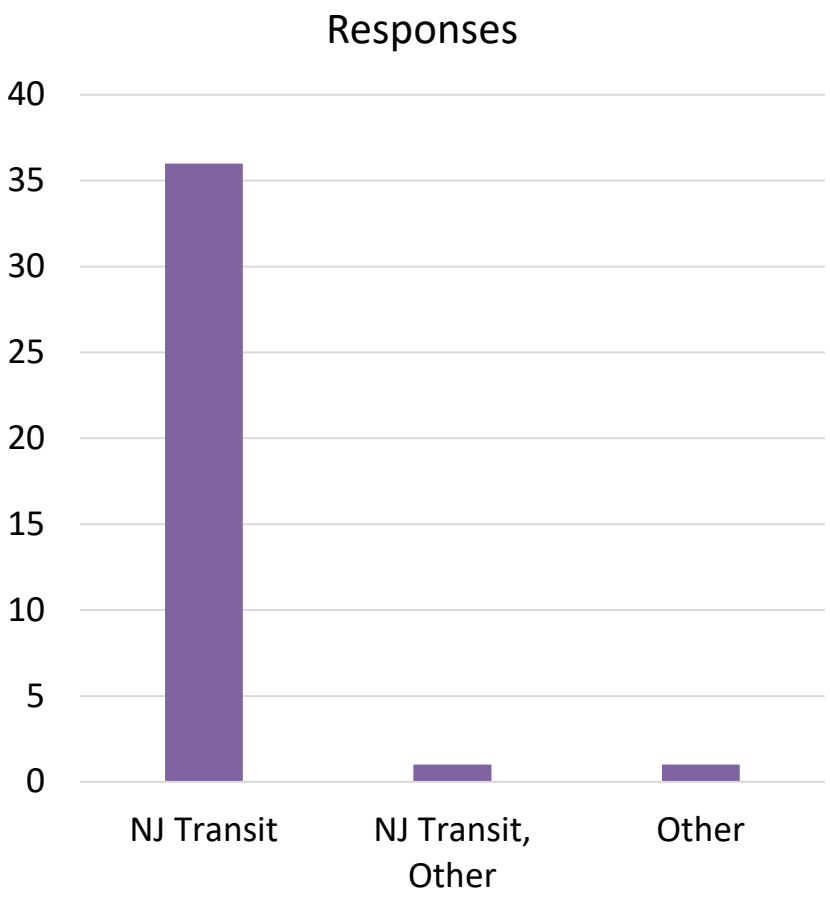


Q2: Do you use public transportation in this area?

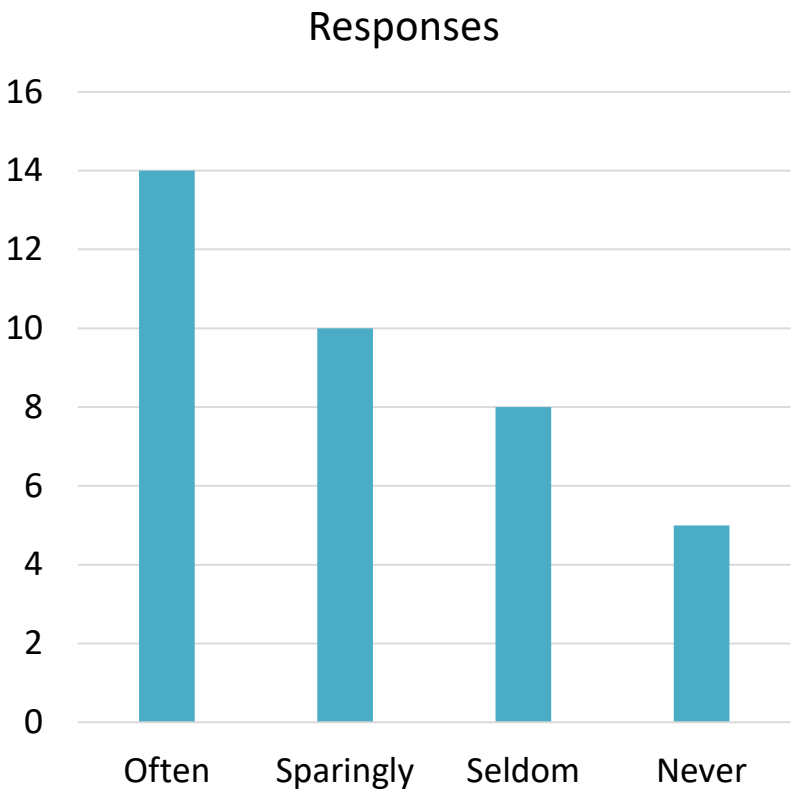


Stakeholder Survey Results

Q3: If so, what type of public transportation do you use?

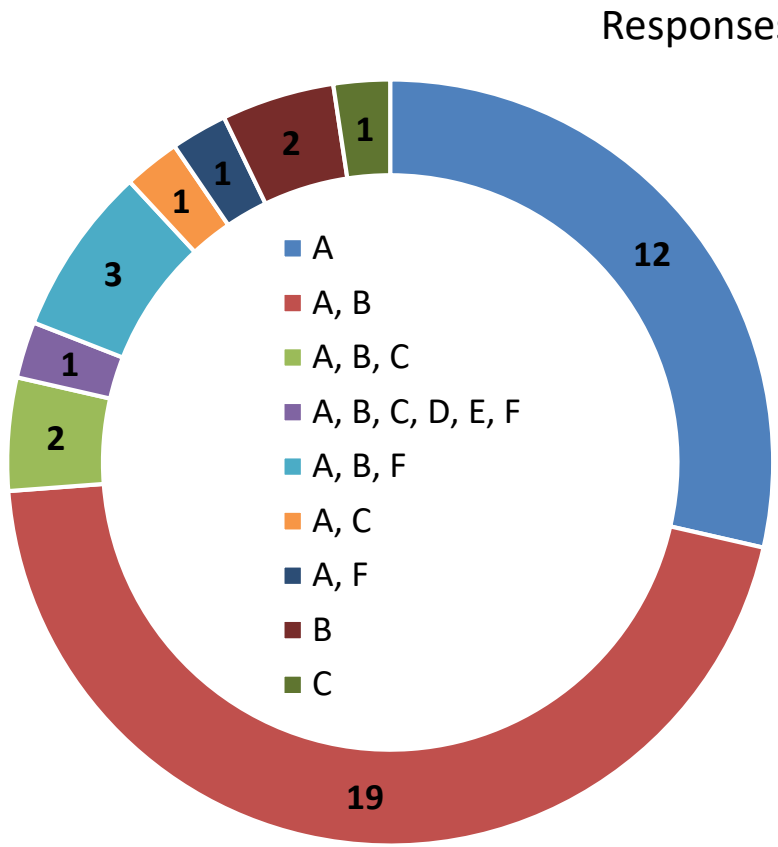


Q4: As a recreational activity, how often do you walk or ride a bike over the bridge? (online only)



Stakeholder Survey Results

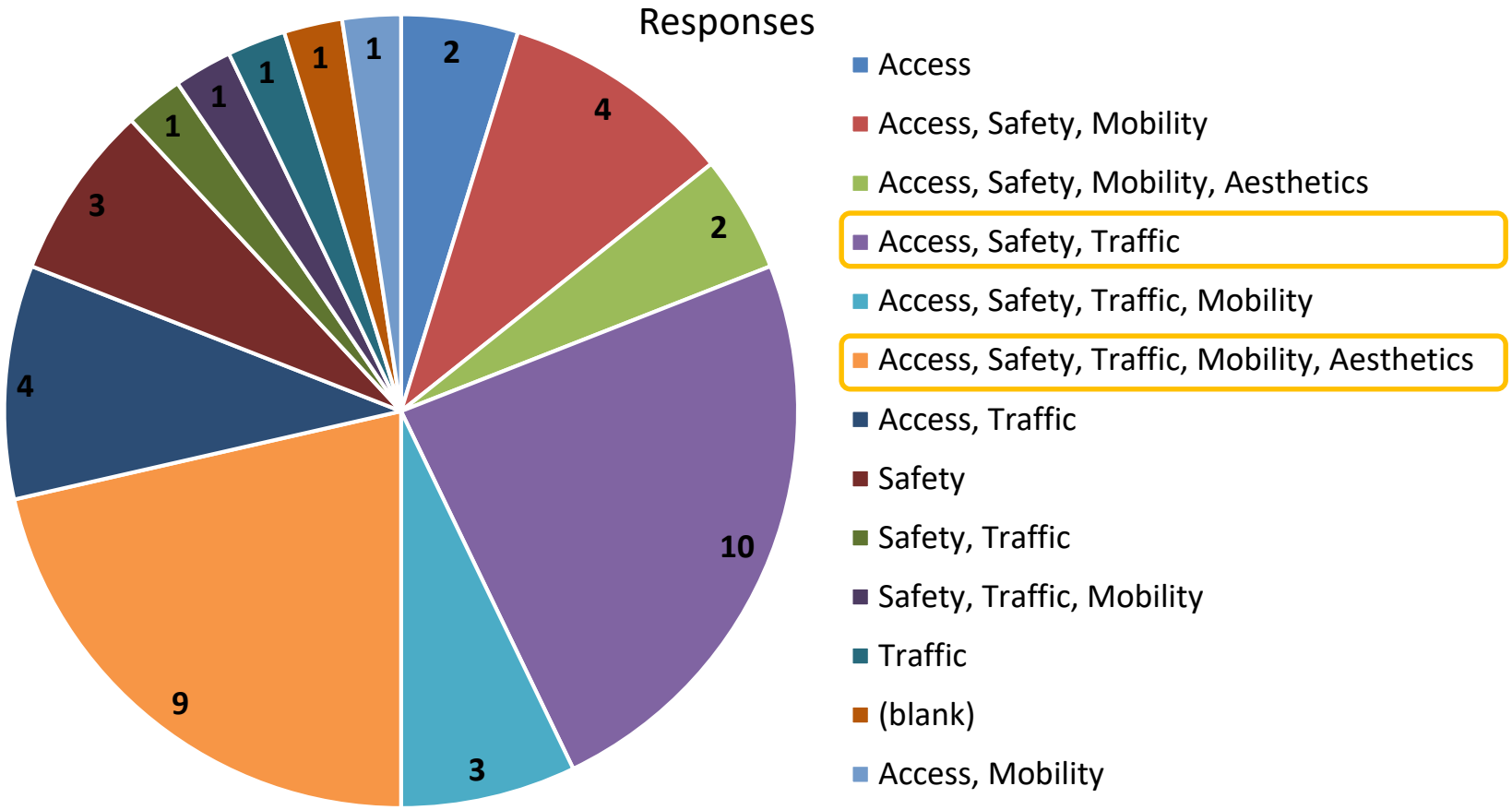
Q5: How is this study important to you - your involvement/representation? Check all that apply.



A. Resident or commuter (how do you use this bridge for travel, local or regional)
B. Type of mobility and access (local use - walking, biking, transit)
C. Economic interest (business owner, chamber of commerce member)
D. Social service provider (non-profit agency, house of worship, human resources)
E. Historic features of interest (member of historical society or organization)
F. Other

Stakeholder Survey Results

Q6: What are the key issues in the study area as you see them? Check all that apply.



Stakeholder Survey Results

- Fill In Questions 7 and 8 (14-19 people responded)
- Common Themes
  - Sidewalk on bridge
  - Bike lanes
  - Unsafe to walk or bike in existing conditions
  - Turns into/out of Harmon Cove Towers
- Possible Stakeholders
  - All Harmon Cove residents/HOA
  - NJ Transit
  - Area workers

Work Completed to Date

- Identified CSDEs and Deficiencies
- Utility Coordination
- Environmental Screening
- Stakeholder Survey Initiated
- Developed Project Website
- Developed Public Information Action Plan
- Held 1st Local Officials Meeting
- Held 1st Stakeholder Meeting

Next Steps

Public Information Center

Today!

Confirm Purpose and Need

August 2020

Alternatives Analysis

November 2020

Draft Purpose and Need

Project Purpose & Need

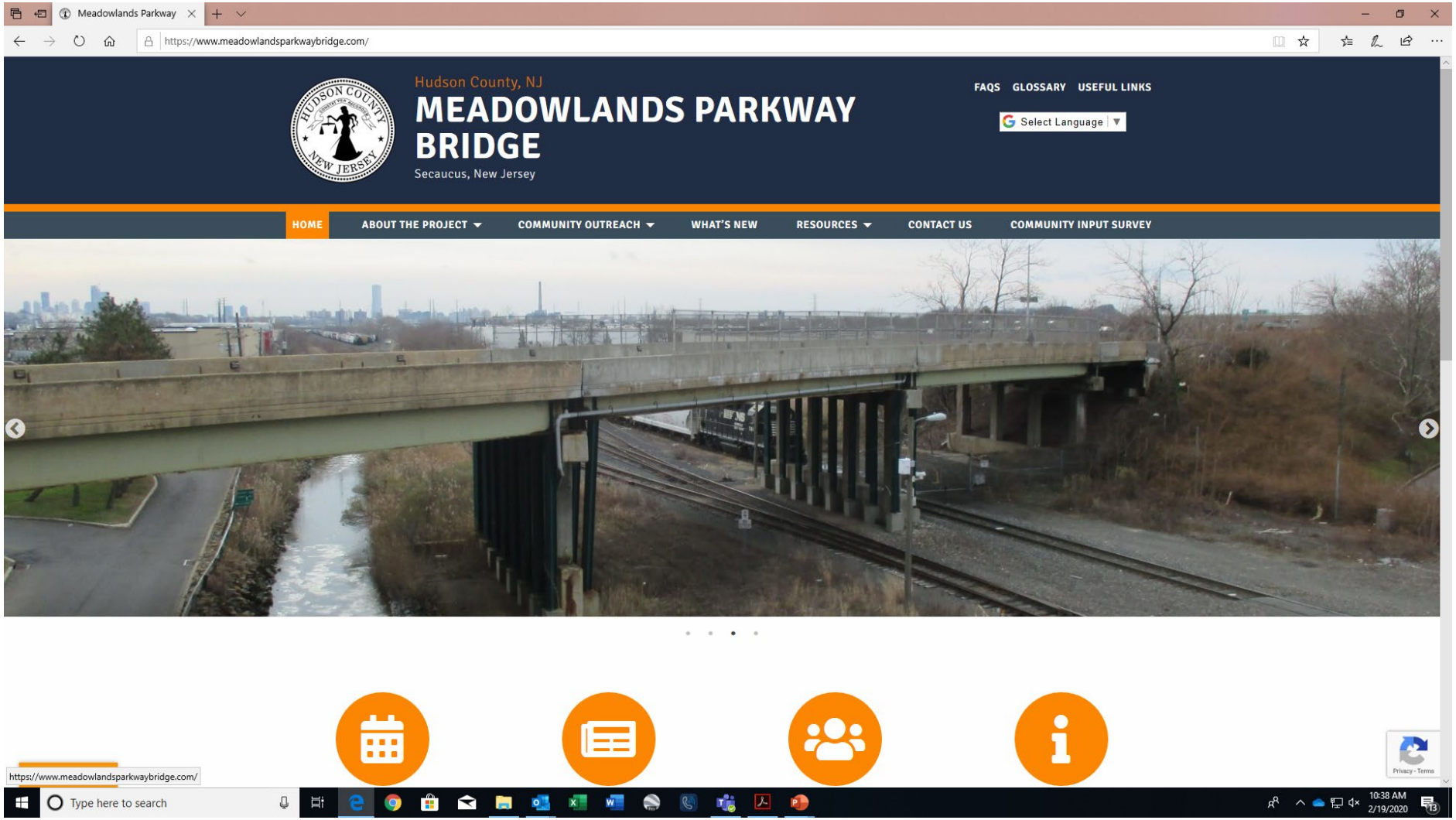
- ***Purpose:*** *Restore the structural and operational integrity of the bridge and provide a safe, efficient, and reliable crossing for all modes of transportation.*
- ***Need:***
  - ✓ *Deteriorated conditions of the substructure, superstructure and deck.*
  - ✓ *Major arterial - Direct connection to Route 3 and indirect connection to the New Jersey Turnpike 15X Interchange and the Frank Lautenberg Rail Station*

Goals and Objectives

- *Enhance bicycle and pedestrian compatibility.*
- *Avoid or minimize negative impacts to vehicular, pedestrian and bicyclist traffic during construction.*
- *Maintain the required clearances to the Norfolk Southern tracks.*
- *Avoid or minimize negative social, economic and environmental impacts.*
- *Consider the context of the project area and identify aesthetic enhancements.*

Project Website

Don’t forget to visit www.meadowlandsparkwaybridge.com and take the Survey!



Official Comments

Submit in the following ways

- Mail:
  Nicole Pace-Addeo
  Stokes Creative Group, Inc.
  1666 Route 206
  Vincentown, NJ 08088

- Email:
  npace@stokescg.com or
  tmalavasi@hcnj.us

- Webpage: www.meadowlandsparkwaybridge.com
  Select “Contact Us” on the homepage ribbon

Please submit comments by September 8, 2020

Thank you!

Questions?

Please note that we will answer questions from the chat box first followed by verbal questions.