

# RECONSTRUCTION OF EAST 78<sup>TH</sup> STREET PEDESTRIAN BRIDGE OVER F.D.R. DRIVE

Contract No. HBMC029R

**JUNE 2, 2010**





# PROJECT AREA





# AERIAL PHOTO OF EXISTING E. 78TH AND E. 81ST. STREET BRIDGES



# PUBLIC INVOLVEMENT

Previous Community Outreach Activities	
May 2, 2006	NYCDOT presentation to CB#8
October 2, 2007	NYCDOT presentation to CB#8
November 5, 2007	NYCDOT presentation to CB#8
January 8, 2008	NYCDOT presentation to CB#8
January 24, 2008	CB#8 approved bridge design

# PROJECT OBJECTIVES AND SCOPE

## **Objectives:**

- Correct structural deficiencies of the existing bridge.
- Ensure ADA compliance.

## **Scope of Work:**

- Demolition of existing bridge and approaches.
- Full reconstruction of bridge and approaches.

# FDR DRIVE LANE CLOSURE HOURS

## One Lane Closure Hours:

11:00 P.M. To 5:30 A.M. Mon. – Fri.

12:01 A.M. To 6:30 A.M. Sat.

1:00 A.M. To 11:00 A.M. Sun.

## Full Closure Hours:

15 min intermittent

Complete closure between

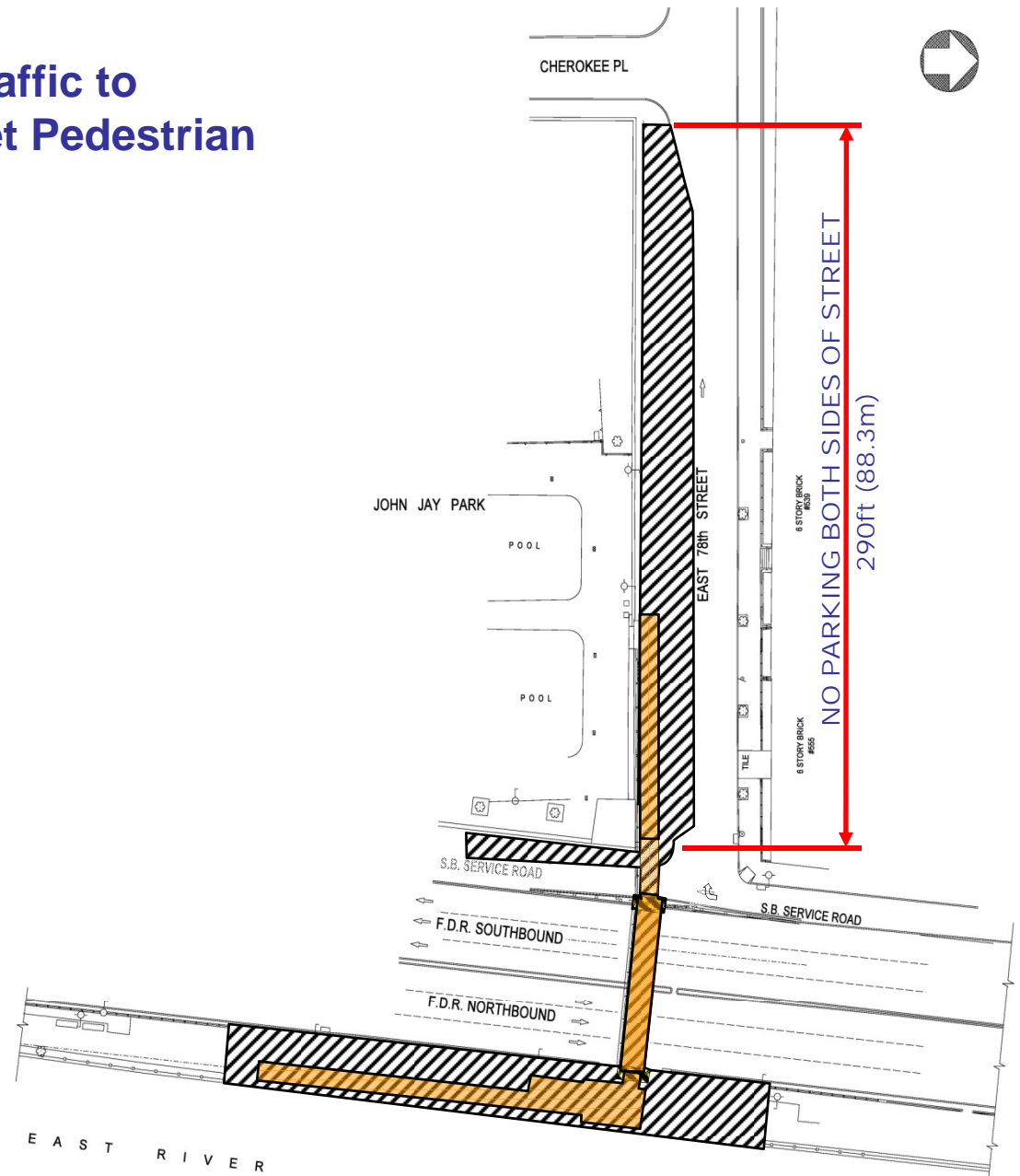
2:00 A.M. To 7:00 A.M. Sun.

# MAINTENANCE & PROTECTION OF TRAFFIC

- Redirect Pedestrian Traffic to E. 71<sup>st</sup> and E. 81<sup>st</sup> Street Pedestrian Bridges

## LEGEND

-  WORK ZONE
-  DENOTES EXISTING BRIDGE





# PEDESTRIAN DETOURS DURING CONSTRUCTION







# DEMOLITION OF SPAN OVER FDR DRIVE

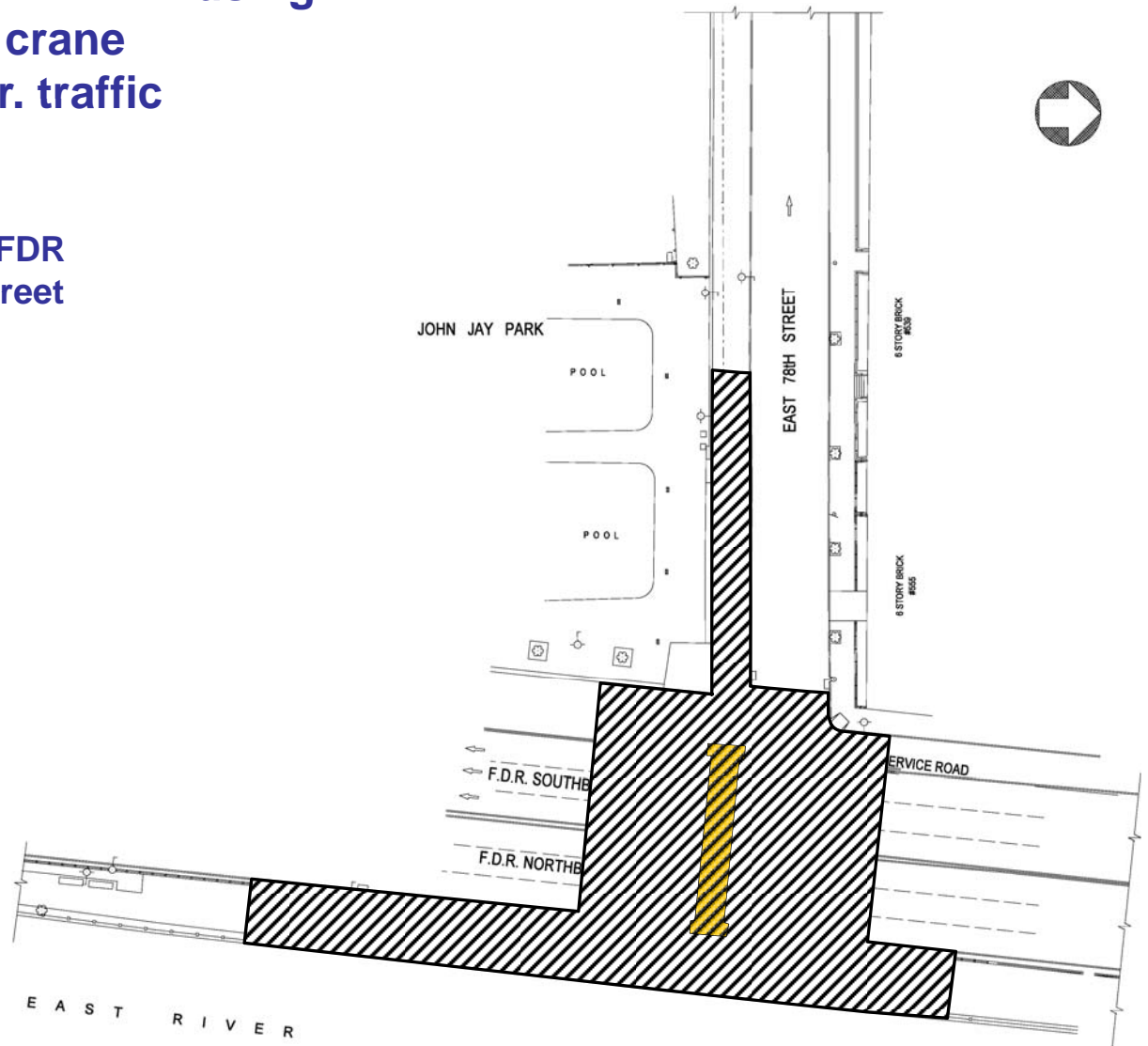
- Lift Span 3 over FDR Dr. using barge mounted crane
- Redirect FDR Dr. traffic

## Lane Closure:

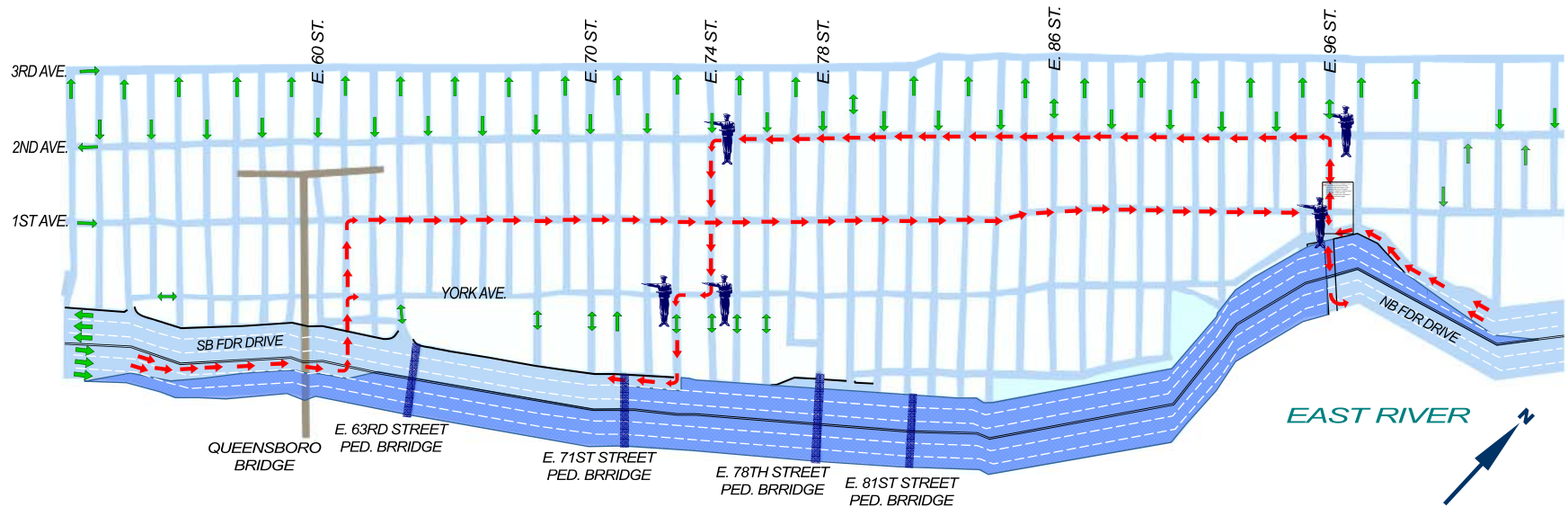
All NB and SB Lanes of FDR Drive between E. 61st Street and E. 96th Street

## LEGEND

-  DENOTES WORK AREA
-  WORK ZONE



# FDR DRIVE DETOUR PLAN



## MAINLINE FDR DRIVE TRAFFIC DETOUR VIA LOCAL STREETS

### LEGEND

- ORIGINAL TRAFFIC PATTERN
- ALTERED TRAFFIC PATTERN
- TRAFFIC ENFORCEMENT AGENT

# SCHEDULE

## CONSTRUCTION BAR SCHEDULE

TASK	MTHS	1	2	3	4	5	6	7	8	9	10	11	12	13
MOBILIZATION	4													
STAGE 1 DEMOLISH EXIST BRIDGE	2													
STAGE 2 CONSTRUCT FOUNDATIONS AND SUBSTRUCTURE	4													
STAGE 3 CONSTRUCT SUPERSTRUCTURE	3													
STAGE 4 CLOSE-OUT AND PUNCH LIST	1													

## CONSTRUCTION SEQUENCE

- NOTICE TO PROCEED (ANTICIPATED JULY 1, 2010)
- MOBILIZATION– 4 MONTHS – SHOP DRAWING PREPARATION, APPROVAL AND STEEL FABRICATION – (BRIDGE IS CLOSED TO PEDESTRIANS)
- DEMOLITION AND CONSTRUCTION – 9 MONTHS
- CLOSE-OUT AND PUNCH LIST



# PUBLIC OUTREACH DURING CONSTRUCTION

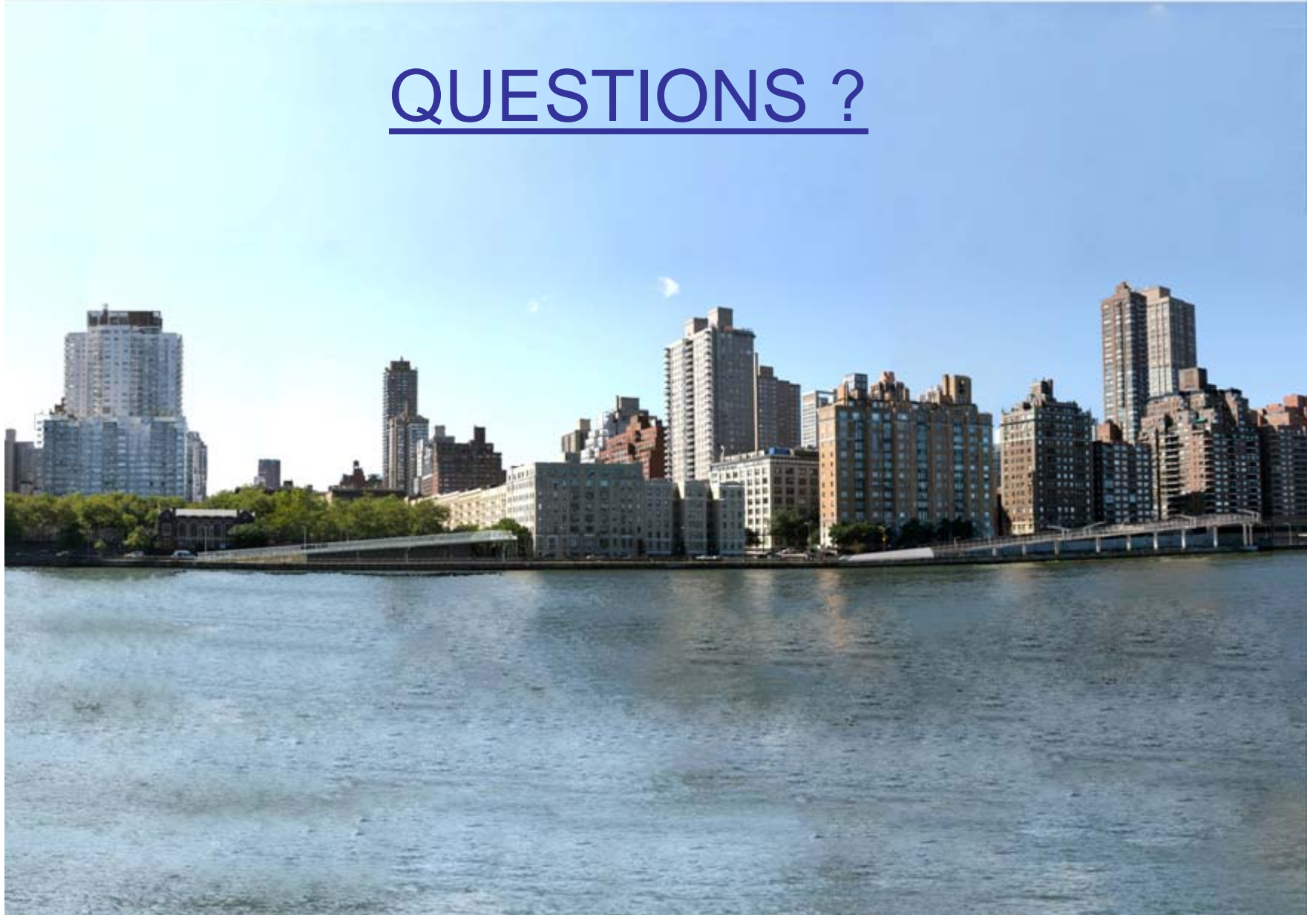
- **Traffic Enforcement Agents**
- **Community Liaison at:**
  - Email: [E.78thStBridgeReplacement2010@gmail.com](mailto:E.78thStBridgeReplacement2010@gmail.com)
  - Phone: (347) 834-7455
- **Updates to:**
  - **Community Board #8**
  - **Elected Officials**
- **Public Information**
- **Notices to Community and Local Businesses**
- **Emergency Services.**
- **NYCDOT Website**

# PROPOSED PHOTO RENDERING OF E. 78TH AND E. 81ST. STREET BRIDGES



# PROPOSED PHOTO RENDERING OF E. 78TH AND E. 81ST. STREET BRIDGES

QUESTIONS ?





# PROPOSED PHOTO RENDERING OF E. 78TH AND E. 81ST. STREET BRIDGES

For questions or comments

Please contact the Community Liaison at:

Email: [E.78thStBridgeReplacement2010@gmail.com](mailto:E.78thStBridgeReplacement2010@gmail.com)

or Phone: (347) 834-7455

