



# 30<sup>th</sup> Street Viaduct Rehabilitation Project

*Virtual Public Open House*  
June 13, 2024



City of  
**Philadelphia**



# Welcome to the Virtual Presentation and Q&A Session!

- We are using Zoom Meeting to facilitate transparent communication
- Please keep your line muted until you would like to speak.
- **This web meeting is being recorded for internal use only.** It will **NOT** be distributed.
- VIDEO - You are welcome to turn on your camera.
- AUDIO - You should be connecting to the meeting audio either through your computer or phone.
- Questions with the audio or web? Please contact Esther via the Chat Box or email ([ekleit@kmjinc.com](mailto:ekleit@kmjinc.com)).





# Virtual Meeting Procedures

## **Purpose of this Meeting**

- Provide a constructive environment to communicate about the project
- Provide information about the proposed improvements
- Answer your questions about the project

## **Due to limited time and in consideration of all attendees:**

- Please keep your questions/comments on topic
- Similar questions may be combined during the Q&A session
- Inappropriate questions or comments, may not be addressed
- Disruptive attendees may be removed

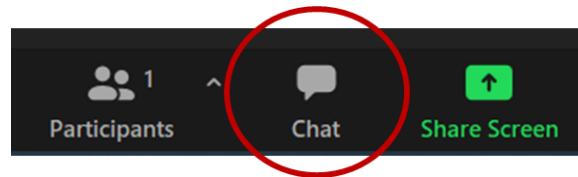


# Primary Method to Ask Questions



## IN THE CHAT BOX

- You may ask a question using the chat box. Click on the chat icon at the bottom of your screen
- The chat box will be monitored and questions will be answered verbally either at appropriate breaks or at the end of the meeting
- Some questions from the CHAT Box may be combined

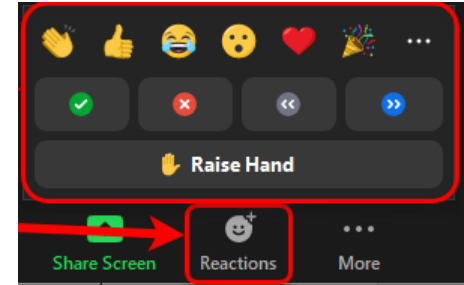


# Additional Way to Ask Questions



## VERBALLY

- **Please “raise your hand” to be recognized.**
  - On a computer - click on the reactions button at the bottom of the screen then select the “Raise Hand” button
  - On the phone - press \*9
- **To mute/unmute your microphone**
  - Using a computer, click on the microphone icon on the bottom left of the screen.
  - Using a phone, press \*6 or the mute button
- **Please give your name before asking your question**
- **Keep your line muted when not asking a question**
- Your line may be muted if there are excessive sounds from your line





# Introductions

## Project Team

- COP Department of Streets - Project Manager
- HDR Engineering, Inc. - Design
- KMJ Consulting, Inc. - Outreach & Traffic Analysis
- Sowinski Sullivan - Aesthetic Renderings





## The Project Team has been coordinating with the following Property Owners/Managers

- Amtrak
- AFSCME
- Brandywine Realty Trust
- Drexel University
- EVO
- IRS
- Landmark Philly
- SEPTA
- Spark Therapeutics
- US Postal Service
- University City District
- University of Pennsylvania





# Agenda

1	Welcome
2	Meeting Purpose
3	Project Overview
4	Project Status <ul style="list-style-type: none"><li>• Work to Date</li><li>• Proposed Improvements</li><li>• Construction Staging, Traffic Control &amp; Timing</li></ul>
5	Next Steps
6	Q & A Session







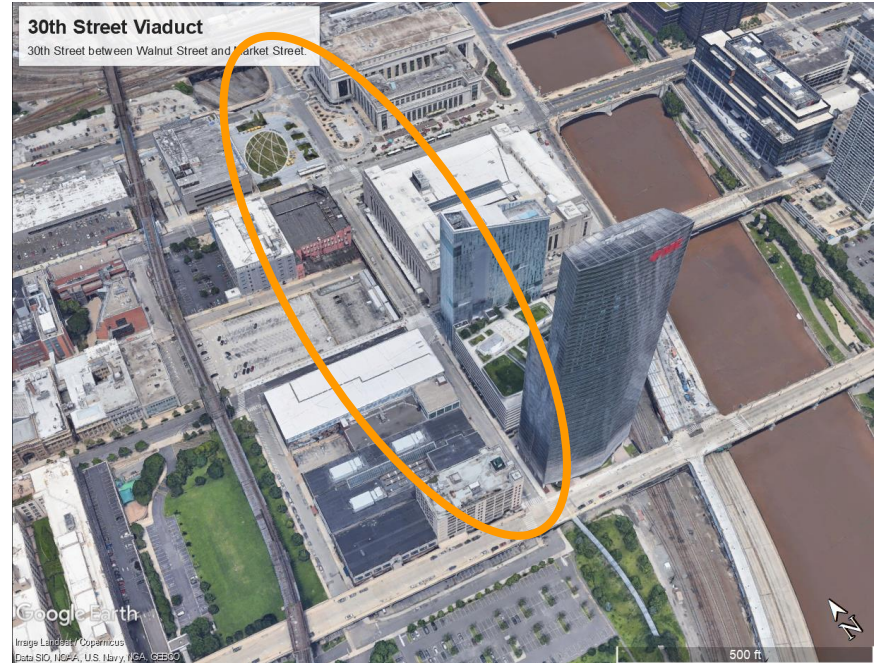
# Opening Polls:

1. How are you accessing the meeting today?
  - A. Computer
  - B. Tablet
  - C. Cell phone
  - D. Other (please add into the Chat box)
  
2. How did you learn about this meeting?
  - A. Community group Email/newsletter
  - B. Property Owner or Manager
  - C. City of Philadelphia social media
  - D. Word of mouth
  - E. Other (please type in the Chat with the poll #)
  
3. What is your zip code?



# Meeting Purpose

- Provide a project status update
- Review the planned improvements
- Discuss traffic control plans (at a high level)
- Answer your questions
- Present the next steps





# Project Overview



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# Project Purpose

Ponding and  
Drainage  
issues



## Current Condition of Viaduct



Deck is saturated, steel is rusted and the structure is deteriorating





# Project Background and Purpose



- Project Location/Limits
  - 30<sup>th</sup> Street (Upper and Lower) between from Market Street to Chestnut Street and from Chestnut Street to Walnut Street
  - Limits extend from building line to building line including both the roadway and sidewalks
- Current Condition
  - Viaduct is 90+ years old and is currently in poor condition
  - Weight restriction recently added
- **Project Purpose**
  - **Replace the deck and perform structural steel repairs/replacements on the 30<sup>th</sup> Street Viaduct structure**
  - **Extend the service life of the Viaduct and improve safety along 30<sup>th</sup> Street**





# Project Status



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## Work To Date

- Conducted the Inspection
- Prepared and submitted Concept Level Plans for
  - Deck Replacement and Structure Rehabilitation
  - Intersection plans
  - Construction staging and traffic control plans



# Proposed Improvements

## Upper 30<sup>th</sup> Street

- Changing from bike lanes on each side of the street to a two-way cycle track on the westside on 30<sup>th</sup> Street
- Adding bike phase to the intersection of 30<sup>th</sup> Street and Walnut Street to accommodate the cycle track



Looking south on 30<sup>th</sup> Street from Market Street







# Proposed Improvements

## **Lower 30<sup>th</sup> Street**


- Perform structural steel repairs
- Encase the bottom of the columns with concrete for added protection
- Improve drainage



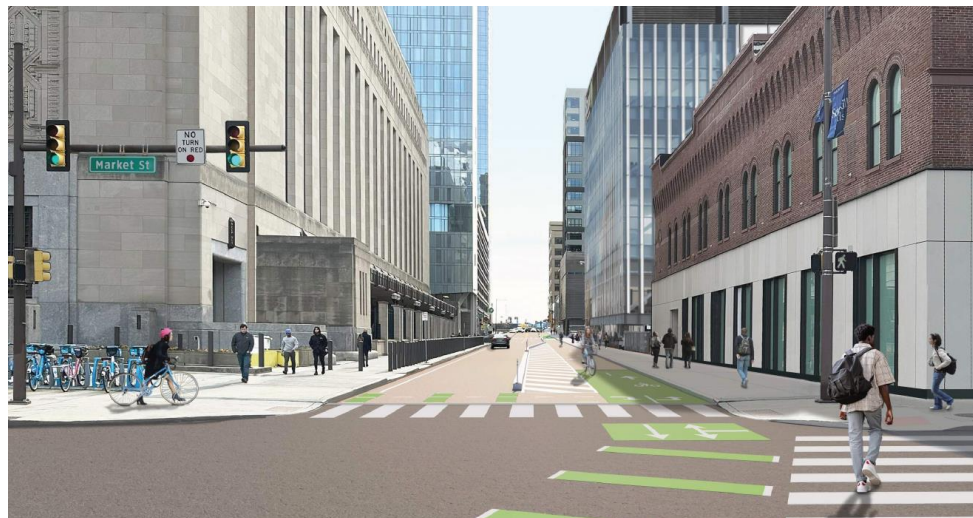
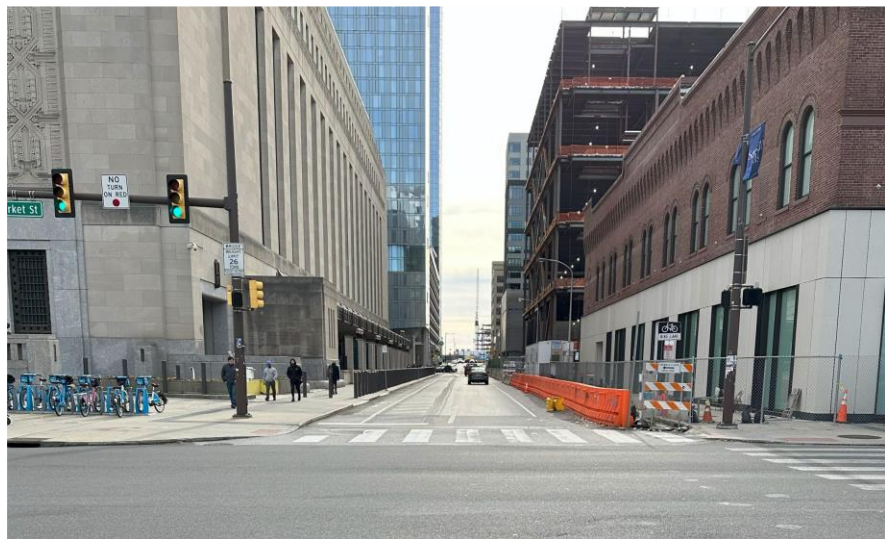


# Proposed Improvements





# Looking south on 30<sup>th</sup> Street from Market Street



Proposed Improvements

Existing Conditions

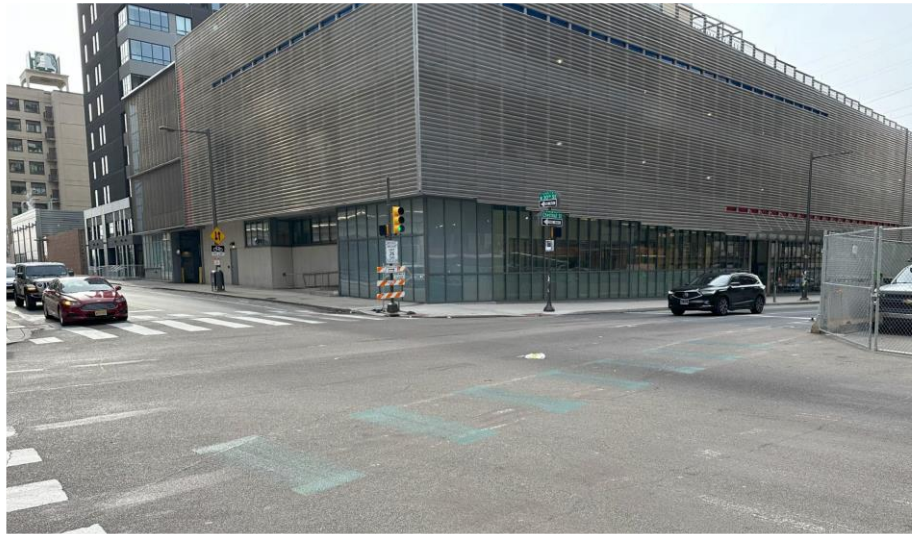




# Looking southwest at 30<sup>th</sup> Street & Chestnut Street



Proposed Improvements



Existing Conditions






Looking south on  
30<sup>th</sup> Street just south  
of Chestnut Street



Proposed Improvements

Existing Conditions

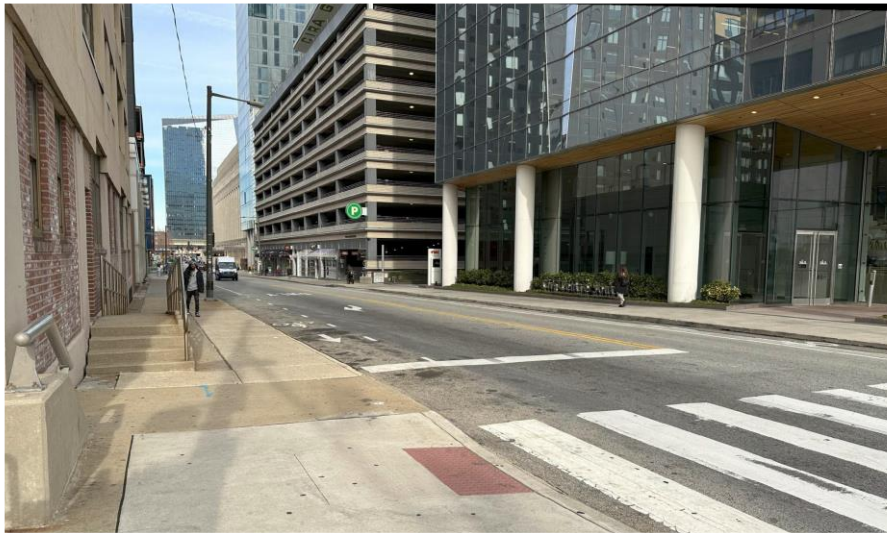




# Looking north on 30<sup>th</sup> Street from Walnut Street



Proposed Improvements



Existing Conditions





# Looking west on Walnut Street at 30<sup>th</sup> Street



Proposed Improvements



Existing Conditions





# Construction Staging

- Primary goal is to minimize impacts to building access







# Construction Staging & Traffic Control

- **Upper 30<sup>th</sup> Street:**
  - Traffic will be detoured while local access is maintained for pedestrians, cyclists, and vehicles, for critical property access points.
- **Lower 30<sup>th</sup> Street:**
  - A single lane of traffic will be maintained with some scheduled outages during key construction activities.
- The City/Design Team will coordinate with individual property owners, in the coming months, to establish their peak hour access requirements.
- *This approach will save a year of construction time and cause less impacts (compared to half-width construction)*





# Anticipated Construction Timing

- Construction is anticipated to begin in 2027, following the PennDOT's Market Street Bridge Rehabilitation project
- City of Philadelphia will be minimizing construction projects in 2026 due to the USA 250<sup>th</sup> Anniversary and large sporting events (FIFA World Cup, MLB All-Star Game, PGA Championship)





# Next Steps



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# Next Steps

## City Project Team

- Finalize the preliminary design
- Coordinate with individual property owners as needed
- Present the project at an upcoming Art Commission Meeting

## Property Owners/Managers

- Coordinate with the City Project Team to review the anticipated impacts during construction for their specific access points

## Public

- Submit questions related to the project to [30thstviaduct@phila.gov](mailto:30thstviaduct@phila.gov).





# Q & A Session



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Questions?





Thank you!

## Contacts

### **COP Streets Department**

- Ryan Sen, Acting Chief Bridge Engineer
- Mark Washington, Chief Design Engineer
- [30thstviaduct@phila.gov](mailto:30thstviaduct@phila.gov)

### **HDR Engineering, Inc.**

- Mark McShea, Project Manager

### **KMJ Consulting, Inc.**

- Joanna Reagle, Outreach

