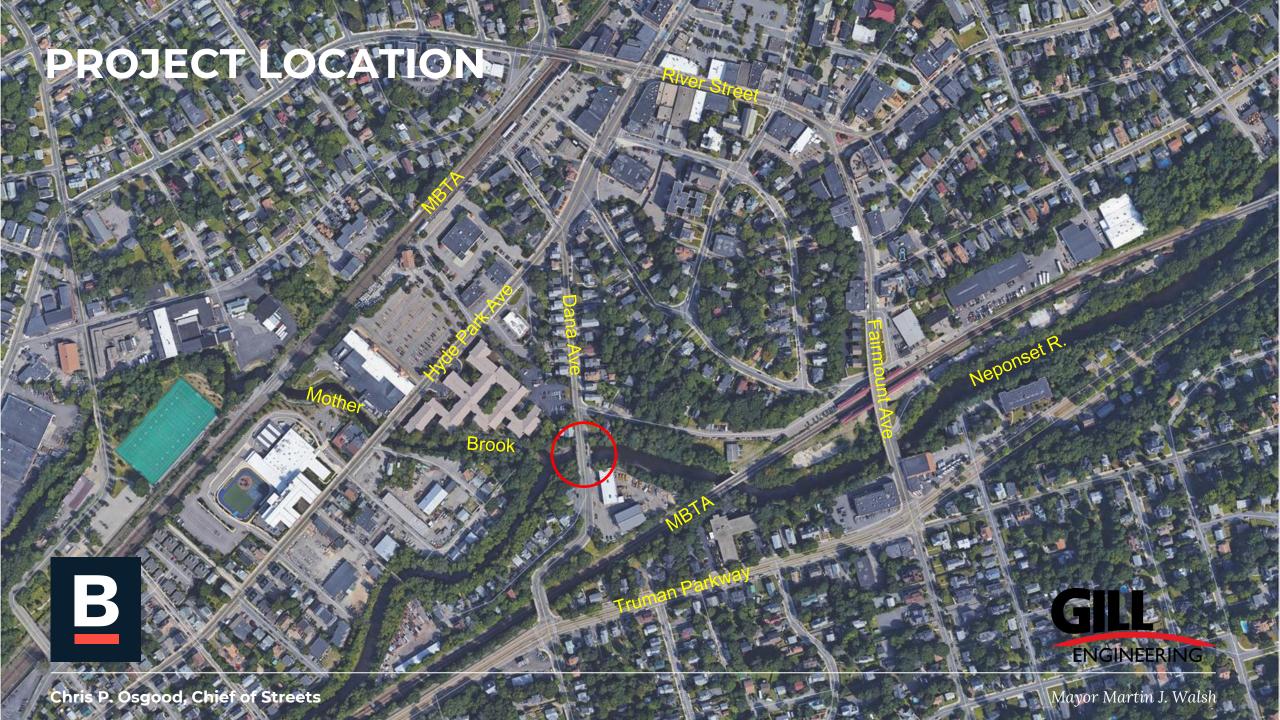


AGENDA

- Welcome and Introductions
- Where is the project taking place?
- Why is this project being undertaken?
- How will the project be built?







PROJECT GOAL AND APPRAOCH





Why is this project being undertaken?

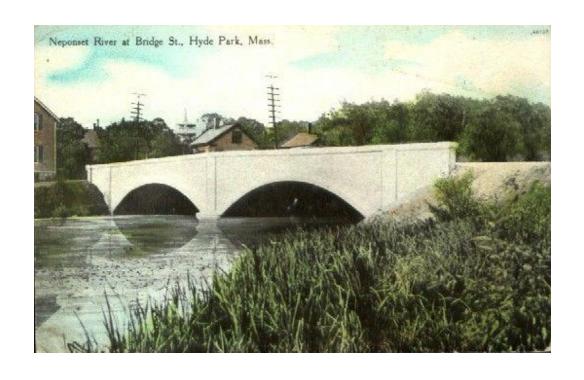
- BRIDGE IS SAFE
 - but -
- Superstructure has exceeded its useful life





PROJECT GOAL AND APPROACH

- Existing Structure 2 span arch bridge
- Selected Replacement
 - New Precast Concrete Arches and walls
 - Reuse Existing Bridge Foundations
- Accelerated/Rapid Const
 - Limit disruption(s)
 - Get in, Get out, Stay out



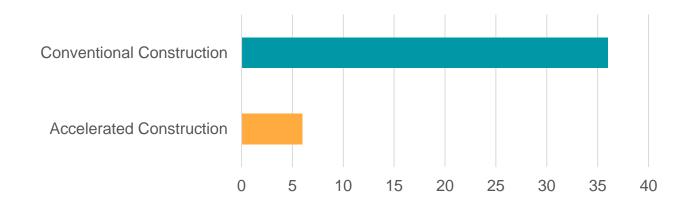




PROJECT GOAL AND APPROACH

• How will the project be built?

- Bridge will be constructed using accelerated bridge construction techniques
- 6 months accelerated versus 36 months conventional
- Includes a 7 week shutdown of Dana Ave







ANTICIPATED TIMELINE

- Finalize Design and Advertise December 2018
- Award Construction Contract March 2019
- Begin Construction May-June 2019
 - Prep Work
 - Install Temp Pedestrian Bridge
 - Utility shutdown/removal
- Close Bridge July 8, 2019
 - Demolish Existing Bridge Superstructure
 - Install new Bridge
- Reopen Bridge August 25, 2019
- Finalize construction activities –October 31, 2019





ANTICIPATED TIMELINE

DANA AVE SCHEDULE

Advertise December 21 2018 Bids Opened January 25, 2019 NTP March 2019 Dana Ave Shutdown July 8, 2019 Dana Ave Reopened August 26, 2019

Advertising / Bid Development Bids Opened / Contract to NTP Contractor Procurement / Early work Dana Ave Shut Down / Replace Bridge Complete Construction

Contract Completion October 31, 2019

January

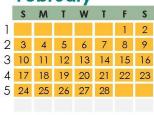
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5	20	21	22	23	24	25	26
1	27	28	29	30	31		

April



October										
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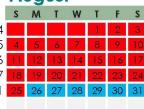
February





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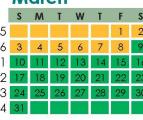




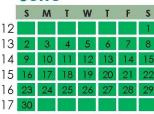
November

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March



June



September

	1000						
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December

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8	9	10	11	12	13	14
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29	30	31				



EXISTING CONDITIONS

Traffic Volumes

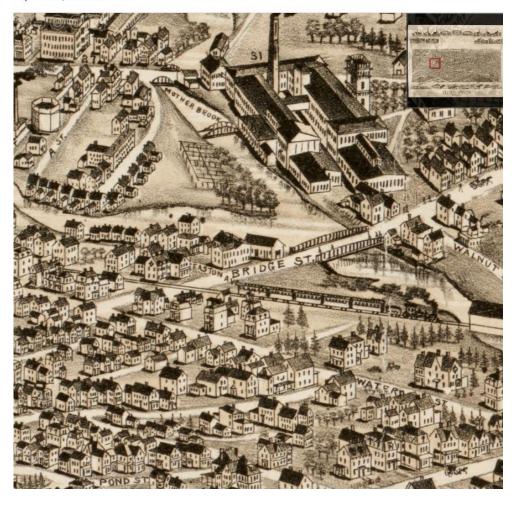
- 9,000 Vehicles Per Day
- Peds, Bikes, Parking
- Recreation, river

Direct Abutters

- Boston EMS, PWD
- Residences









CONSTRUCTION ACTIVITIES

What happens before closure

- Prep Work
- Temporary Pedestrian Bridge



- Demolition
- Install Precast Arches
- Construct walls and
- Construct roadway & sidewalk

After bridge opens to traffic

- Remove temporary bridge
- Restore project site









IMPACTS TO TRAFFIC/PEDESTRIANS

Before closure – time frame

- Maintain pedestrian traffic with at least one sidewalk open at all times
- Traffic shifted during pedestrian bridge preparation
- Temporary Lane Closures during working hours
 Full bridge closure not anticipated during prep stage
- Gas Service to be Maintained through construction
- River to be open, except starting two weeks before, during the bridge closure, until possibly two weeks after
 - *As soon as passage is safe for boaters*





IMPACTS TO TRAFFIC/PEDESTRIANS

During closure – time frame

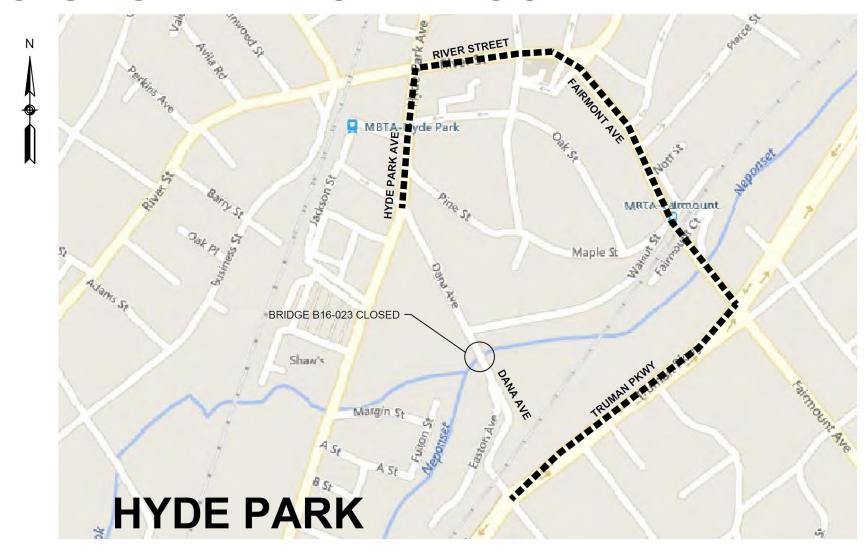
- Vehicular traffic detoured
 - Lowest traffic volumes during the summer
 - Traffic signals on detour route will be monitored and adjusted by contractor if required
- Maintain pedestrian traffic at all times via adjacent temporary pedestrian bridge
- River closed under both arches for safety







IMPACTS TO TRAFFIC - DETOUR







RIGHT OF WAY

No Right of Way takings Or Temporary Easements are anticipated









ADVANTAGES OF PROJECT COMPONENTS

Bridge Type

- Arches similar to existing shape
- Able to utilize existing footings
- Precast construction allows accelerated installation

Approach to execute the project

- Greatest latitude for construction operations
- Flexibility for crane, equipment and material staging
- Construction and hoisting operations occur away from traveling public
- Least impact to users
- Maintains pedestrian access at all times
- Retains existing substructures
- All work within existing right of way (ROW)





PROJECT CONTACT INFORMATION

Benjamin Sun, P.E.
City of Boston Public Works Department

benjamin.sun@boston.gov

617-635-4968

or

Preston A. Huckabee, P.E.

Gill Engineering Associates, Engineering Consultant

Huckabee@gill-eng.com

781-355-7100





