CITY OF BUFFALO • DEPARTMENT OF PUBLIC WORKS

MAIN ST/HUMBOLDT PKWY/KENSINGTON AVE INTERSECTION IMPROVEMENTS

This public information meeting will begin shortly after 6pm.

Before the meeting, use the “chat” button on the bottom of your screen to introduce yourself and any group(s) you are representing, such as a block club or nearby organization.

Wednesday, January 20, 2021
MEETING TOPICS & SPEAKERS

1. Welcome ........................................... Michael J. Finn, P.E., Commissioner, Dept of Public Works

2. Project Background .............................. Nolan R. Skipper, P.E., City Engineer, Dept of Public Works

3. Existing Conditions .............................. Daniel T. Borcz, P.E., C&S Engineers, Inc. – Buffalo

4. Proposed Improvements ....................... Daniel T. Borcz, P.E., C&S Engineers, Inc. – Buffalo

5. Meeting Summary + Q&A ..................... Previous Speakers & Additional Design Team Members:
   Tom Duk, Senior Engineer, Dept of Public Works
   Julie Fetzer, Senior Engineer, Dept of Public Works
   Seth D. Kaeuper, P.E., C&S Engineers, Inc.
VIRTUAL MEETING FORMAT

• Attendees are in “listen only” mode to reduce background noise.

• Please type questions for the presenters into the Q&A. The Q&A will be monitored throughout the meeting and questions answered at the end.

• Provide project feedback in the meeting chat. Comments provided here will be recorded and evaluated by the design team after the meeting.

• Q&A and comments that are not project specific will be referred to the Division of Citizen Services 311 line

• Meeting materials will be posted on the project webpage in the coming days: www.buffalony.gov/MHK
PROJECT BACKGROUND: LOCATION

• The intersection of:
  • Main St
  • Humboldt Pkwy (NB & SB)
  • Kensington Ave

• Includes 5 major conflict points:
  • 3 existing traffic signals
  • 1 existing all-way stop
  • 1 existing stop sign where cross traffic does not stop
PROJECT BACKGROUND: CURRENT STATUS

- Need: Ongoing
- Concept: Summer-Fall 2021 (anticipated)
- Fund: Summer-Fall 2021 (anticipated)
- Design: Summer-Fall 2021 (anticipated)
- Build: Summer-Fall 2021 (anticipated)
- Maintain: Ongoing

PROJECT LOCATION: AMHERST ST
PROJECT BACKGROUND: MAIN STREET
PROJECT BACKGROUND: MAIN STREET

Middle Main Street Interim Paving Project
Ongoing Paving Project In Design / 2021 Construction Start Anticipated
Ferry St to Delavan Ave

Middle Main Street Phase 1
Ongoing Streetscape Project In Design / 2022 Construction Start Anticipated
Goodell Street to Ferry Street

Middle Main Street Phase 2
Future Anticipated Streetscape Project (concept phase)
Ferry Street to Kensington Ave

Main Street: north of Kensington Ave
Recommendation for bicycle infrastructure made in the
Buffalo Bike Master Plan Update (concept phase)
PROJECT BACKGROUND:
MAIN STREET

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EXISTING CONDITIONS: VOLUMES

Pre-COVID Traffic Volumes

Main Street: 20,500 vehicles per day
Kensington Ave: 7,000 vehicles per day
Humboldt Parkway NB: 12,500 vehicles per day
Humboldt Parkway SB: 6,500 vehicles per day

Approximate traffic volumes are from 2019.
Source: GBNRTC and NYSDOT Traffic Data Viewer.
2017-2019 (3 years) – Pre-COVID Traffic Patterns

136 Total Vehicle-Only Crashes

- 42% (57 crashes) resulted in injury
  - 25% of injury crashes were right angle crashes
  - 19% of injury crashes cited “failure to yield right of way” as the apparent factor and 18% of injury crashes cited “driver inattention” as the apparent factor
EXISTING CONDITIONS: REPORTED CRASHES

2017-2019 (3 years) – Pre-COVID Traffic Patterns

1 Vehicular Crash with a Bicyclist
  • Bicyclist was side-swiped headed southbound on Main St at Humboldt Pkwy NB

4 Vehicular Crashes with Pedestrians
  • Occurred at different conflict points
EXISTING CONDITIONS: REPORTED CRASHES

2017-2019 (3 years) – Pre-COVID Traffic Patterns

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4 Vehicular Crashes with Pedestrians
   • Occurred at different conflict points
PROPOSED IMPROVEMENTS

Safer Pedestrian Routes

1. Pedestrian signals at every crosswalk with audible push buttons, including countdown timers that automatically appear for every pedestrian phase during daytime hours.
2. Sidewalk replacements as necessary.
3. Wheelchair accessible curb ramps at crossings with detectable warning units.
4. Enhanced crosswalk markings.
5. Additional places for pedestrians to cross that are currently uncontrolled.

Existing Pedestrian Conditions
Proposed Improvements

Operational Upgrades

1. Improved signal timing, phasing, and coordination.
2. Enhanced vehicular detection at all signals (MioVision).
3. Reorganized lane configurations.
Infrastructure Upgrades

1. New pavement on sections approaching the bridge and clear pavement markings.
2. Installation of new traffic signals at two intersections on Kensington Ave at Humboldt Pkwy (currently stop-sign controlled).
3. A new mast arm traffic signal at Main St NB and Humboldt SB.
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PROPOSED IMPROVEMENTS

Pavement Markings

Signal Phasing

Traffic Rendering
notable proposed project improvements include:
1. Safer and more accessible pedestrian routes with new pedestrian signals, crosswalk markings, and ramps.
2. Operational upgrades to the signal coordination and phasing via MioVision throughout the intersection.
3. The installation of new traffic signals at two intersections on Kensington Ave at Humboldt Pkwy that are currently stop-sign controlled.

project construction is anticipated to start in summer 2021.

the project’s webpage is located at www.buffalony.gov/MHK.

today’s meeting materials will be posted in the coming days for reference, as well as future project updates.