

# PEARL STREET LANE RECONFIGURATION TRIAL

Between Battery Street and North Champlain Street  
August 2018 – October 2018

## BACKGROUND

- 2015: a planning study was completed to identify short-term improvements for the downtown sections of Pearl Street.
- July 2016: Public Works Commission approved the regulatory changes necessary to implement changes on the blocks between Battery Street and St. Paul Street.
- FY2018: Transportation Capital Program was funded to advance this and other work.
- April 2018: pavement marking contract signed for citywide bikeway improvements. Separate contract signed for engineering services to evaluate several bikeway projects.
- July 2018: intersection analysis provided by VHB suggests Level of Service B (10 – 20 second delays) with no left turn lane on Pearl Street at North Champlain Street during evening peak hours. Earlier analysis by Stantec in 2015 suggested LOS A with these changes. Given PM peak travel patterns, queue length remains a concern and the 2-lane configuration will be tested.
- August 2018: lane reconfiguration trial is scheduled to be coordinated with citywide pavement markings to test the Commission-approved plans (add bike lanes, parking, remove turn lanes)

## GOAL OF THE SHORT-TERM TRIAL

Test the Commission-approved recommendations from the 2015 Pearl Street Study for a 2-lane configuration on Pearl Street between Battery Street and North Champlain Street. The trial will allow staff to evaluate queue lengths and turning movements and verify if the traffic modeling is accurate.

## DESIGN DETAILS

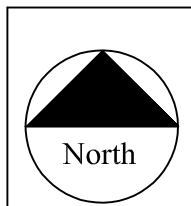
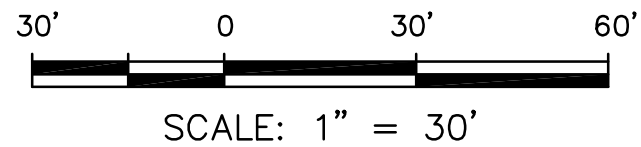
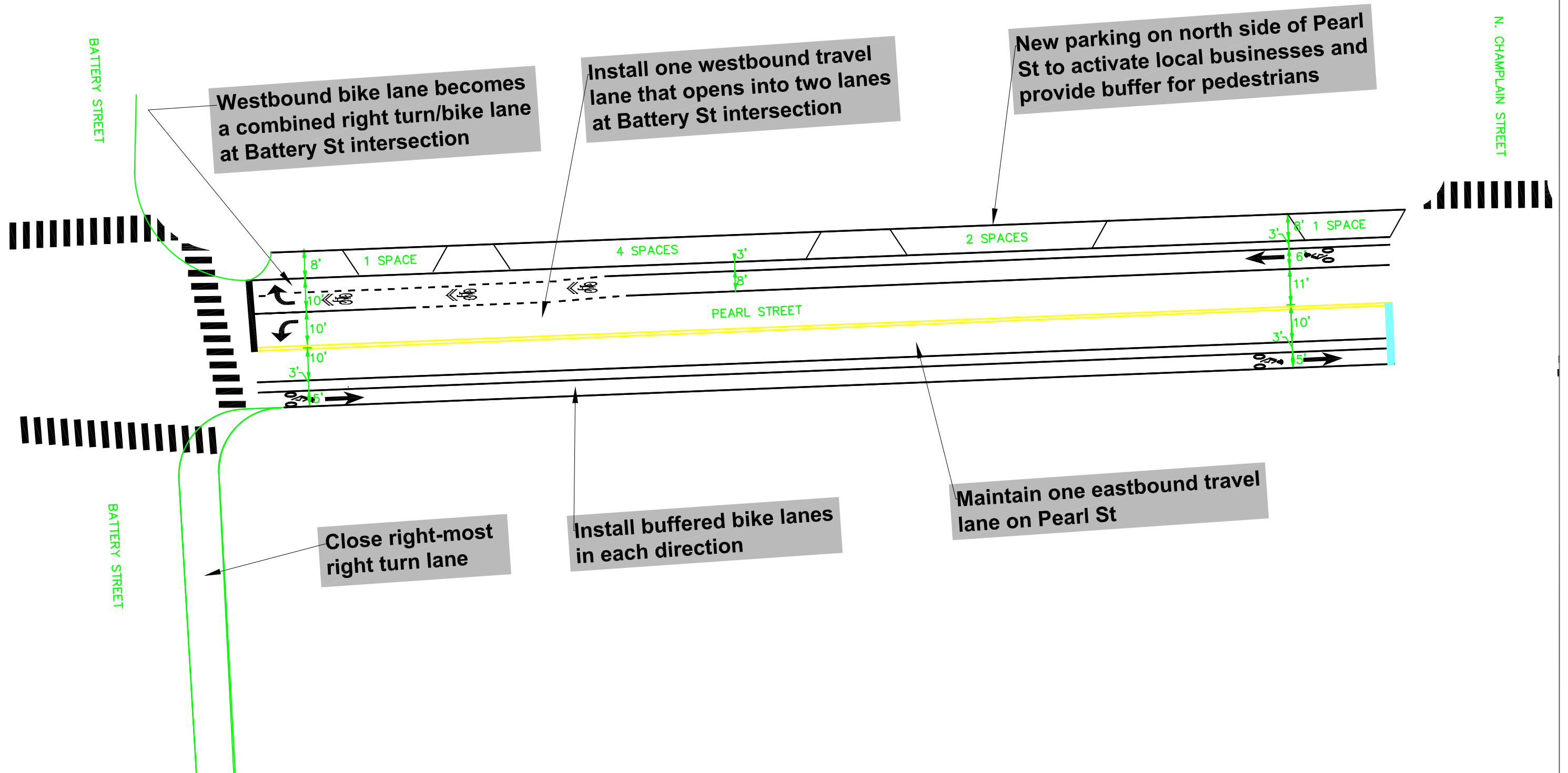
1. Close the right-most right turn lane from northbound Battery Street onto Pearl Street
2. Maintain one eastbound travel lane on Pearl Street
3. Install parking on the north side of Pearl Street to activate local businesses and provide a buffer for people walking
4. Install one westbound travel lane that opens into 2 lanes at Battery Street
5. Install buffered bike lanes in each direction; the westbound bike lane becomes a combined right turn / bike lane at the Battery St intersection

## SCHEDULE

- August 19 – 31: data collection and new, temporary pavement markings applied
- September 11 – 22: review feedback and continue data collection
- September 23 – Oct 6: compile and share the results of feedback received and data collected, determine next steps
- October 14 – 27: Public Works Commission meeting on October 17 to consider revisions, if needed; adjust pavement markings, if needed

## PUBLIC INPUT

Public input is welcome at any time. All calls and emails will be logged, categorized as for/against/neutral, and will be aggregated for review by October 6.



PEARL STREET  
STREET MODIFICATIONS



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DESIGNED ACKW	RFS NO. NA
DRAWN ACKW	SCALE 1"=30'
CHECKED PMP	DRAWING NO.
DATE 11/17/17	SHEET 1 OF 13