

Delaware Street Rehabilitation Project Update

City Council Meeting



June 11, 2019

OVERVIEW

- Project Underway for Over Two Years
 - Advanced work on underground utilities
 - DNREC grant for stormwater management ~ “Green Street”
 - Assessment of storm (old combined) sewer
- Proposed Work
 - Relining / replacement of storm sewer / resolution of laterals
 - Underway – should be completed this summer
 - Repaving project with new curbs, sidewalks, amenities, etc.
 - Planned to begin on or about October 1*

* Depending on outcome of bidding

CURRENT CONDITIONS

Pavement cracks and failures
Multiple road patches



CURRENT CONDITIONS

Deteriorated curb and varying types



CURRENT CONDITIONS

Inconsistent presence of handicap ramps



CURRENT CONDITIONS

Lengthy pedestrian crosswalks

Lack of crosswalks



CURRENT CONDITIONS

Uncontrolled vehicular circulation



CURRENT CONDITIONS

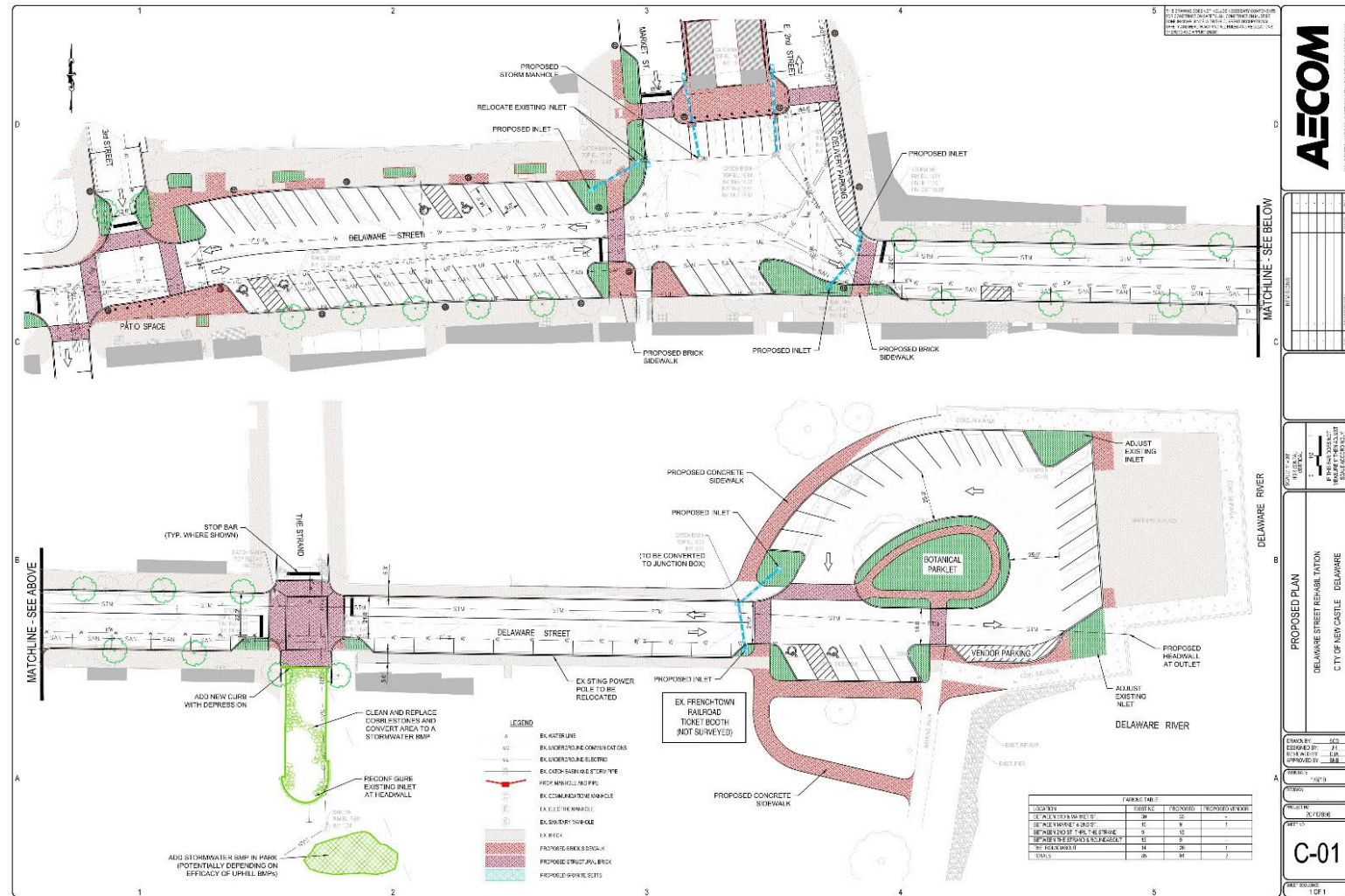
Need to better manage stormwater



REPAVING PROJECT OBJECTIVES

- Rehabilitate Pavement / Make Curbs Consistent
- Widen Lower Portions of Road
- Include “Bump Outs” and More Visible Crosswalks
 - Better channelize vehicles
 - Reduce driving speeds
 - Provide safer crossings by pedestrians
- Handle Runoff Through More Innovative Methods
 - Lessen reliance on existing aging inlets and pipes
 - Begin to address City’s unmanaged stormwater
- Create a Roadway for All Users ~ “Complete Street”

CONCEPT PLAN



REVIEW PROCESS

- January 10, 2017 City Council Meeting
 - Presented findings of DNREC-funded study
 - Gave direction to further assess and / or fix utility issues
- October 29, 2018 Workshop
 - Reviewed Concept Plan developed by Marco Boyce and AECOM
 - Discussed various approaches and temporary mock ups
- November 26, 2018 Workshop
 - Evaluated alternates
 - Decided to place temporary mock ups
- December 11, 2018 City Council Meeting
 - Reviewed alternatives to traffic circle ~ chose to omit
 - Gave direction to begin design work

CONSTRUCTION ISSUES

- Residents and Businesses Will Be Affected
 - Only one lane can be kept open / spillover effects
 - Access to wharf will need to be suspended at some point
- Fall Bidding with Wintertime Construction
 - Uncertainty due to weather
 - Potential delays
- Lack of Space for Staging Area
 - Most materials proposed for storage at 3rd and Chestnut
 - Equipment may be stored in project area
- Efforts Will Be Made to Minimize Impacts
 - City will provide schedule / phasing plan on website
 - Contractor will be required to provide individual notices

TENTATIVE PHASING

- Fall 2019 and Winter 2020
 - Curb with bump outs and sidewalk work
- Spring into Summer 2020
 - Milling of road surfaces
 - Repair of sections with poor subbase
 - Overlay of milled areas
 - Placement of crosswalks
 - Completion of work

PROJECT BIDDING

- Current Cost Estimates
 - Storm sewer replacement and rehabilitation - \$350,000
 - Road restoration, curbs and sidewalks, etc. - \$1,700,000
- Unknowns at This Time
 - Extent of full depth paving
 - Impact of “market” on bids
- Flexibility for City
 - Project being bid on a “unit price” basis
 - Will allow for reductions in scope if bids too high
- Potential Considerations by City
 - Project start date / project duration
 - May need to reconsider limitations / restrictions

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