

17TH ST IMPROVEMENTS

CITIZEN INFORMATION WEBINAR

November 18th, 2020

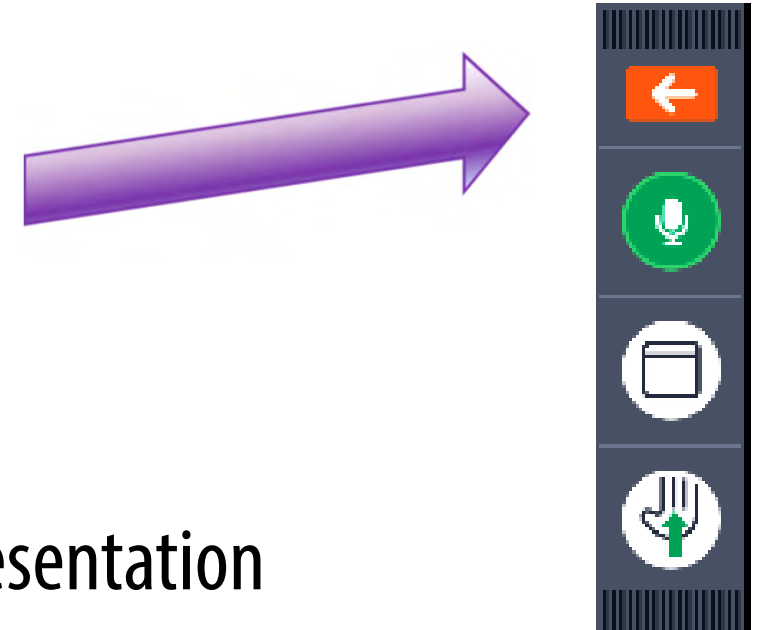
COLONY DR

Presented By:
City of Virginia Beach SGA
City of Virginia Beach Public Works
WSP



Questions and Polls

- » Polls will be conducted during the presentation to get your feedback
- » Have a question on the material that is presented?
- » Ask a question in the chat, we will answer questions throughout the presentation



17th St Improvements AGENDA

Project Background and Context (Phases I and II)

- » History to date
- » Surrounding development
- » Phase I: 30% design
- » Phase II: preliminary study

Phase I Proposed Improvements

- » Typical section
- » On street parking
- » Before/after simulations
- » Stormwater management
- » Plan rendering walk thru
- » Sequence of construction
- » Q&A

Phase II Proposed Improvements

- » Typical sections
- » Schematic corridor plan with overall impacts
- » Schedule recap and next steps
- » Q&A

PROJECTS BACKGROUND & CONTEXT

- » Improvements to 17th Street identified as a priority in the Resort Area Strategic Action Plans (RASAP 2008 & 2020)
- » 2015 ViBe Connectivity Plan identified two typical sections
- » Phase I first funded in 2017 Capital Improvement Program
- » Phase II study first funded in 2020 Capital Improvement Program



POLL #1

» Poll #1 – How do you use the corridor?

PHASE I DISCUSSION



PROJECT AREA PHASE 2

PROJECT AREA PHASE 1

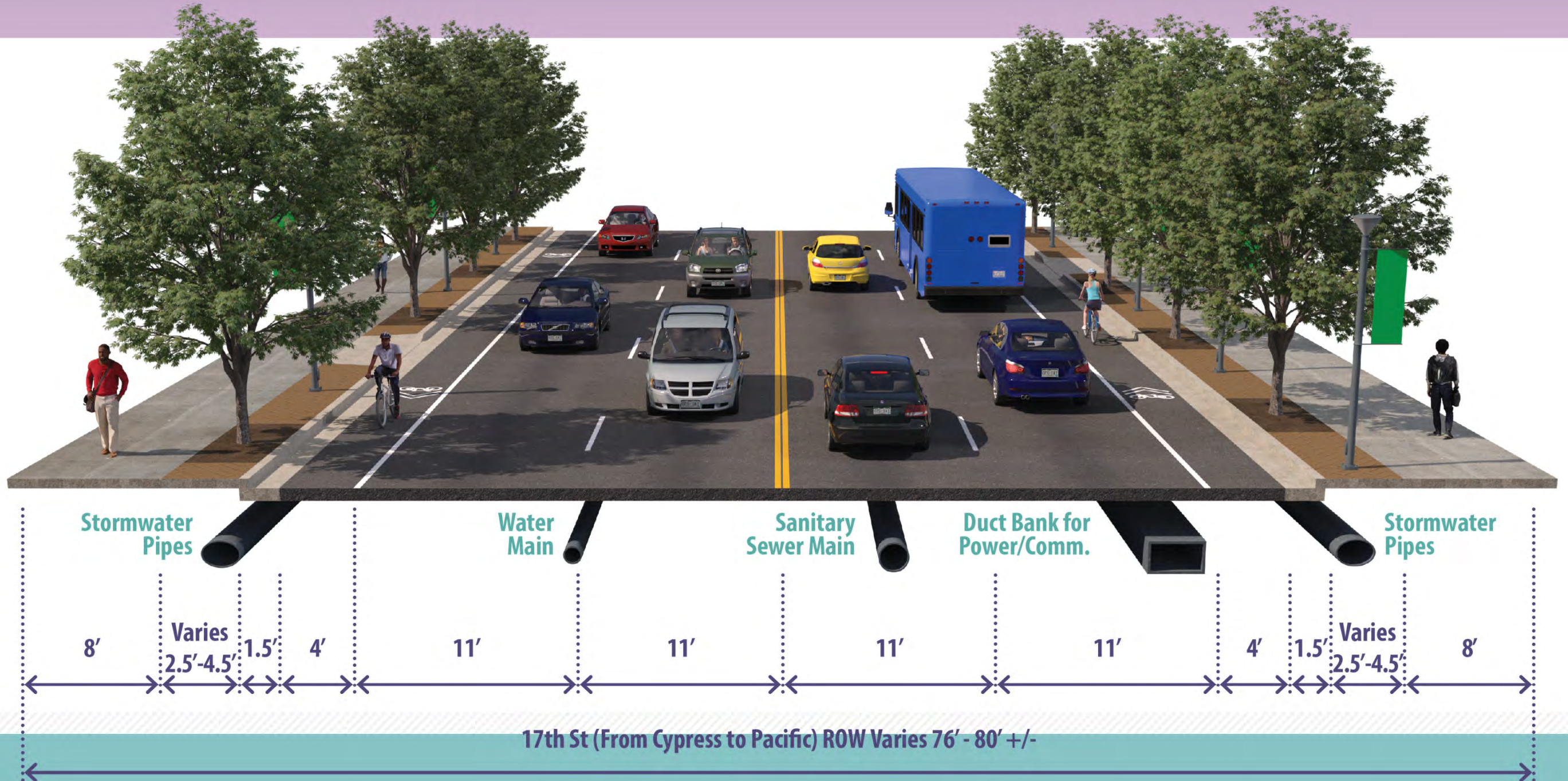
PHASE I PROJECT SCHEDULE

- » Complete Final Design – Oct. 2021
- » Right of Way / Easement Acquisition – Oct. 2021 to Oct. 2022
- » Follow Up Public Update Meeting – May 2022
- » Construction – Oct. 2022 to May 2026
- » Phase II Schedule - TBD

PHASE I EXISTING SECTION



PHASE I TYPICAL SECTION



Stormwater Pipes

Water Main

Sanitary Sewer Main

Duct Bank for Power/Comm.

Stormwater Pipes

8'

Varies 2.5'-4.5'

1.5'

4'

11'

11'

11'

11'

4'

1.5'

Varies 2.5'-4.5'

8'

17th St (From Cypress to Pacific) ROW Varies 76' - 80' +/-

17th STREET ON STREET PARKING

» 14 Existing Metered On Street Spaces between Pacific and Arctic Avenues



Between 16th and 18th Streets:

- » +5 Proposed On Street Spaces on Baltic Avenue
- » +7 Proposed On Street Spaced on Mediterranean Avenue







Arctic Ave

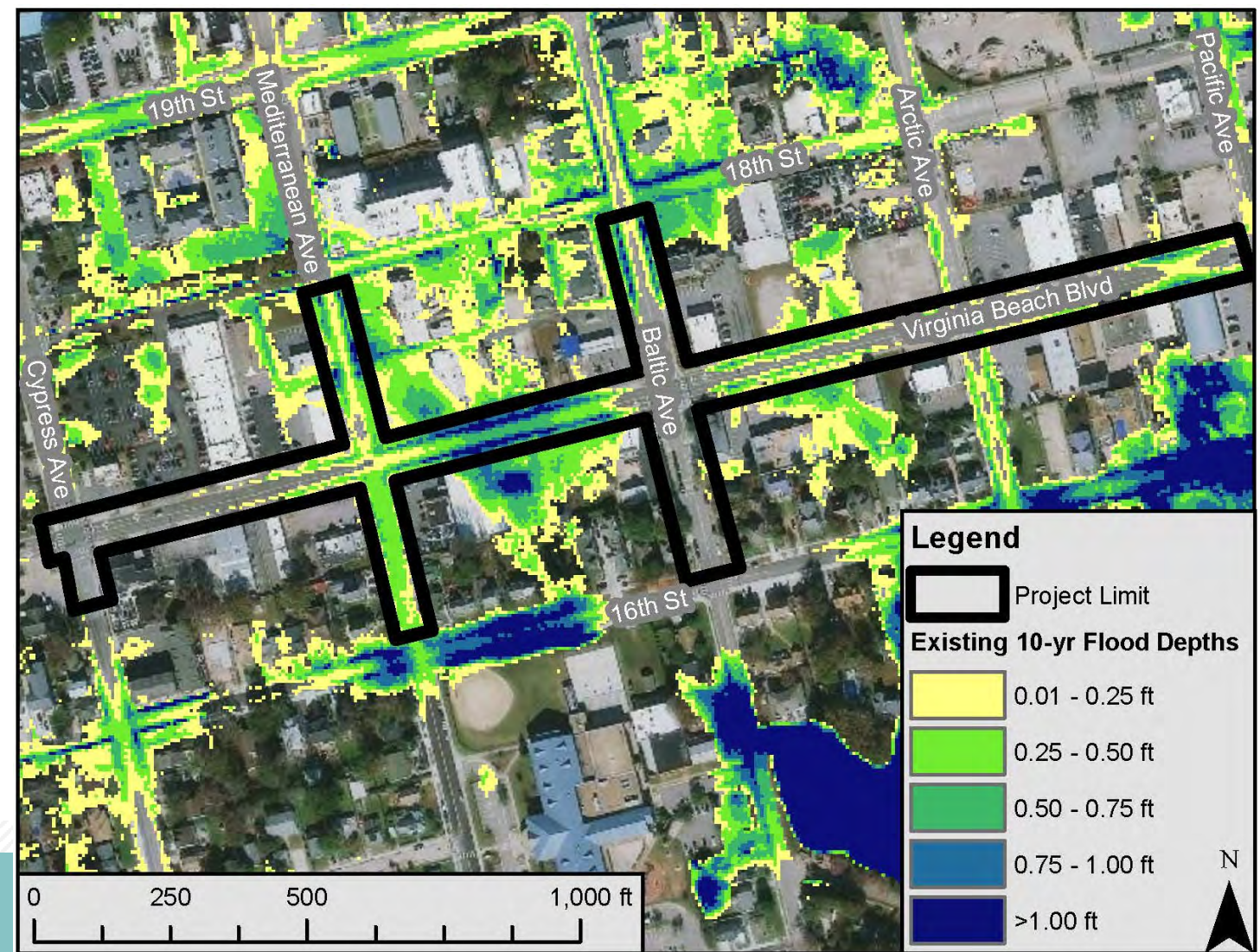
E-Z
PARKING

SPEED
LIMIT
25



PHASE I STORMWATER MANAGEMENT

- » Designing to recently adopted Public Works Design Standards Manual
 - » Increase precipitation & sea level rise
- » Improvement Priorities
 - » Upgrade stormwater infrastructure
 - » Flood reduction
 - » Meet water quality requirements
 - » Maximize landscape/vegetative cover



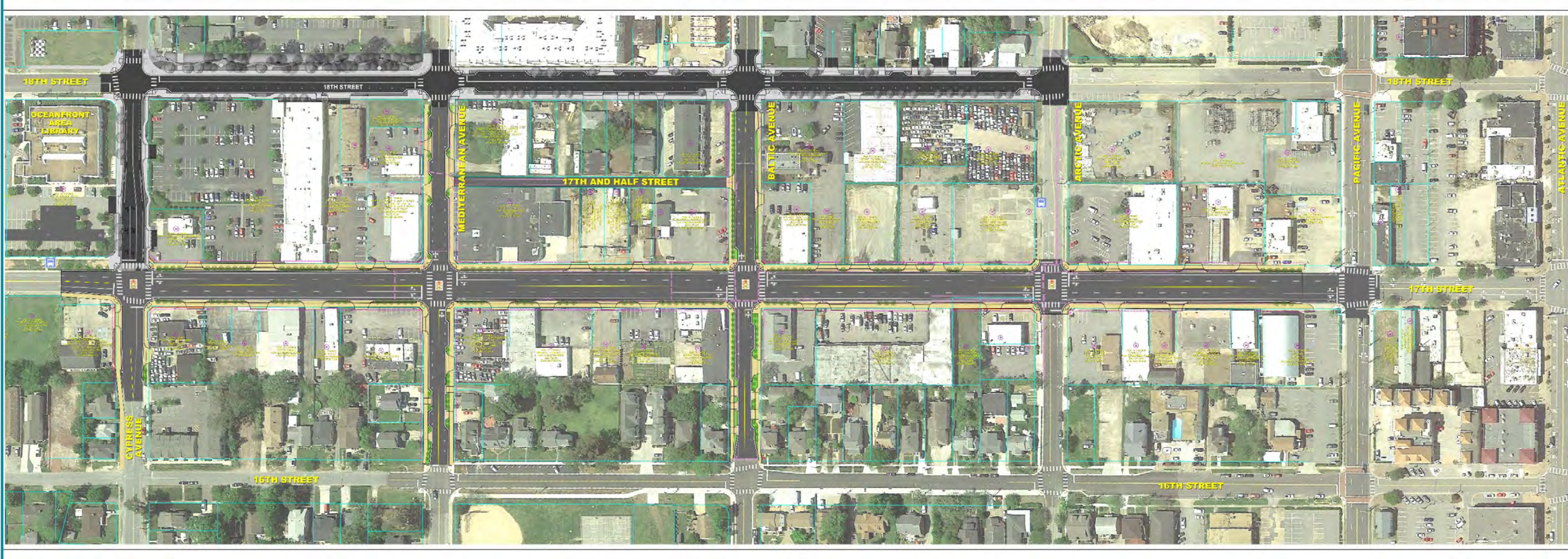
PHASE I STORMWATER MANAGEMENT

» Potential Stormwater Management Facilities

- » Underground detention
- » Hydrodynamic separators
- » Urban bioretention



PHASE I PLAN RENDERING WALK THRU





**17TH STREET IMPROVEMENTS
PHASE 1
CIP No. 9-039**

CITIZEN INFORMATION MEETING
NOVEMBER 18, 2020



Legend

- Roadway Improvements
- Proposed Sidewalks
- Proposed Paver Verge
- Proposed Bioretention
- Signal
- Street Trees
- Proposed Storm Pipes
- Existing Right of Way / Property Lines
- Proposed Right of Way Line
- Temporary Construction Easement
- Proposed Permanent Electric Easement
- Bus Stop

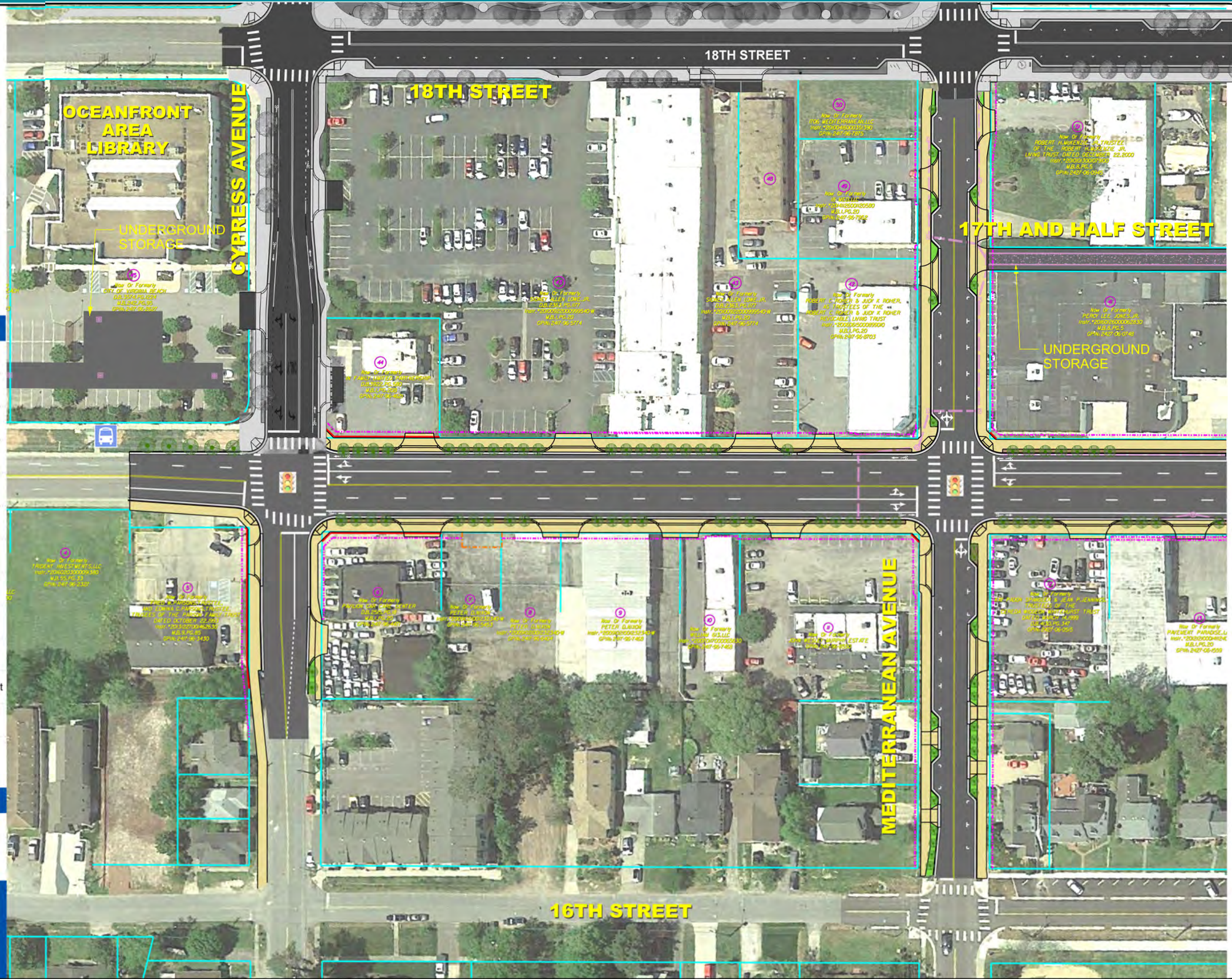
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WSP USA Inc.
277 Bendix Road
Suite 300
Virginia Beach, VA 23452
(757) 466-1732

These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way. Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans.

Aerial Provided by Google Earth

















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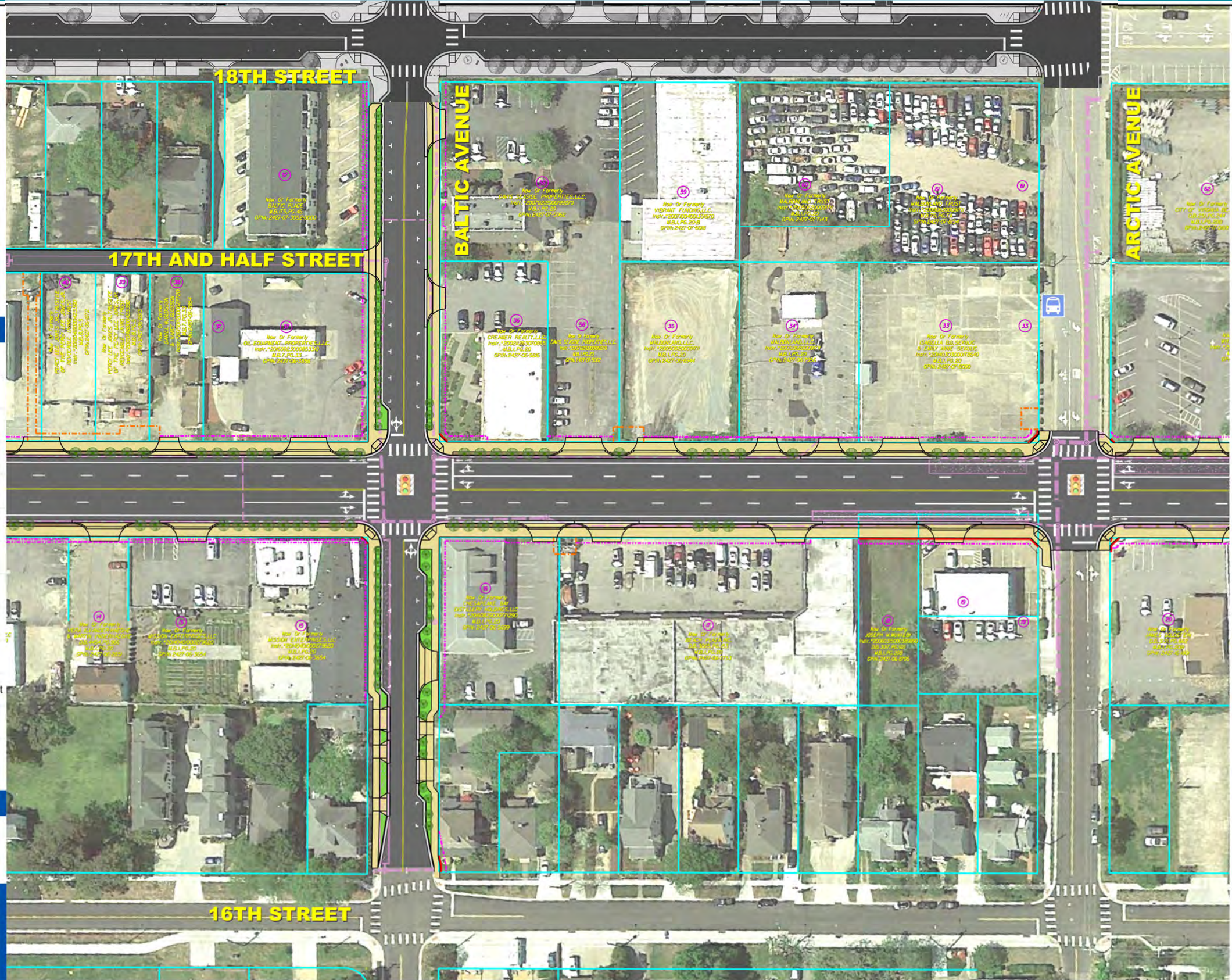
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





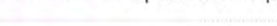


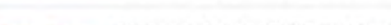
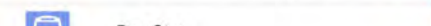



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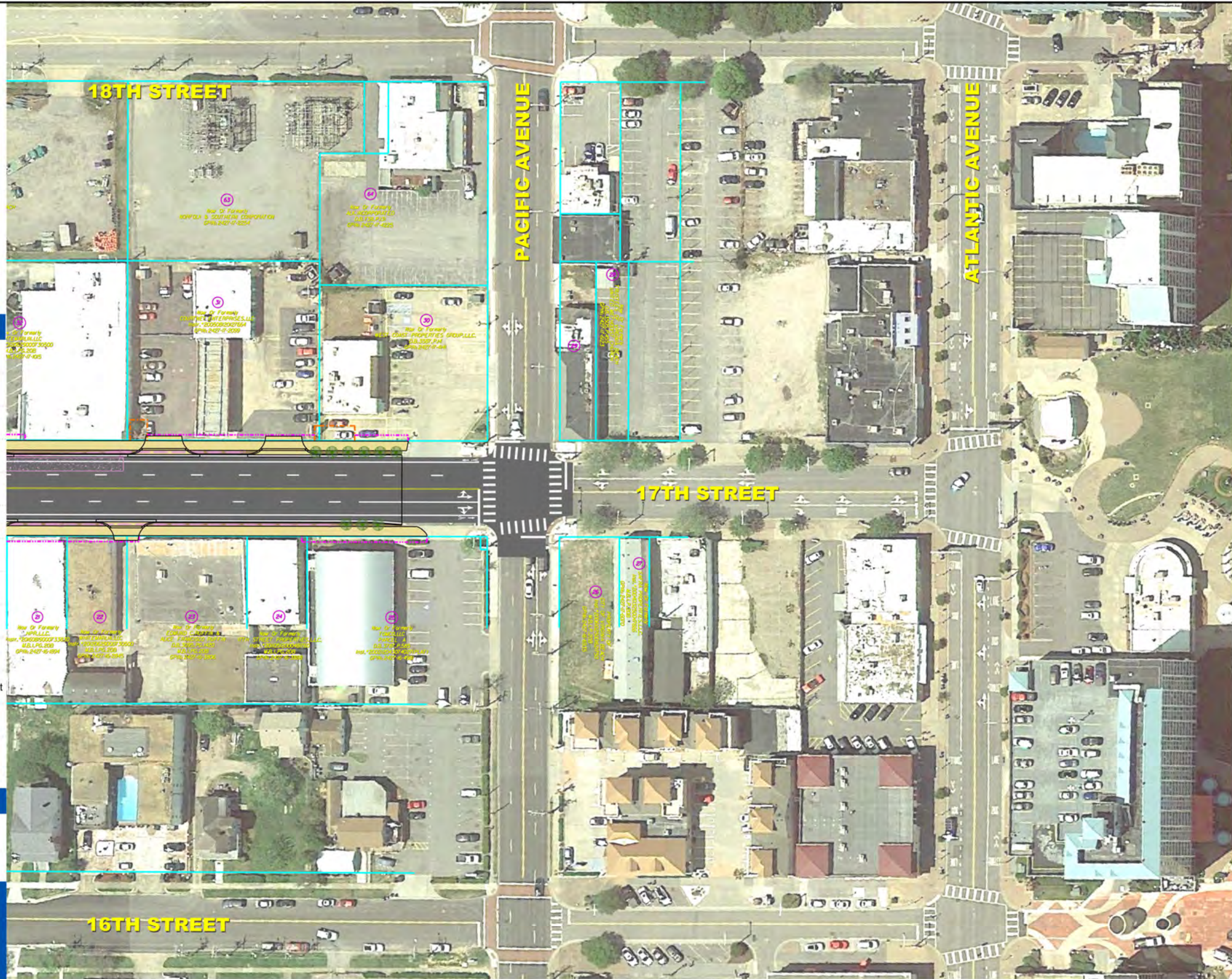
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PHASE I SEQUENCE OF CONSTRUCTION

Existing Resort
Area Construction
Moratorium from
May 1st to
October 1st

17th St/Virginia
Beach Boulevard
must remain
open to traffic at
all times

Access to
businesses must
be maintained at
all times

One intersection
may be closed at
a time

Wayfinding
signage for
businesses in the
work zone will be
provided

PHASE I TENTATIVE CONSTRUCTION SCHEDULE

- » Season 1 (Oct. 2022- May 2023) – Water and Sewer Improvements
- » Season 2 (Oct. 2023-May 2024) – Duct Bank Construction
- » Season 3 (Oct. 2024 – May 2025) – Private Utility Relocations
- » Season 4 (Oct. 2025 – May 2026) – Roadway Reconstruction, Stormwater Improvements, Streetscape



POLL #2

» Poll #2– Of the Phase I improvements, which do you think is most needed?

Phase I – Q&A

» Questions?

Can't think of it right now? Submit later to:

Denis Ozowara Jr., P.E.
Project Manager

City of Virginia Beach - Public Works Engineering
2473 N. Landing Road, Virginia Beach, VA 23456
Office: (757) 385-8473
DOzowara@vbgov.com



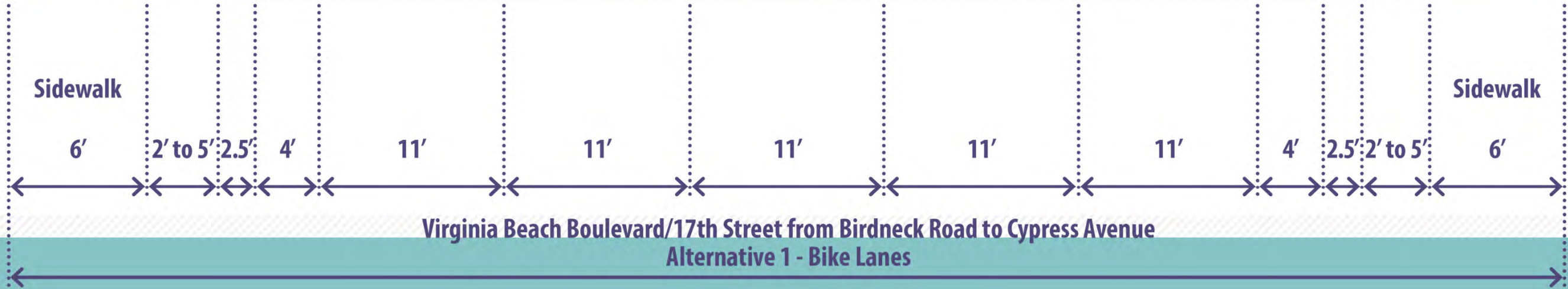
PHASE II DISCUSSION



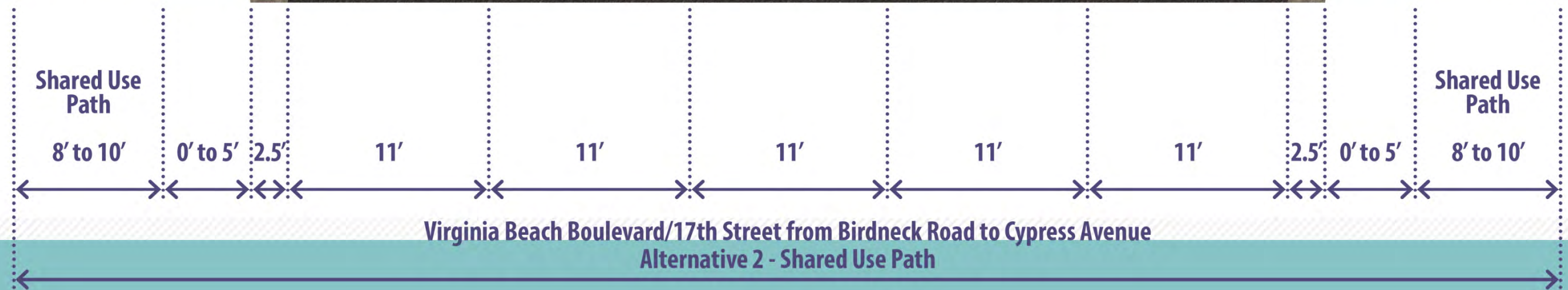
PROJECT AREA PHASE 2

PROJECT AREA PHASE 1

PHASE II TYPICAL SECTION – ALTERNATIVE 1 BIKE LANES



PHASE II TYPICAL SECTION – ALTERNATIVE 2 SHARED USE PATH



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POLL #3

» Poll #3 – Which typical section for Phase II do you prefer?

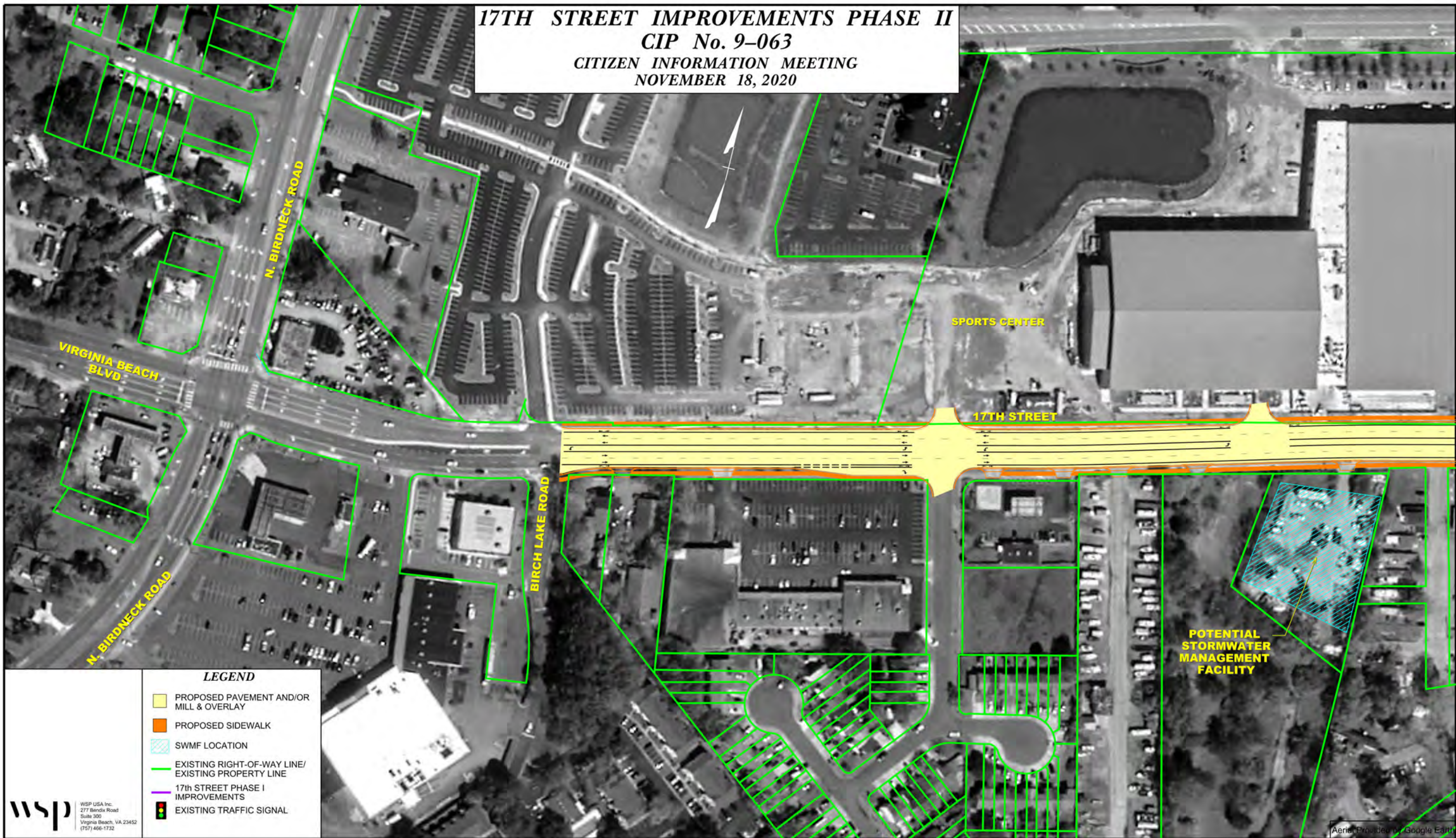
PHASE II PLAN RENDERING WALK THRU

17TH STREET IMPROVEMENTS PHASE II
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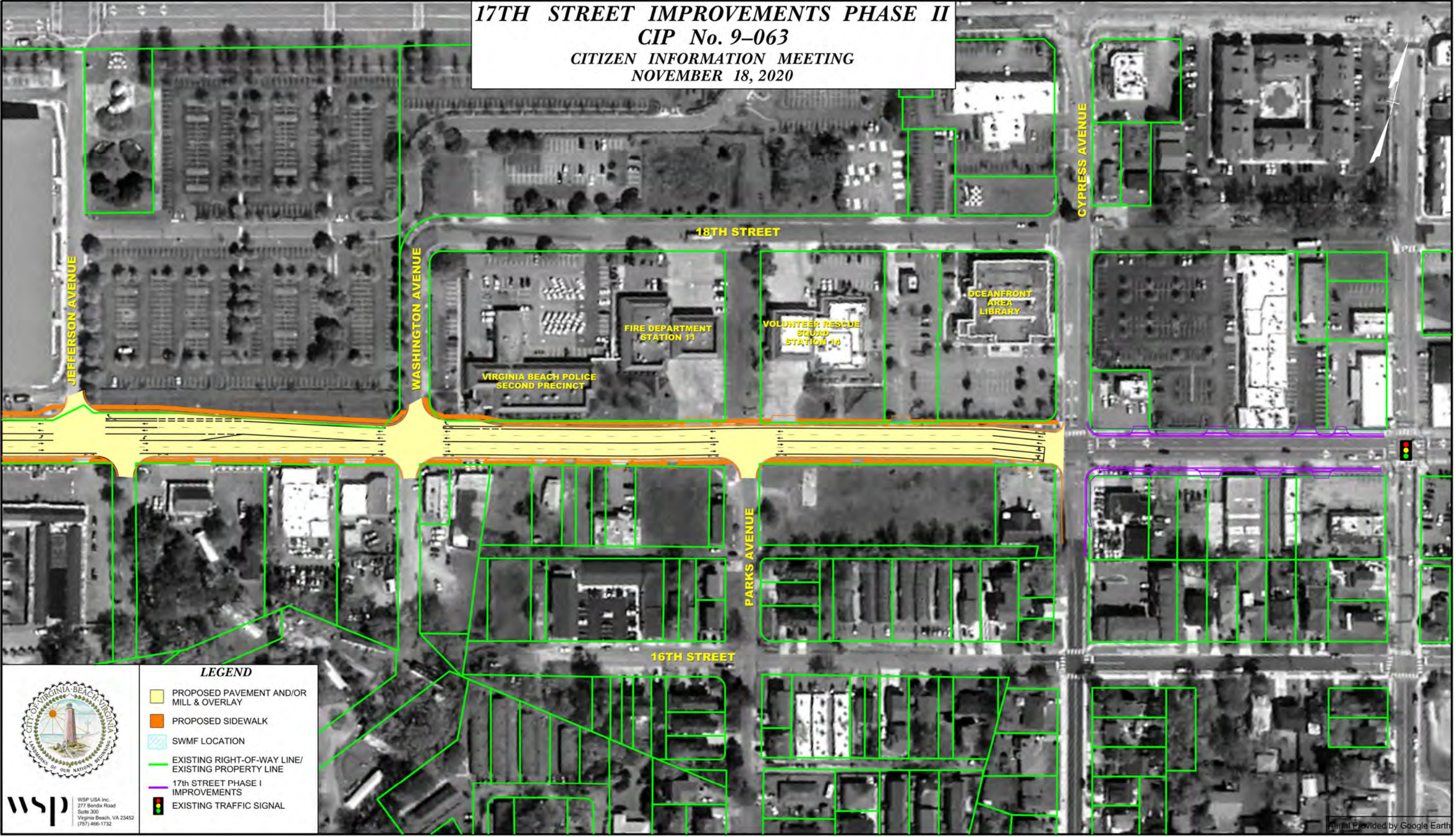
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LEGEND

-  PROPOSED PAVEMENT AND/OR MILL & OVERLAY
-  PROPOSED SIDEWALK
-  SWMF LOCATION
-  EXISTING RIGHT-OF-WAY LINE/
EXISTING PROPERTY LINE
-  17th STREET PHASE I IMPROVEMENTS
-  EXISTING TRAFFIC SIGNAL

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Public Survey

- » We need your input for design considerations on this project. Your valuable input will be used to guide the decisions made for the corridor and fulfill the needs of your community. **Survey is open until December 11, 2020.**
- » www.vbgov.com/17thStreet

» Thank you for attending today's CIW!

» Visit www.vbgov.com/17thStreet for a recording of today's meeting and additional project information