

# I-64 Southside Widening and High Rise Bridge

Presented to:

**Chesapeake Economic Development  
Executive Boulevard Business Watch Meeting  
February 8, 2019**

Presented by:

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# NEW HIGH RISE BRIDGE RENDERING



# CONSTRUCTION IS UNDERWAY!



A Bruce SGH 3515 Hydraulic hammer is used in the 66" cylindrical pile-driving operation.



Crews prepare land for construction of the new Great Bridge Boulevard Bridge over I-64



Crews prepare to begin the first test pile drive in the Elizabeth River. [Photo taken from east of the High Rise Bridge looking toward Virginia Beach.]

# PROJECT SCOPE

- Widen 8.5 miles of I-64
- 4 lanes to 6 lanes
- Add one HOT Lane, EB/WB
- Shoulder lanes (4th lane), EB/WB
- New High-Rise Bridge
- Replace GBB Bridge
- 6 bridge widenings





High Rise Bridge

# CONTRACT SCHEDULE

Notice to Proceed	11.17.2017
Completion	7.30.2021
Incentive	5.7.2021



# THE NEW HIGH RISE BRIDGE

How big are the piles that will be used to build the new High Rise Bridge?

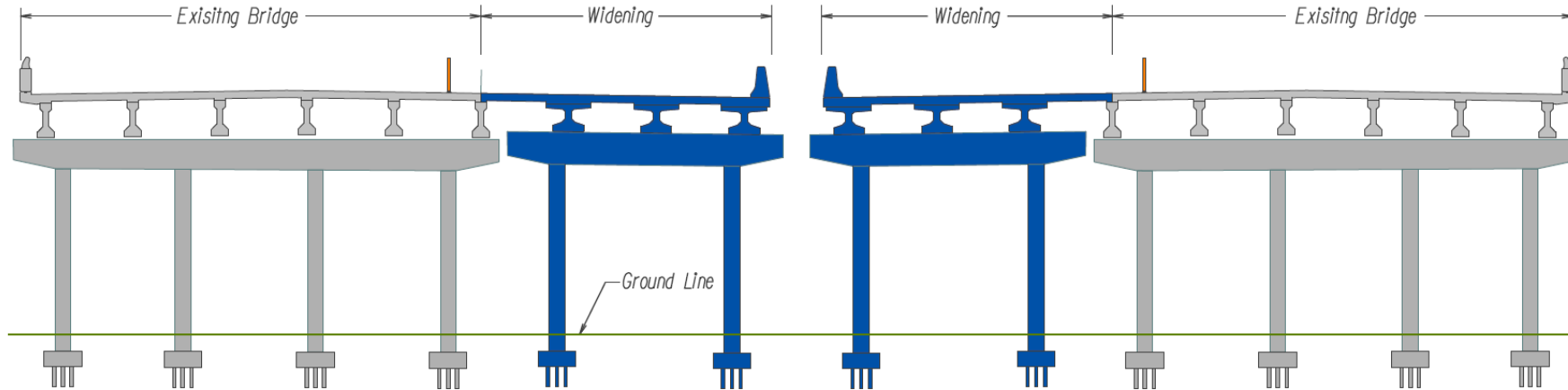
- (216) 36-inch square concrete piles
- (66) 66-inch diameter concrete cylinder piles
- (32) 24-inch concrete piles at the abutments

The piles, tubs, and abutments are all being produced at Coastal Precast. Many of the piles will be transported by barge right down the river to the construction site.



# Typical Section - Bridge Widening

I-64 Southside Widening & High Rise Bridge, Phase I



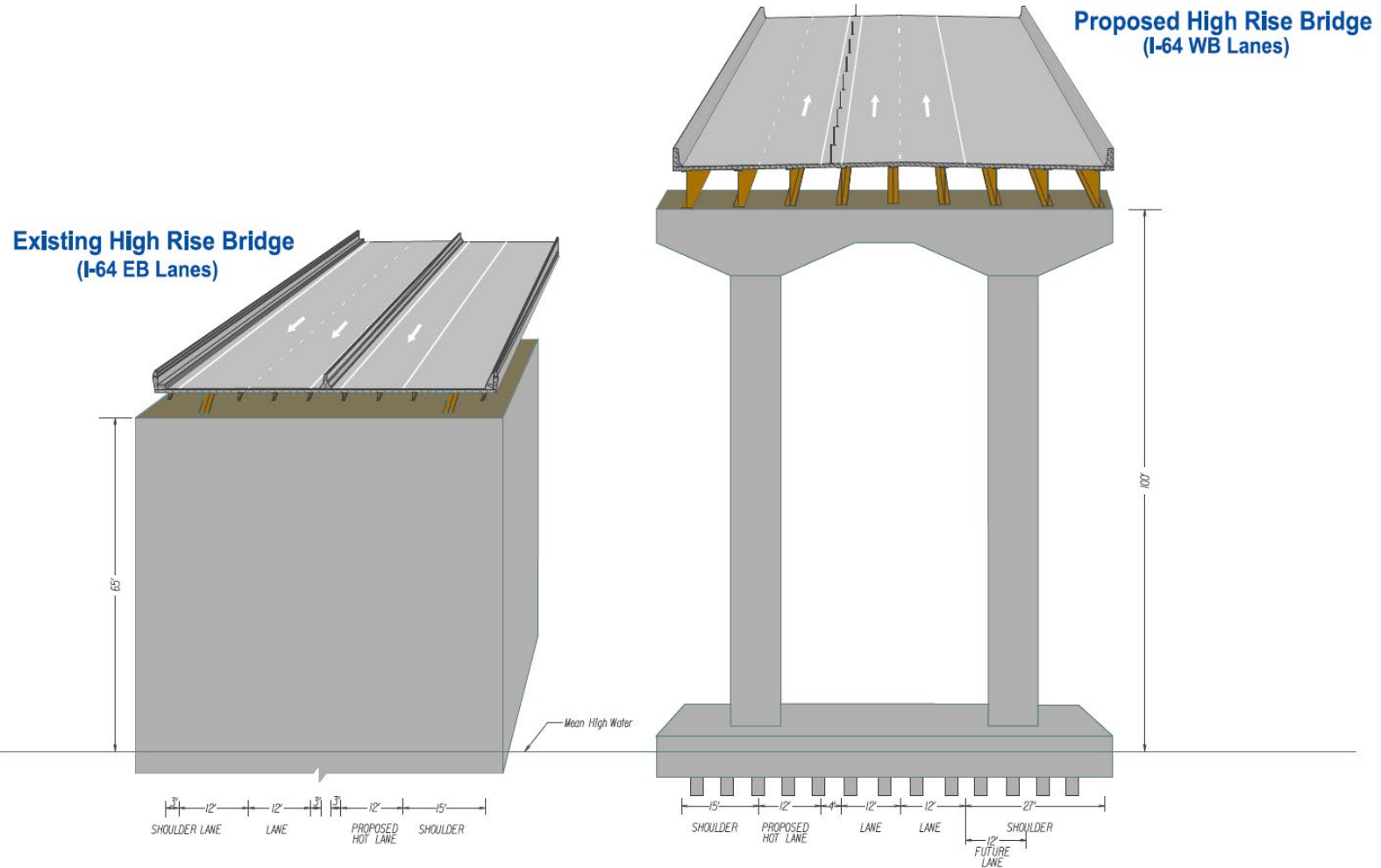
## Widening of Six Bridges:

- **I-64 EB & I-64 WB over Military Highway (Rte. 13 & Rte. 460)**
- **I-64 EB & I-64 WB over Yadkin Road & Norfolk Southern Railroad**
- **I-64 EB & I-64 WB over Shell Road (Rte. 648)**



# Typical Section - High Rise Bridge

I-64 Southside Widening & High Rise Bridge, Phase I



I-64 Southside Widening & High Rise Bridge, Phase I - Chesapeake, Virginia - State Project 0606-12-011, CS01 - LSC 10002 - Funding Project HSP-004-0400  
 These plans are unbid and compressed and are not to be used for any type of construction or the acquisition of Right of Way. Additional Comments for Right of Way may be needed beyond the proposed Right-of-Way shown on these plans.

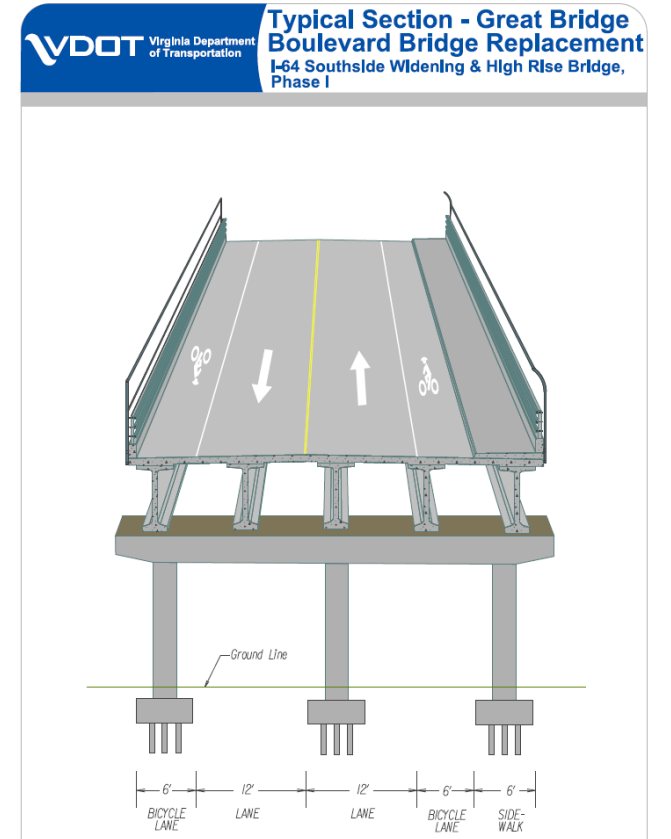
# GREAT BRIDGE BLVD BRIDGE OVER I-64



Existing Great Bridge Blvd Bridge (Looking East)



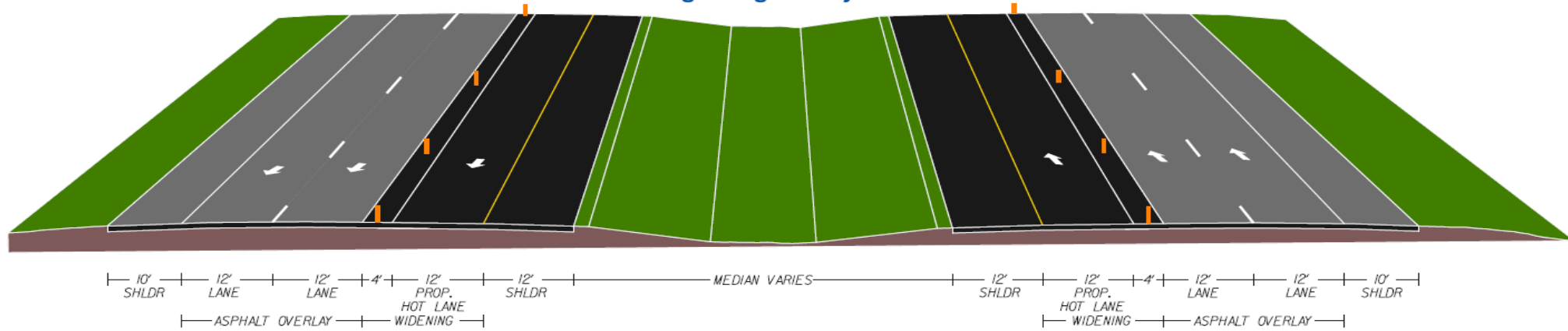
Current View of Great Bridge Blvd Bridge (Looking West)



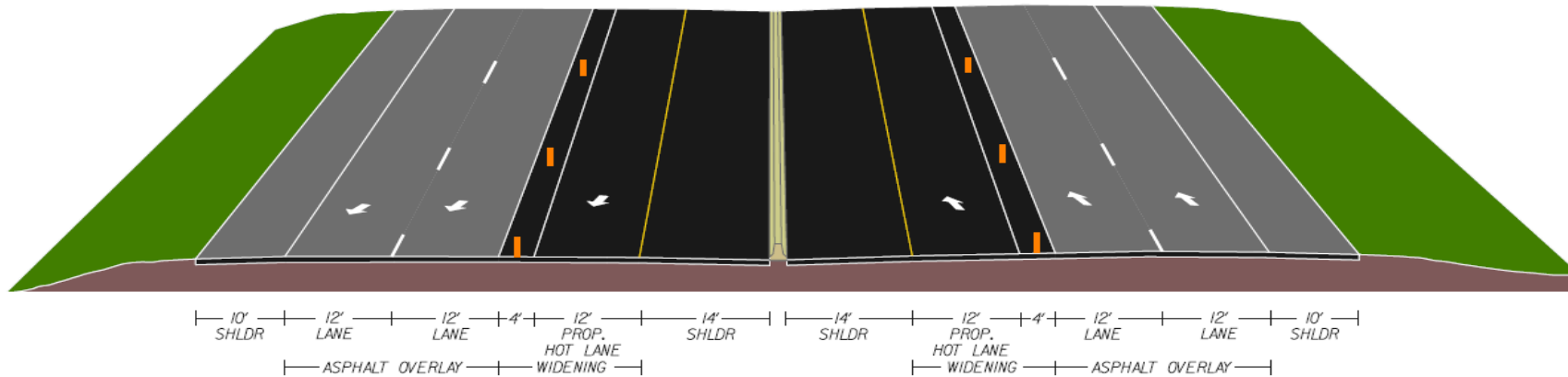
# Typical Sections - Roadway

## I-64 Southside Widening & High Rise Bridge, Phase 1

**I-64 Widening**  
From Beginning of Project to Rte. 17



**I-64 Widening**  
From Rte. 17 To Project End



I-64 Southside Widening & High Rise Bridge, Phase 1 - Chesapeake, Virginia - State Project 0064-131-811, C501 - UPC 106692 - Federal Project NHPP-064-3(488)  
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 Right of Way may be required beyond the proposed right-of-way shown on these plans.

# ESTIMATED CONSTRUCTION SCHEDULING



- WEST 1
- WEST 2
- WEST 3
- EAST 1
- EAST 2
- EXISTING BRIDGE
- NEW HIGH BRIDGE



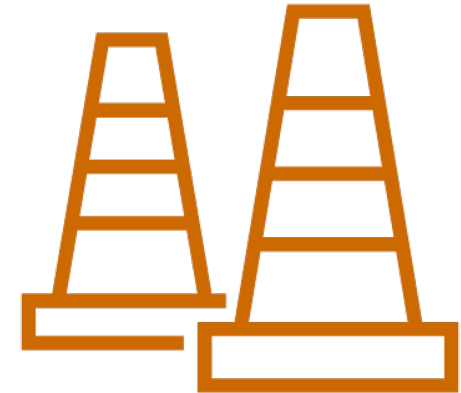
PHASE		2018		2019				2020				2021				
LOCATION		Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
WEST 1	Roadway		[Bar from Q4 2018 to Q1 2021]													
	I-64 Widening over Military Highway		[Bar from Q4 2018 to Q3 2019]													
WEST 2	Roadway		[Bar from Q4 2018 to Q1 2021]													
	I-64 Widening over Yorkin Road		[Bar from Q4 2018 to Q4 2019]													
WEST 3	Roadway			[Bar from Q1 2019 to Q1 2021]												
	I-64 Widening over Shell Road			[Bar from Q1 2019 to Q4 2019]												
NEW HRB	New Bridge		[Bar from Q3 2018 to Q3 2020]													
EXISTING HRB	Roadway															
	Bridge Modification															
EAST 1	Roadway		[Bar from Q4 2018 to Q4 2020]													
EAST 2	Roadway		[Bar from Q4 2018 to Q4 2020]													
	GBB Bridge Replacement		[Bar from Q4 2018 to Q2 2019]													

\*Actual start and end dates will fall within the above timelines



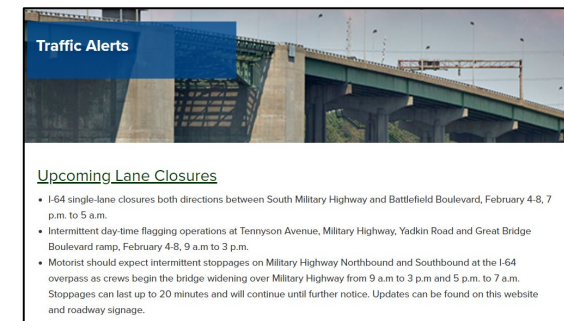
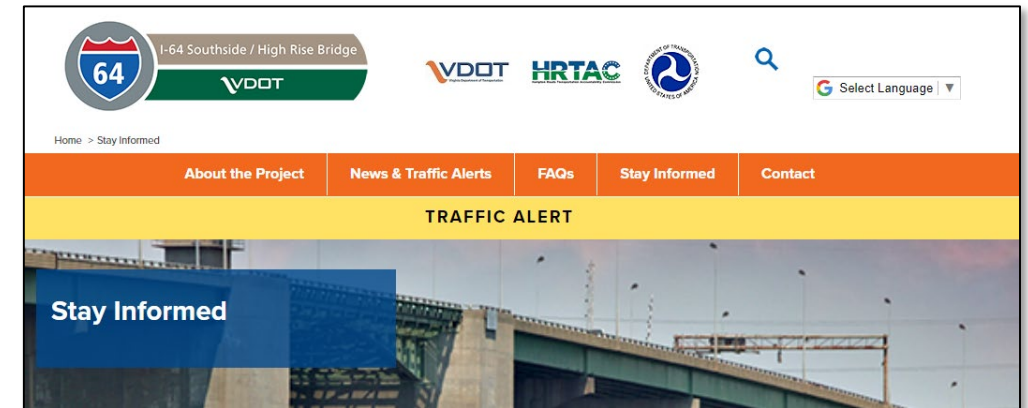
# WORK ZONE CONGESTION MITIGATION

- Variable Message Boards (VMS)
  - Speed limit reduced to 55 mph (coming soon!)
  - I-64: Minimum two 11-ft lanes; 9-ft right shoulder
  - Pull off areas at 1 mile maximum spacing
  - Temporary acceleration/deceleration lanes to and from work space
  - Retained access for emergency incident response vehicles
  - Wireless closed circuit television cameras
  - Incident Management Plan
  - Full-time Incident Management Coordinator – Robert (Danny) Plott
  - 24/7 Towing/Wrecker



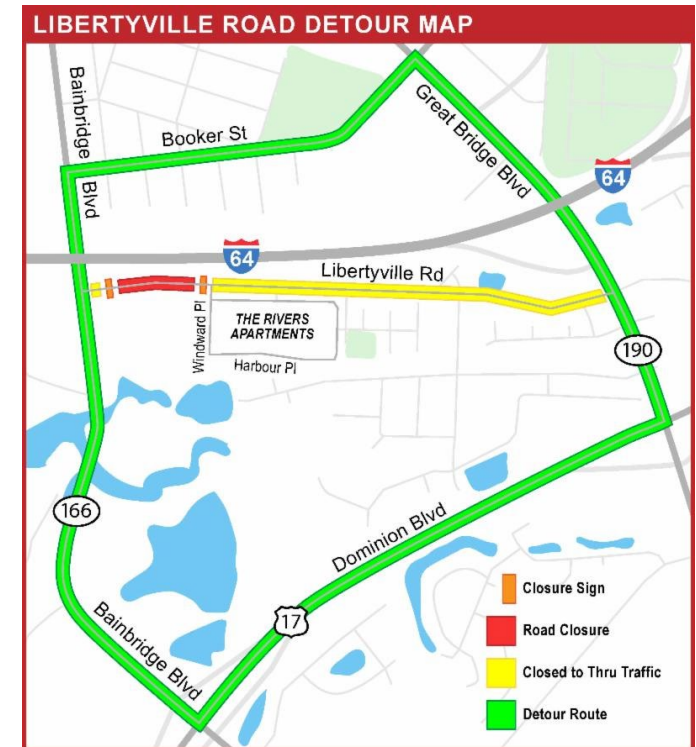
# UPCOMING CONSTRUCTION TRAFFIC IMPACTS

- Each week's scheduled lane and ramp closures can be found on the project website on the [Traffic Alerts](#) page
- Intermittent day-time flagging operations at Tennyson Avenue, Military Highway, Yadkin Road and the Great Bridge Boulevard ramp as construction crews prepare work zones
- Intermittent stoppages on Military Highway Northbound and Southbound at the I-64 overpass as crews begin the bridge widening over Military Highway from 9 a.m to 3 p.m and 5 p.m. to 7 a.m. Stoppages can last up to 20 minutes and will continue until further notice. Updates can be found on this website and roadway signage



# UPCOMING CONSTRUCTION TRAFFIC IMPACTS

- **Speed Limit Reduced to 55 mph on I-64** - After the work zone areas are established, the speed limit along the I-64 work zone will be reduced to 55 mph.
- **Restricted Access at Libertyville Road and Bainbridge Boulevard Intersection Beginning in March** - Beginning in March, access to Bainbridge Boulevard from Libertyville Road will be restricted. Additionally, there will be no turns from Bainbridge Boulevard onto Libertyville Road. Motorists traveling on Bainbridge Boulevard will be able to continue straight through the Libertyville Road intersection. This closure will last approximately 10-12 months for construction of the new High Rise Bridge.



# STAY INFORMED

- Visit the project website – [64highrise.org](http://64highrise.org)
  - Traffic Alerts
  - Past Presentations
  - Upcoming Presentations
  - Project Cameras
  - FAQs
- Sign up for e-blasts on the website
- Look for us on Chesapeake Channel 43
- VDOT Facebook Page/ Group
- NextDoor (through VDOT and City of Chesapeake)





# QUESTIONS?

