

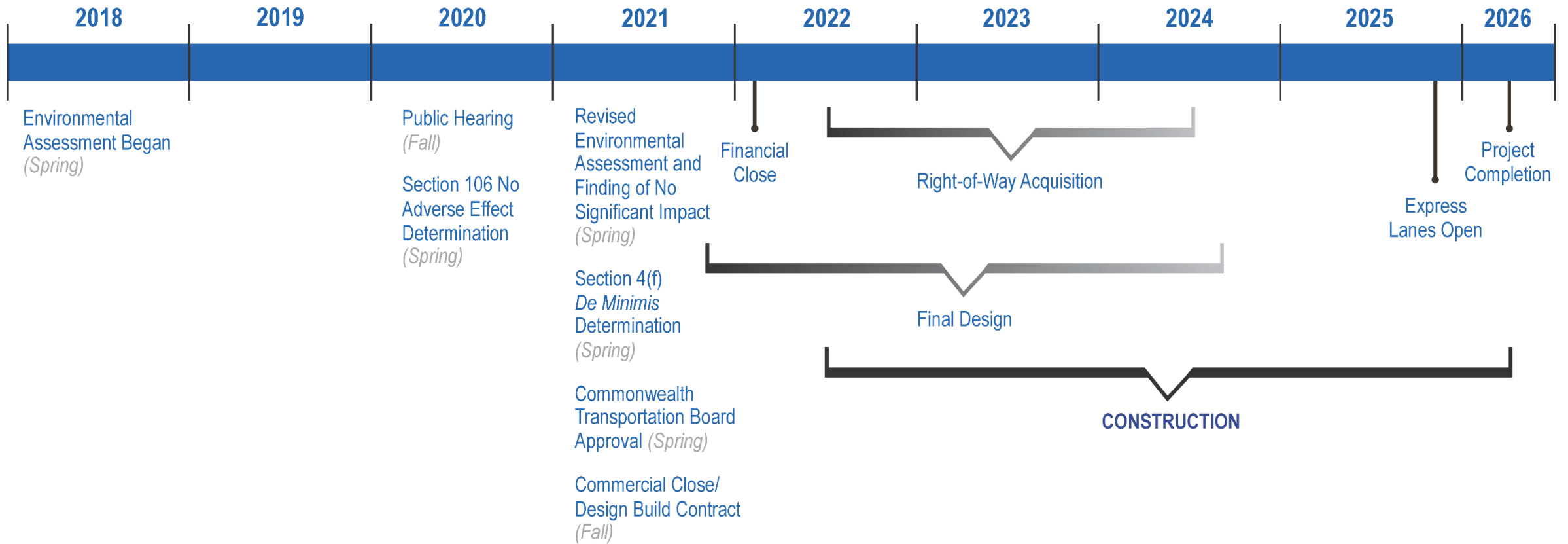
Live Oak Drive Community Meeting

495 Express Lanes Northern Extension Project



May 26, 2022

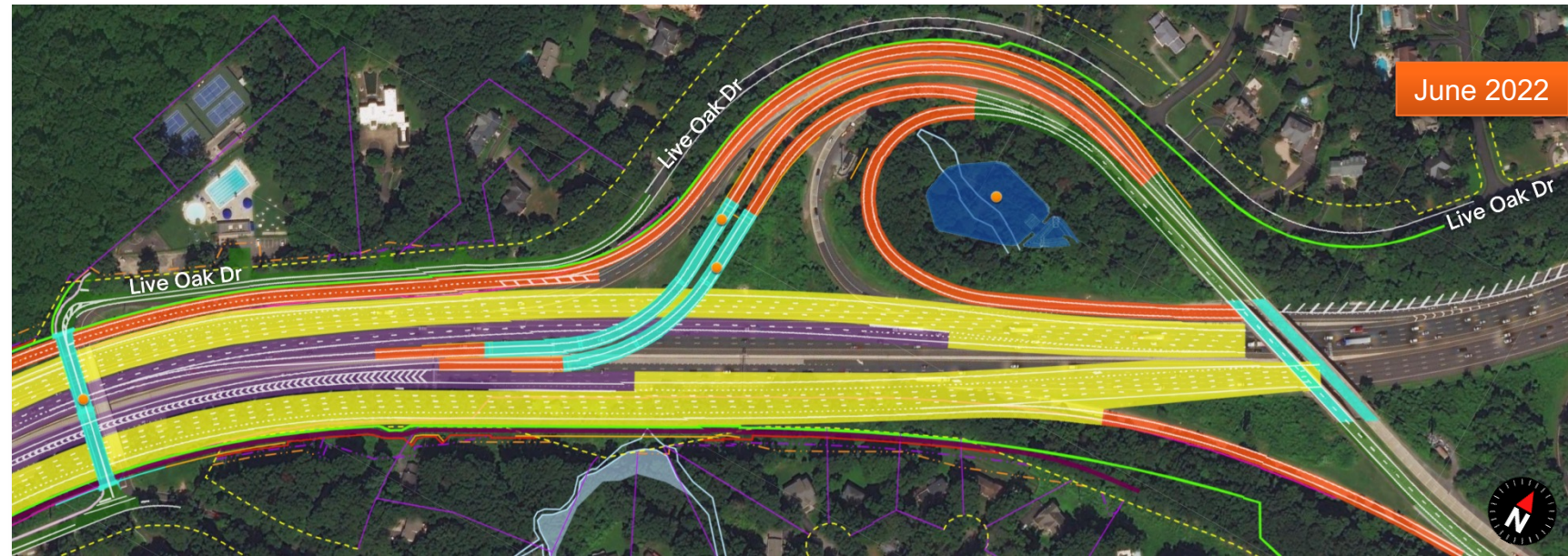
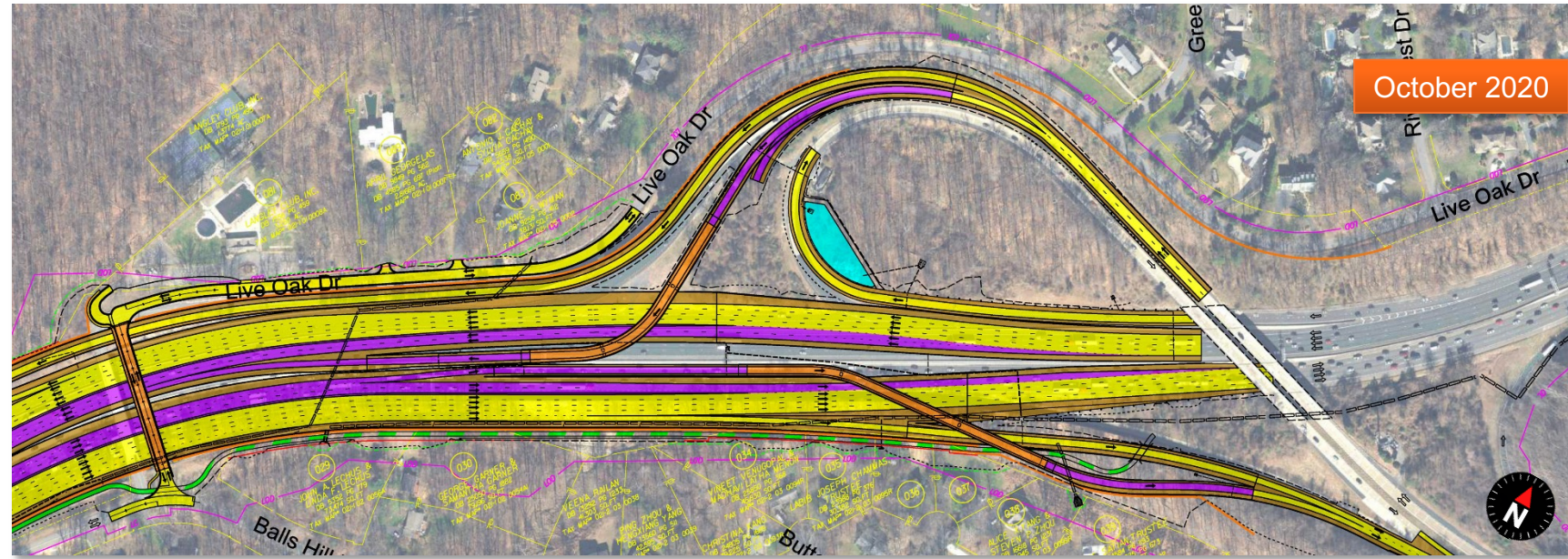
I-495 Express Lanes Northern Extension Project Timeline



Design Updates

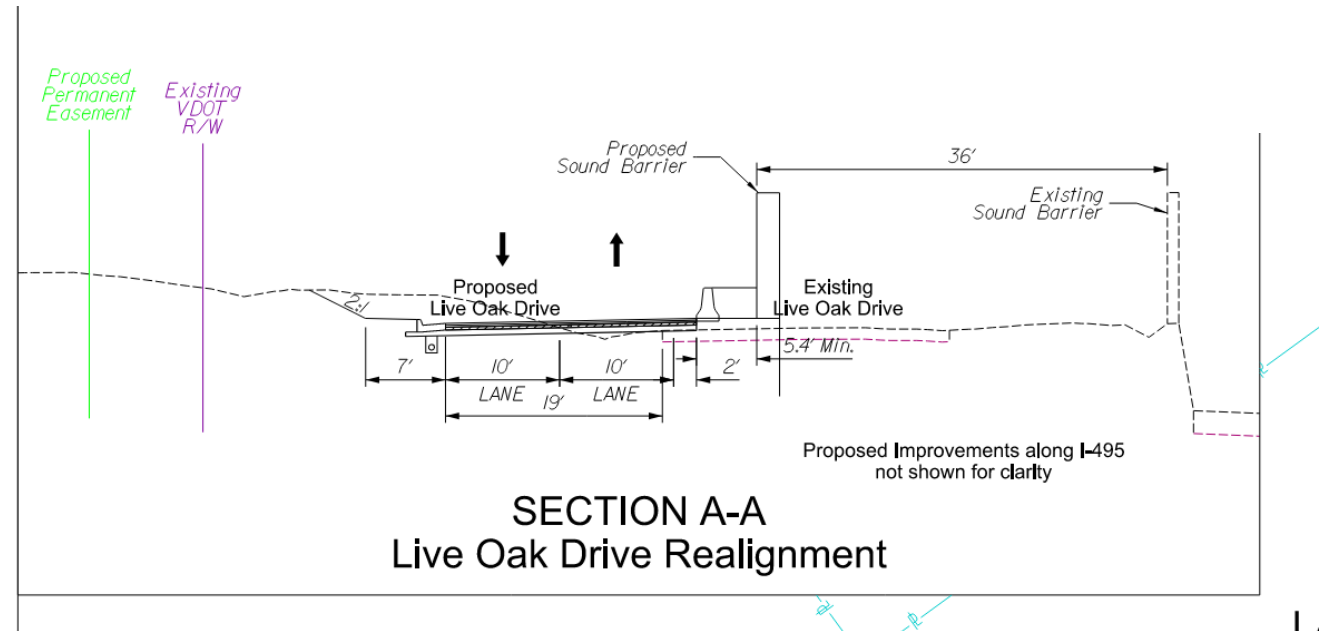
Live Oak Drive

- New Live Oak Drive bridge will be built south of existing bridge
- New bridge location minimizes disruption and allows existing I-495 retaining wall to remain in place during construction
- Design ensures no increase in stormwater flows to sensitive stream outfall that drains through Live Oak community



Typical Section of Realigned Live Oak Drive

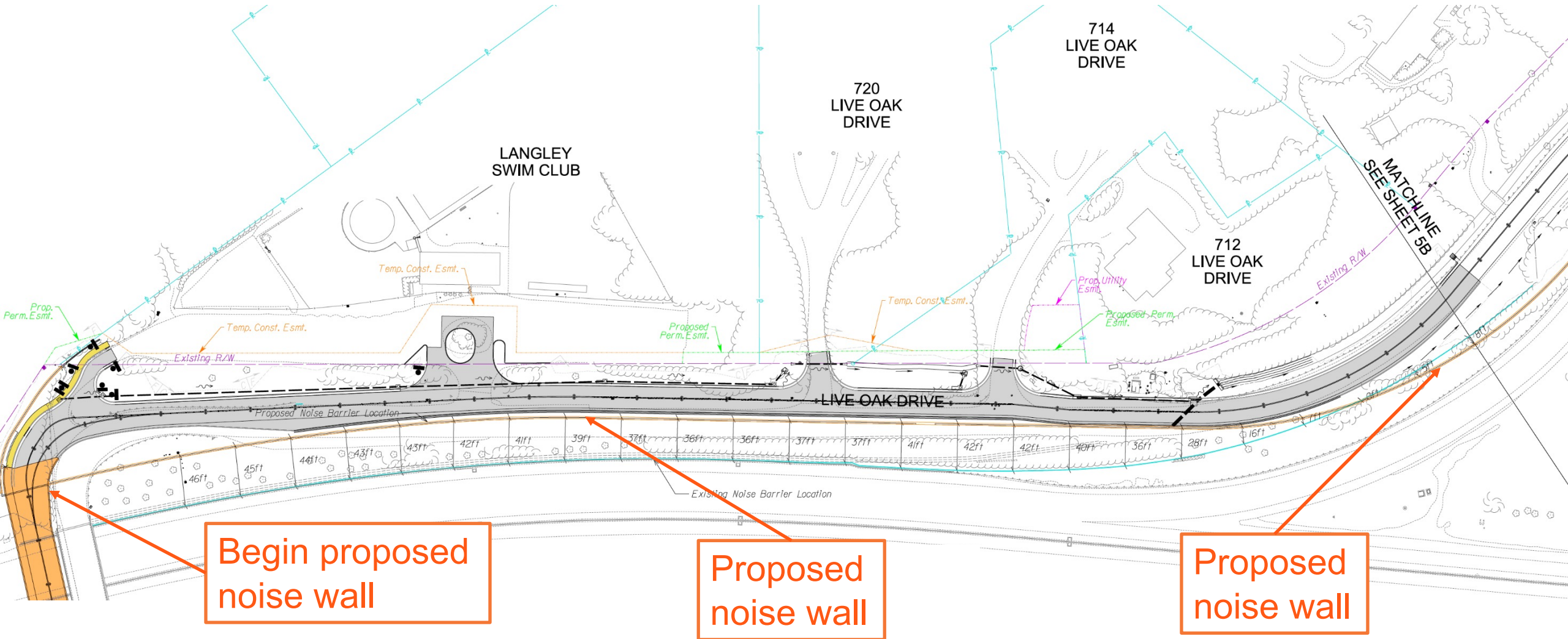
- Updated design for Live Oak Drive based on public input, engineering considerations and efforts to reduce impacts
- Existing noise wall shifted to the west
- Improvements to occur mostly within VDOT right-of-way



Preliminary design subject to change

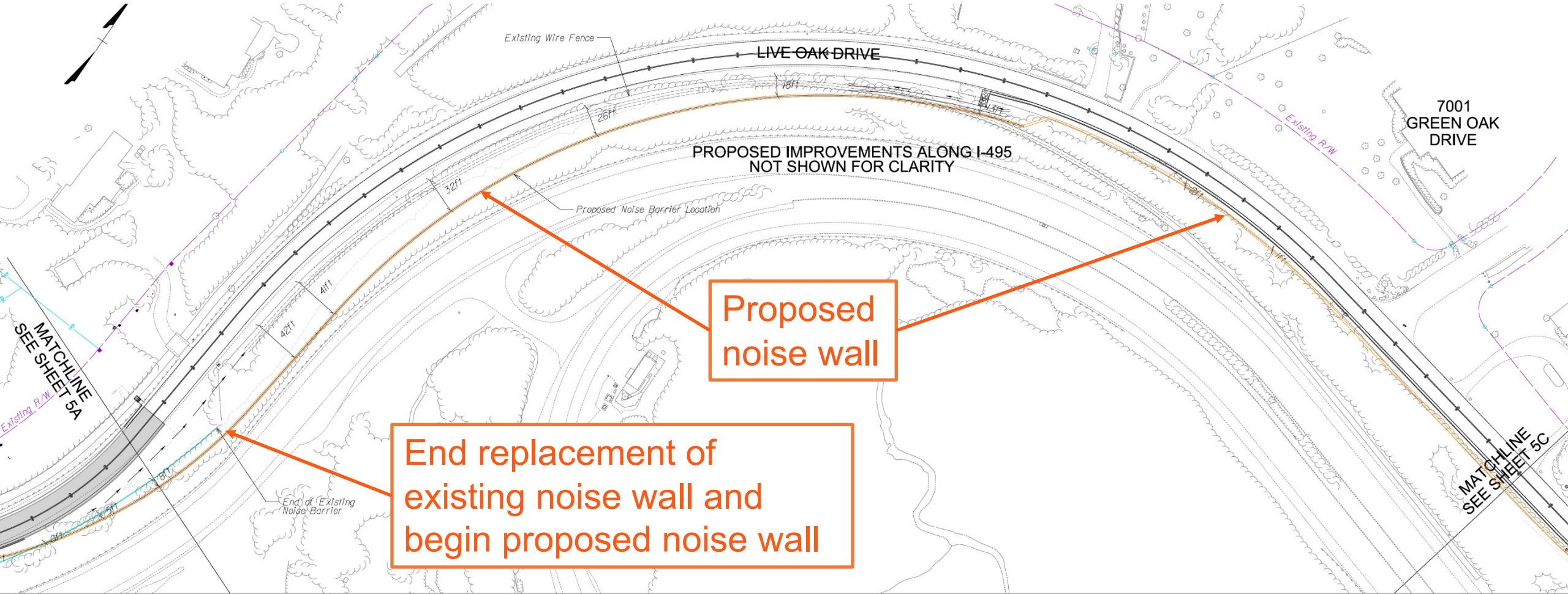
Proposed Noise Wall on Live Oak Drive

(shown with orange line)



Proposed Noise Wall on Live Oak Drive

(shown with orange line)

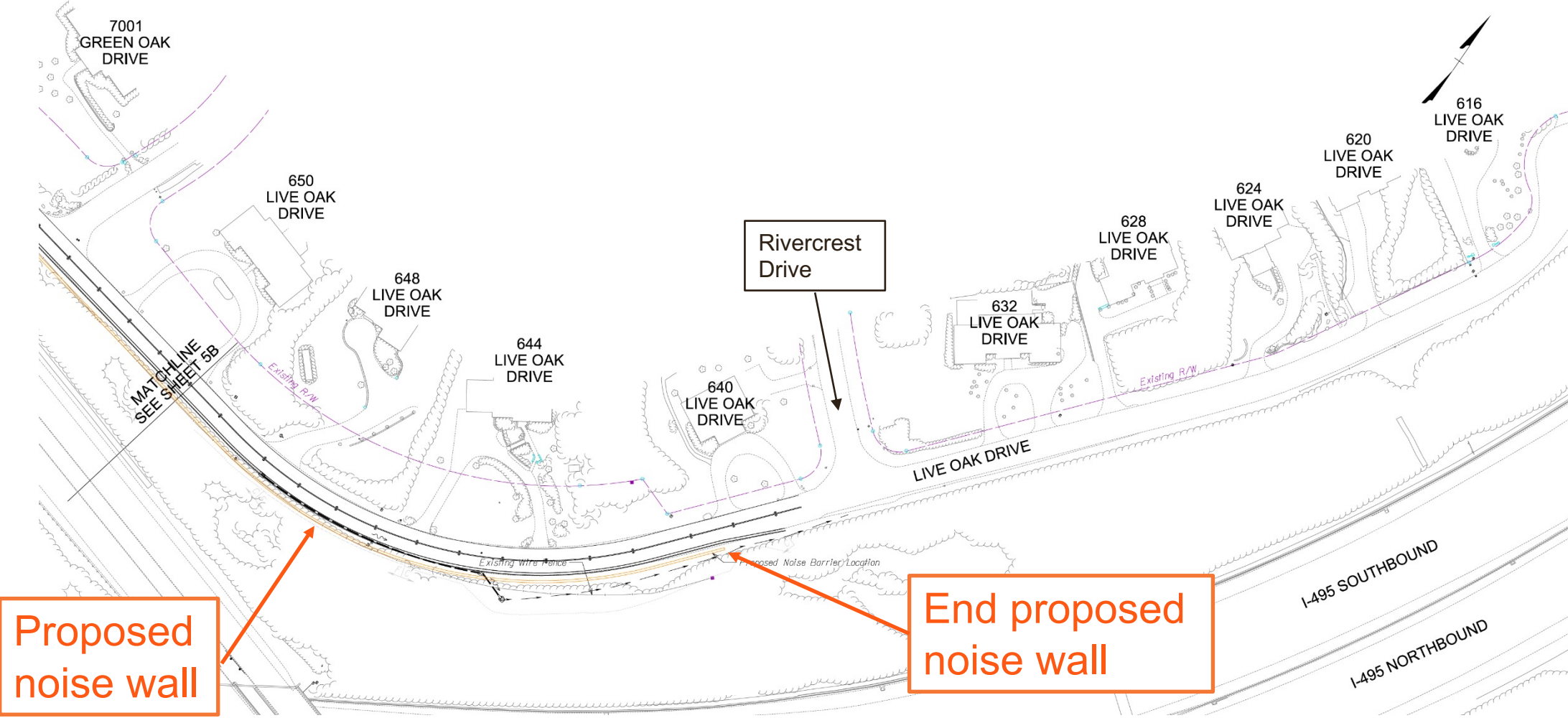


Proposed noise wall

End replacement of existing noise wall and begin proposed noise wall

Proposed Noise Wall on Live Oak Drive

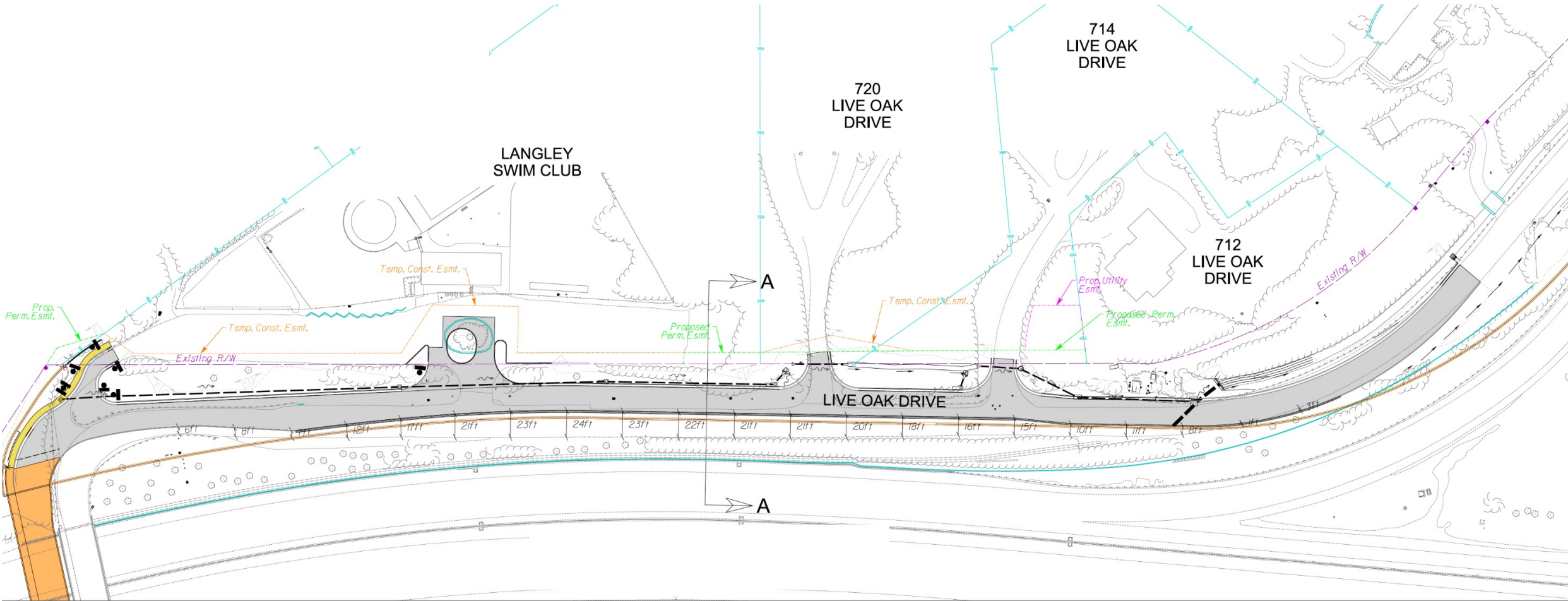
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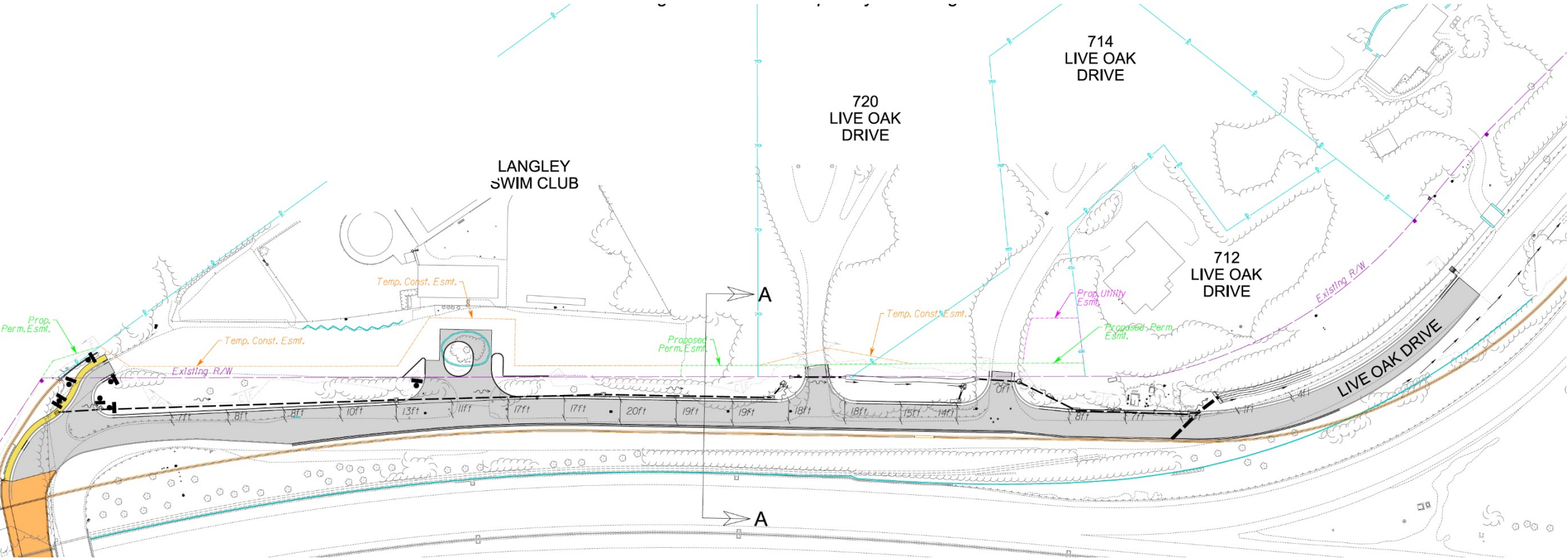
Proposed noise wall

End proposed noise wall

Live Oak Drive Pavement Shift on Eastern Side of Roadway



Live Oak Drive Pavement Shift on Western Side of Roadway



Design Noise Analysis Process

- Final noise analysis to be completed in summer 2022
- Based on design plans and updated traffic:
 - Is the wall warranted?
 - Is the wall feasible?
 - Is the wall reasonable?
- Publish final noise study results and proposed noise wall locations on [495NEXT.org](https://www.495NEXT.org)
- If construction impacts an existing wall, a replacement wall will be provided
- For new walls, input will be solicited from benefited property owners and renters (voting process)
- Include approved noise walls into final plans



Example of dry stack (simulated stone) noise wall

Live Oak Drive Construction Milestones

Live Oak Drive I-495 bridge

- Begin construction: Summer 2022
- Complete new bridge and transfer traffic: 2024
- Demolition of old bridge: 2024

Live Oak Drive shift to west

- Begin construction: Summer 2022
- Complete construction: 2024
- Begin demolition of existing sound barriers/construction of new barriers: Fall 2022
- Complete construction of new sound barriers: 2023

What Residents Can Expect During 2022-23 Construction

- Trees and other vegetation on both sides of existing Live Oak Drive will be removed as needed to shift the road
- Periodic single-lane traffic with flaggers required to shift Live Oak Drive
- Live Oak Drive will be shifted within the limits of VDOT right of way, but the realignment will impact certain properties that have extended onto the right of way

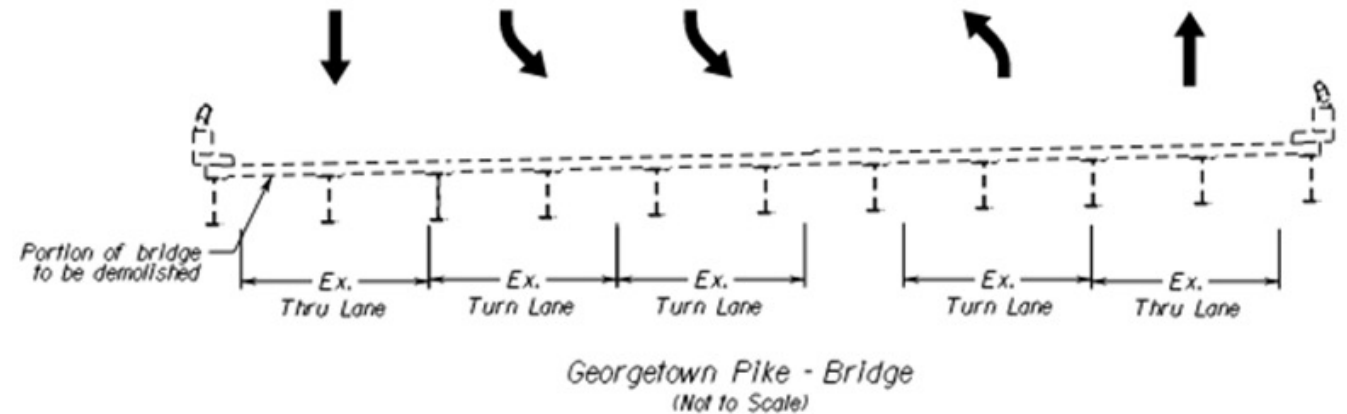


Single-lane traffic operation on Live Oak Drive during January 2022 test boring

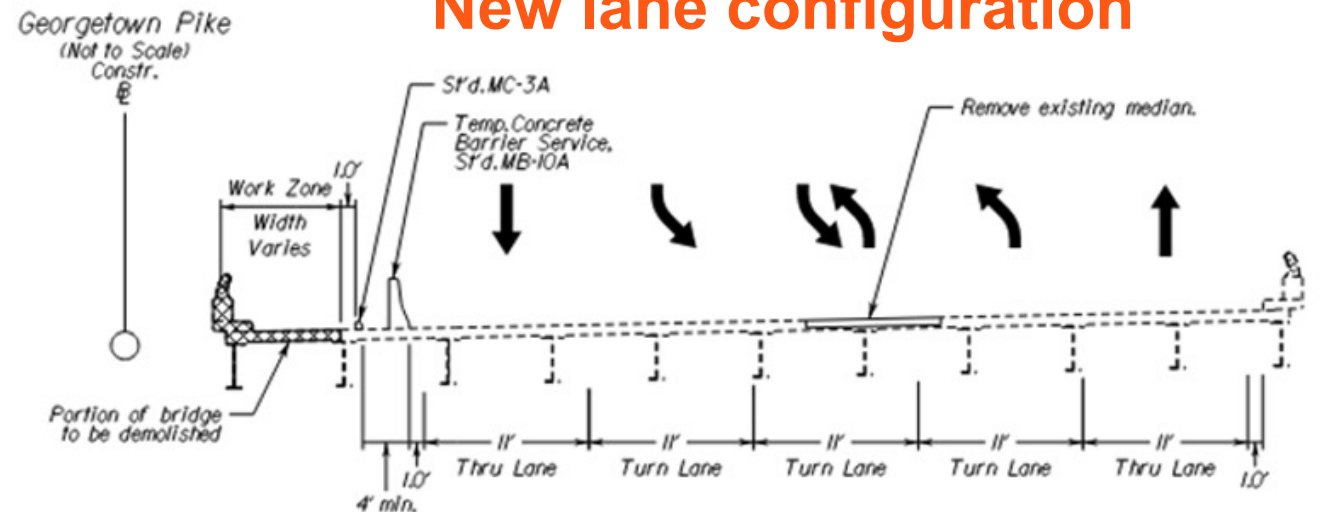
Upcoming Georgetown Pike Bridge Construction

- Following demolition of bridge median and placement of temporary barrier, traffic in both directions will be shifted slightly south on the bridge
- Purpose: Prepare for demolition of northern portion of bridge
- Work begins on/about June 1
- Periodic lane closures will be implemented during non-peak travel periods
- Completion of Georgetown Pike bridge replacement: 2024

Existing lane configuration

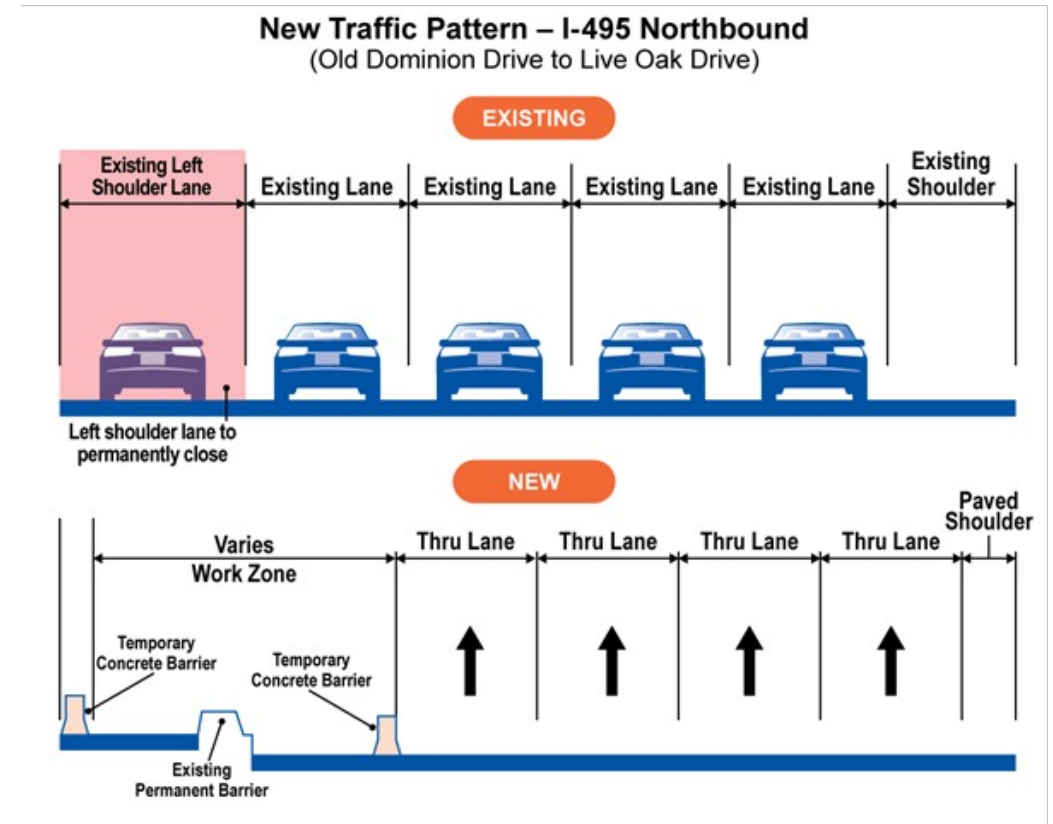


New lane configuration



Upcoming Left-Shoulder Lane Closure on I-495

- **Permanent Closure of northbound left shoulder (green arrow/red X) lane between end of current 495 Express Lanes and GW Parkway**
- **Restriping and realignment to the outside of four lanes of I-495 in same section of Beltway**
- Purpose: Create space in the center of the Beltway to construct bridge piers at Old Dominion Drive, Georgetown Pike and Live Oak Drive
- Work to begin on/about May 31-June 1 overnight
- Temporary barriers will be placed to secure the center work zone for the safety of travelers and workers



Upcoming Project Update Meetings

In-Person Meeting

June 6, 2022

6:30 – 8:30 p.m. (presentation at 7 p.m.)

Langley High School Auditorium

6520 Georgetown Pike, McLean, VA 22101

Virtual Meeting

June 7, 2022

6:30 – 8:30 p.m. (presentation at 6:30 p.m.)

Meeting details at 495NEXT.org

Stay Informed/Public Information Tools

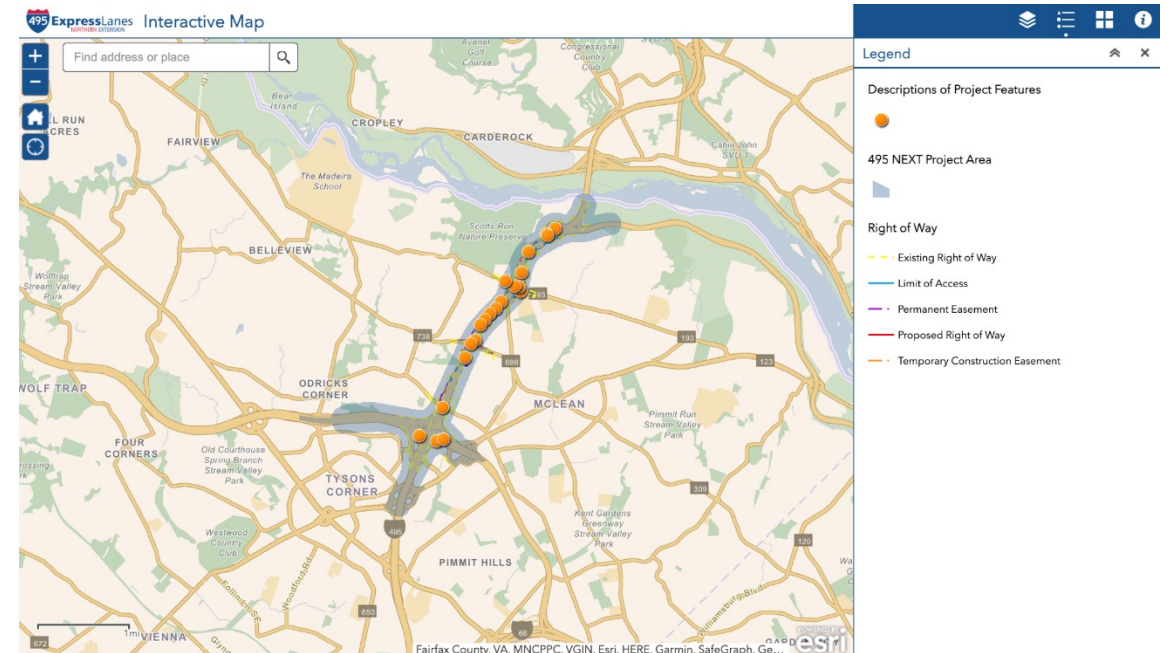
- Check out www.495NEXT.org

- Email 495NorthernExtension@VDOT.Virginia.gov

- **Contacts**

- **VDOT: Michelle Holland, 703-586-0487**
- **Transurban: Brent McKenzie, 571-326-5609**
- **Lane: John Undeland, 703-785-3461**

Use QR code to sign up for project update emails





Maryland and Virginia Coordination

Maryland and Virginia working together to coordinate Maryland's Phase 1 South project and Virginia's 495 NEXT project

Key Elements:

- Provide a new American Legion Bridge and new bicycle and pedestrian access to connect trails on both sides of Potomac River.
- Final agreement will define how Maryland and Virginia projects will “interface” including:
 - Design and construction requirements
 - Operations and maintenance roles
 - Seamless regional dynamic toll lane network with each state operating its system independently

