



1. Improvements at Hydraulic Road/U.S. 29 Intersection
2. Construction of Pedestrian Bridge Over U.S. 29 Near Zan Road
3. Construction of Roundabout at Hydraulic Road/Hillsdale Drive
4. Access Management Improvements at Michie Dr. and Brandywine Dr.

TRANSPORTATION IMPROVEMENTS AT HYDRAULIC ROAD AND US 29

HYDRAULIC COMMUNITY ADVISORY COMMITTEE MEETING

Will Stowe, P.E., DBIA

February 12th, 2024

Project Team



Curtis Contracting Inc.



EPRPC

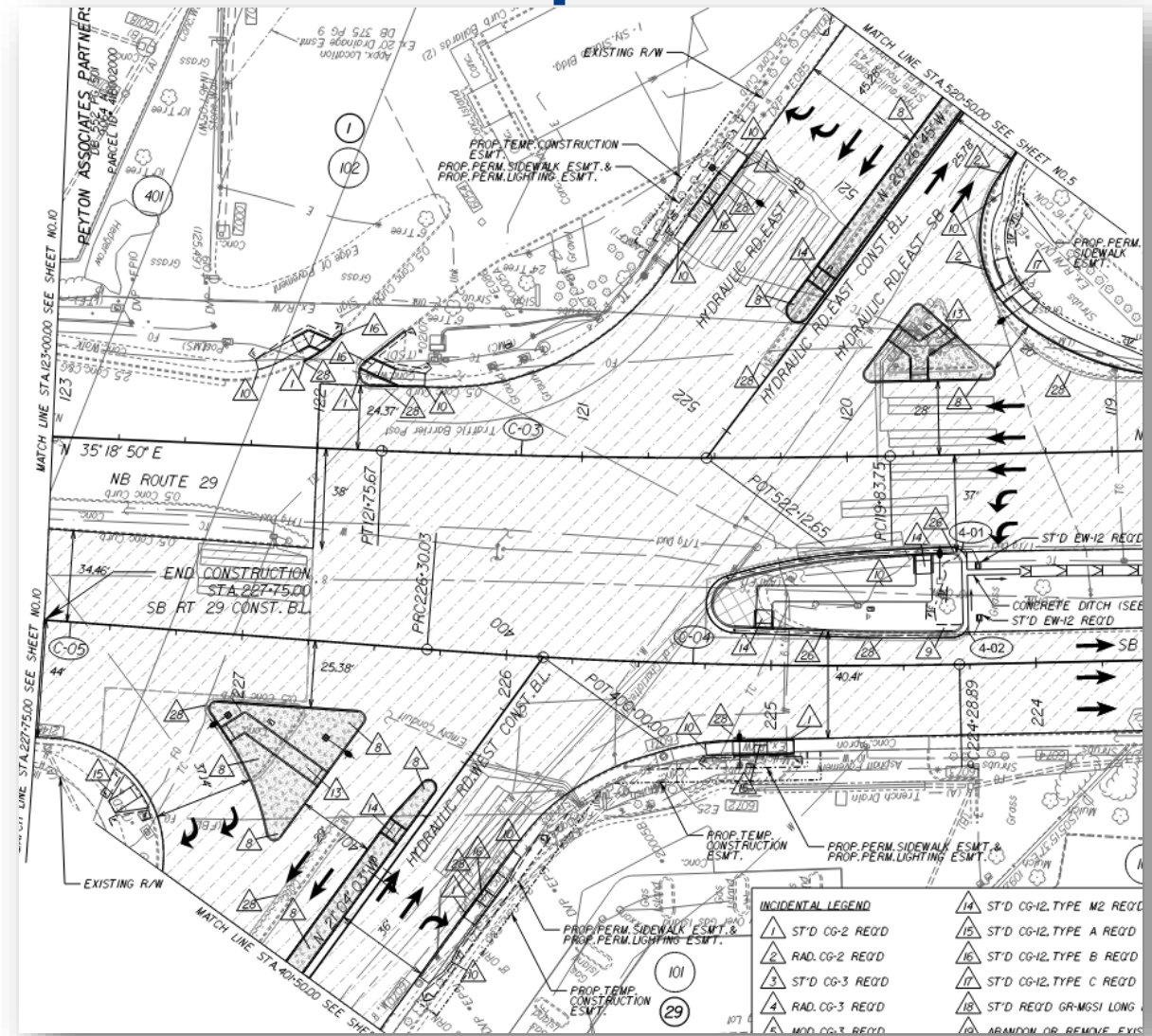


Key Contract/Schedule Information

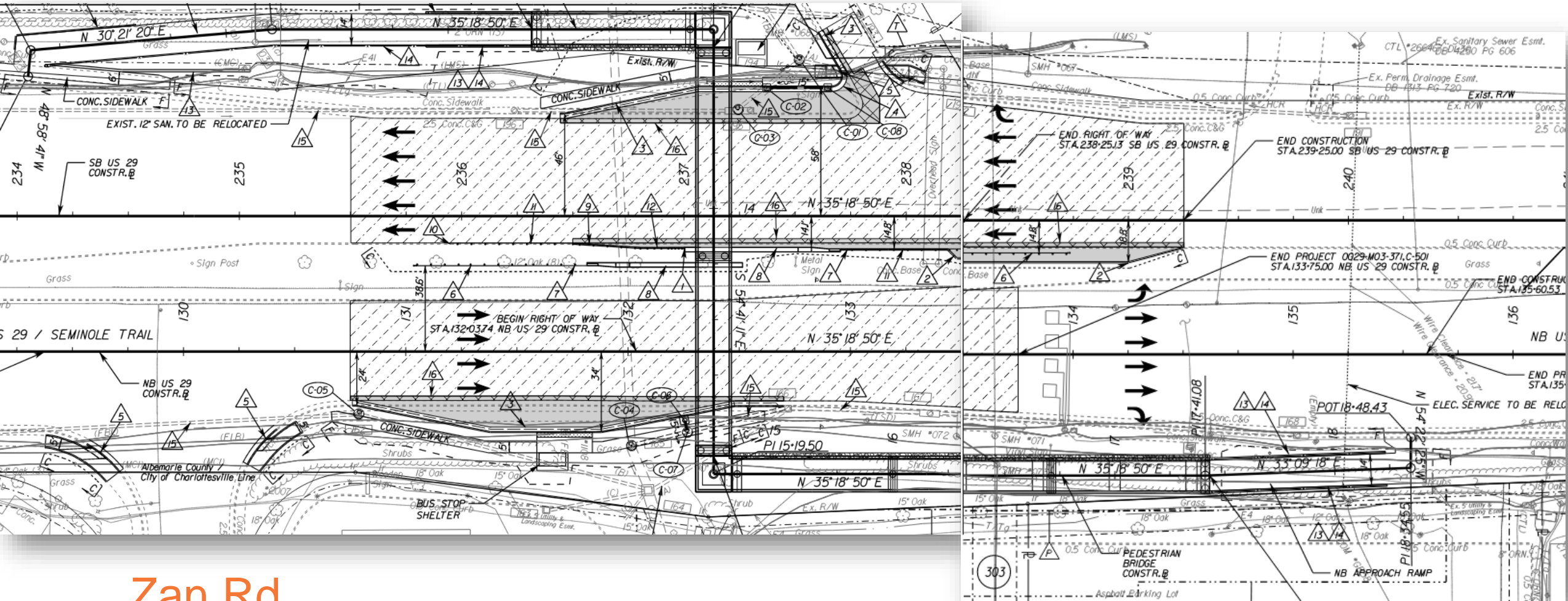
- **Design-Build contract delivery method**
- **Contract Value \$20,788,119.29**
- **Notice to Proceed May 10, 2023**
- **Notice to Commence Construction January 29, 2024**
- **Final Completion October 31, 2025**
- **Temporary Hydraulic/Hillsdale Intersection Closure**
- **General Allowable Lane Closure hours are from 9:00 PM to 6:00 AM**

Element A – Hydraulic Rd and Route 29 Improvements

- Improve traffic operations by removing left turn lanes from Hydraulic Road.
- The average reduction in TT is approximately 35% on US 29 and 18% on Hydraulic Road.
- Improve pedestrian safety by installing new crosswalks on 3 approaches, upgrading ADA ramps and installing lighting.

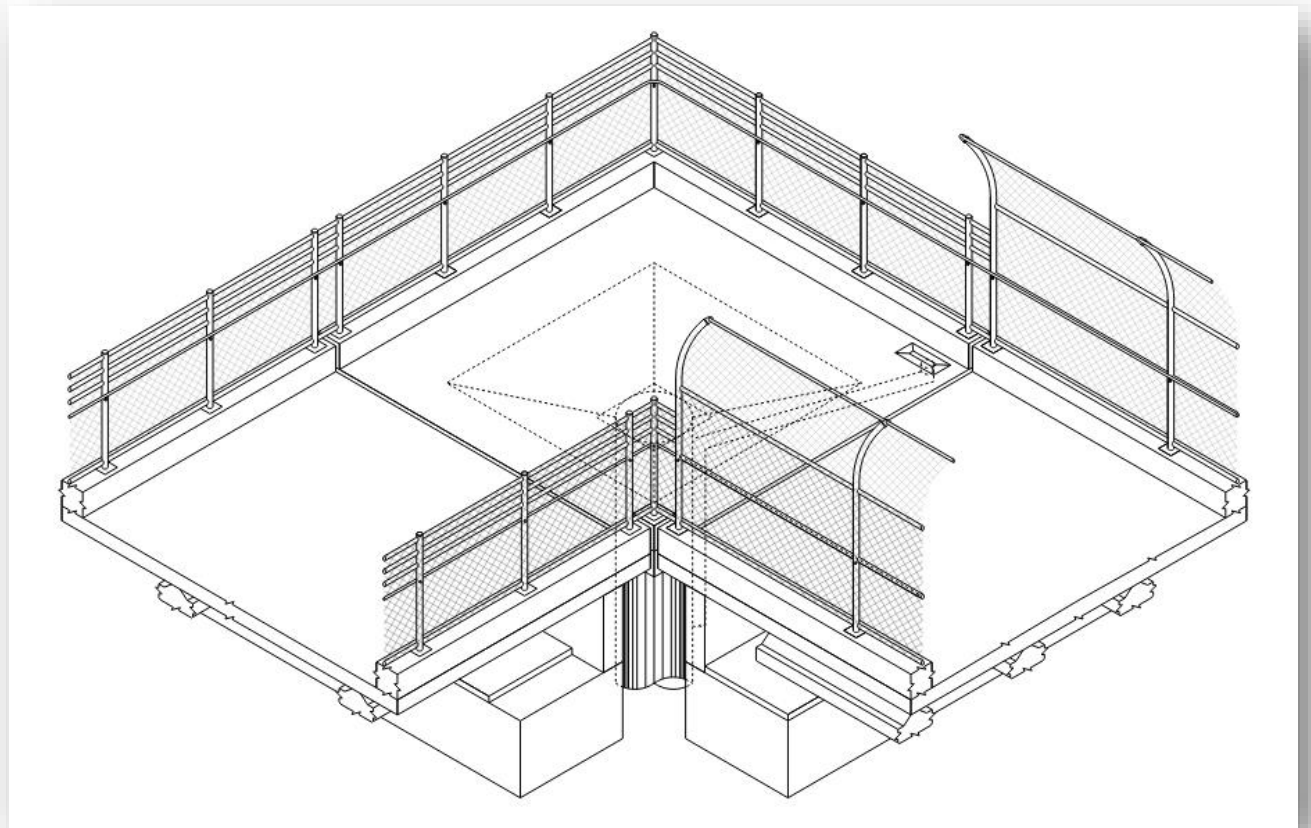
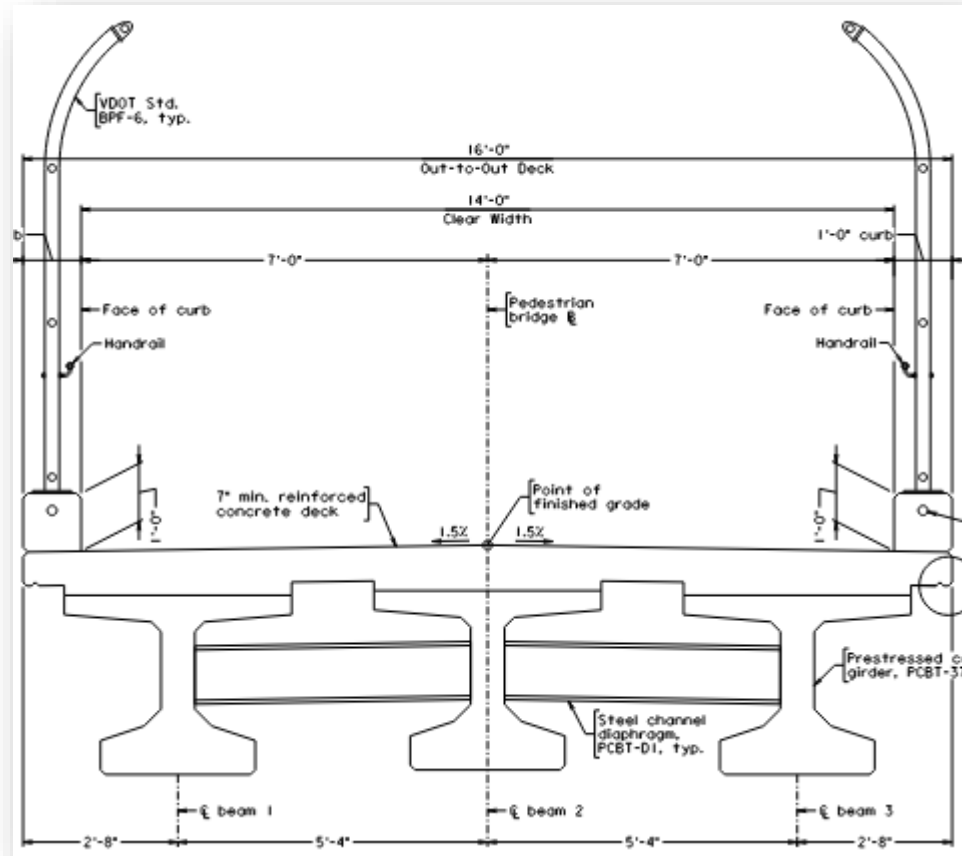


Element C – Pedestrian Bridge over Route 29

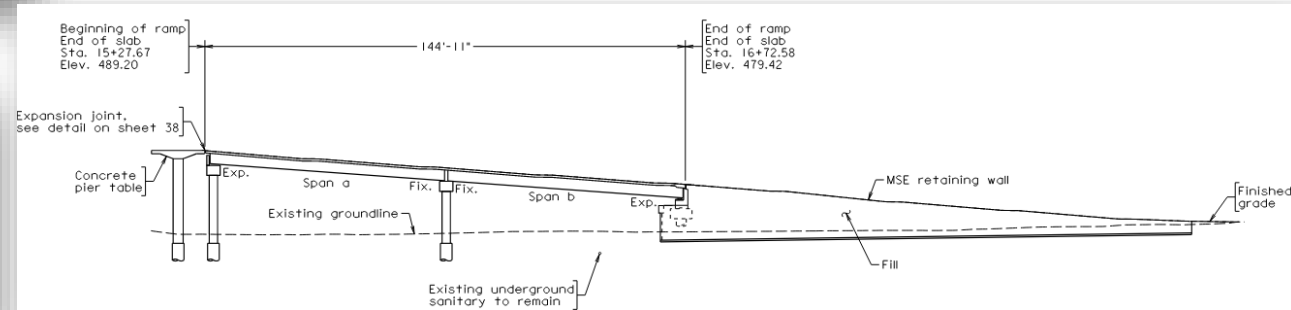
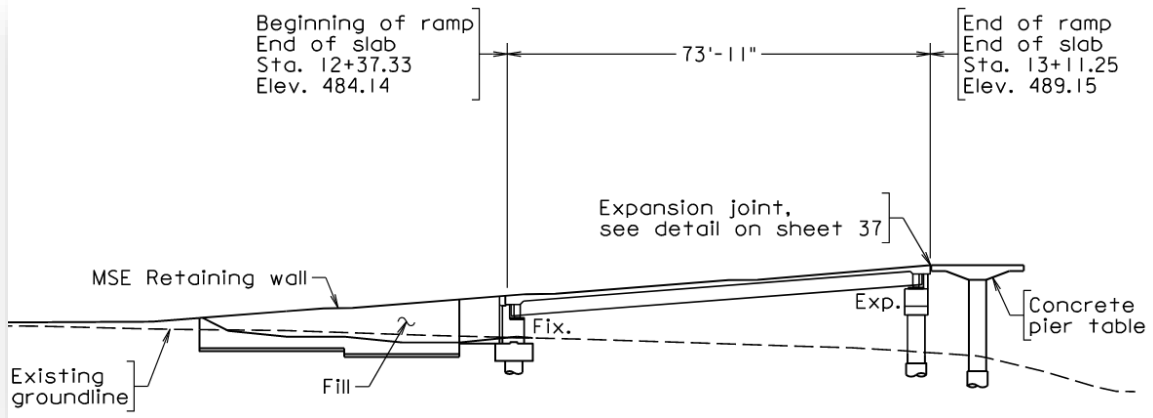
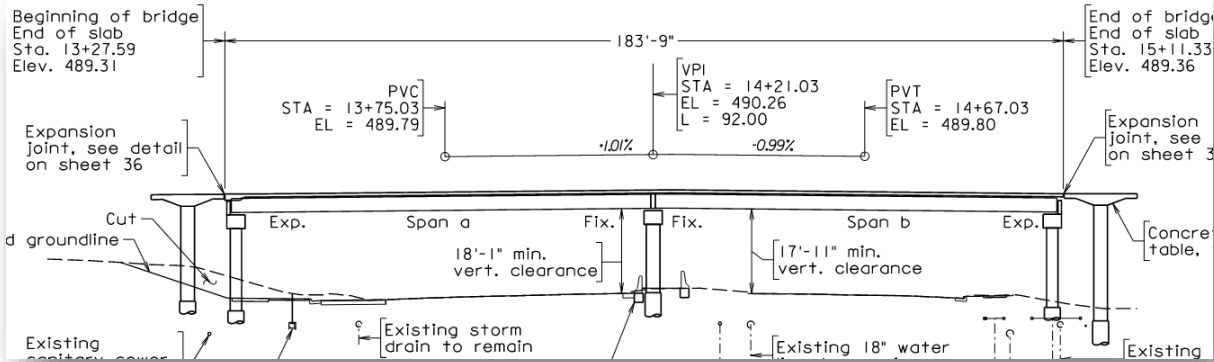


Zan Rd.

Element C – Pedestrian Bridge over Route 29



Element C – Pedestrian Bridge over Route 29

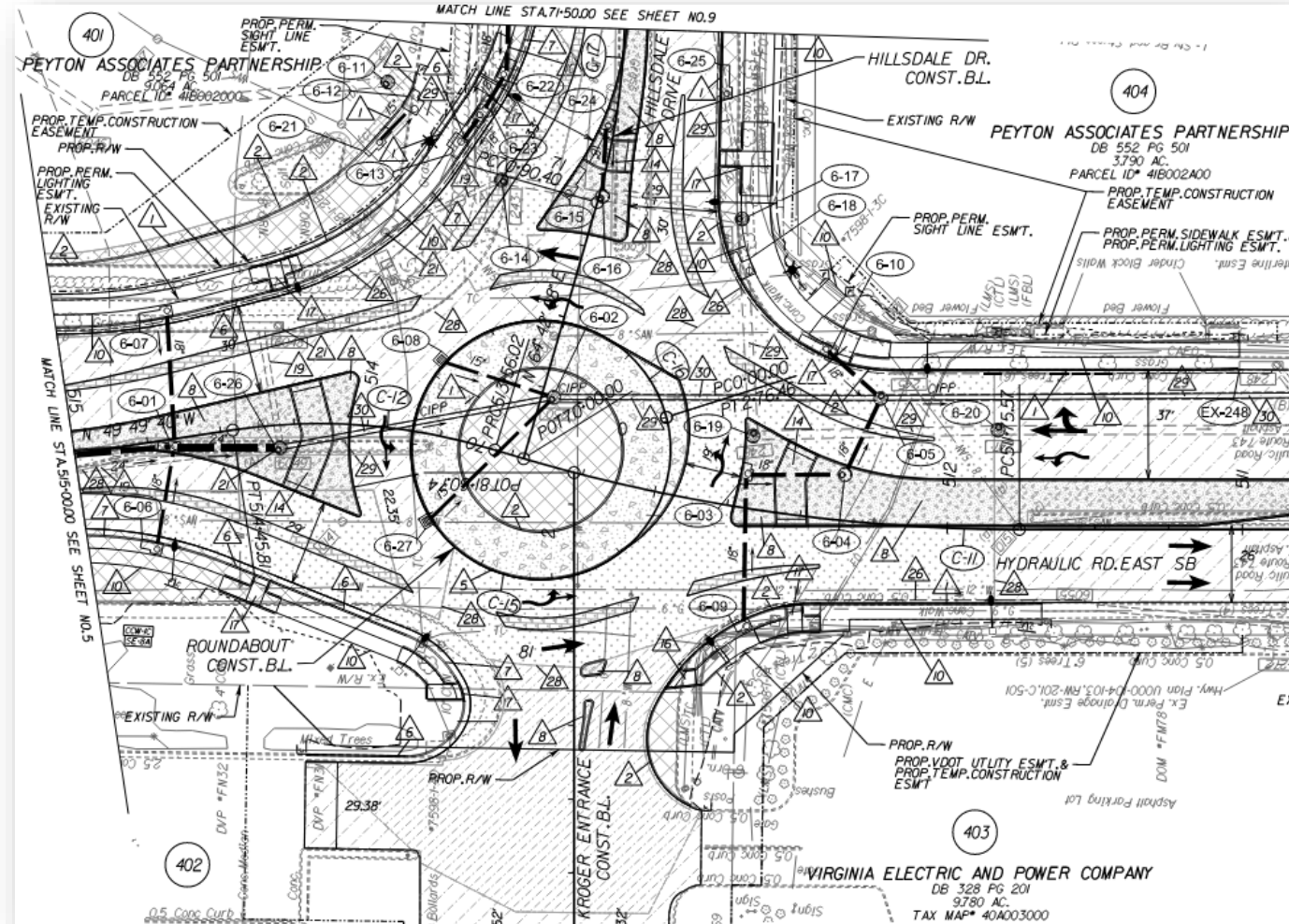


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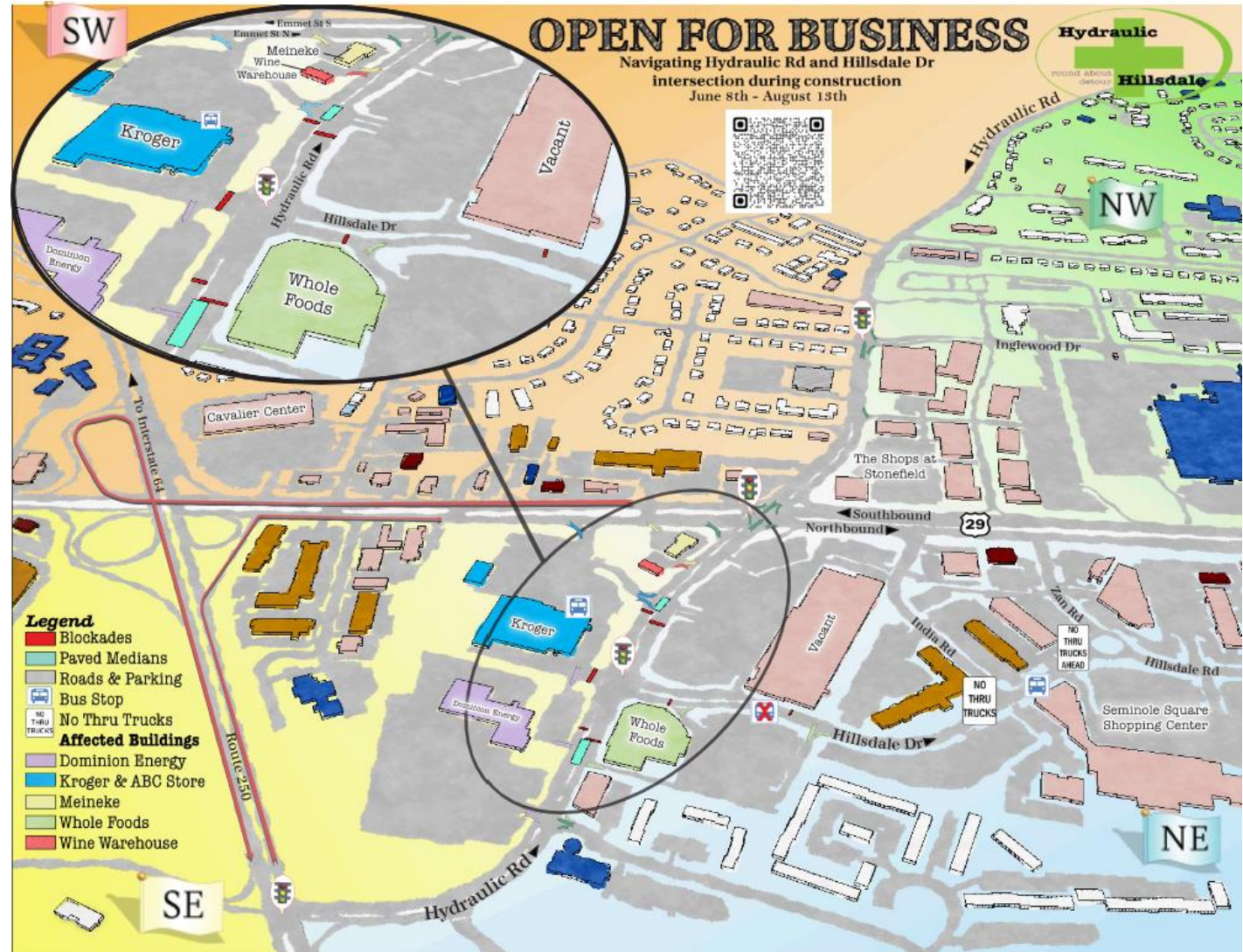
Element D – Hydraulic Rd / Hillsdale Dr. Roundabout

- Improve safety and traffic flow
- Provide crosswalks and ADA ramps on all approaches
- Provides street lighting at all cross walks and along Hillsdale
- Facilitates U-turn movements for Hydraulic EB and Brandywine/Michie
- Landscaping provided in center of roundabout
- Lane buffer strips will be terra cotta brick stamped pattern



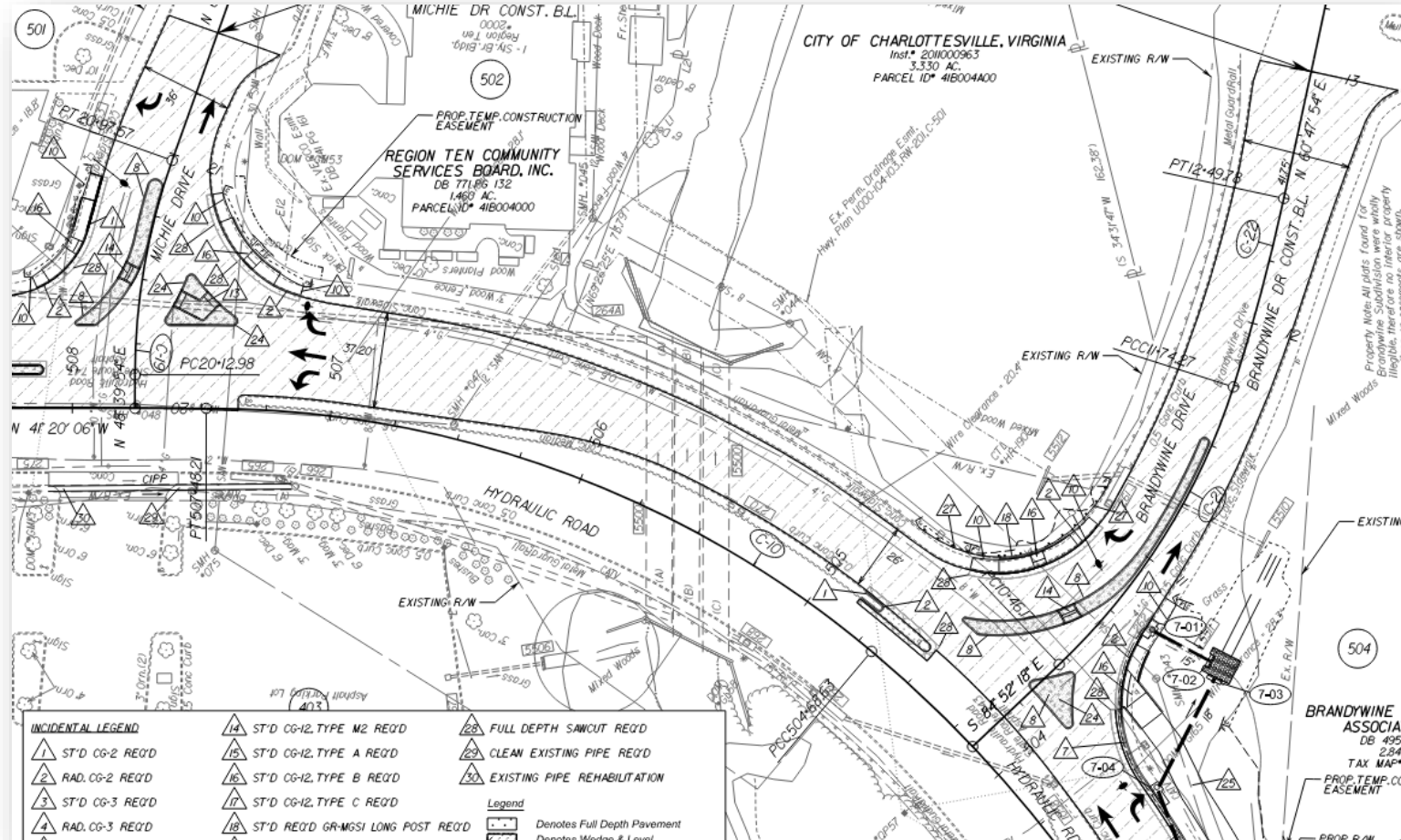
Hillsdale Dr. / Hydraulic Rd. Detour

- 46 day detour allowed
- Incentive for completing early/disincentive for finishing late
- Planned for summer of 2024 when Charlottesville City/ Albemarle County Schools are out
- Option to take place during Summer of 2025



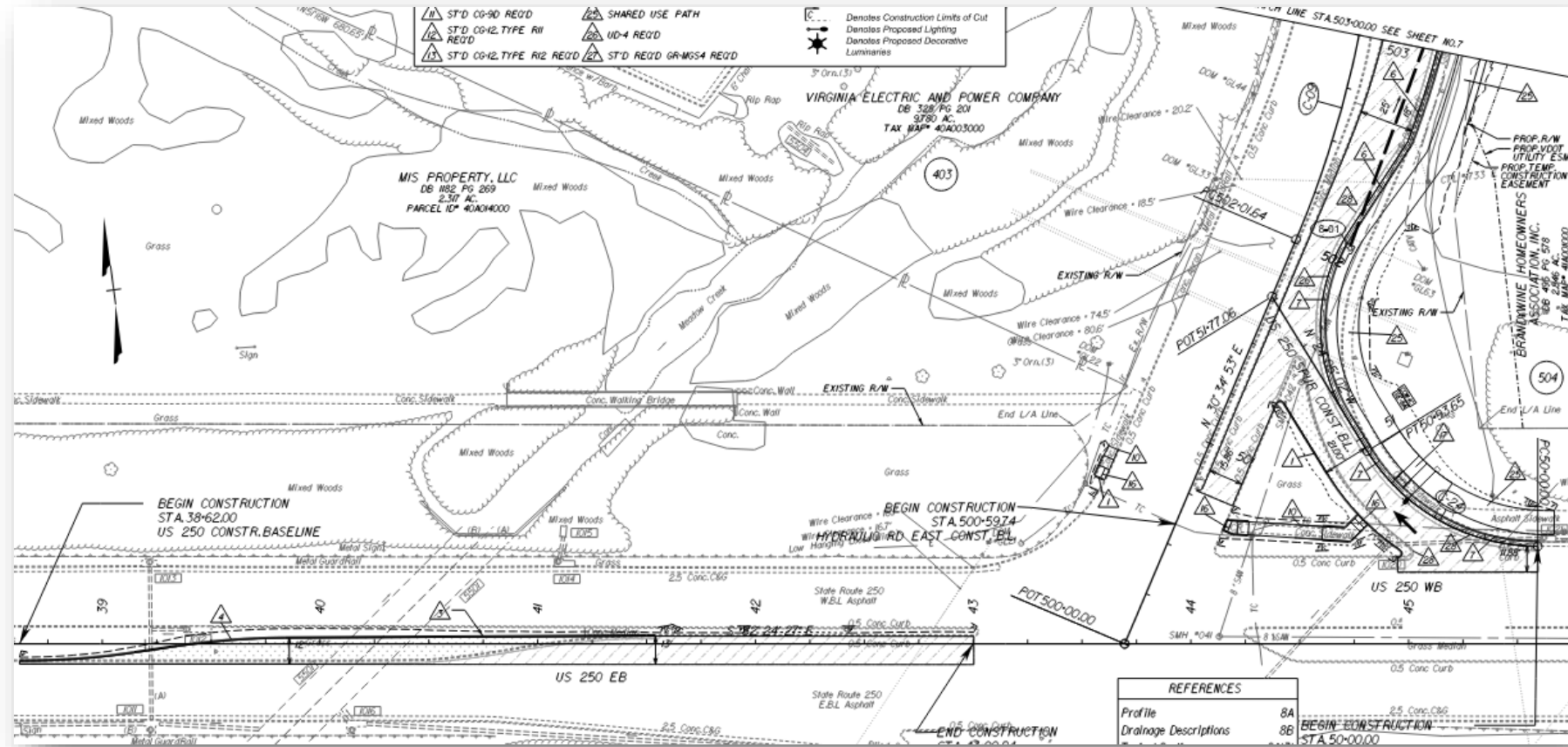
Element E – Brandywine Dr /Michie Dr Improvements

- Restrict left turning movements improving traffic flow and safety
- Left turns can still be accomplished by U-turns at roundabout
- This work takes place after the roundabout is functional
- Crosswalks ADA ramps and street lighting



Change Order 01 – Route 250 Left Turn Lane Extension

- Double turn lane storage capacity
- SUP connection
- Improve turn radius
- Crosswalk, ADA ramps and street lighting



Comments, Questions?