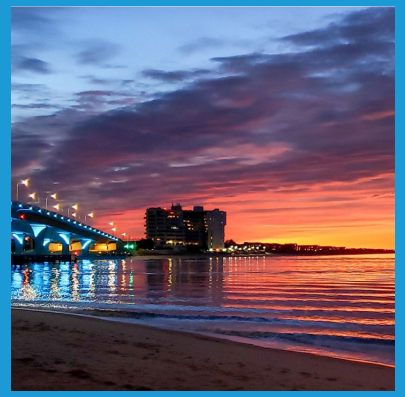






Eastern Shore Drive Drainage Improvements
Phase I Section II
Poinciana Pump Station

Cape Story by the Sea Civic League

Jeff VanFossen, P.E. / September 21, 2026

CITY OF VIRGINIA BEACH



Agenda

- Brief Project Background
- New Pump Station
- Outfall Alignment
- MOT (Traffic and Detours)
- Schedule Update

2

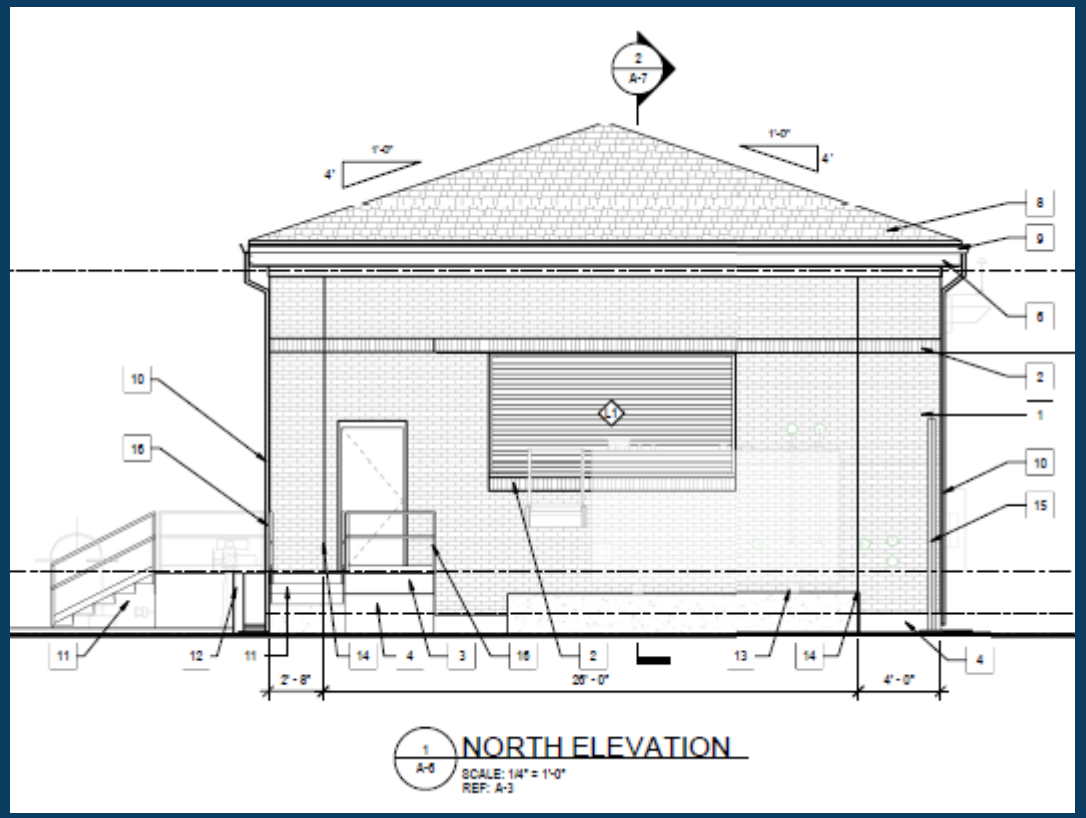
New Poinciana Pump Station

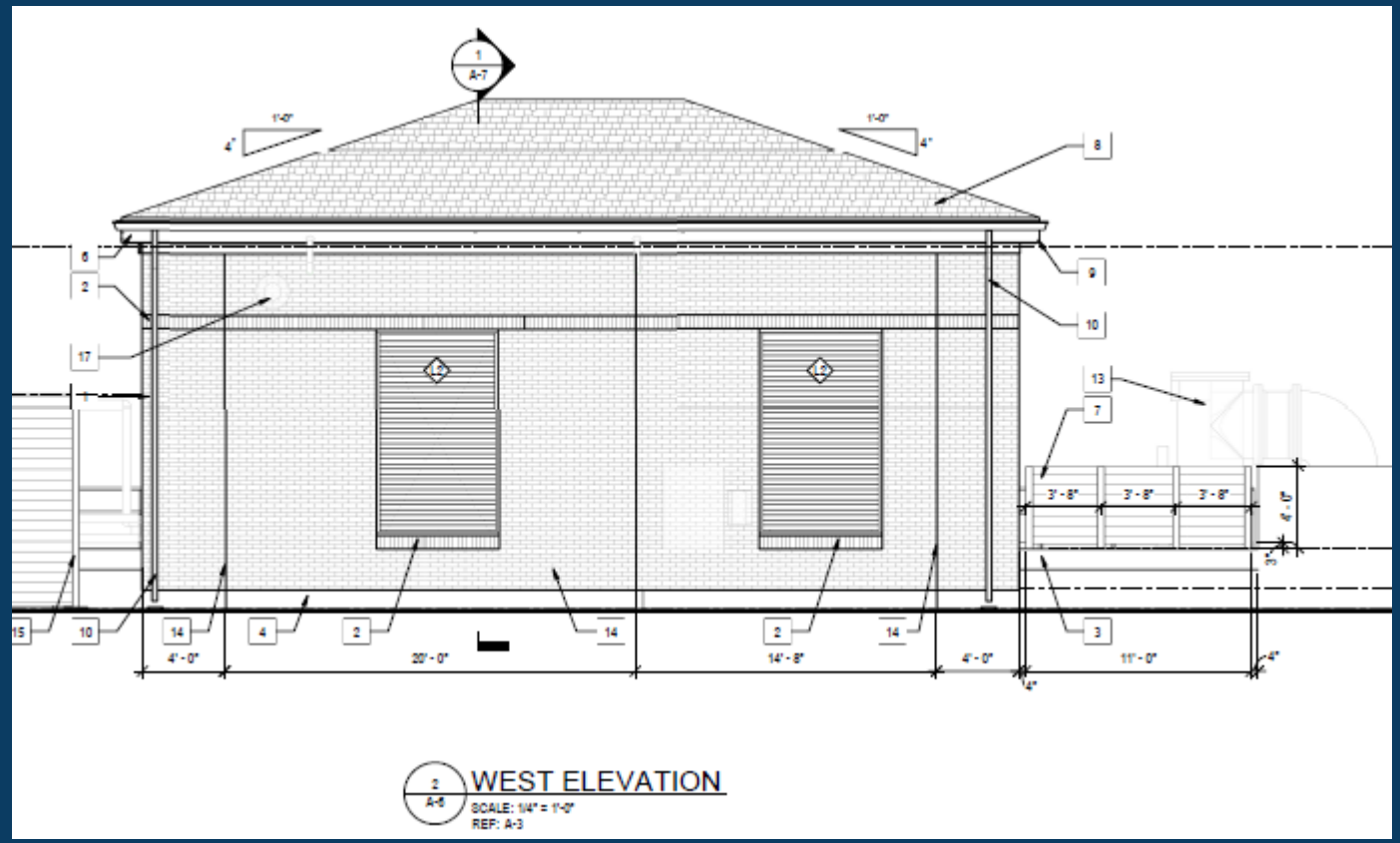


New Pump Station

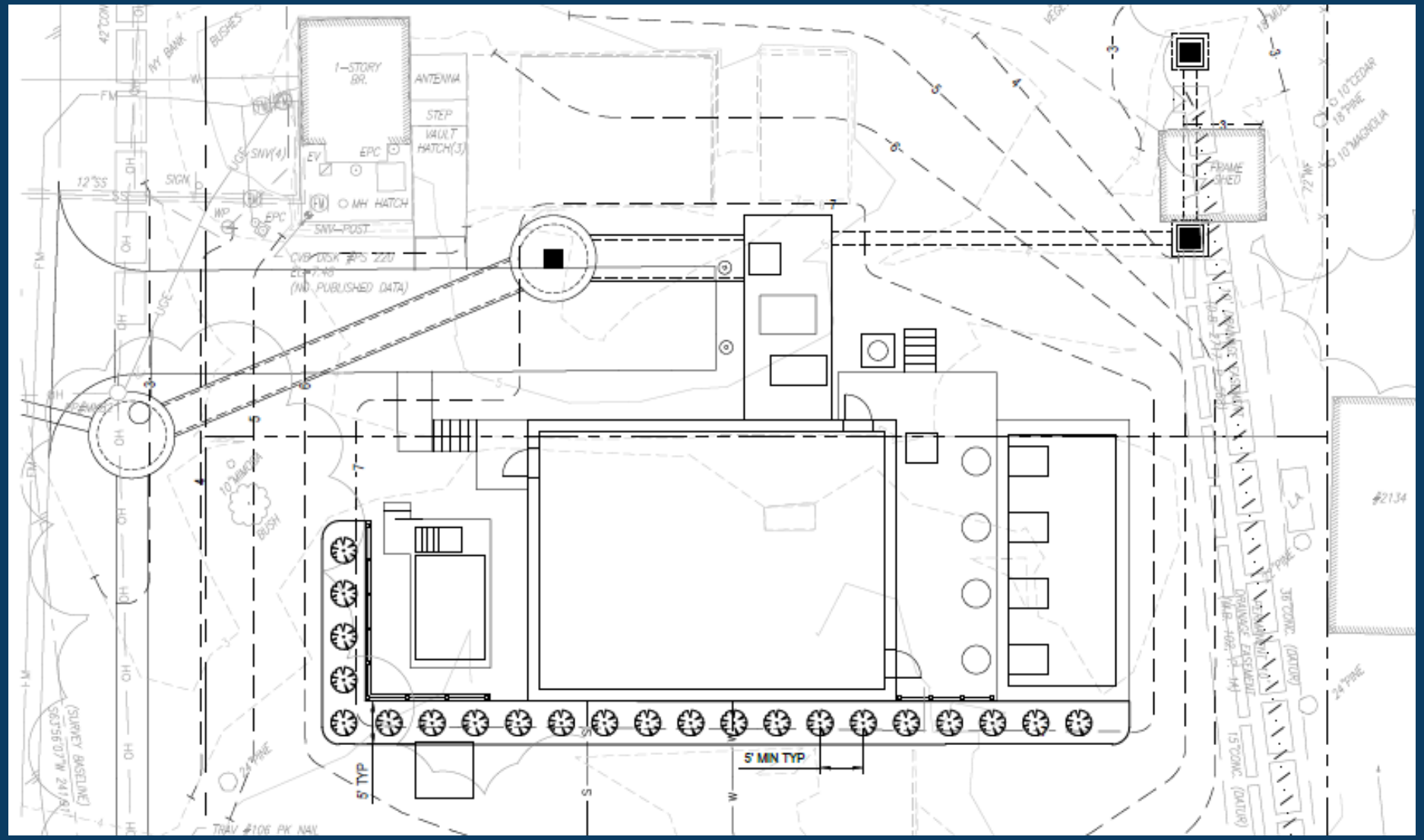
- 80cfs
- 4 pumps
- Materials selection
- Screening

New Poinciana Pump Station

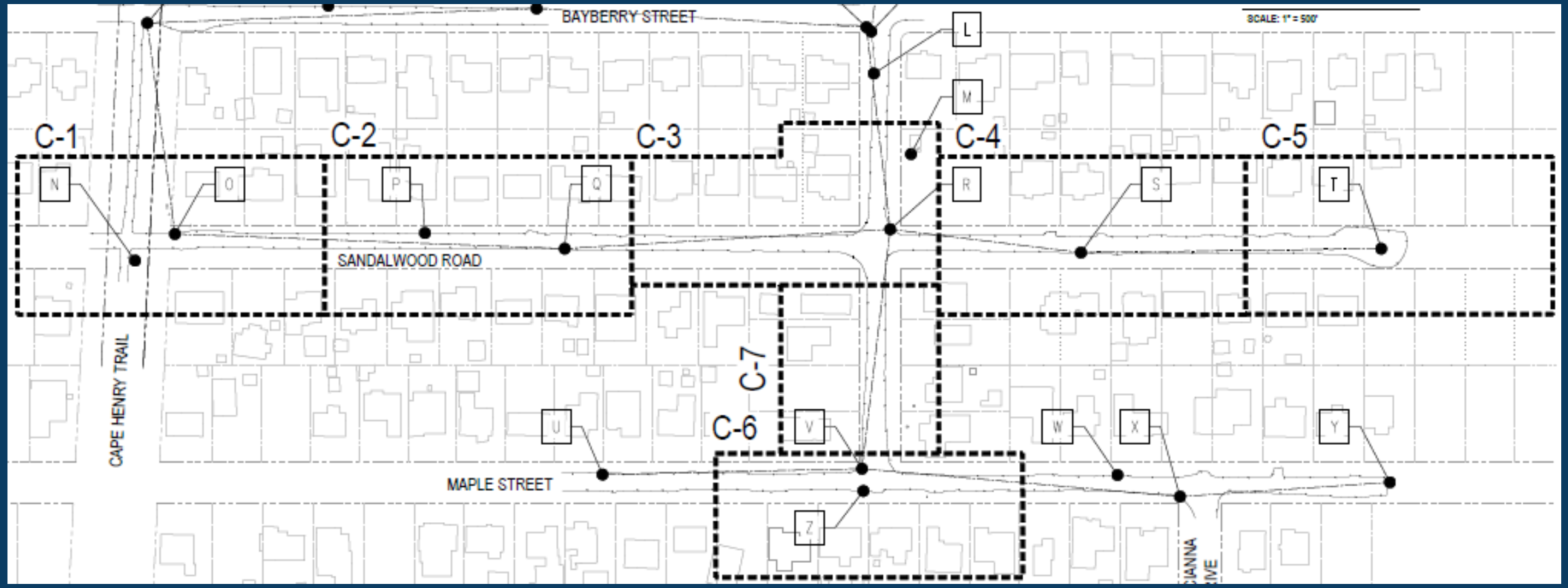




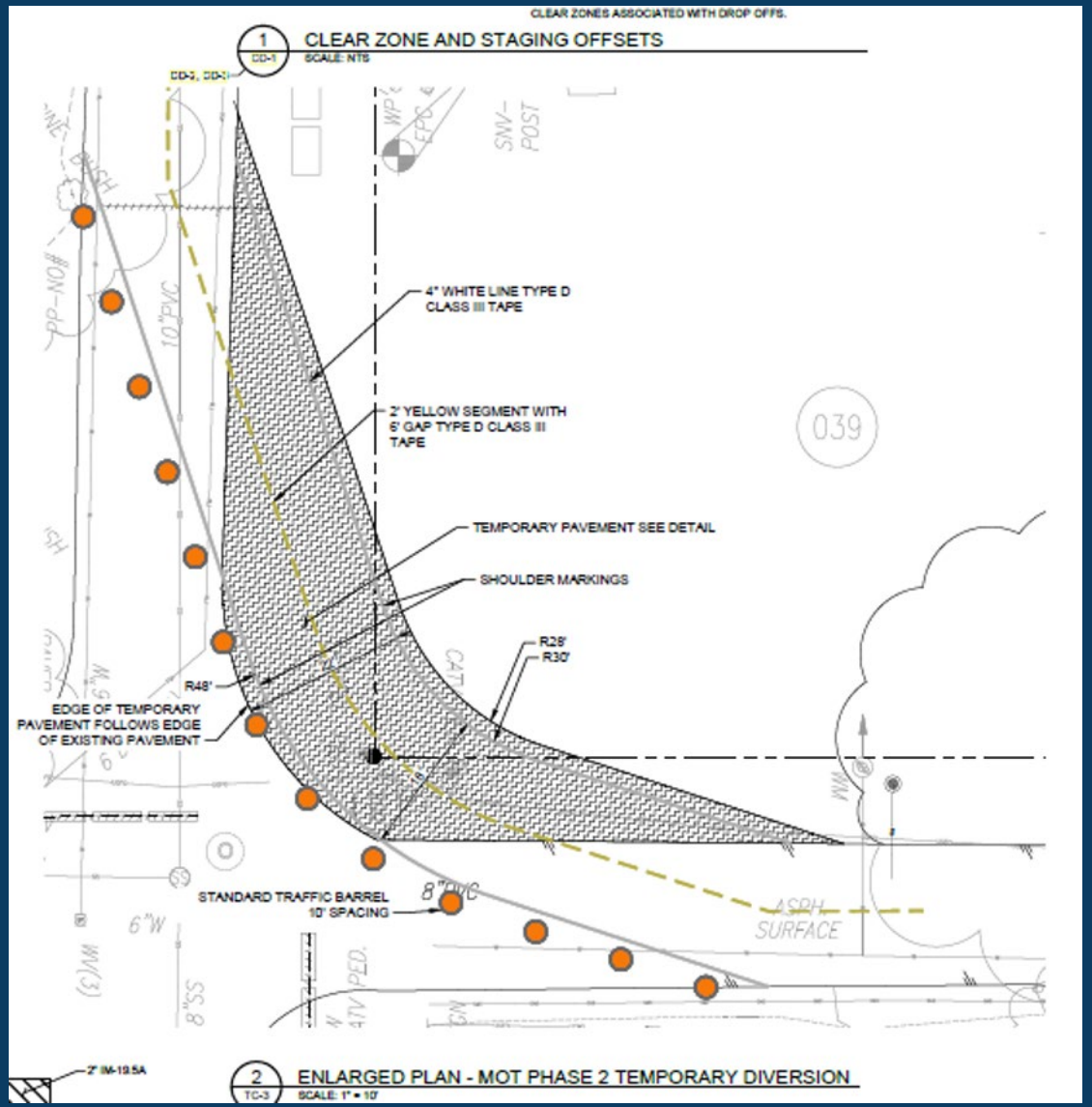
New Poinciana Pump Station

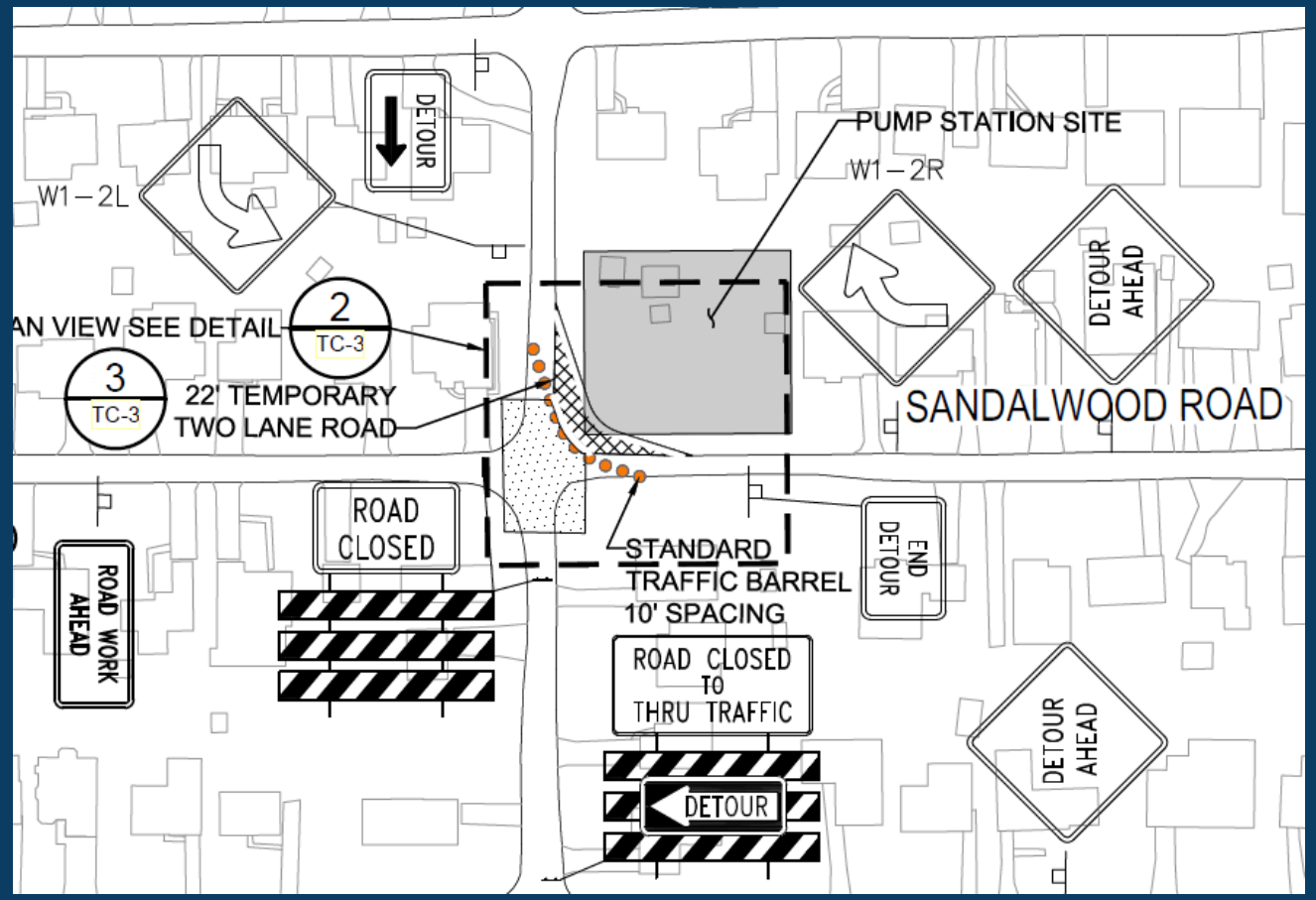


Outfall Alignment

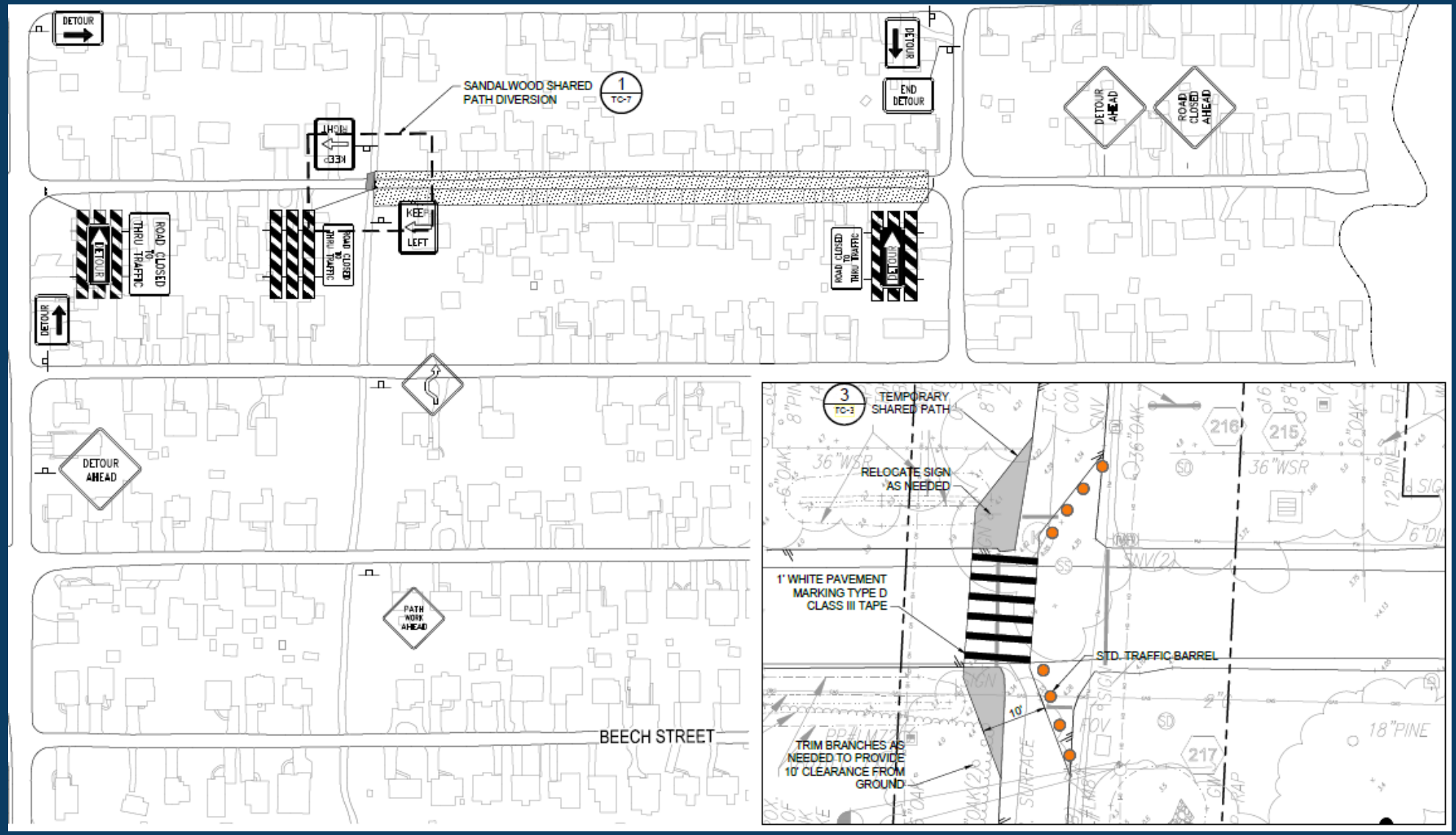


MOT (Traffic and Detours)

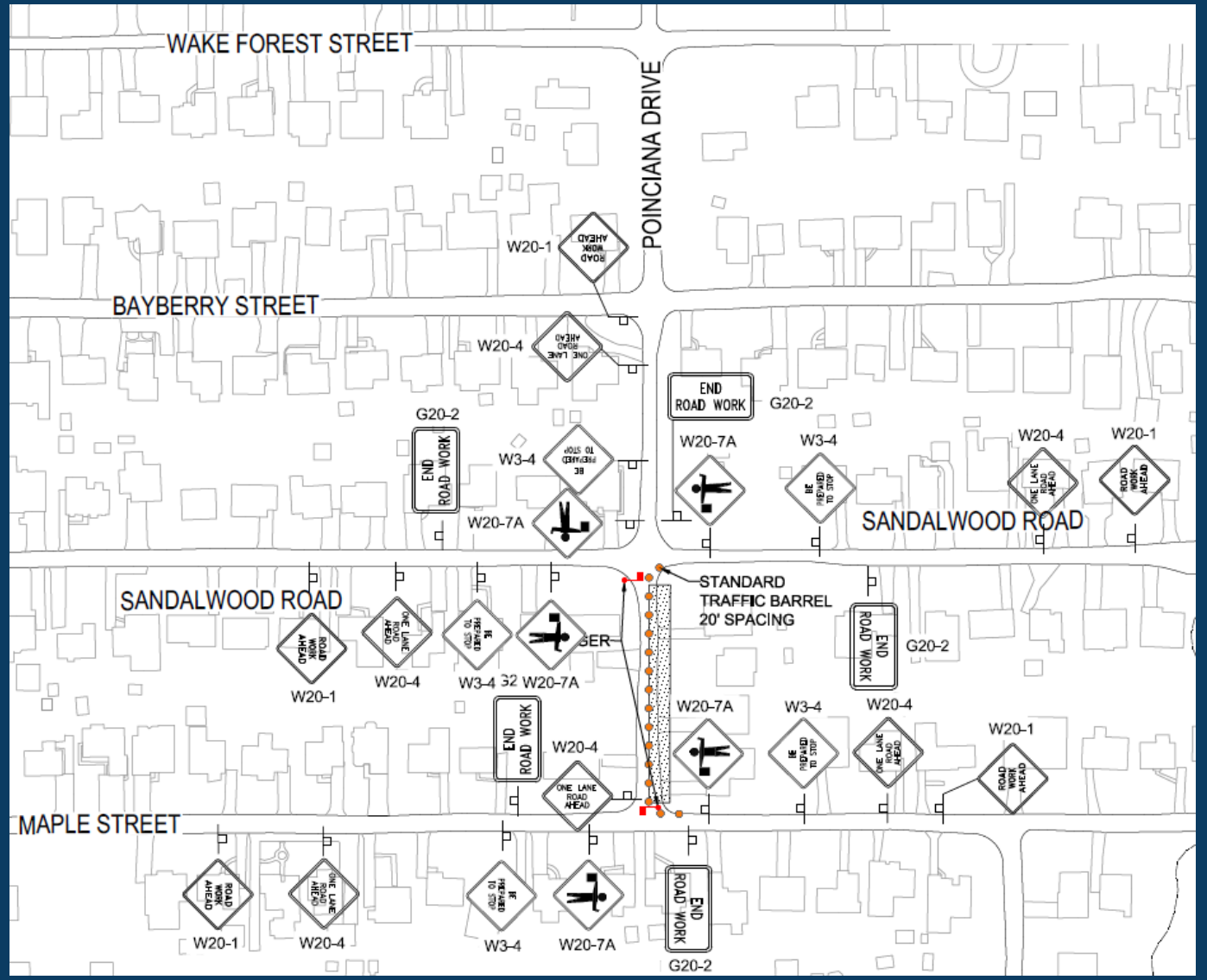




MOT (Traffic and Detours)



MOT (Traffic and Detours)



Public Works Stormwater Engineering Center

https://pw.virginiabeach.gov/stormwater/flood-protection-program/eastern-shore-drive-phase-1/poinciana-pump-station

757-385-4131

papww@vbgov.com

Thank you



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Flood Protection Program