



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

October 28, 2022

CONTRACT: DB00544
WBS ELEMENT: 2BP.R020.3
COUNTY: CRAVEN
ROUTE: SR 1700
DESCRIPTION: DRAINAGE, GRADING, PAVING, AND CULVERT
CONSTRUCTION ON SR 1700 IN CRAVEN COUNTY

Pre-Bid Meeting Notes

A Pre Bid meeting was held for the above referenced project on October 26, 2022, at 10:00 am at the Division 2 Construction Conference Room. Those in attendance are on the attached sign in sheet.

Ms. Moore began the meeting with reviewing the proposal. Items that were highlighted were;

- Bids are to be submitted electronically by 2:00 pm on November 9, 2022.
- Contractors must add themselves to the Interested Bidders List by 11:59 pm on November 8, 2022 to be able to bid.
- Bonds are required.
- Date of Availability is December 9, 2022. Completion date for all work but vegetation is May 13, 2023. Completion date for vegetation to be established is August 11, 2023.
- ICT #2 is for the site to be “dried in” or all work required of Phase 1A through Phase 2, Step #10 of Culvert Construction Sequence. If this work is completed by March 15, 2023, there will be a bonus of \$100,000.
- There is a construction moratorium for in-water work from April 1st through September 30th.
- Work will not be allowed in the wetlands during the moratorium due to the wetlands being hydraulically connected to the creek.
- Generic Retaining Wall Item Galvanized Pile Retaining Walls are the Major Contract Items
- Minor Contract Items are Guardrail, Utility Construction, Erosion Control, and Reforestation.
- The Steel Price Adjustment is available to the Contractor if they choose. SP 1 G47 has the information on how to request this adjustment.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
DIVISION 2
PROJECT DEVELOPMENT GROUP
GREENVILLE, NC 27834

Telephone: (252) 439-2828
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1037 W.H. SMITH BLVD.
GREENVILLE, NC 27834

- Total MBE/WBE goal is 2.0% and the MBE and WBE goal is 1% each.
- Twelve-month guarantee is required.
- Cadmus Capehart provided a Power Point highlighting critical dates, construction phasing, and traffic control. The slides are attached.
- Volkert addressed the Utilities and timeline for their relocation. More information can be found in Addendum 1.
- Addendum 2 has revised the language to match the Culvert Construction phasing plans and add the authorization to construct permit from DEQ Public Water Supply.
- Pulling sheet piles during the moratorium should be allowed. Permission will need to be obtained from the permitting agencies at that time.
- Cadmus Capehart stated that the water line can be installed in phase 3 to allow for the Contractor to focus on building the retaining walls, temporary pipes, and impervious dikes.
- The 24" temporary pipes are shallow and should not conflict with the water line.
- The Temporary Pipes are to maintain tidal flow and are a requirement of the permits.
- 12" Temporary Pump Around Pipe installed if worksite inundated and requires pumping to Special Stilling Basin while constructing Phase II of the Culvert or to maintain stream flow.
- Temporary Pipes should be plugged and filled with grout. Contractor will not be allowed to pierce the sheet pile for the temporary pipes to protrude. Contractor should anticipate having to add sheet pile to the section once temporary pipes have been grouted.
- Final road elevation is as much as 3 feet higher than current elevation.
- Volkert will review the culvert backfill material specified in the Special Provision and an addendum will be issued if there is a change in the specifications.
- Sheet pile material and culvert should be available when needed.
- The completion date for ICT #1 will be reviewed and an Addendum 2 has been issued revising ICT #2 Completion Date to June 1, 2023 and the Final Completion date is now August 30, 2023.
- NCDOT will retain the steel plates that are currently on the roadway. Note to Contractor has been added to Addendum #2 to address this.

Sincerely,

Mary Voelker Moore, PE
Division Contract Engineer

cc: Mr. Michael Aman, PE
Mr. Jordan Scott, PE
Ms. Heather C. Lane, PE
Mr. Brad McMannen, PE

Mr. Cadmus Capehart, PE
Mr. Hon Yeung, PE

Only bidders who have attended and properly registered at the above scheduled pre-bid conference and who have met all other prequalification requirements will be considered prequalified to bid on this project. A bid received from a bidder who has not attended and properly registered at the above scheduled pre-bid conference will not be accepted and considered for award. Attendance at the pre-bid conference will not meet the requirements of proper registration unless the individual attending has registered at the pre-bid conference in accordance with the following:

- (A) The individual has signed his name on the official roster prior to the above noted time for the beginning of the conference.
- (B) The individual has written in the name and address of the company he or she represents.
- (C) Only one company has been shown as being represented by the individual attending.
- (D) The individual attending is an officer or permanent employee of the company they are representing.



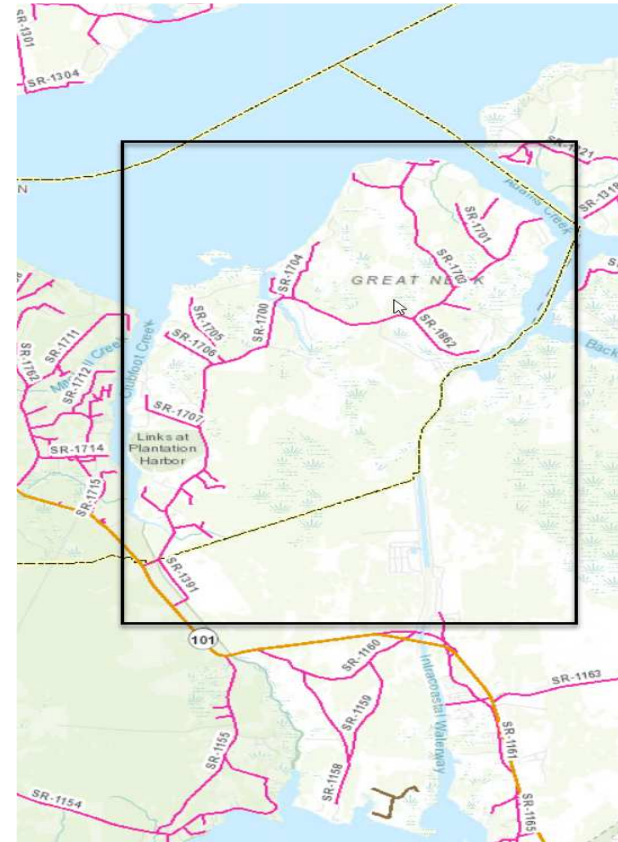
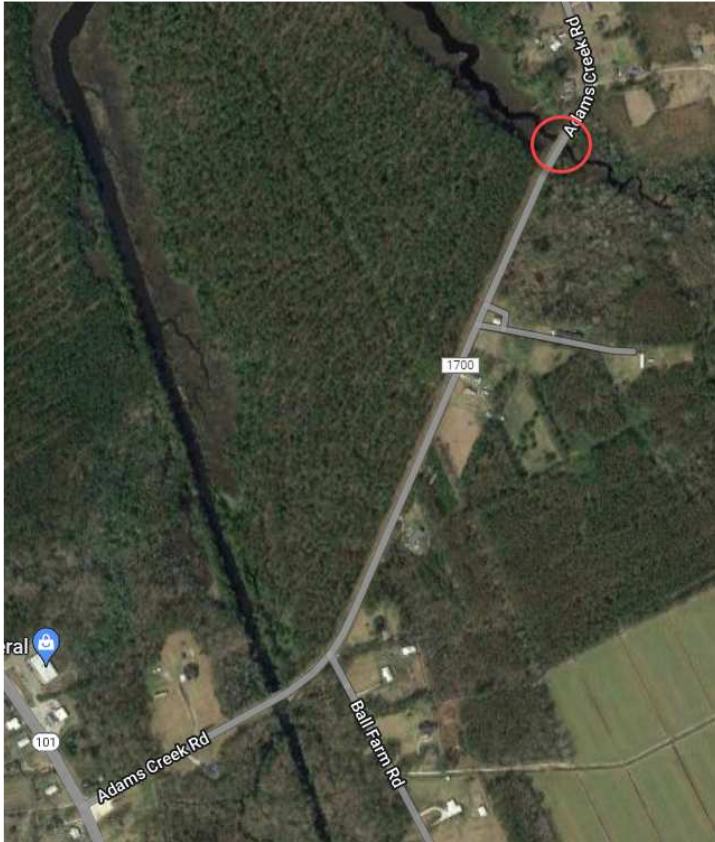
NORTH CAROLINA
Department of Transportation

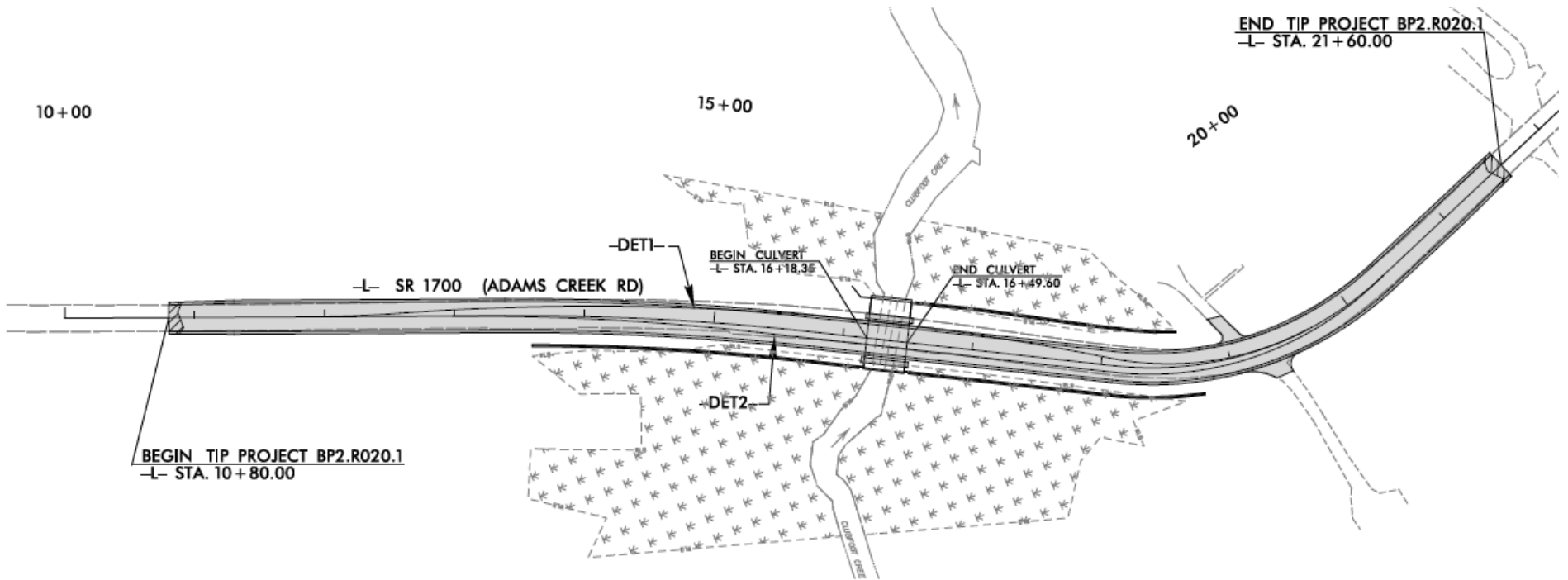
DB00544 (Adams Creek Rd Pipe Replacement) Mandatory Prebid Meeting

Division 2

October 26, 2022

Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina





Critical Milestone Dates

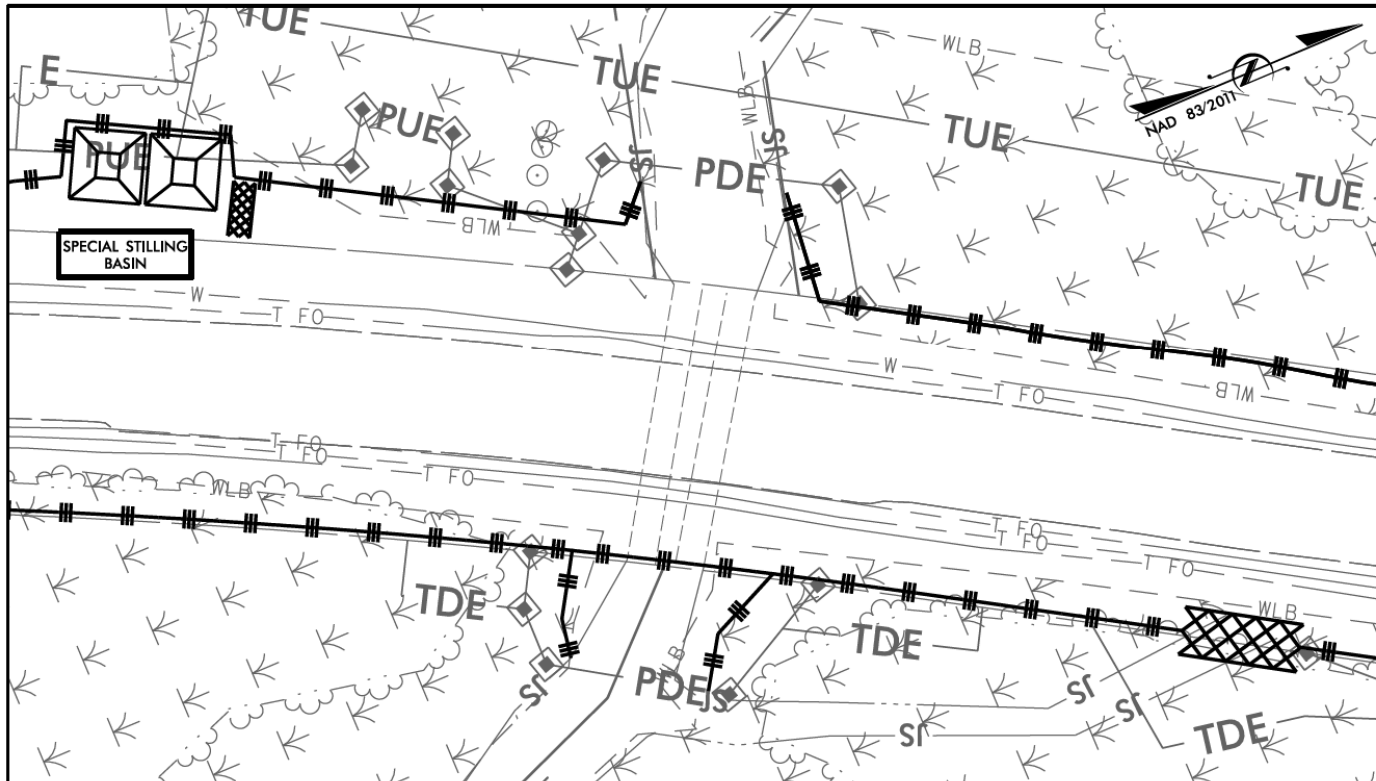
- Bid Opening – November 9, 2022 at 2:00 pm
- Date of Availability – December 9, 2022
- Early Completion Bonus – on or prior to March 15, 2023
- ICT No. 2 Completion Date – March 31, 2023
- Moratorium for In-Water Work Begins – April 1, 2023
- ICT No. 1 Completion Date – May 13, 2023
- Overall Completion Date – August 11, 2023
- Moratorium for In-Water Work Ends – September 30, 2023

Important Take-Aways

- One Way In, One Way Out
 - Access has to be maintained.
 - Multiple traffic control and construction phases required
 - Have to maintain 14' width at all times for farming community
- In-water Construction Moratorium from April 1 through September 30
 - No work in Clubfoot Creek or the wetlands if/when hydraulically connected during this time.
 - Site has to be “dried in” before April 1 to allow work on project to continue.
 - Therefore, ICT No. 2 created to complete by March 31, 2023. LDs are \$500 / calendar day.
 - To ensure work pursued with adequate resources to be “dried in” by beginning of moratorium, bonus of \$100,000 for completing **all** work required of Phase 1A through Phase 2, Step #10 of Culvert Construction Sequence.
 - * addendum forthcoming for ICT No. 2 due to revision to EC phasing
 - To be considered “dried in”, all 3 retaining walls and the impervious dikes have to be installed.
- Utility relocation began on October 24th.
 - See Addendum 1 for details of Utility By Others.

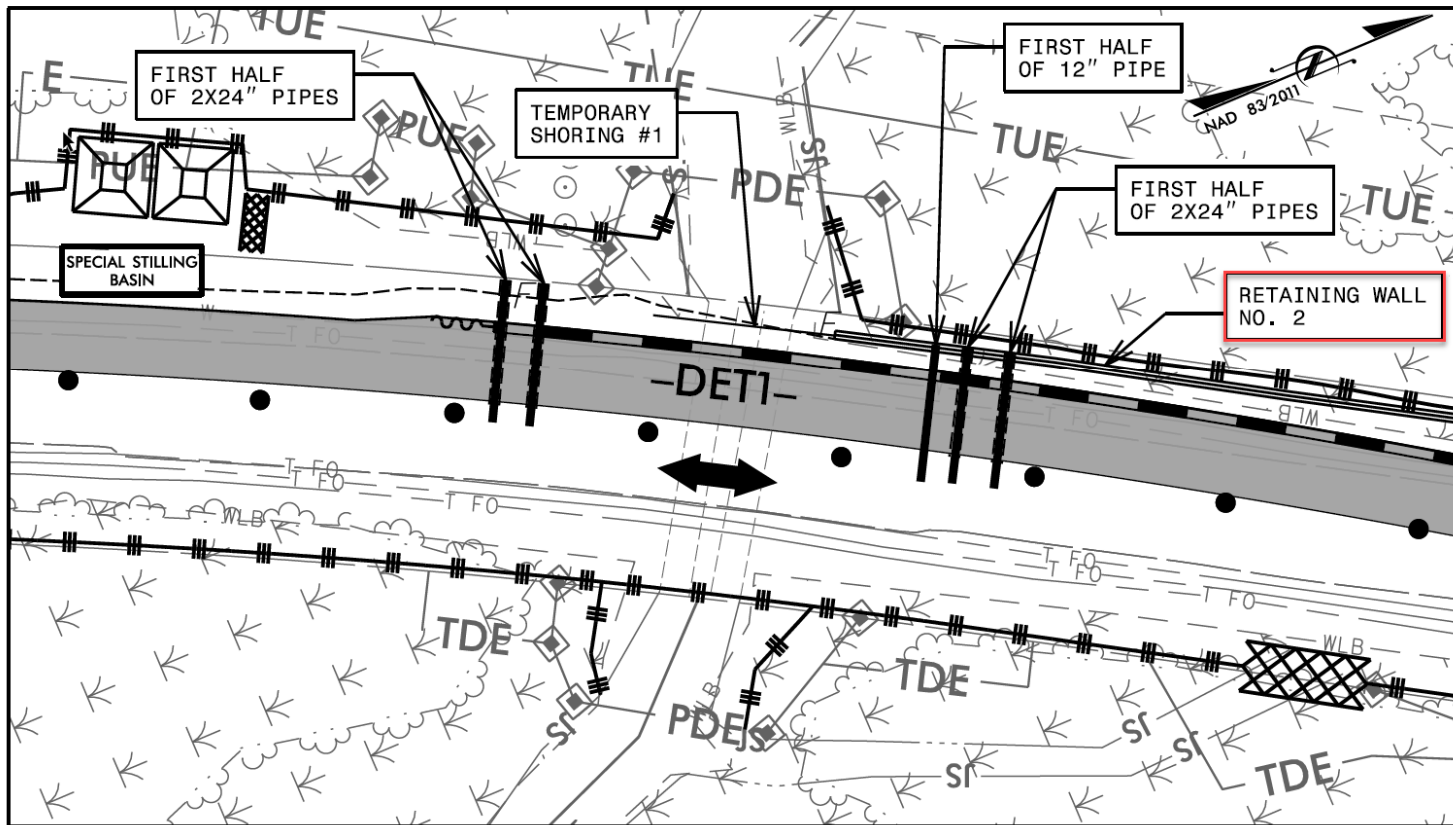
Project Phasing (Culvert / EC)

PHASE 1A



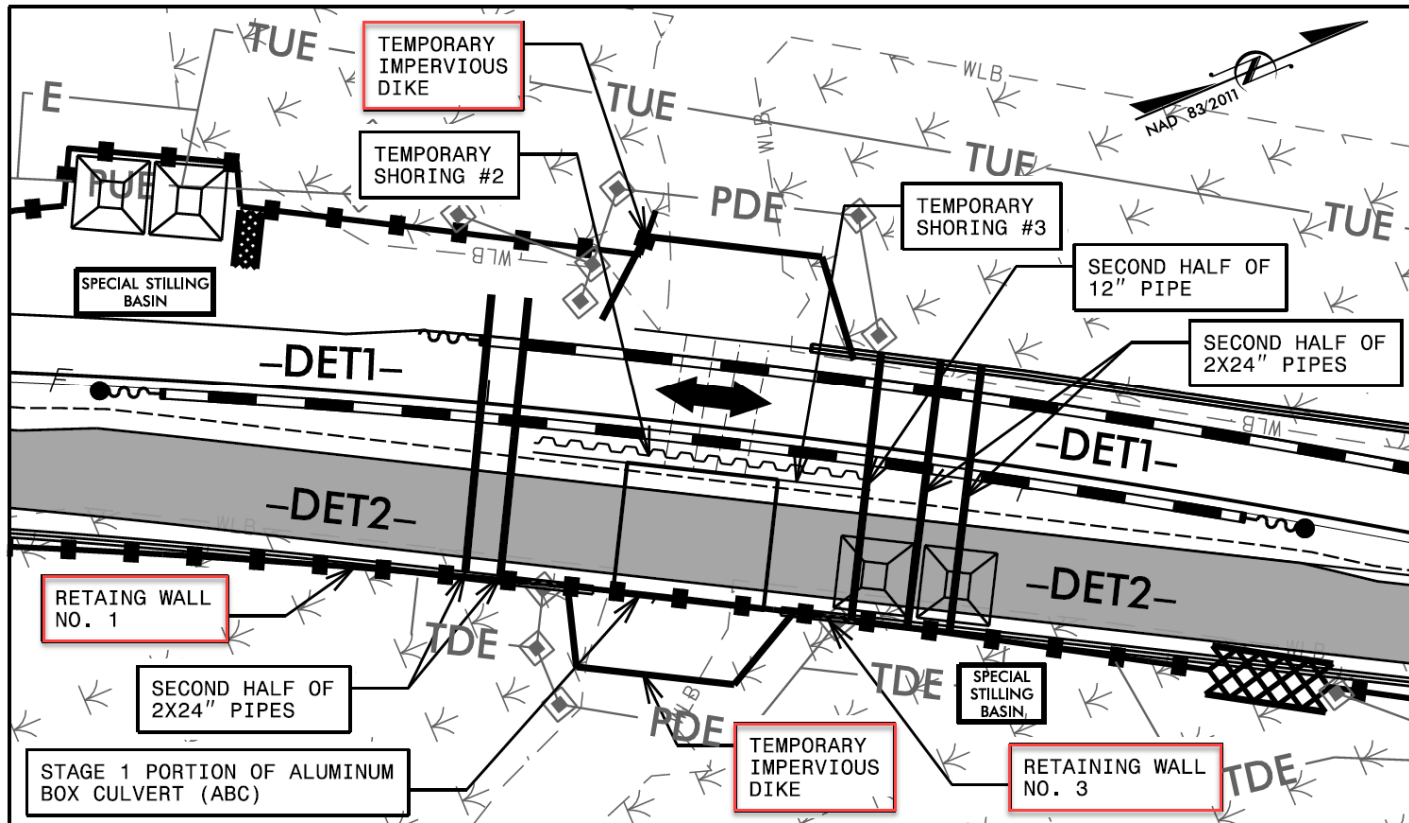
Project Phasing (Culvert / EC)

PHASE 1B



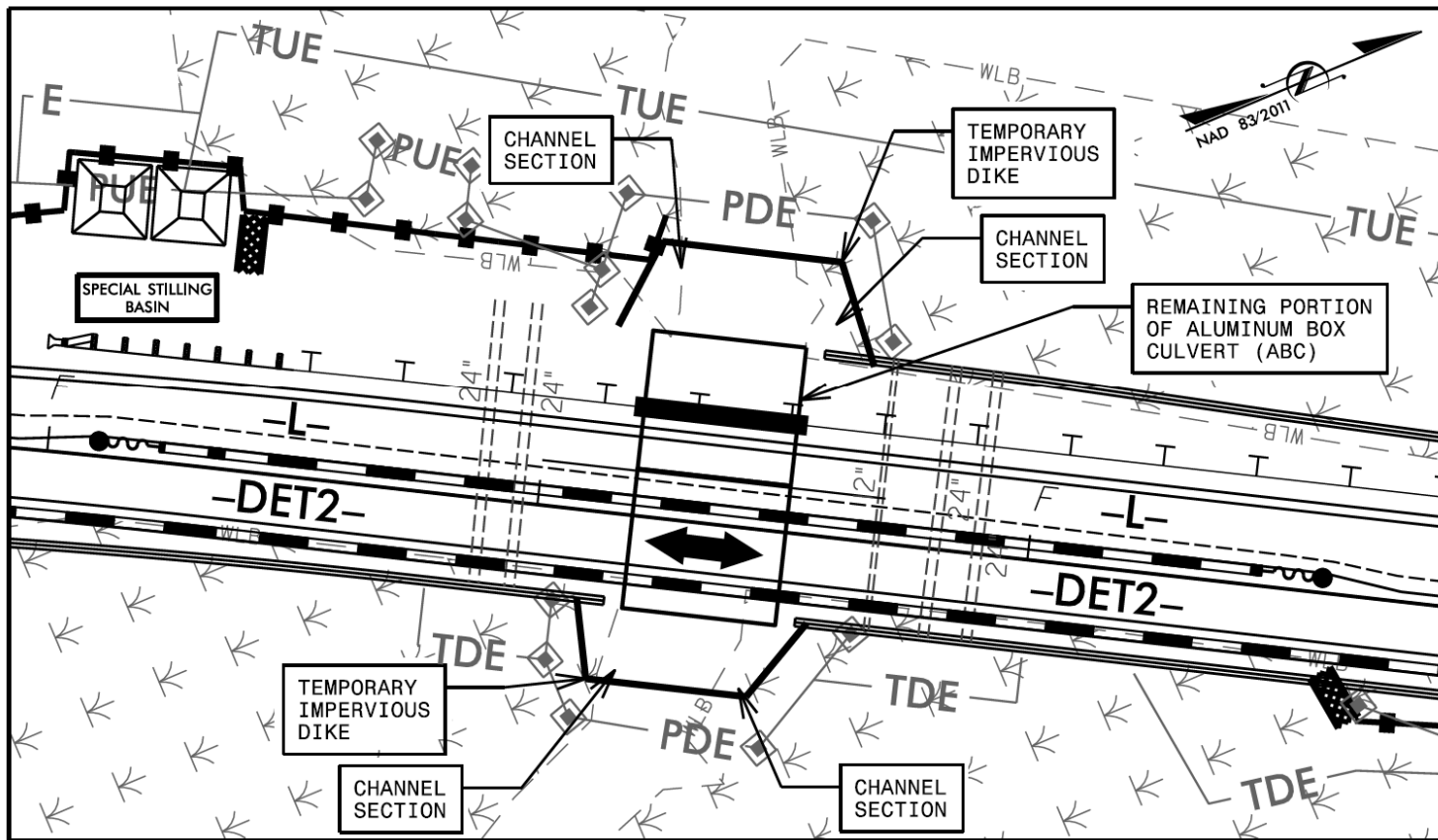
Project Phasing (Culvert / EC)

PHASE 2



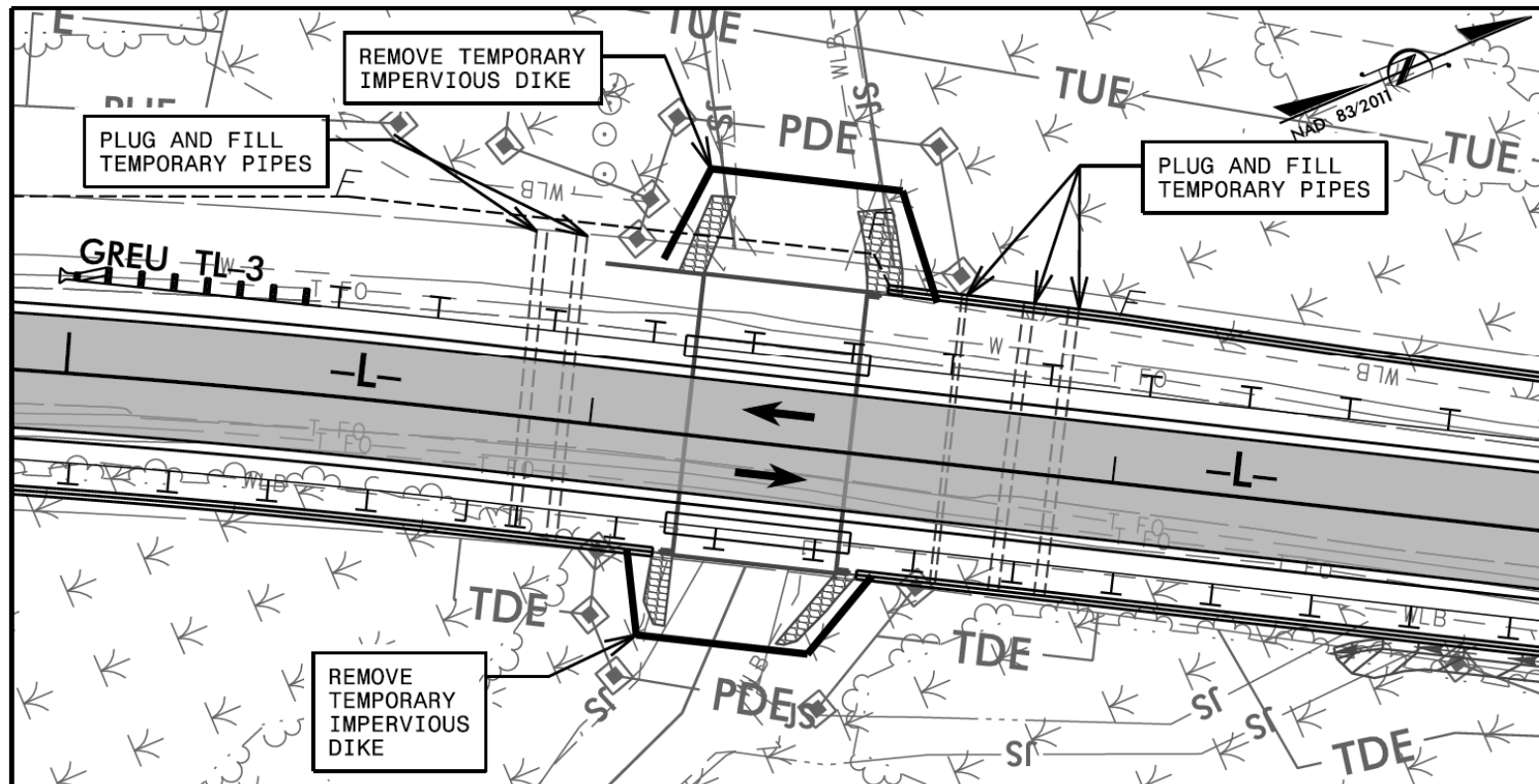
Project Phasing (Culvert / EC)

PHASE 3

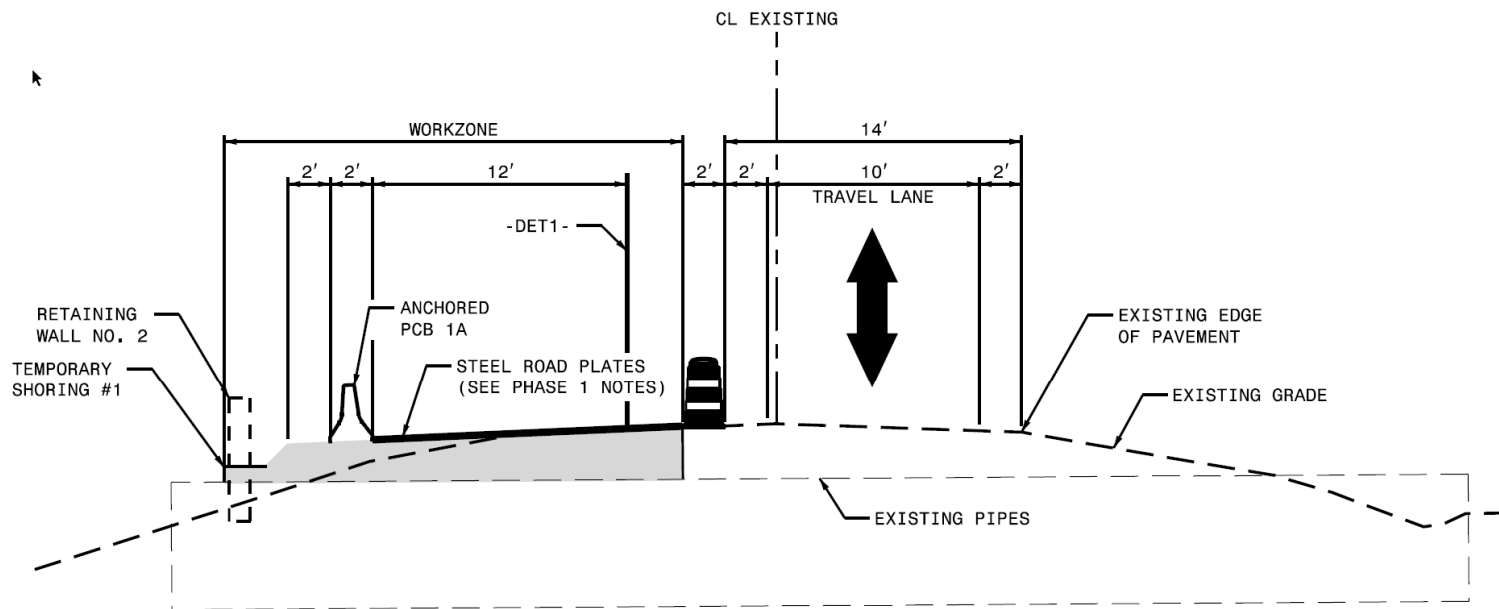


Project Phasing (Culvert / EC)

PHASE 4



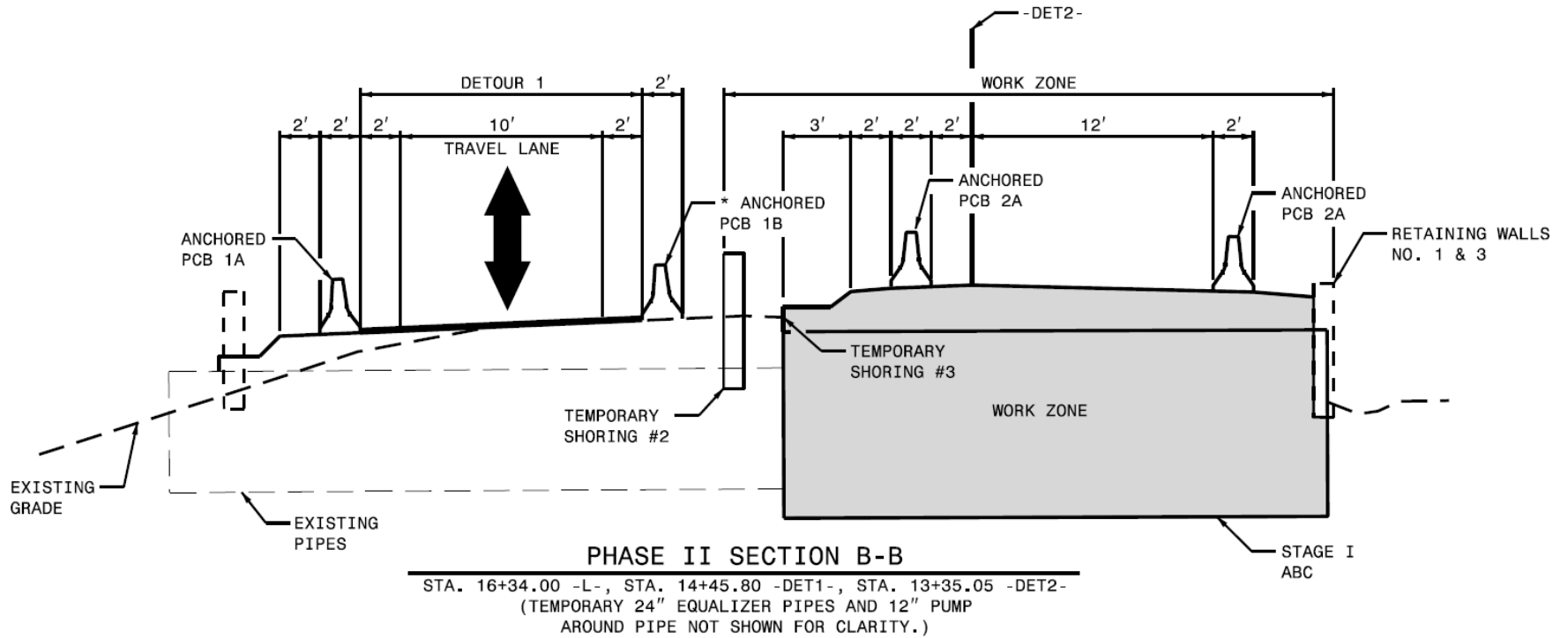
Project Phasing (Traffic Control)



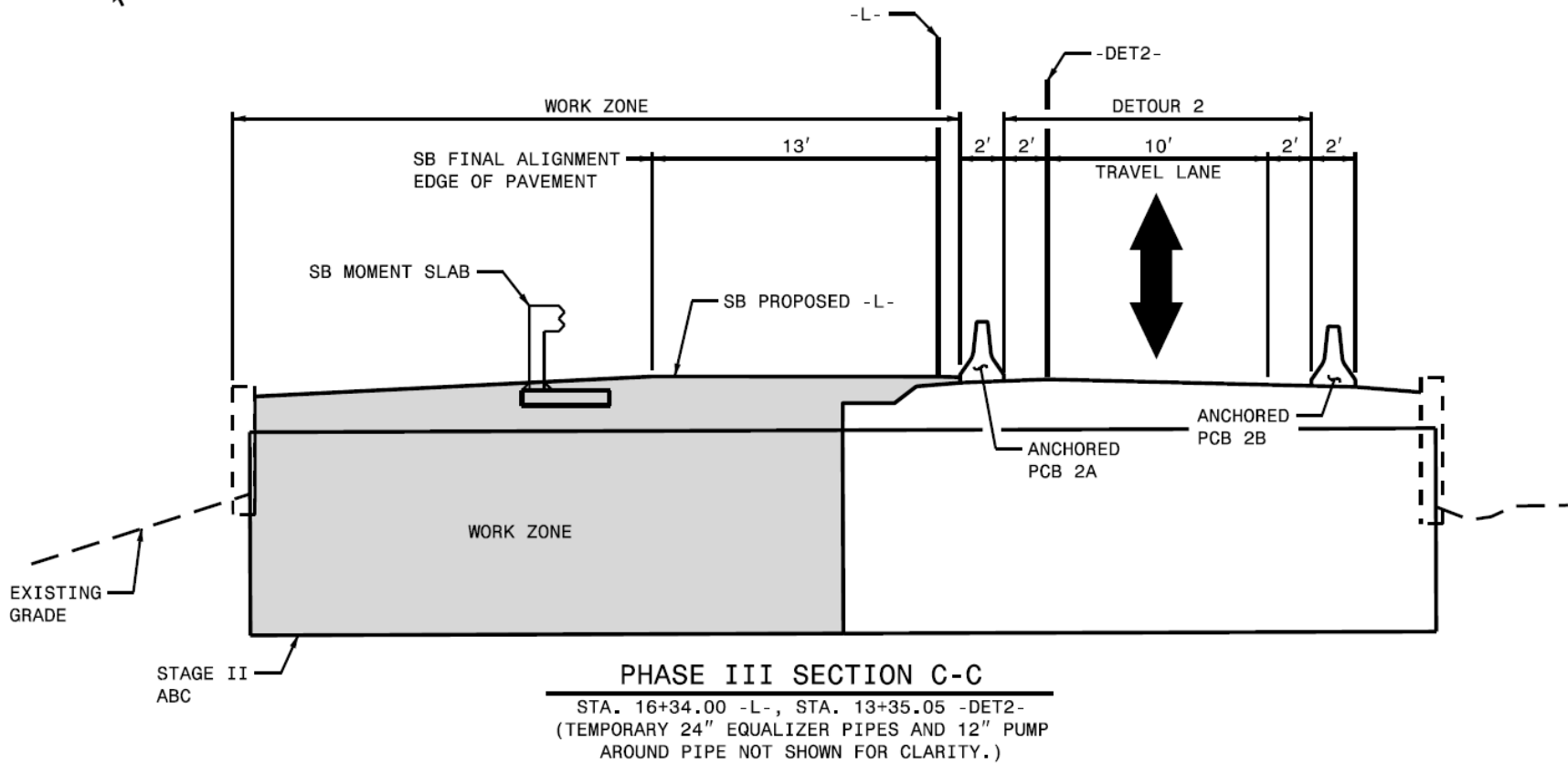
PHASE 1 SECTION A-A
STA. 16+34.00 -L-, STA. 14+45.80 -DET1-
(TEMPORARY 24" EQUALIZER PIPES AND 12" PUMP
AROUND PIPE NOT SHOWN FOR CLARITY.)

Project Phasing (Traffic Control)

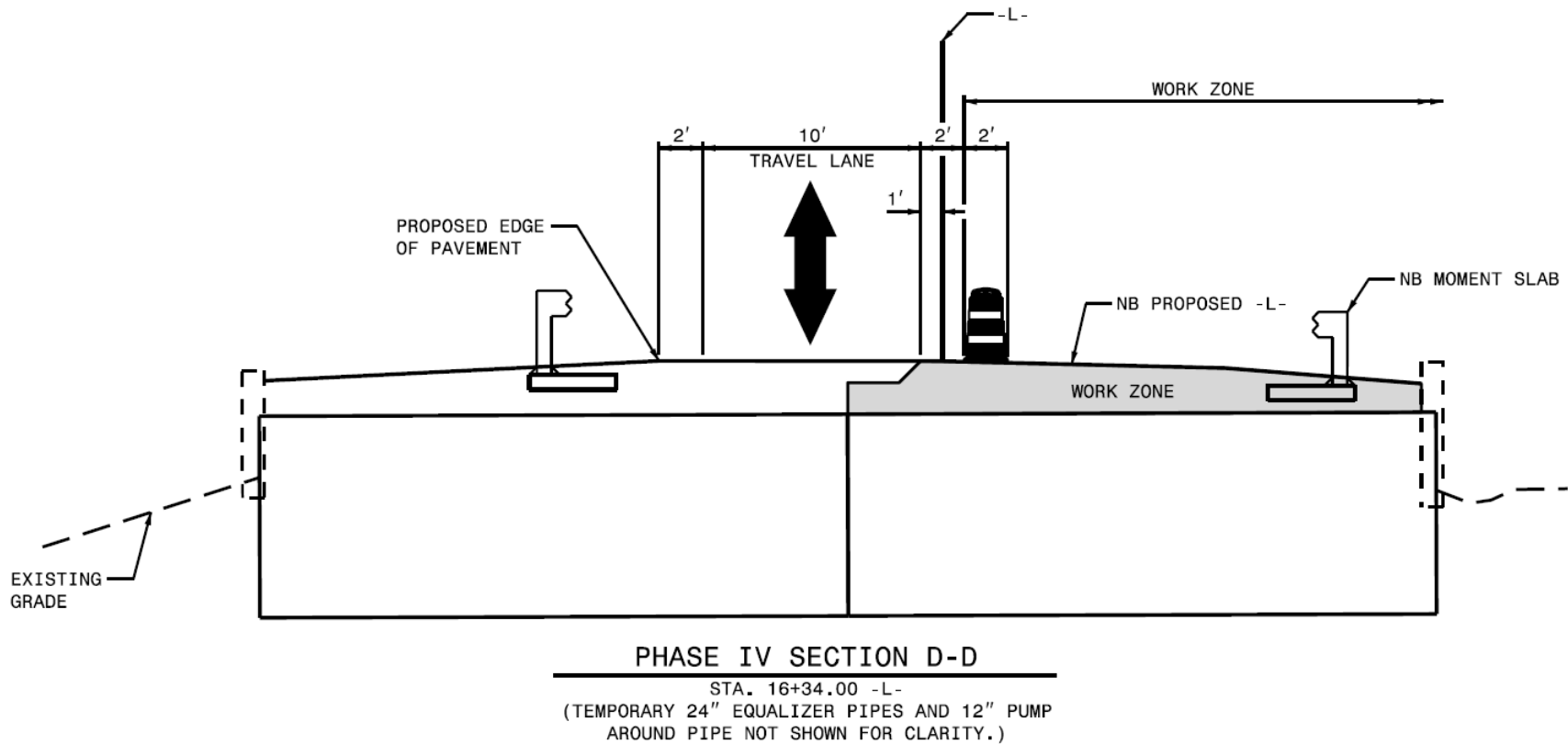
* DRUMS MAY BE USED IN LIEU OF ANCHORED PCB 1A PRIOR TO EXCAVATION, SEE PHASE II NOTES.



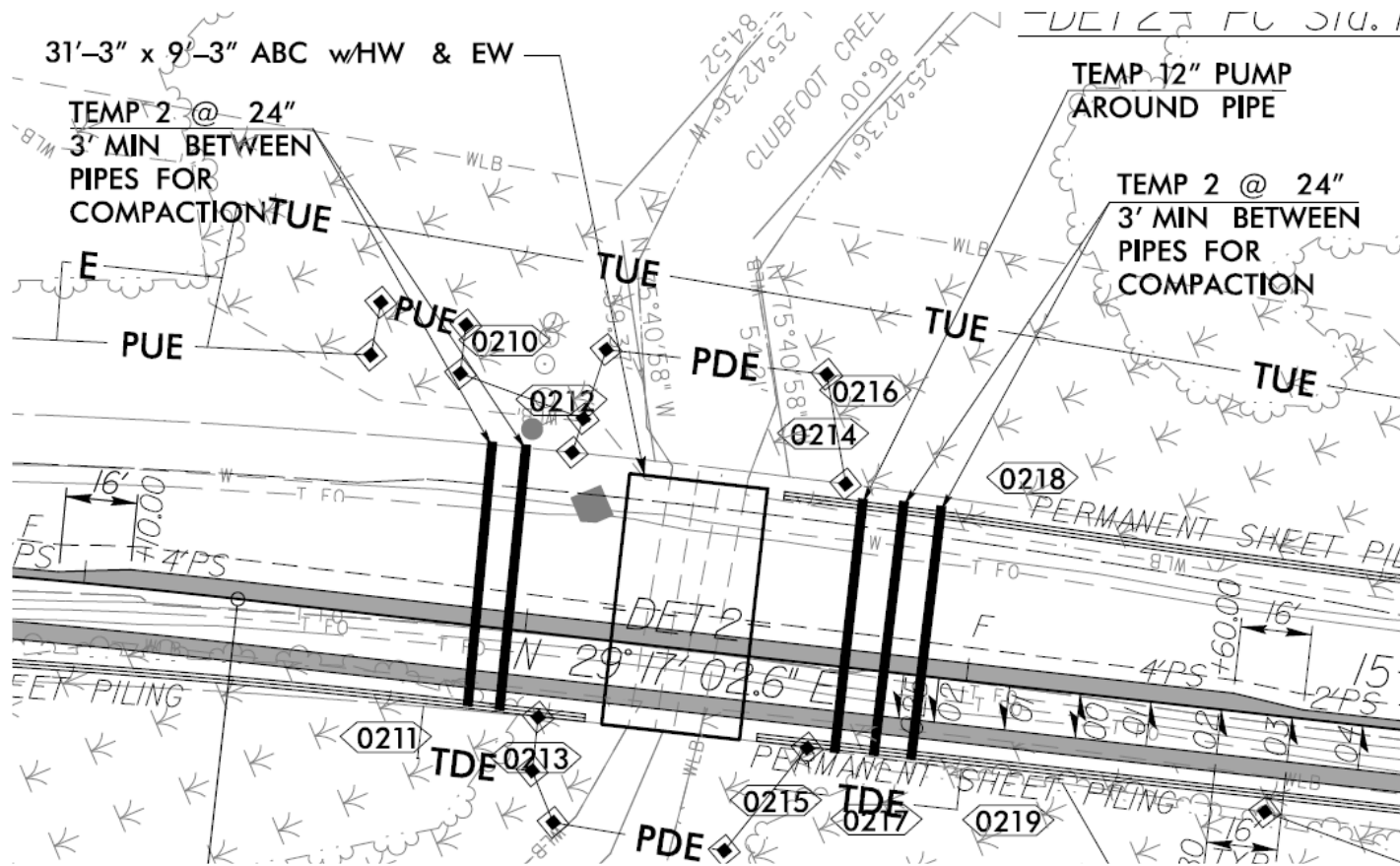
Project Phasing (Traffic Control)



Project Phasing (Traffic Control)



Temporary Pipes



- Temporary 24" Pipes (x 4) required to maintain tidal flow while impervious dikes are installed.
- 12" Temporary Pump Around Pipe installed if worksite inundated and requires pumping to Special Stilling Basin while constructing Phase II of the Culvert or to maintain stream flow.

Project Special Provisions

GALVANIZED SHEET PILE RETAINING WALLS

(SPECIAL)

1.0 GENERAL

The work covered in this section shall consist of the installation of the galvanized steel sheet piles as shown on the plans and in accordance with the 2018 Standard Specifications and these special provisions. Shop drawings shall be submitted as specified in the special provision entitled "Submittal of Working Drawings".

10 Unless otherwise specified, the Contractor shall allow 30 calendar days for review and
 11 approval, or acceptance, of working drawings from the date they are received until they are
 12 returned by the Engineer, unless otherwise stated. If revised drawings are required,
 13 appropriate additional time shall be allowed for review and approval, or acceptance, of the
 14 revised drawings. The Contractor shall have no claim for extension of completion dates or
 15 additional compensation due to this review period.

GEOTECHNICAL SUBMITTALS

Submittal	Submittals Required by Geotechnical Engineering Unit	Submittals Required by Structures Management Unit	Contract Reference Requiring Submittal ¹
Drilled Pier Construction Plans ²	Y	N	Subarticle 411-3(A)
Crosshole Sonic Logging (CSL) Reports ²	Y	N	Subarticle 411-5(A)(2)
Pile Driving Equipment Data Forms ^{2,3}	Y	N	Subarticle 450-3(D)(2)
Pile Driving Analyzer (PDA) Reports ²	Y	N	Subarticle 450-3(F)(3)
Retaining Walls ⁴	Y; drawings and calculations	Y; drawings	Applicable Provisions
Temporary Shoring ⁴	Y; drawings and calculations	Y; drawings	"Temporary Shoring" & "Temporary Soil Nail Walls"

- Retaining Wall installation is requirement of ICT No. 2 and the Bonus to be "dried in".
- Contractor should submit working drawings as soon as possible to procure material as soon as possible due to moratorium.
- Installation will not be allowed from April 1 through September 30.
- 16,327 SF anticipated.

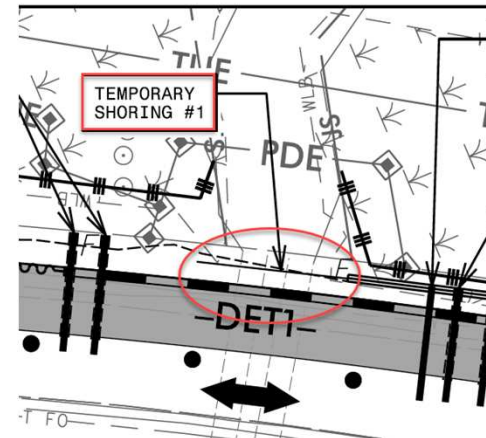
Project Special Provisions

<p>(C) Temporary Shoring Designs</p> <p>Before beginning temporary shoring design, survey existing ground elevations in the vicinity of shoring locations to determine actual design heights (H). Submit PDF files of working drawings and design calculations for temporary shoring designs in accordance with Article 105-2 of the 2018 Standard Specifications. Submit working drawings showing plan views, shoring profiles, typical sections and details of temporary shoring design and construction sequence. Do not begin shoring construction until a design submittal is accepted.</p> <p>Have cantilever and braced shoring designed, detailed and sealed by an engineer licensed in the</p>
<p>DB00544 58 Craven County</p> <p>state of North Carolina. Use a prequalified Anchored Wall Design Consultant to design anchored shoring. Provide anchored shoring designs sealed by a Design Engineer approved as a Geotechnical Engineer (key person) for an Anchored Wall Design Consultant. Include details in anchored shoring working drawings of anchor locations and lock-off loads, unit grout/ground bond strengths for ground anchors or minimum installation torque and torsional strength rating for helical anchors and if necessary, obstructions extending through shoring or interfering with anchors. Include details in the anchored shoring construction sequence of pile and anchor installation, excavation and anchor testing.</p> <p>Provide temporary wall designs sealed by a Design Engineer licensed in the state of North Carolina and employed or contracted by the Temporary Wall Vendor. Include details in temporary wall working drawings of geotextile and reinforcement types, locations and directions and obstructions extending through walls or interfering with reinforcement.</p>

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 11 approval, or acceptance, of working drawings from the date they are received until they are
 12 returned by the Engineer, unless otherwise stated. If revised drawings are required,
 13 appropriate additional time shall be allowed for review and approval, or acceptance, of the
 14 revised drawings. The Contractor shall have no claim for extension of completion dates or
 15 additional compensation due to this review period.

- Temporary Shoring No. 1 required to switch traffic into Phase 2 of the Traffic Control Plans.
- Contractor should submit working drawings as soon as possible to avoid delay to traffic shift, which could impact ICT No. 2.

PHASE 1B



Questions?

All questions following this conference shall be directed to the Division 2 Contracts Engineer Mary Moore at 252-439-2828 or mmoore@ncdot.gov

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Mary Moore	NCDOT	252-439-2828	m.moore@ncdot.gov
Brad McMannen	NCDOT	252-649-6520	btmcmannen@ncdot.gov
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Randy Hall	NCDOT	252-482-9957	rshall1@ncdot.gov
Michael Aman	NCDOT	252-439-2812	m.aman@ncdot.gov
CADMUS CAPEHART	NCDOT	252-439-2828	c.capehart@ncdot.gov
Hon Yung	NCDOT	252-439-2827	kyyung@ncdot.gov
Tyler Watkins	S.T. Wooten	252-515-4168	tyler.watkins@stwicorp.com
MYRON MEADOWS	TRADER CONSTRUCTION	252-633-2424	mmeadows@traderconstruction.com
JEREMY STRAUND	NCDOT	252-775-6103	jdstrand@ncdot.gov
Joe Colman	Mountain Creek Contractors	828-241-2047	jcolman@enterackinc.com
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