STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION 6

PLANS Letting Date: September 1, 2021

CONTRACT ID:	D6D1.POC.012
TIP NO.:	
FEDERAL AID NO.:	17106.1078011
WBS ELEMENT NO.:	17106.1078011
ROUTE NO.:	NC 904
LOCATION:	0.53 MI. S. OF NC 130
COUNTY:	ROBESON
TYPE OF WORK:	PIPE REMOVAL & REPLACEMENT

CONSTRUCTION NOTES:

- 1. Description: This project will replace the existing 24" RCP located approx. 0.53 miles South of NC 130 on NC 904, and install one 42" RCP, Class V with Reinforced Concrete Endwalls. Endwalls shall be in accordance with Standard Drawing 838.01 Sheet 1 of 3. All work shall be in accordance with NCDOT Standard Specifications, the Standard Drawings, as well as existing contract documentation.
- 2. Road Closure: Prior to closing NC 904, the Contractor shall provide the Engineer with the date for the proposed closure of NC 904 no less than 14 days prior, in writing. The Contractor shall install all traffic control devices for the road closures, including but not limited to signs, stands, Type III barricades, and trail blazing signs. Road closure shall be in accordance with Std. Dwg. 1101.03. Contractor may perform flagging operations as needed prior to and after planned closure for the installation of the proposed pipe. All flagging operations shall be in accordance with applicable sections of Standard Specifications and Standard Drawings. NC 904 may be closed for a maximum duration of fourteen (14) days under Intermediate Contract Time 2.
- 3. Utility Surveys: No utility surveys have been made by the Department. The Contractor shall investigate and determine any conflicts with utilities, and shall advise the Department of any conflicts prior to the closing of NC 904 and the commencement of Intermediate Contract Time 2.
- 4. 8" Water Line: Water line construction shall be in accordance with attached Water Line Plans.
- **New Pipe Burial Requirement:** The proposed 42" pipe shall be buried to 20% of its diameter. 5.
- Permits: This project shall fully incorporate Water Quality General Cert. No. 4132, Nationwide Permit 3, and the NPDES. All dewatering shall be in accordance with the BMP Manual. 6.
- 7. Non-nylon matting: Non-nylon matting shall be used in areas inside and immediately adjacent to jurisdictional areas. Payment for non-nylon matting will be made under "Matting for Erosion Control" as contained in the contract.
- 8. Dewatering: Dewatering shall be payable as a Lump Sum Item, and shall include by-pass pumping, silt bags, pumps, hoses, and other items as required to dewater the site, pump clean water around the site, discharge said clean water on a dissipater device, and maintain the site in a dry condition for the construction of the proposed pipe. Water being run through a silt bag must pass through an approved BMP, such as #57 Stone, prior to discharge. No additional payments will be made. Once the new pipe has been installed, the Contractor shall remove the impervious dikes in a manner so as not to cause excess silting to occur.
- 9. Existing Riser: A riser structure has been placed on the upstream end of this pipe, outside of the DOT Right of Way. The Department contacted the landowner, Alford Davis, on 7/7/2021 and the landowner advised it is permissible to remove the riser structure. The Contractor shall remove and dispose of the existing riser structure. Removal of the riser structure is incidental to Grading and Pipe Removal.
- 10. Existing Concrete Slabs: There are existing concrete slabs from a previous drainage structure under the roadway, as shown in the pictures below. Removal of all previous remnants of drainage structures, those visible and those that may currently be hidden, shall be considered incidental to Grading and Pipe Removal. As such, no additional compensation shall be granted.
- 11. Waste & Borrow: All waste shall be removed to an approved waste facility. Borrow shall be obtained from approved sources.
- **12.** Certified Payroll: Certified payroll copies are required for this project.

VICINITY MAP & DETOUR ROUTE



State of North Carolina DOT, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA



Upstream



Upstream





Upstream

Downstream



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2465	245 2469 0 2469 0 2469 2457 2
Progress Draw Preliminary Pla Final Drawing Final Drawing	Do not use for construction vings - Do not use for construction at - Not for recordation, conveyances, or sales - Not released for construction - For Review Purposes Only - Released For Construction
tes, Inc.	Robeson County Water Direct Bore
ACCOUNTS AND	N.C. Highway 904 Plan & Profile
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UNTY COUNTY-WIL ON N.C. HIGHWAY	Plan & Profile
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0103 ngineering@att.net UNTY COUNTY-WII ON N.C. HIGHWAY COBESON W-79.197364 WAY 904	Plan & Profile

