STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION 6

PLANS

Letting Date: January 18, 2023

CONTRACT ID: D6BR.POC.021

TIP NO.: -----

FEDERAL AID NO.: STATE FUNDED

WBS ELEMENT NO.: 6B.200914.2, 6B.202614.2 & 6B.204314.2

ROUTE NO.: SR 1311, SR 1006 & SR 1106

LOCATION: Various

COUNTY: BLADEN, CUMBERLAND & HARNETT

LENGTH OF PROJECT: VARIOUS

TYPE OF WORK: PIPE REMOVAL & REPLACEMENTS

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__ INV = 85.0 MIN.

Cumberland County VICINITY MAP SR 1006 0.77 MI. E of SR 1834 Maint.->Bridge Pipe







__ INV = 91.Ø





LAYOUT FOR FIELD INSTALLATION



SCALE - 1" = 10'

INLET HEADWALL



OUTLET HEADWALL



* REFERENCE ONLY -Tieback and Wellbeam Locations to be determined in Engineered Design



STRUCTURE EXTENTS

OUTLET





WATTLE WITH POLYACRYLAMIDE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN $12^{\prime\prime}$ IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.25 IN.





TYPICAL BACKFILL SECTION

