STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION 6

PLANS

Letting Date: December 20, 2023

CONTRACT ID: D6BR.POC.025

TIP NO.: -----

FEDERAL AID NO.: STATE FUNDED

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

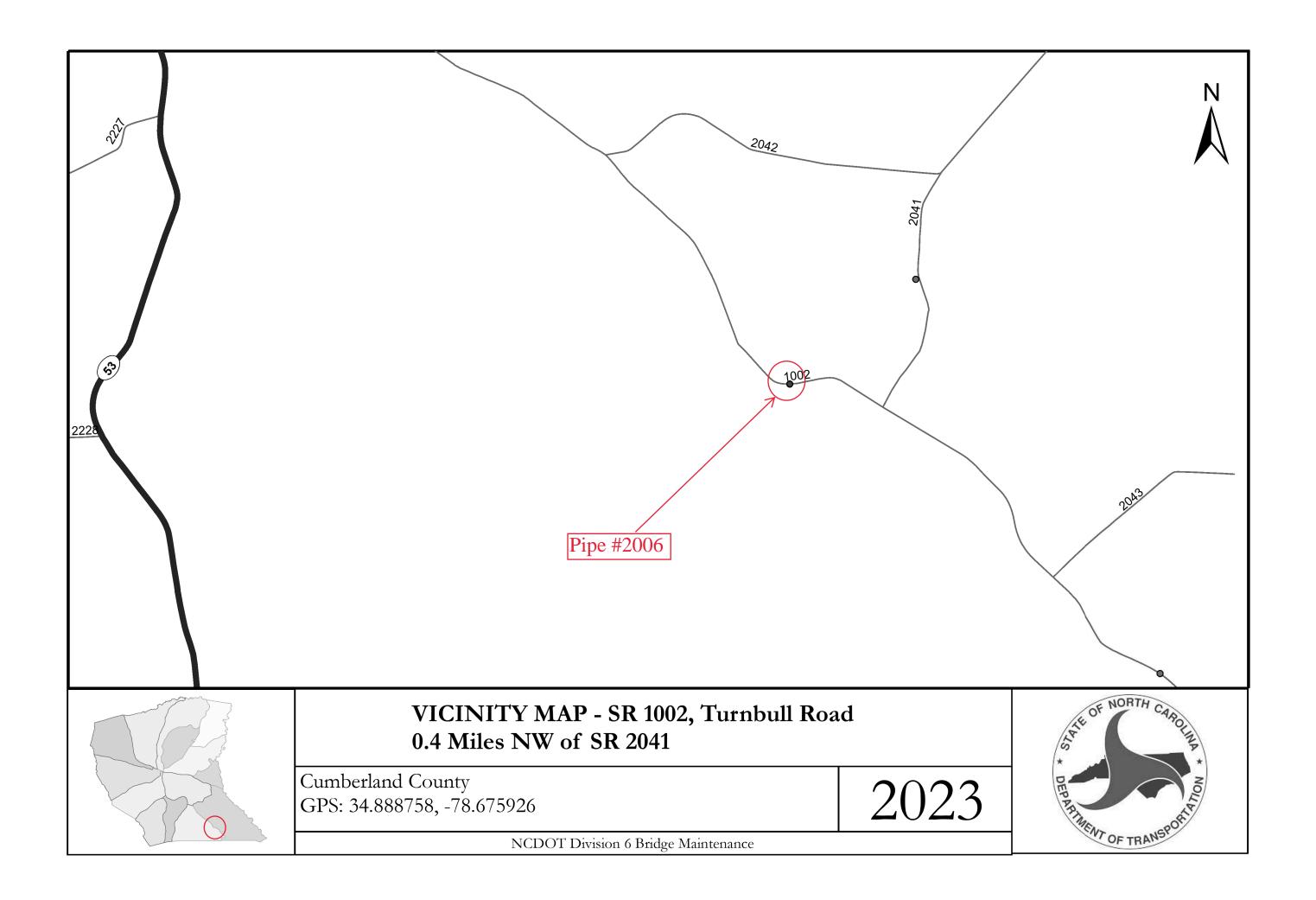
ROUTE NO.: SR 1002 & SR 1280

LOCATION: VARIOUS

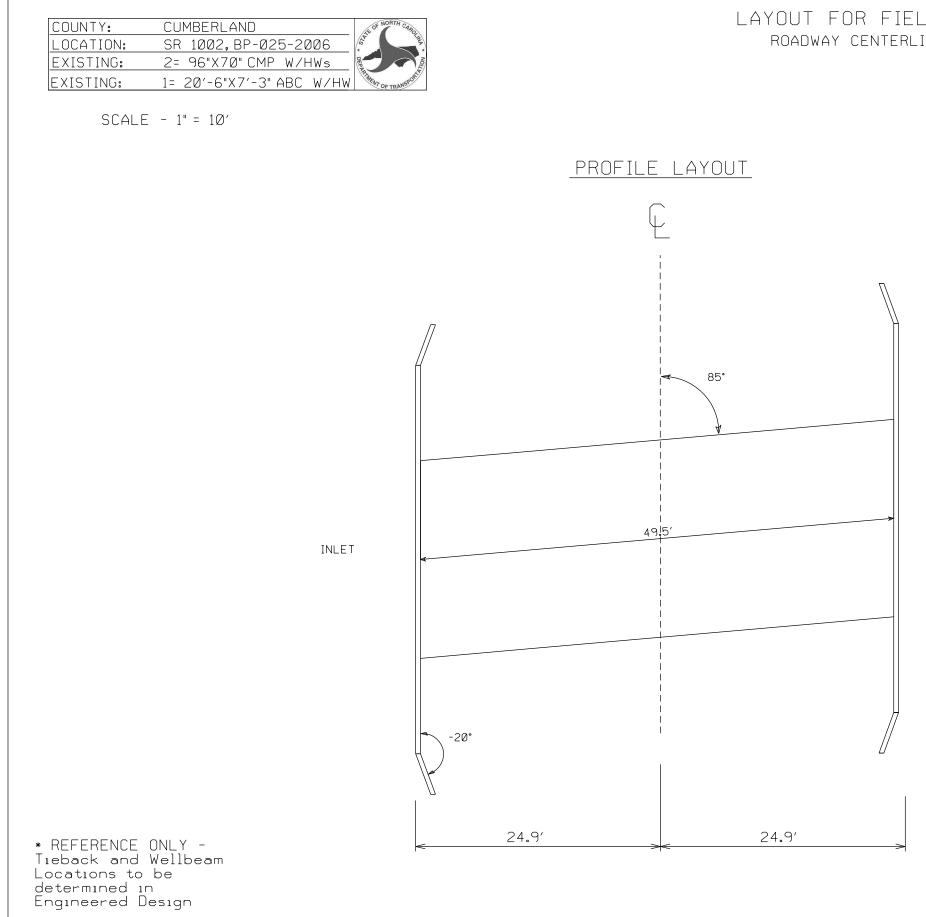
COUNTY: CUMBERLAND & HARNETT

LENGTH OF PROJECT: VARIOUS

TYPE OF WORK: PIPE REMOVAL & REPLACEMENTS



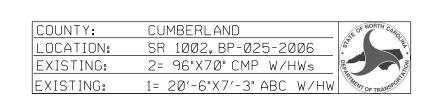




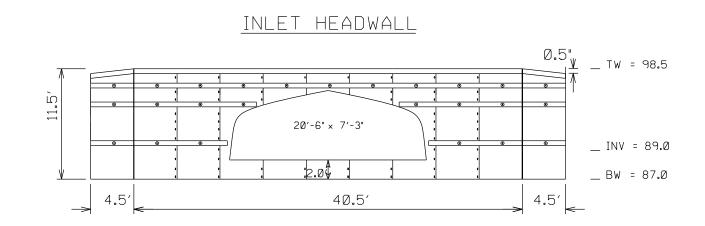
OUTLET

TOTAL LF = 49.5′

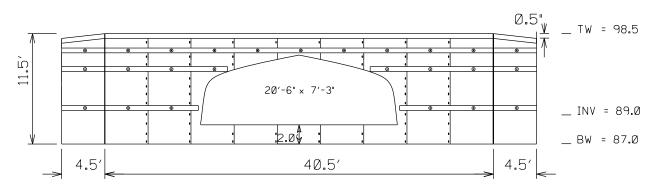
LAYOUT FOR FIELD INSTALLATION ROADWAY CENTERLINE ELEV. = 100.0



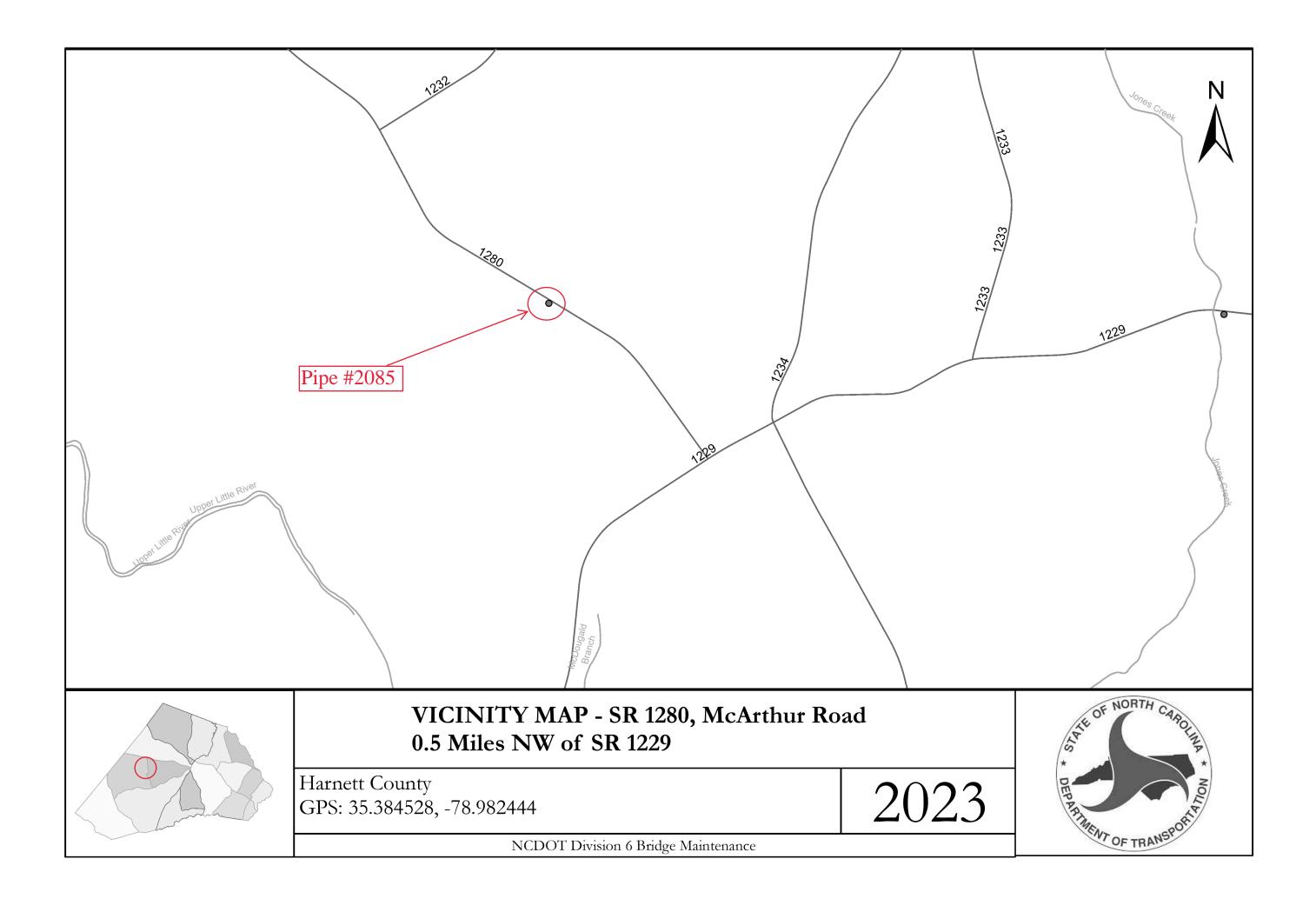
SCALE - 1" = 10'



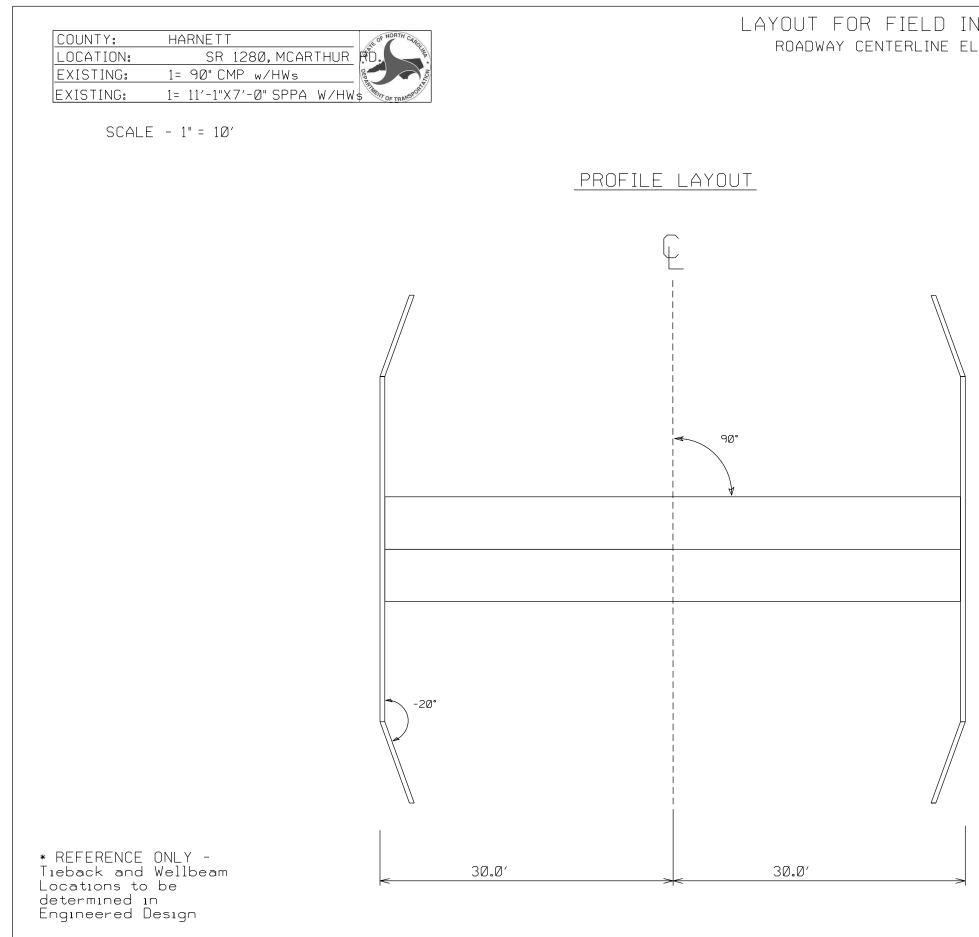




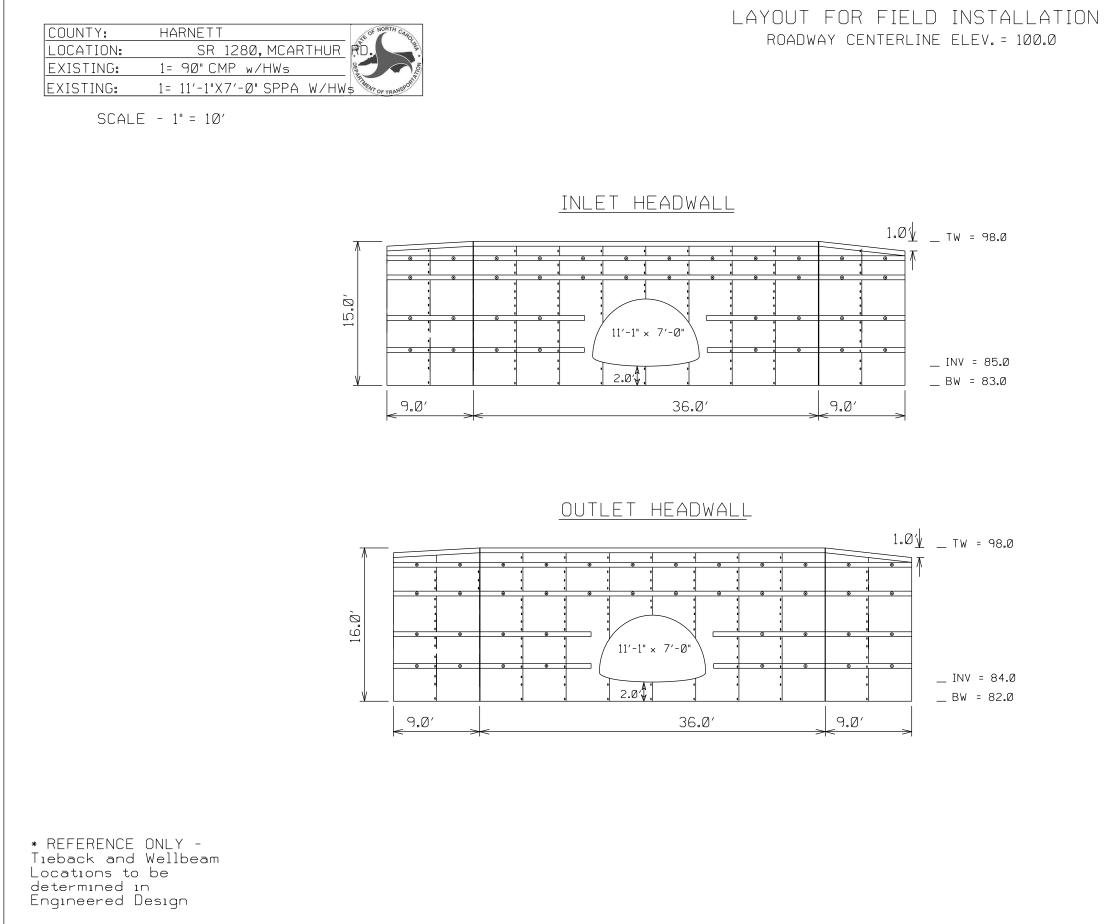
* REFERENCE ONLY -Tieback and Wellbeam Locations to be determined in Engineered Design



LAYOUT FOR FIELD INSTALLATION ROADWAY CENTERLINE ELEV. = 100.0



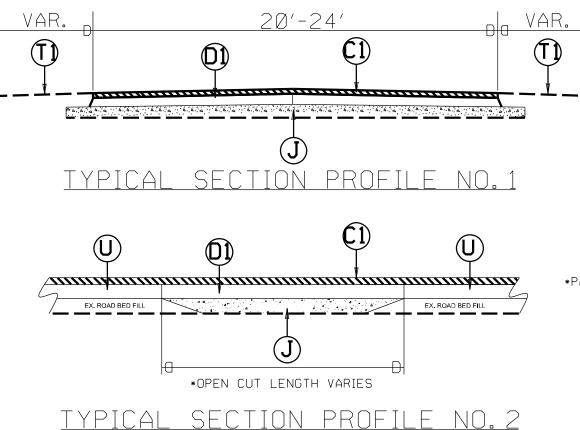
TOTAL LF = 60'



		PAVEMENT SCHEDULE
	С1	1½"ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS.PER SQ.YD.
	D1	3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE AT 119.0C, AN AVERAGE RATE OF 285 LBS.PER SQ.YD
	Τ1	SHOULDER RECONSTRUCTION WITH SHOULDER BORROW
	J	PROPOSED APPROX.12" AGGREGATE BASE COURSE
	U	EXISTING ASPHALT PAVEMENT DEPTH VARIES

* ASPHALT PLACEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT ASPHALT QUALITY MANAGEMENT SYSTEM (QMS) MANUAL & 2018 STANDARD SPECIFICATIONS

ROADWAY TYPICAL SECTION



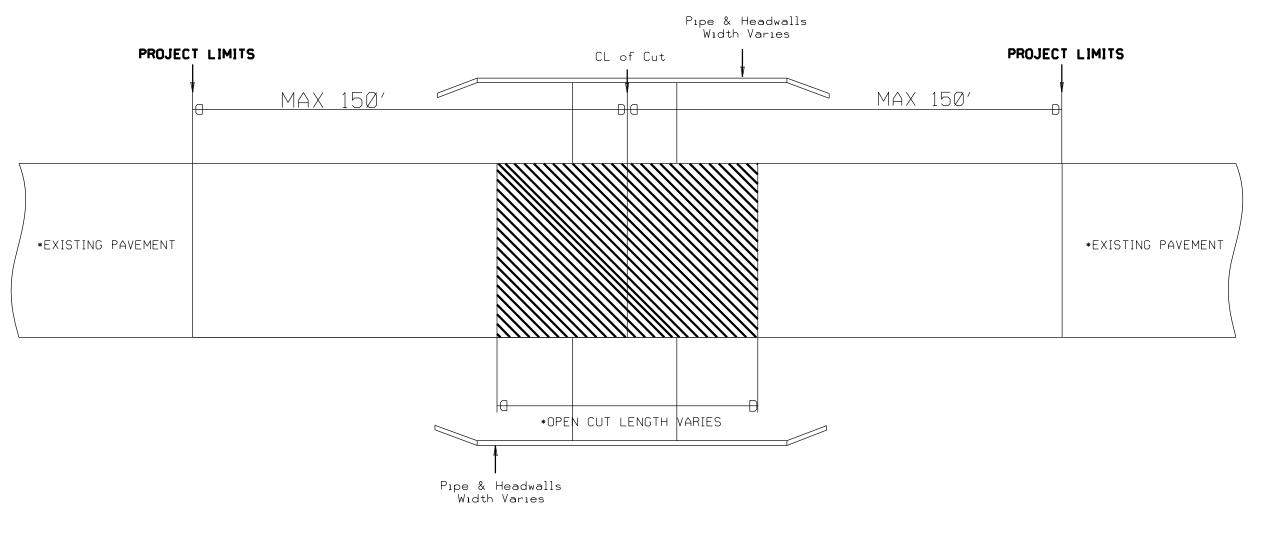
*PAVEMENT SCHEDULE "D1" SHALL MATCH EXISTING ASPHALT GRADE & SLOPE

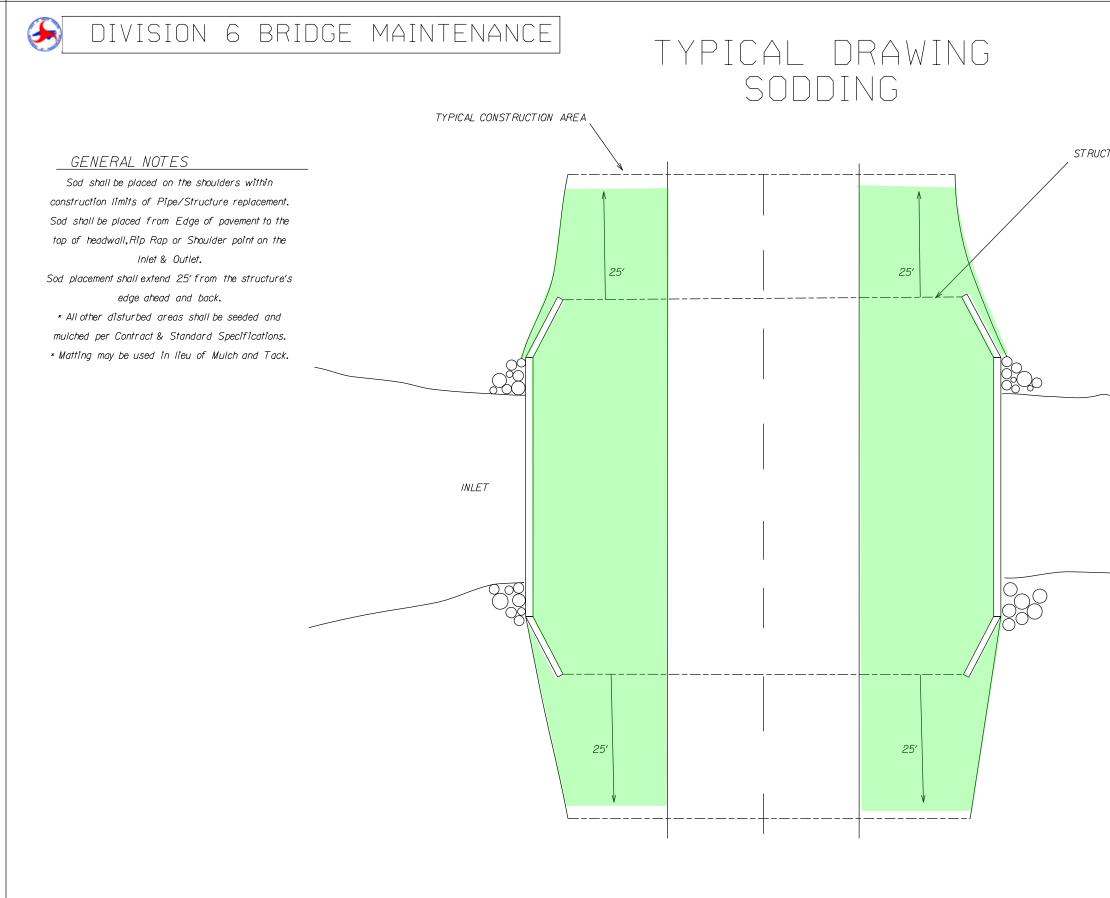
*CORE SAMPLES ARE REQUIRED

PROJECT LIMITS TYPICAL SECTION

* ALL WORK SHALL BE PERFORMED WITHIN THE PROJECT LIMITS OF 300'& THE NCDOT RIGHT-OF-WAY.ALL REPAIRS OUTSIDE OF THE PROJECT LIMITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND MADE IN ACCORDANCE WITH THE 2018 STANDARD SPECIFICATIONS AT NO COST TO THE DEPARTMENT.

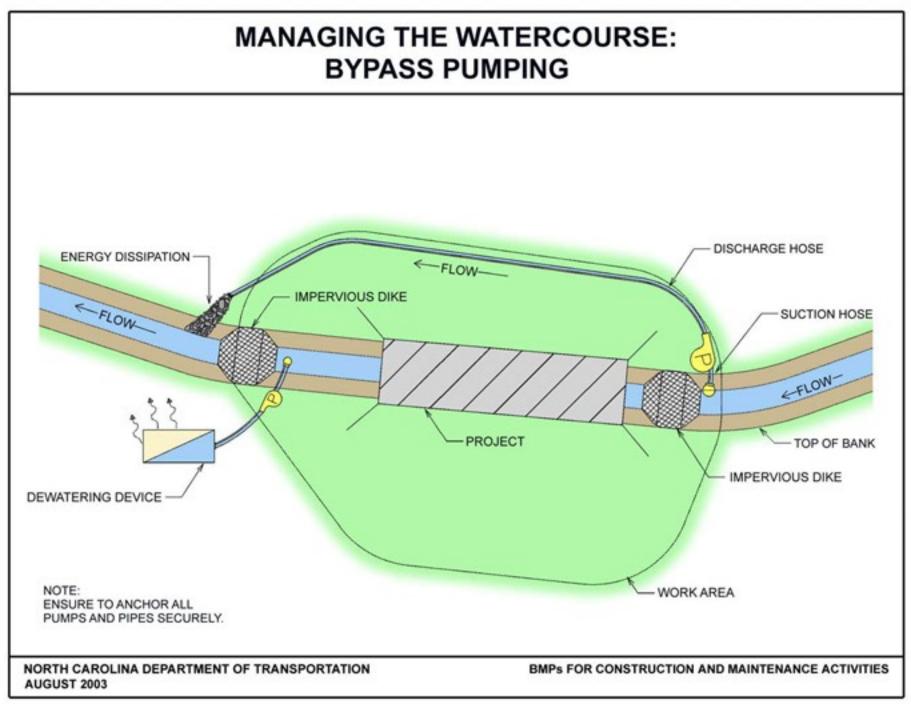
* S9.5B CONCRETE ASPHALT PLACEMENT SHALL NOT EXCEDE A MAXIMUM OF 150' FROM THE CENTERLINE OF EXCAVATION AND TRANSITION TO EXISTING WEARING SURFACE.

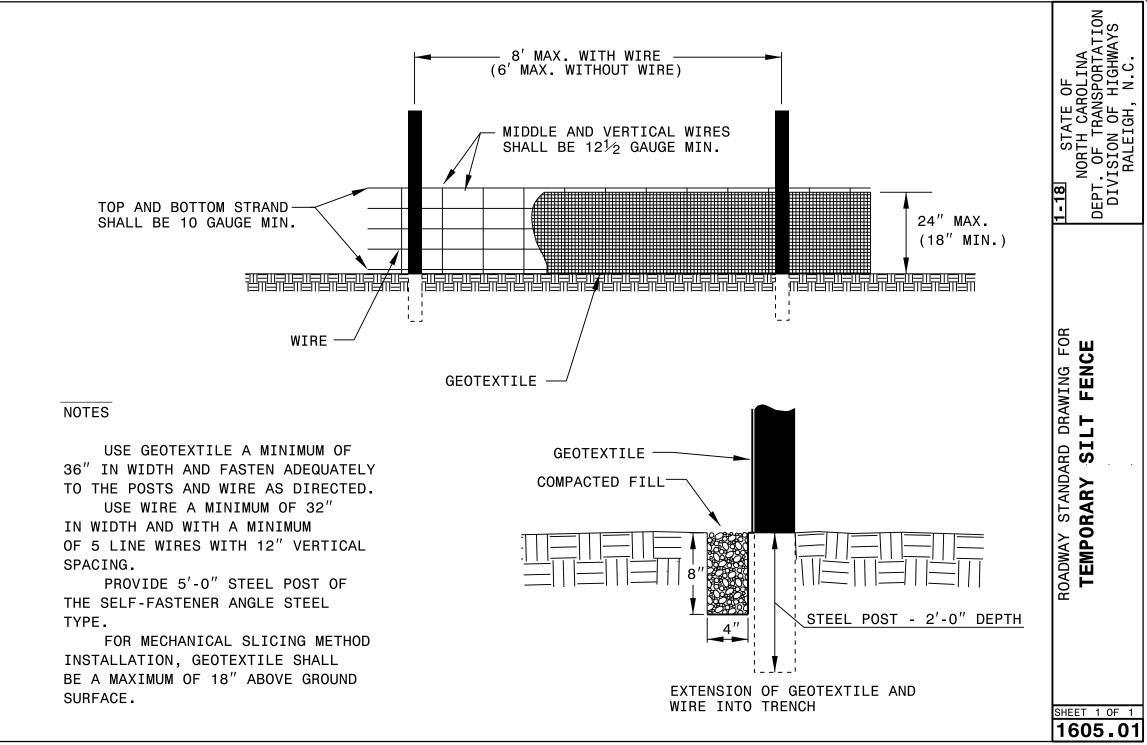




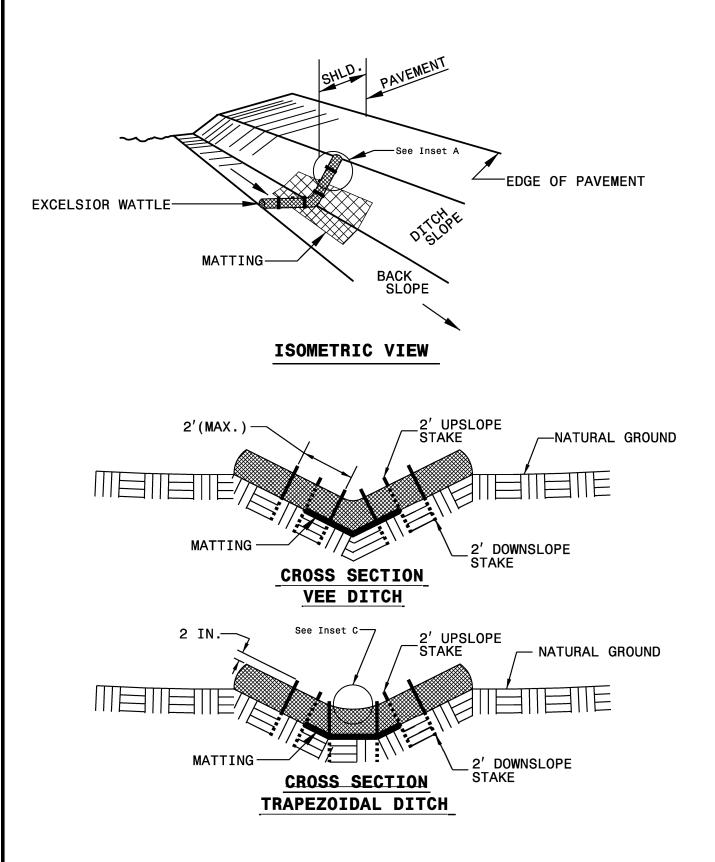
STRUCTURE EXTENTS

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.

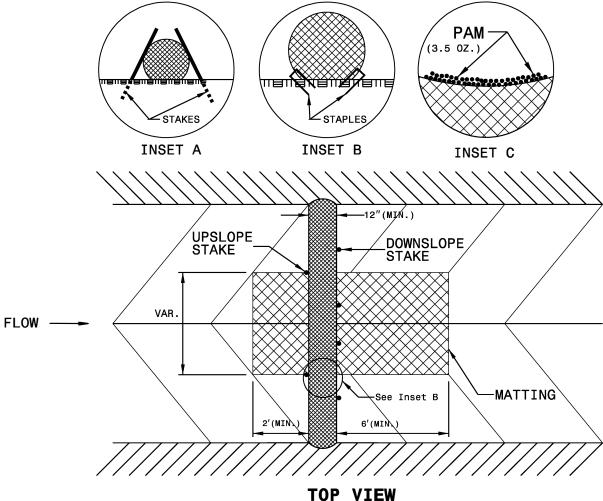
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

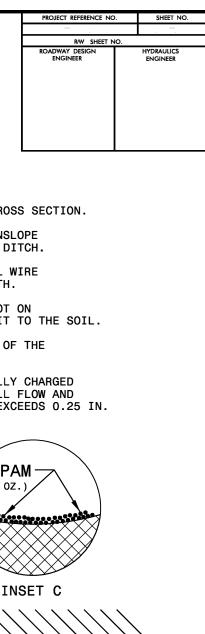
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN $12^{\prime\prime}$ IN LENGTH.

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

