PROJECT: 10B.200411, ETC

STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

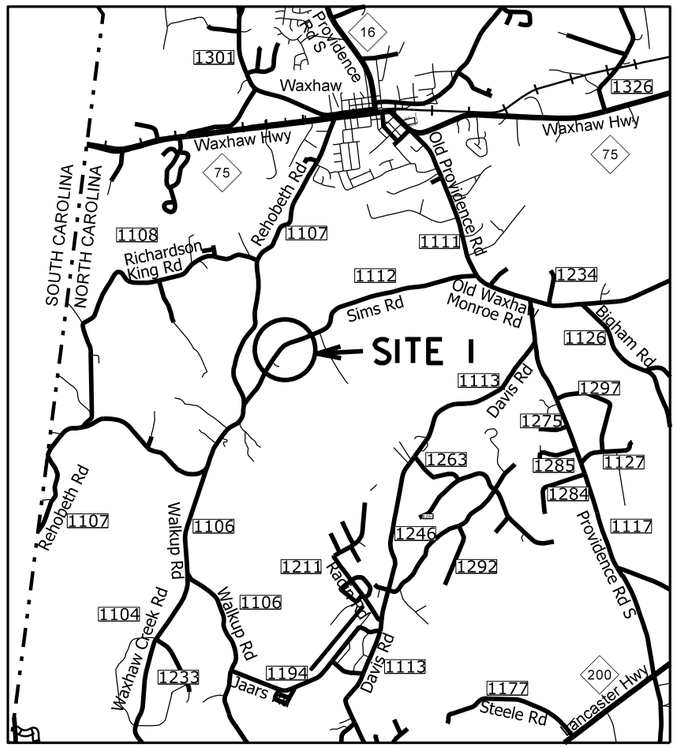
ANSON AND UNION COUNTY

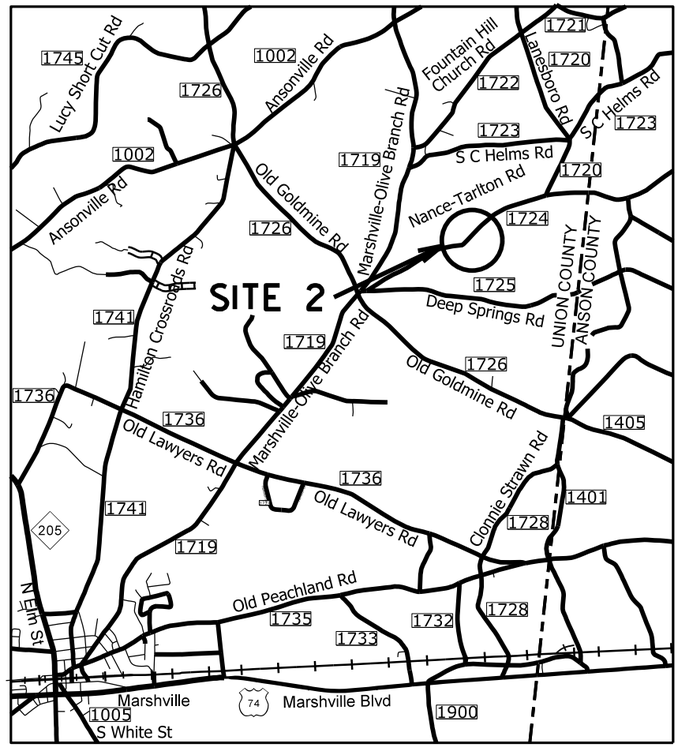
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	10B.200411	1	

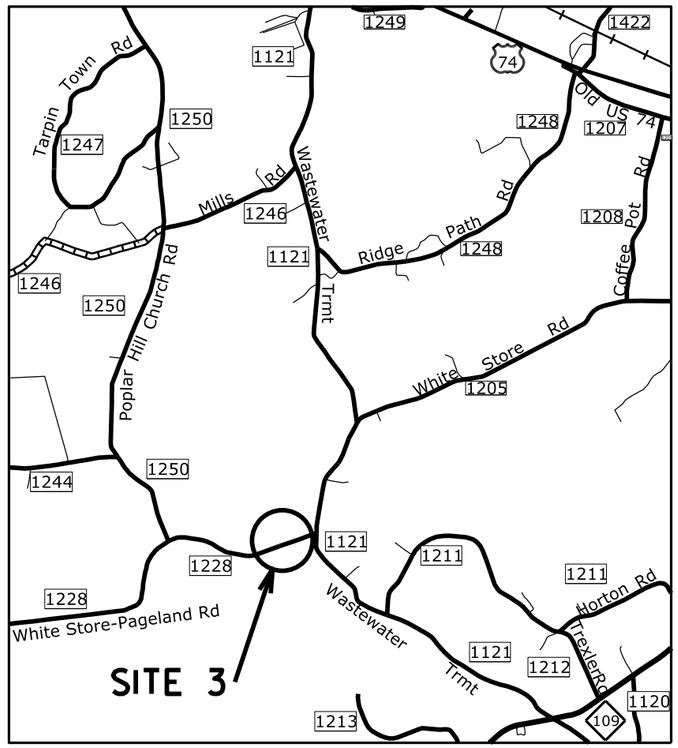
STATE PROJ.NO.	F.A. PROJ.NO.	DESCRIPTION
		P.E.
		R/W
		CONST.

LOCATION: *VARIOUS LOCATIONS*

TYPE OF WORK: *REMOVE AND REPLACE STRUCTURAL PIPE*







GRAPHIC SCALES

PLANS 0 50 100

PROFILE (HORIZONTAL) 0 50 100

PROFILE (VERTICAL) 0 5 10

DESIGN DATA

ADT =

ADT =

DHV = N/A %

D = N/A %

T = N/A %

V = N/A MPH

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT 10B.200411 = *VARIES MILES*

TOTAL LENGTH OF STATE PROJECT 10B.200411 = *VARIES MILES*

Prepared In the Office of:

DIVISION OF HIGHWAYS

DIVISION TEN

DIVISION DESIGN / CONSTRUCT UNIT

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

LETTING DATE:
APRIL 4, 2018

TERRY BURLESON
PROJECT ENGINEER

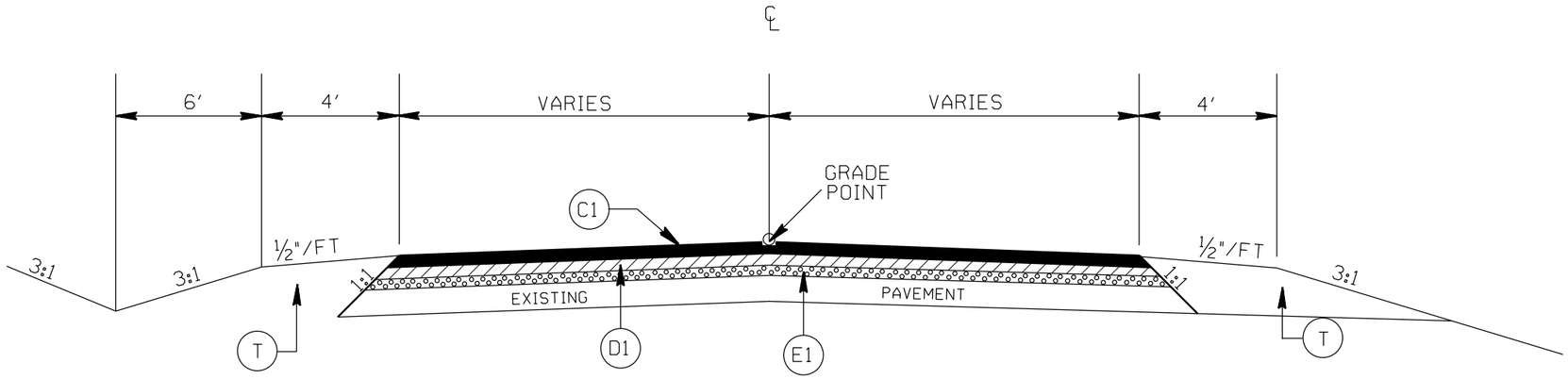
PROJECT DESIGN ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

APPROVED BY
DDC ENGINEER *DATE*

20-FEB-2018 13:43
S:\DDC\RDY\Anson\Pipe Replacement Anson c
tblowder AT D10DIVCAD277125

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10B.200411, Etc	2	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 1

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 4" ASPHALT CONC. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
T	EARTH MATERIAL

REMOVE AND REPLACE STRUCTURAL PIPE

SCALE	1"=50'
DATE	DEC 2017
DWG. BY	TBL
DESIGN BY	TWB
APPROVED	TWB

REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10B.200411, Etc	3	
F.A. PROJECT NO.			

NOTES: INTERMEDIATE EROSION AND SEDIMENTATION CONTROL BMP'S SHALL BE INSTALLED PRIOR TO THE BACKFILL OPERATION TO PROVIDE CONTAINMENT BETWEEN THE WORK AREA AND THE WATERCOURSE.

NOTES: REQUIRED THAT ALL WORK WITHIN THE STREAM BE COMPLETED "IN THE DRY".

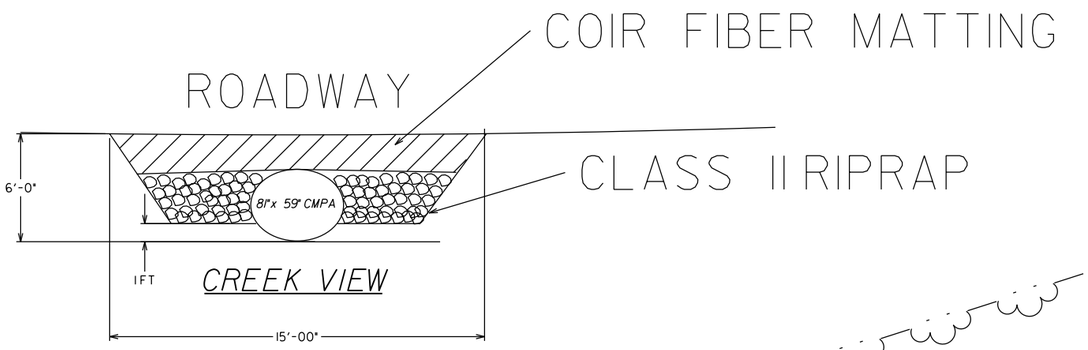
WATER SHALL BE PUMPED AROUND THE PROJECT SITE AND ALLOWED TO SHEET FLOW THROUGH VEGETATION OR BE FILTERED THROUGH AN APPROVED SILT BAG. GIVEN THE FACT THAT WATER WILL FLOW THROUGH THE PROJECT DURING EVENING HOURS, ANY EXPOSED DIRT SHOULD BE ~~COVERED WITH~~ FILTER FABRIC OR PLASTIC SHEETING PRIOR TO LEAVING THE PROJECT.

Impervious Dike:

The work covered by this section consists of furnishing, installing, maintaining, and removing an impervious dike for the purpose of diverting normal stream flow around the construction site. The Supervisor shall construct an impervious dike in such a manner approved by the Engineer. The impervious dike shall not permit seepage of water into the construction site or contribute to siltation of the stream. The impervious dike shall be constructed of an acceptable material in the locations noted on the plans or as directed by the Engineer.

Acceptable materials shall include but not be limited to sheet piles, sandbags, and/or the placement of an acceptable size stone lined with polypropylene or other impervious fabric.

Earth material shall not be used to construct an impervious dike when it is in direct contact with the stream unless vegetation can be established before contact with the stream takes place.

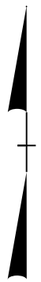


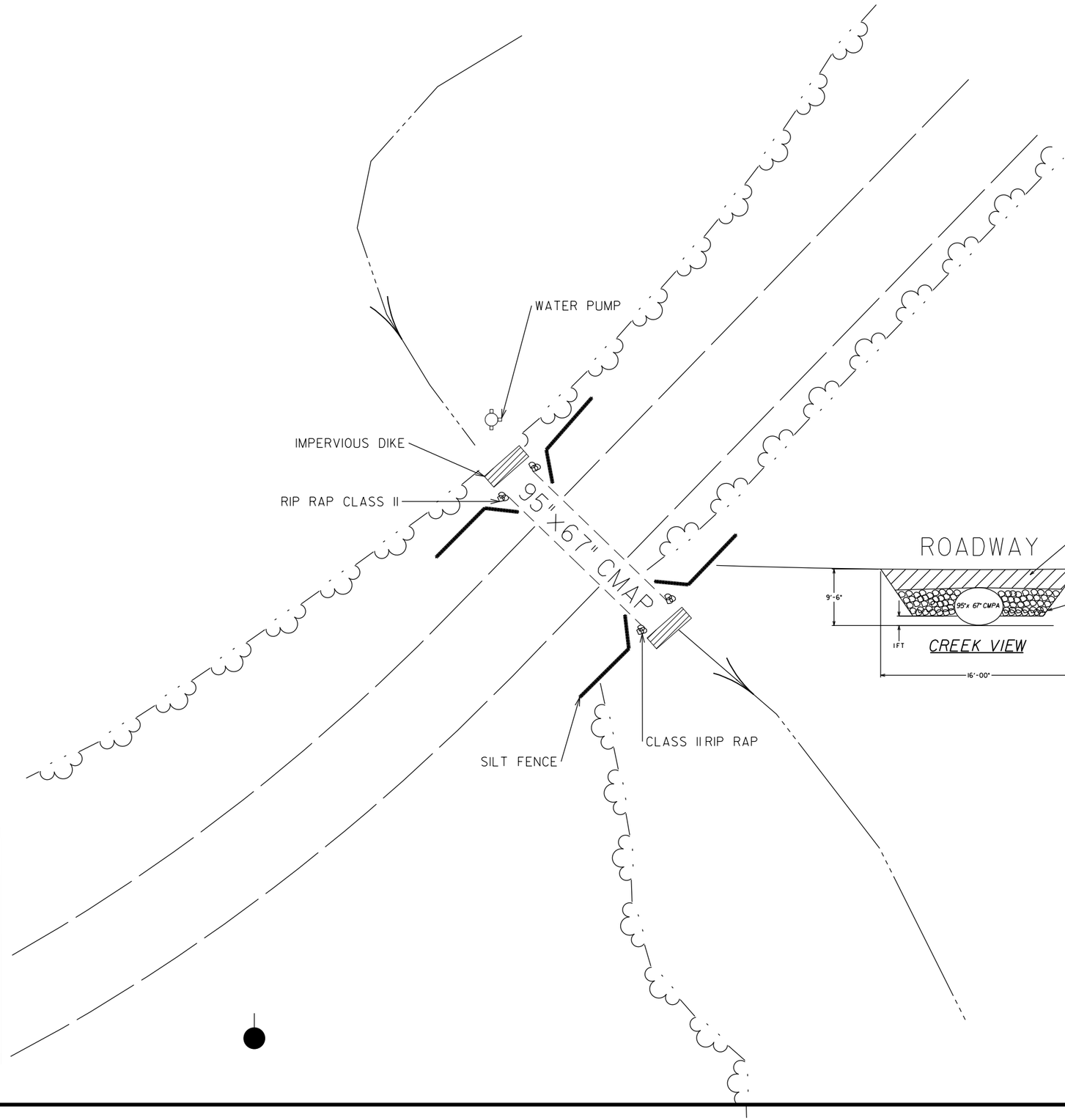
WHITE STORE RD. (SR 1228)
0.4 MI. W. JCT. (SR-1121)
IN ANSON COUNTY

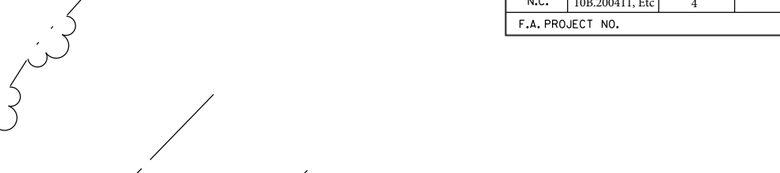
SCALE	N/A
DATE	2-13-18
DWG. BY	MJC
DESIGN BY	MJC
APPROVED	N/A

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10B.200411, Etc	4	
F.A. PROJECT NO.			







NOTES: INTERMEDIATE EROSION AND SEDIMENTATION CONTROL BMP'S SHALL BE INSTALLED PRIOR TO THE BACKFILL OPERATION TO PROVIDE CONTAINMENT BETWEEN THE WORK AREA AND THE WATERCOURSE.

NOTES: REQUIRED THAT ALL WORK WITHIN THE STREAM BE COMPLETED "IN THE DRY".

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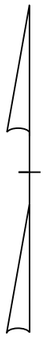
Earth material shall not be used to construct an impervious dike when it is in direct contact with the stream unless vegetation can be established before contact with the stream takes place.

NANCE TARLTON RD. (SR 1724)
1.0 MI. NE JCT. (SR 1725)
IN UNION COUNTY

		REVISIONS	
SCALE	N/A		
DATE	2-12-17		
DWG. BY	MJC		
DESIGN BY	MJC		
APPROVED	N/A		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10B.200411, Etc	5	
F.A. PROJECT NO.			



NOTES: STAGE ALL WORK SO THAT NC DOT BMP'S ARE ADHERED TO DURING REMOVAL OF EXISTING STRUCTURE AND INSTALLATION OF THE NEW STRUCTURE. USE EXTRA MEASURES TO ENSURE THAT ERODING SOILS ARE NOT AN ISSUE.

NOTES: REQUIRED THAT ALL WORK WITHIN THE STREAM BE COMPLETED "IN THE DRY".

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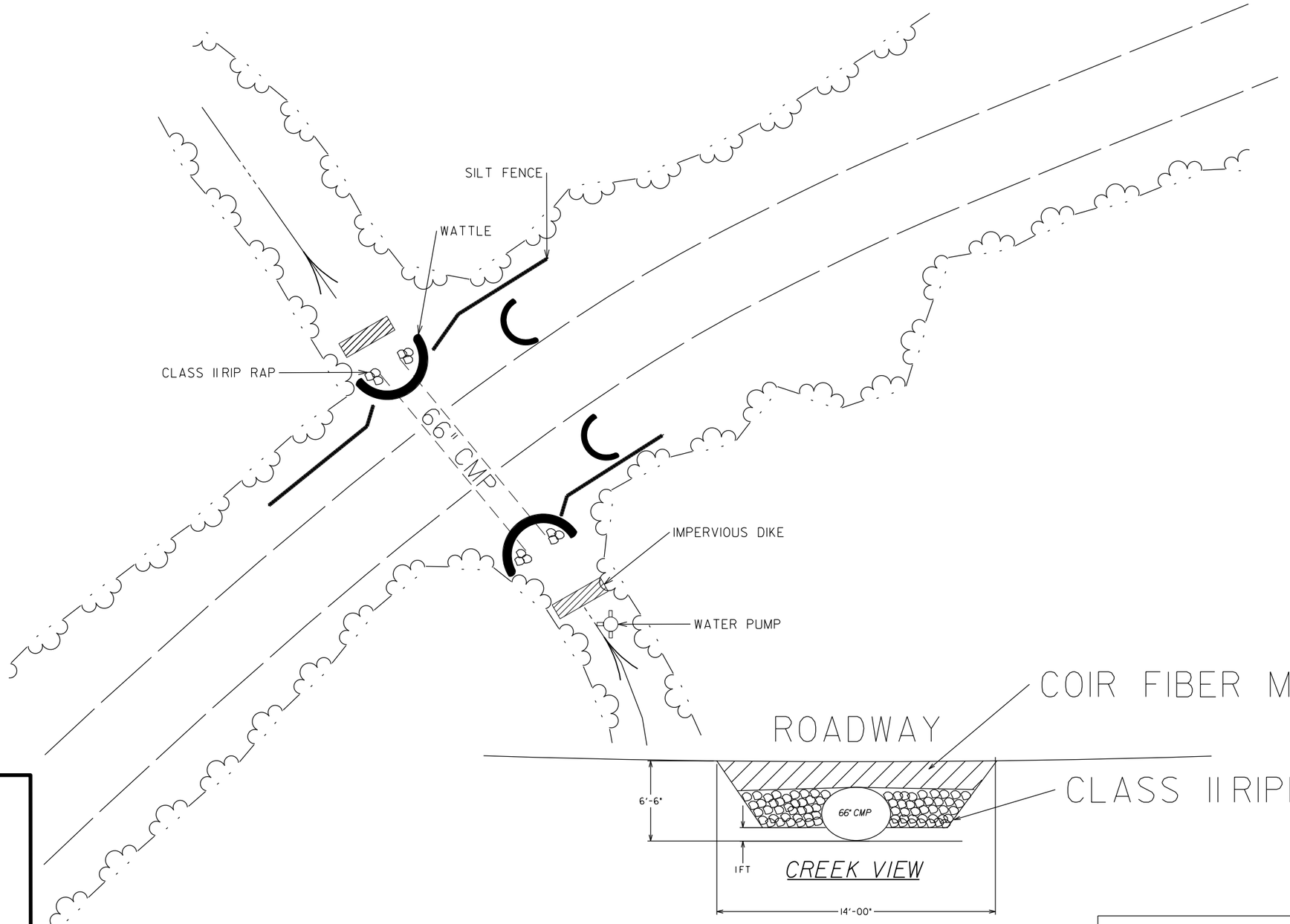

SIMMS RD. (SR 1112) 0.5 MI.
NE JCT. (SR 1107)
IN UNION COUNTY

		REVISIONS	
SCALE	N/A		
DATE	2-13-17		
DWG. BY	MJC		
DESIGN BY	MJC		
APPROVED	N/A		

PROJECT REFERENCE NO.	SHEET NO.
10B.200411, Etc	6
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	*STABILIZATION TIME*	*TIMEFRAME EXCEPTIONS*
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.