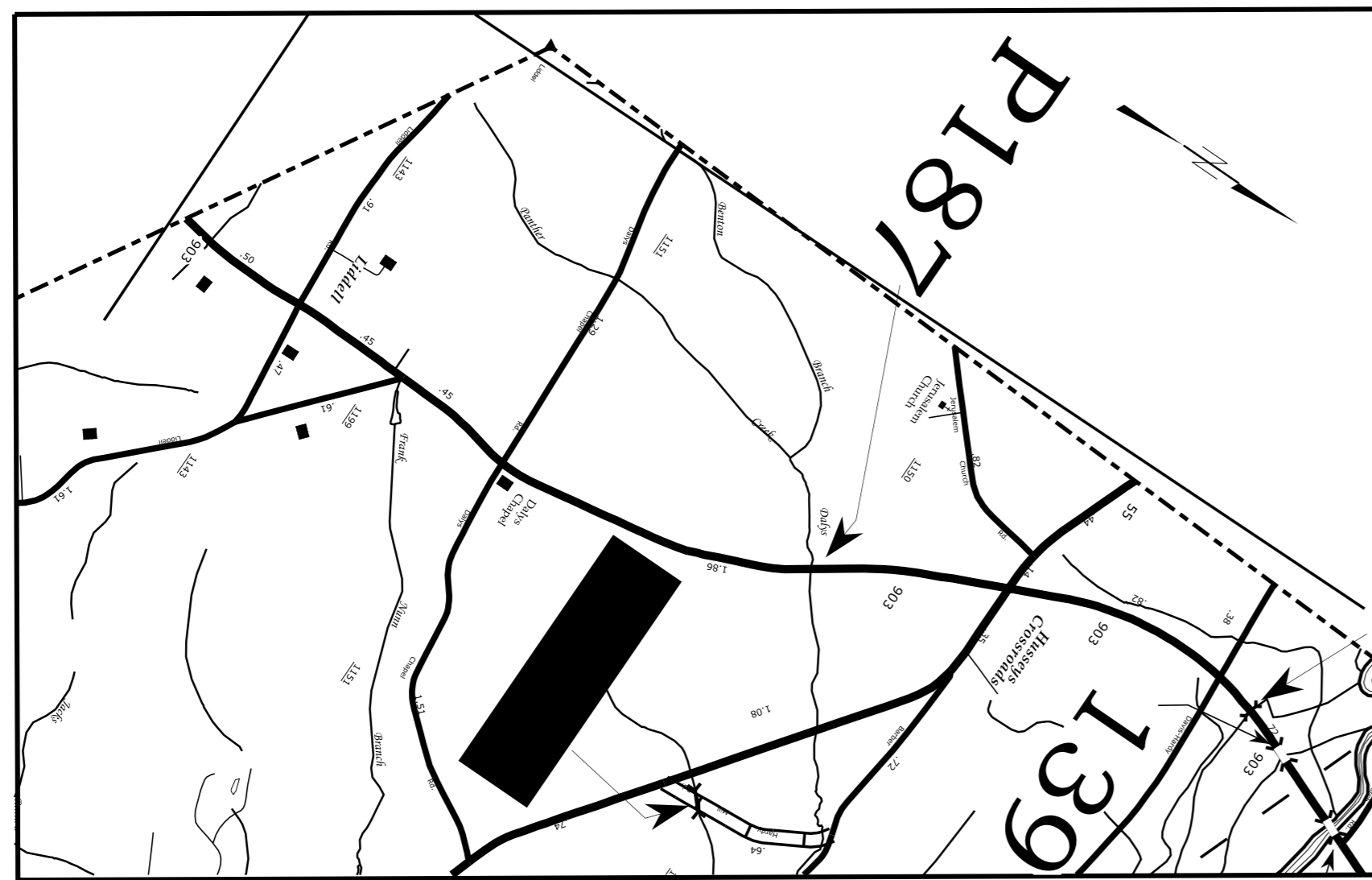


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	15402.1054807	1	15
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LENOIR COUNTY

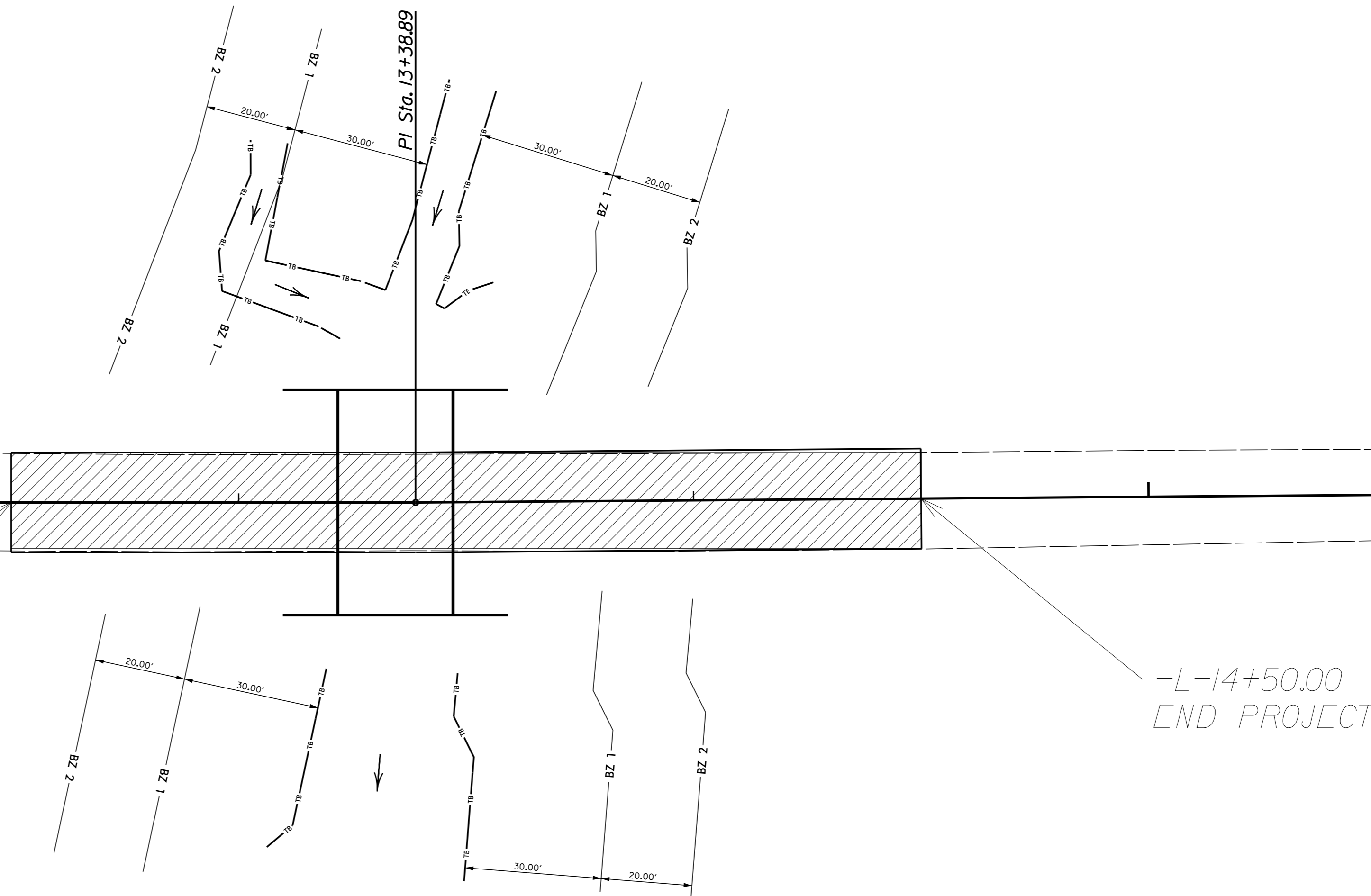
LOCATION: NC 903
STRUCTURE # (P187)
0.69 MILES SOUTH OF NC 55 INTERSECTION
TYPE OF WORK: CULVERT REPLACEMENT
DAMAGE DUE TO EFFECTS OF HURRICANE FLORENCE



See Sheet 1A For Index of Sheets

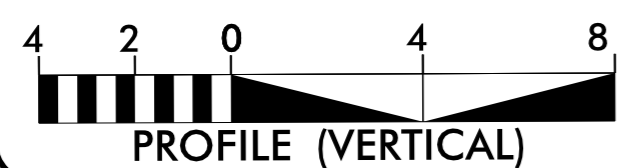
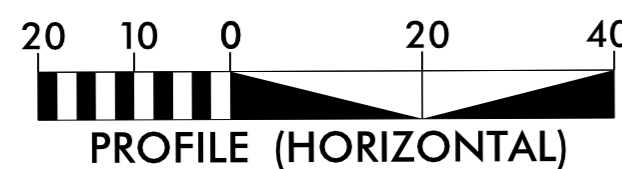
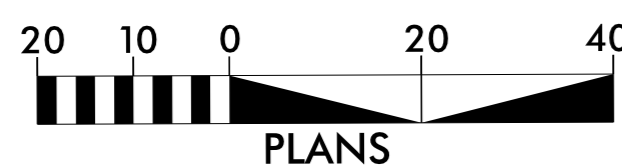
TIP PROJECT: 15402.1054807

CONTRACT: DB00456



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



PROJECT LENGTH

LENGTH OF PROJECT 15402.1054807 = 0.037 MI

Prepared in the Office of:
DIVISION OF HIGHWAYS
 1037 WH SMITH BLVD., GREENVILLE NC, 27835

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: OCTOBER 2018

LETTING DATE: NOVEMBER 2018

JEFFREY D. CABANISS, PE
PROJECT ENGINEER

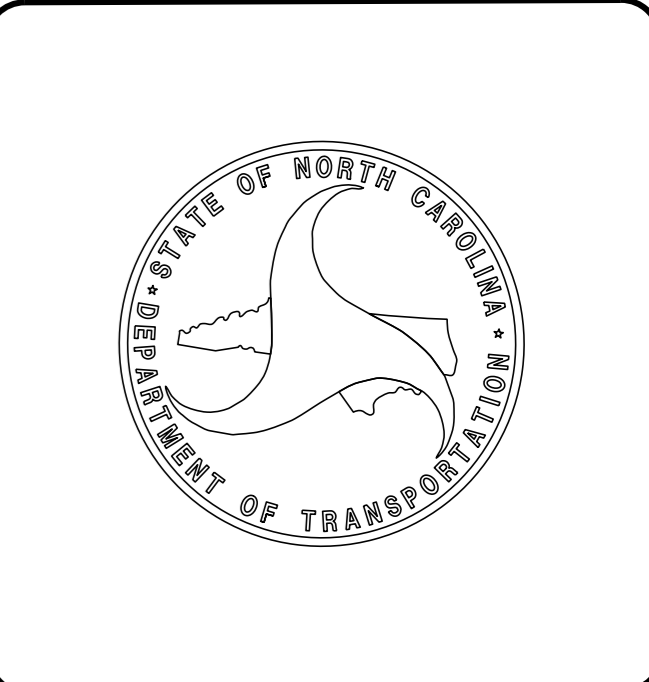
RICH GODLEY
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

DocuSigned by:
 Jeffrey D. Cabaniss
 SIGNATURE: 10/18/2018

ROADWAY DESIGN ENGINEER

DocuSigned by:
 Jeffrey D. Cabaniss
 SIGNATURE: 10/18/2018



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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

REVISIONS

INDEX OF SHEETS

1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2	TYPICAL SECTIONS
3	SUMMARY OF QUANTITIES
3A	SUMMARY OF EARTHWORK
4	PLANSHEET
TMP1-TMP2	TRAFFIC MANAGEMENT PLANS
EC1-EC3	EROSION CONTROL
X1A	CROSS SECTION SUMMARY
X1	CROSS SECTION SHEET

GENERAL NOTES:

2018 SPECIFICATIONS
EFFECTIVE: 01-16-2018

SUBSURFACE PLANS:

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

GRADING AND SURFACING OR RESURFACING AND WIDENING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

GRADING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED OR FUTURE SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

SIDE ROADS:

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

UTILITIES:

ALL UTILITIES WILL BE RELOCATED BY OTHERS.
OWNERS:
CENTURYLINK
TRI-COUNTY ELECTRIC
DEEP RUN WATER CORPORATION

2018 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2018 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
DIVISION 2 - EARTHWORK	
200.2	METHOD OF CLEARING - METHOD 11
225.02	GUIDE FOR GRADING SUBGRADE - SECONDARY AND LOCAL
DIVISION 16 - EROSION CONTROL	
1605.01	TEMPORARY SILT FENCE

8/17/99

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STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

12/2/2016

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ _{EP}
Computed Property Corner	----->
Property Monument	□ _{EDM}
Parcel/Sequence Number	⑫③
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	----- _{MLB}
Proposed Wetland Boundary	----- _{MLB}
Existing Endangered Animal Boundary	----- _{EAB}
Existing Endangered Plant Boundary	----- _{EPB}
Existing Historic Property Boundary	----- _{HPB}
Known Contamination Area: Soil	---S---S---
Potential Contamination Area: Soil	---S---S---
Known Contamination Area: Water	---W---W---
Potential Contamination Area: Water	---W---W---
Contaminated Site: Known or Potential	⊗

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ _S
Well	○ _W
Small Mine	⊗
Foundation	□
Area Outline	□
Cemetery	⊕
Building	□
School	□
Church	⊕
Dam	▬

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
Jurisdictional Stream	----- _{JS}
Buffer Zone 1	----- _{BZ 1}
Buffer Zone 2	----- _{BZ 2}
Flow Arrow	←
Disappearing Stream	-----
Spring	○
Wetland	-----
Proposed Lateral, Tail, Head Ditch	-----
False Sump	-----

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○ _{MILEPOST 35}
Switch	□ _{SWITCH}
RR Abandoned	-----
RR Dismantled	-----

RIGHT OF WAY & PROJECT CONTROL:

Secondary Horiz and Vert Control Point	◇
Primary Horiz Control Point	⊕
Primary Horiz and Vert Control Point	⊕
Exist Permanent Easement Pin and Cap	⊕
New Permanent Easement Pin and Cap	⊕
Vertical Benchmark	⊕
Existing Right of Way Marker	△
Existing Right of Way Line	-----
New Right of Way Line	-----
New Right of Way Line with Pin and Cap	-----
New Right of Way Line with Concrete or Granite RW Marker	-----
New Control of Access Line with Concrete C/A Marker	-----
Existing Control of Access	-----
New Control of Access	-----
Existing Easement Line	-----
New Temporary Construction Easement	-----
New Temporary Drainage Easement	-----
New Permanent Drainage Easement	-----
New Permanent Drainage / Utility Easement	-----
New Permanent Utility Easement	-----
New Temporary Utility Easement	-----
New Aerial Utility Easement	-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	----- _C
Proposed Slope Stakes Fill	----- _F
Proposed Curb Ramp	----- _{CR}
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊕
Pavement Removal	-----

VEGETATION:

Single Tree	⊗
Single Shrub	⊗

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	----- _{Vineyard}

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	----- _{CONC}
Bridge Wing Wall, Head Wall and End Wall	----- _{CONC WW}
MINOR:	
Head and End Wall	----- _{CONC HW}
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	□ _{CB}
Paved Ditch Gutter	-----
Storm Sewer Manhole	○ _S
Storm Sewer	----- _S

UTILITIES:

POWER:	
Existing Power Pole	●
Proposed Power Pole	○
Existing Joint Use Pole	●
Proposed Joint Use Pole	○
Power Manhole	⊕
Power Line Tower	⊗
Power Transformer	⊗
U/G Power Cable Hand Hole	-----
H-Frame Pole	●
U/G Power Line LOS B (S.U.E.*)	----- _P
U/G Power Line LOS C (S.U.E.*)	----- _P
U/G Power Line LOS D (S.U.E.*)	----- _P

TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Pedestal	⊕
Telephone Cell Tower	⊗
U/G Telephone Cable Hand Hole	-----
U/G Telephone Cable LOS B (S.U.E.*)	----- _T
U/G Telephone Cable LOS C (S.U.E.*)	----- _T
U/G Telephone Cable LOS D (S.U.E.*)	----- _T
U/G Telephone Conduit LOS B (S.U.E.*)	----- _{TC}
U/G Telephone Conduit LOS C (S.U.E.*)	----- _{TC}
U/G Telephone Conduit LOS D (S.U.E.*)	----- _{TC}
U/G Fiber Optics Cable LOS B (S.U.E.*)	----- _{T FO}
U/G Fiber Optics Cable LOS C (S.U.E.*)	----- _{T FO}
U/G Fiber Optics Cable LOS D (S.U.E.*)	----- _{T FO}

WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line LOS B (S.U.E.*)	----- _W
U/G Water Line LOS C (S.U.E.*)	----- _W
U/G Water Line LOS D (S.U.E.*)	----- _W
Above Ground Water Line	----- _{A/G Water}

TV:

TV Pedestal	⊕
TV Tower	⊗
U/G TV Cable Hand Hole	-----
U/G TV Cable LOS B (S.U.E.*)	----- _{TV}
U/G TV Cable LOS C (S.U.E.*)	----- _{TV}
U/G TV Cable LOS D (S.U.E.*)	----- _{TV}
U/G Fiber Optic Cable LOS B (S.U.E.*)	----- _{TV FO}
U/G Fiber Optic Cable LOS C (S.U.E.*)	----- _{TV FO}
U/G Fiber Optic Cable LOS D (S.U.E.*)	----- _{TV FO}

GAS:

Gas Valve	◇
Gas Meter	◇
U/G Gas Line LOS B (S.U.E.*)	----- _G
U/G Gas Line LOS C (S.U.E.*)	----- _G
U/G Gas Line LOS D (S.U.E.*)	----- _G
Above Ground Gas Line	----- _{A/G Gas}

SANITARY SEWER:

Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	----- _{SS}
Above Ground Sanitary Sewer	----- _{A/G Sanitary Sewer}
SS Forced Main Line LOS B (S.U.E.*)	----- _{FSS}
SS Forced Main Line LOS C (S.U.E.*)	----- _{FSS}
SS Forced Main Line LOS D (S.U.E.*)	----- _{FSS}

MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊕
Utility Unknown U/G Line LOS B (S.U.E.*)	----- _{U/L}
U/G Tank; Water, Gas, Oil	-----
Underground Storage Tank, Approx. Loc.	⊗
A/G Tank; Water, Gas, Oil	-----
Geoenvironmental Boring	⊗
U/G Test Hole LOS A (S.U.E.*)	⊗
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SUMMARY OF QUANTITIES

SECT	QUANTITY	UNIT	ITEM DESCRIPTION
800	1	LS	MOBILIZATION
801	1	LS	CONSTRUCTION SURVEYING
226	1	LS	GRADING
SP	1	LS	INSTALLATION OF NCDOT SUPPLIED 49.5' OF 25'-4" X 8'-7" CAAP WITH HEADWALLS
402	1	LS	REMOVAL OF EXISITNG STRUCTURE AT STATION (-L-13+34.46)
520	275	TON	AGGREGATE BASE COURSE
SP	150	TON	#57 STONE
SP	264	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION
876	200	SY	GEOTEXTILE FOR SOIL STABILIZATION
610	90	TON	ASPHALT CONC BASE COURSE,TYPE B25.0C
610	50	TON	ASPHALT CONC SURFACE COURSE,TYPE S9.5B
620	10	TON	ASPHALT BINDER FOR PLANT MIX
1605	415	LF	TEMPORARY SILT FENCE
SP	150	SY	COIR FIBER MAT
SP	50	SY	COIR FIBER WATTLE
1660	0.2	ACRE	SEEDING AND MULCHING
1661	50	LB	SEED FOR REPAIR SEEDING
1661	0.2	TON	FERTILIZER FOR REPAIR SEEDING
SP	200	LF	IMPERVIOUS DIKE
SP	3	EA	RESPONSE FOR EROSION CONTROL
SP	1	LS	DEWATERING

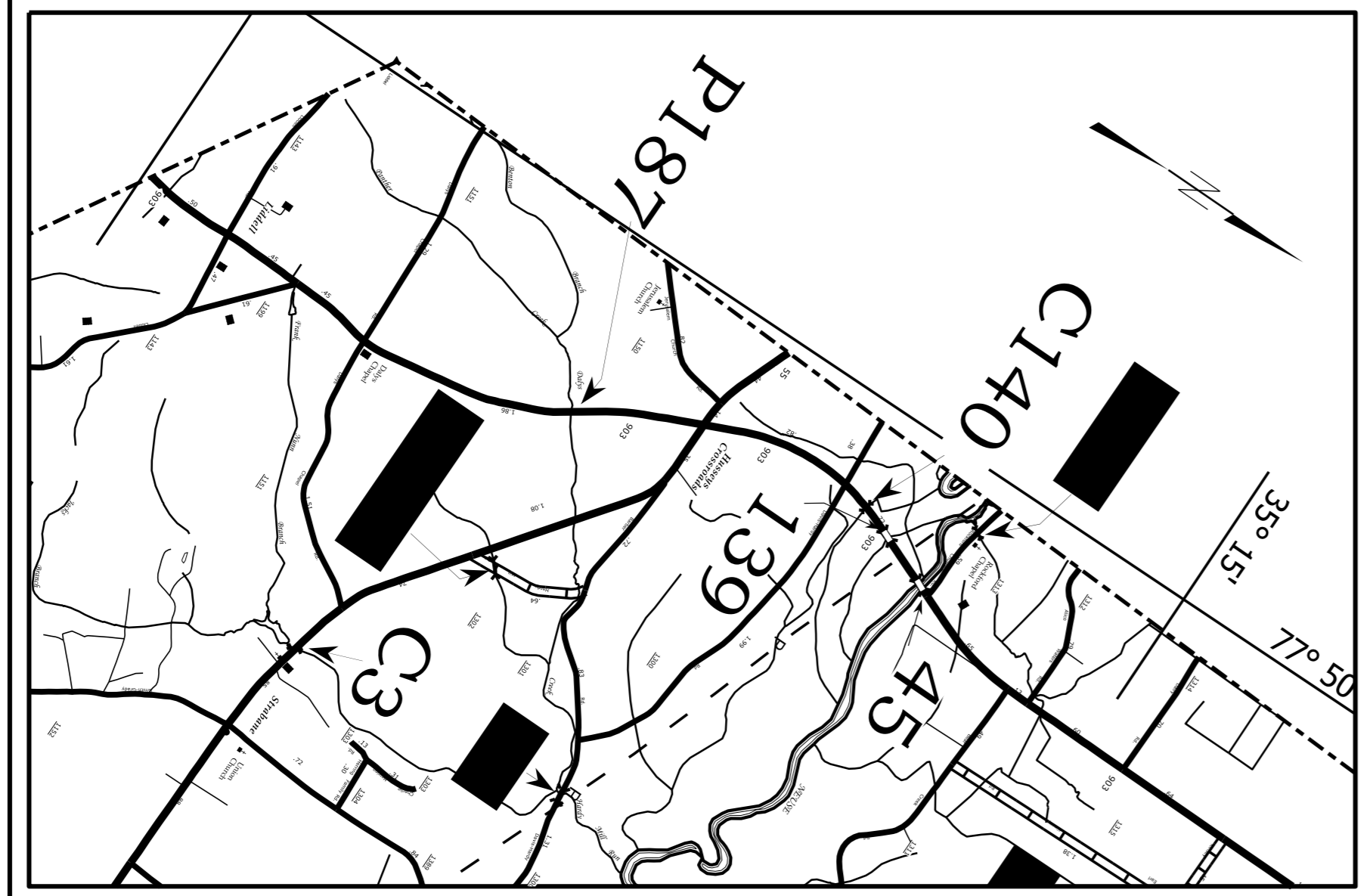
REVISIONS

8/17/99

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09/08/99

TIP PROJECT: 15402.1054807



VICINITY MAP (NOT TO SCALE)

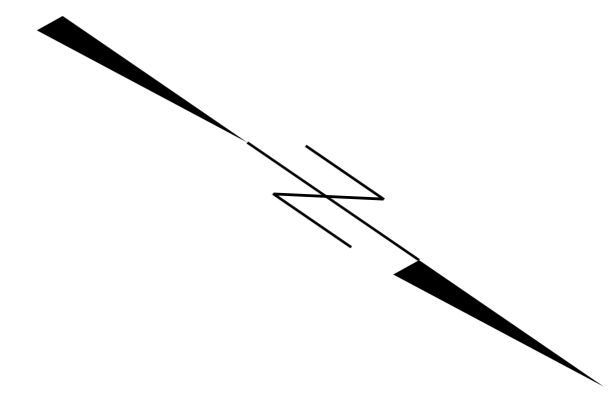
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

LENOIR COUNTY

LOCATION: NC903 (STRUCTURE P187)
0.69 MILE SOUTH OF NC55

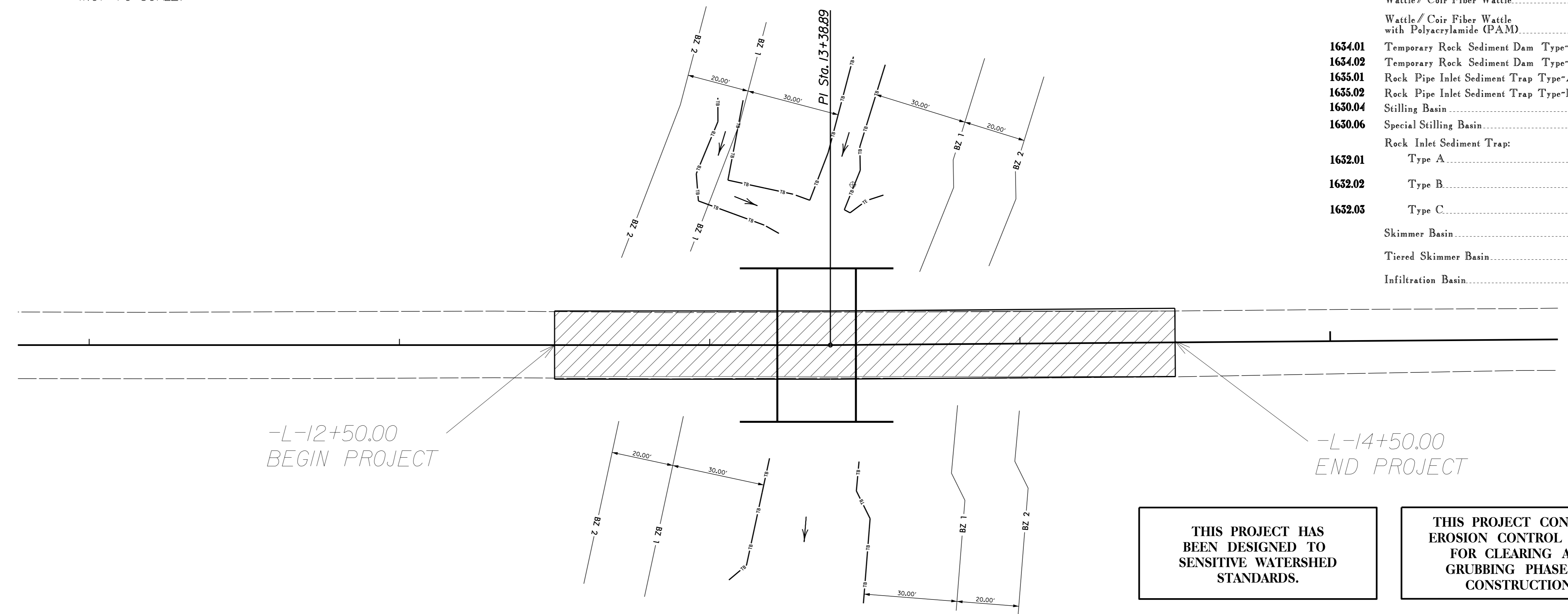
TYPE OF WORK: CULVERT REPLACEMENT



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	15402.1054807	1	3
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

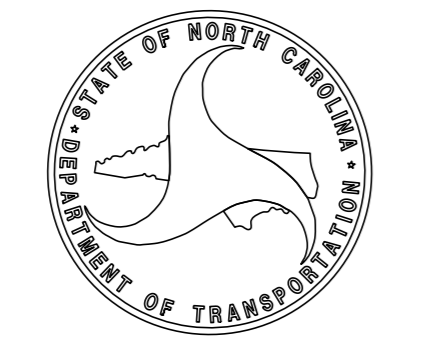
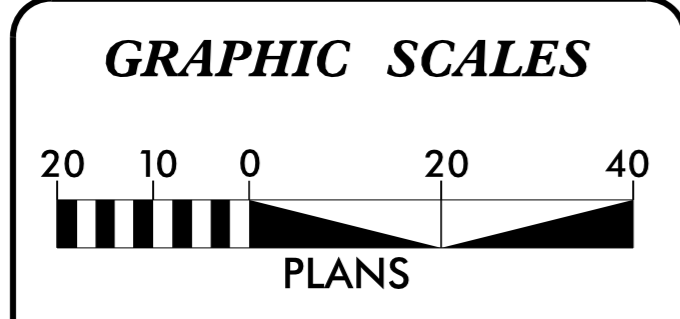
EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.05	Temporary Silt Ditch	---
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	III III III
1606.01	Special Sediment Control Fence	△△△△△
1622.01	Temporary Berms and Slope Drains	— — — — —
1630.02	Silt Basin Type B	▭
1633.01	Temporary Rock Silt Check Type-A	▨
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	▨
1633.02	Temporary Rock Silt Check Type-B	▨
	Wattle / Coir Fiber Wattle	~
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	~
1634.01	Temporary Rock Sediment Dam Type-A	▨
1634.02	Temporary Rock Sediment Dam Type-B	▨
1635.01	Rock Pipe Inlet Sediment Trap Type-A	U
1635.02	Rock Pipe Inlet Sediment Trap Type-B	U
1630.04	Stilling Basin	▭
1630.06	Special Stilling Basin	▭
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	▭
	Tiered Skimmer Basin	▭
	Infiltration Basin	▭



THIS PROJECT HAS BEEN DESIGNED TO SENSITIVE WATERSHED STANDARDS.

THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 1, 2016 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY.

2018 STANDARD SPECIFICATIONS

Prepared In the Office of:
DIVISION OF HIGHWAYS
1037 WH SMITH BLVD
GREENVILLE, NC 27834

Rich Godley
Level III
Certification #3559

Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2018 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type B
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
1607.01 Gravel Construction Entrance	1633.01 Temporary Rock Silt Check Type A
1622.01 Temporary Berms and Slope Drains	1633.02 Temporary Rock Silt Check Type B
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type B	1634.02 Temporary Rock Sediment Dam Type B
1630.03 Temporary Silt Ditch	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.04 Stilling Basin	1635.02 Rock Pipe Inlet Sediment Trap Type B
1630.05 Temporary Diversion	1640.01 Coir Fiber Baffle
1630.06 Special Stilling Basin	1645.01 Temporary Stream Crossing
1631.01 Matting Installation	

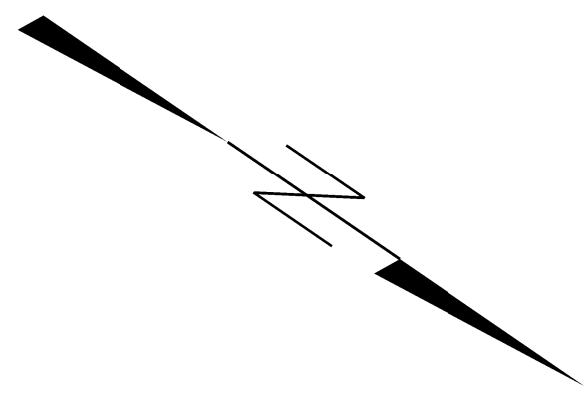
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SOIL STABILIZATION TIMEFRAMES

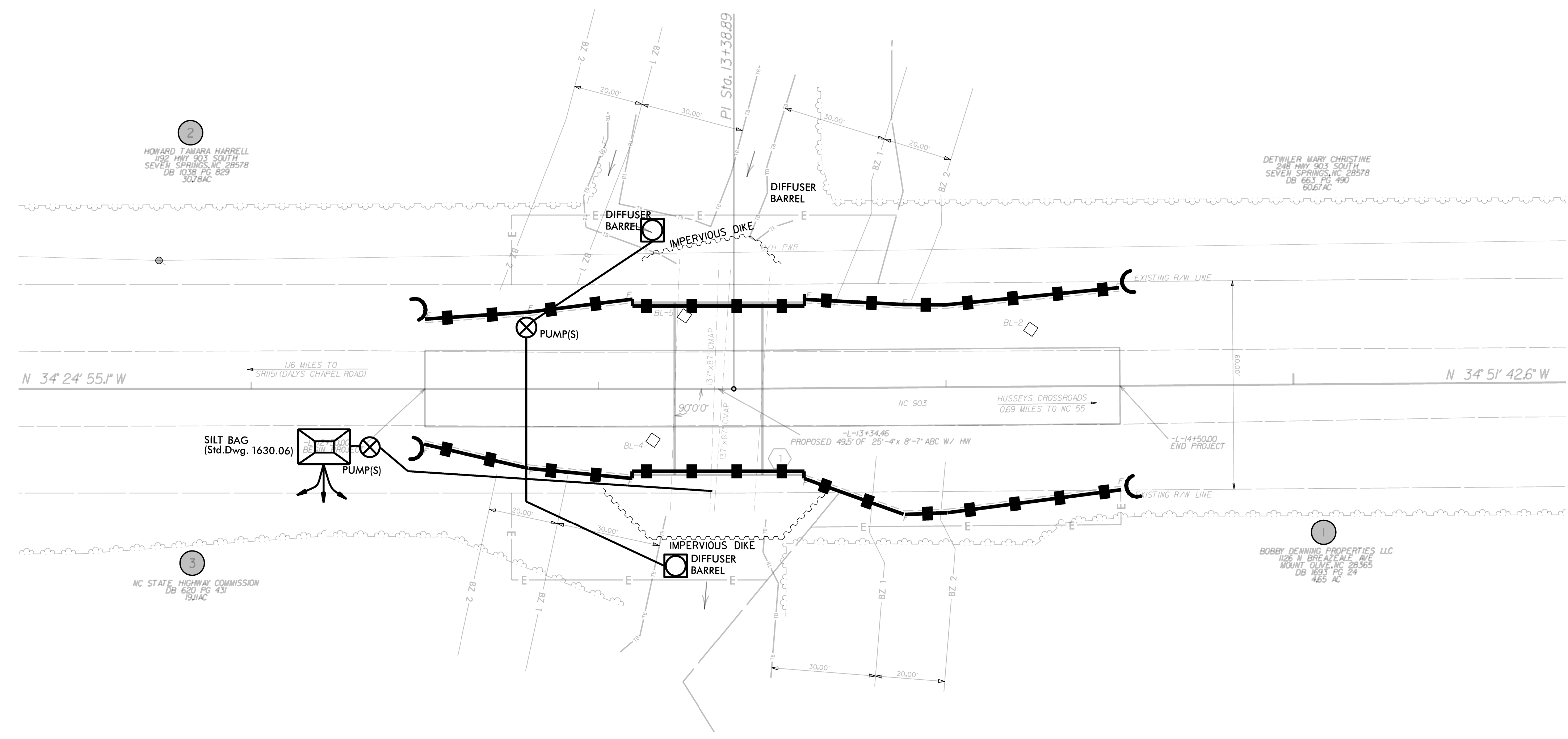
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	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 HOW ZONES.

NOTE: THE CONTRACTOR SHALL INSTALL WATTLES IN LOW AREAS OF SILT FENCE AS NEEDED OR AS DIRECTED BY THE ENGINEER.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.
ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.
CONTRACTOR SHALL INSTALL SPECIAL SEDIMENT CONTROL FENCE OR WATTLES IN LOW AREAS OF SILT FENCE AS NEEDED OR DIRECTED BY THE ENGINEER.



REVISIONS



**NOTE: COIR FIBER MATTING,
PLACED AS DIRECTED BY ENGINEER**

PERMIT: NWP3

Pipe Installation Schedule

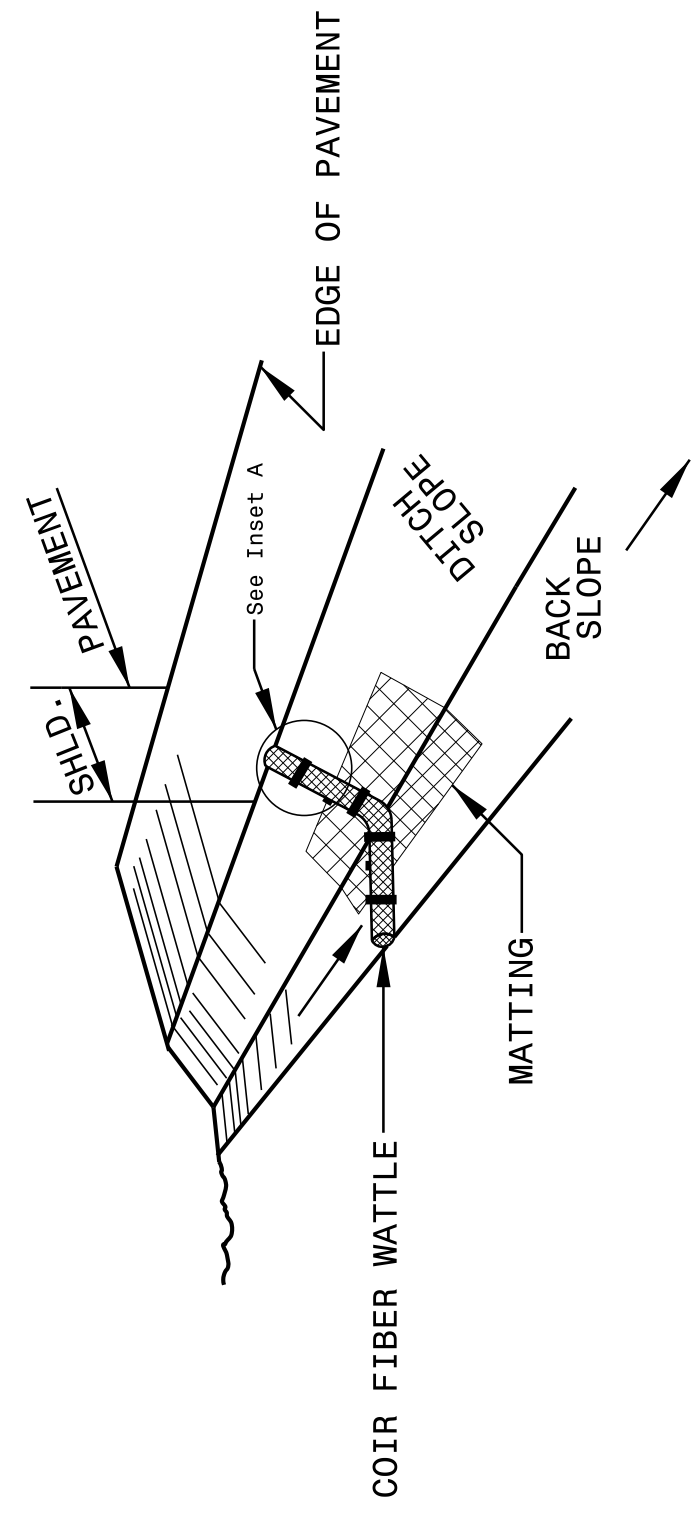
1. Install erosion control devices per plans, including impervious dikes, silt bag and turbidity curtain (if needed).
2. Remove material and existing pipe while limiting, as much as possible, material and sediment from entering the stream and/or escaping from the project.
3. Prepare pipe foundation while taking care to limit material and sediment from entering the stream and/or escaping from the project. Imbed the pipe invert in accordance with the permit. If needed, bedding materials will be clean stone (especially in Trout and High Quality Waters).
4. Place new pipe and compact fill.
5. Install slope protection on outlet and inlet ends of pipe according to the permit drawing prior to removing the impervious dikes and pumping operation. Also, complete installation of erosion control measures and perform maintenance as needed on existing measures.
6. Establish permanent vegetation as soon as possible. Matting with nylon mesh cannot be used within 25' of the stream bank.

8/17/99

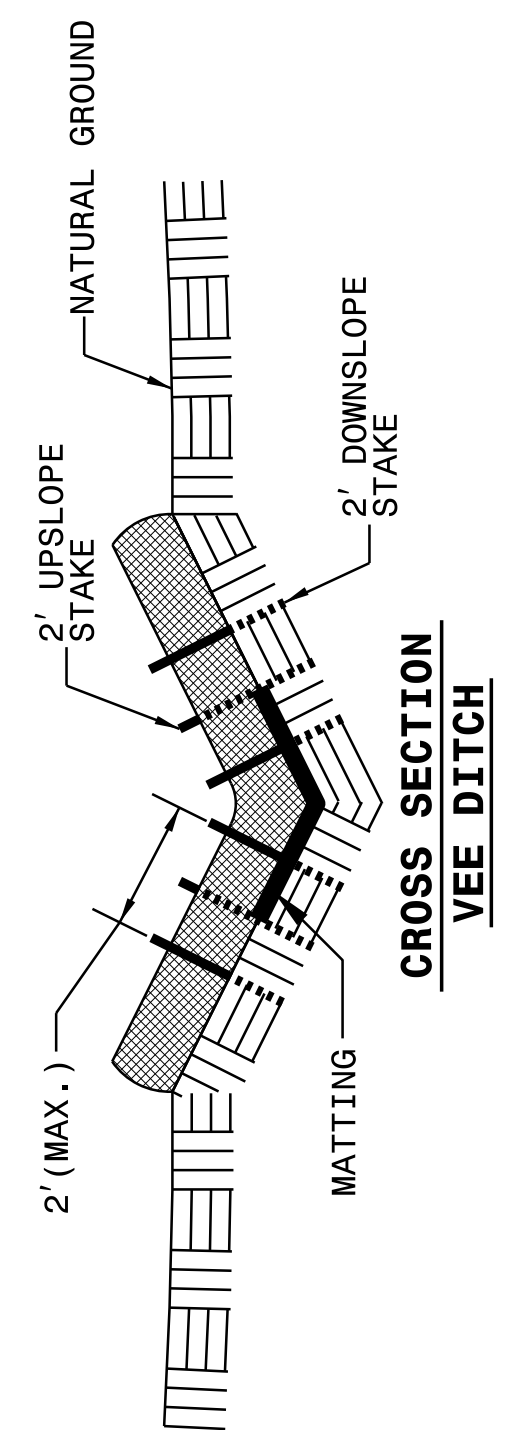
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COIR FIBER WATTLE DETAIL

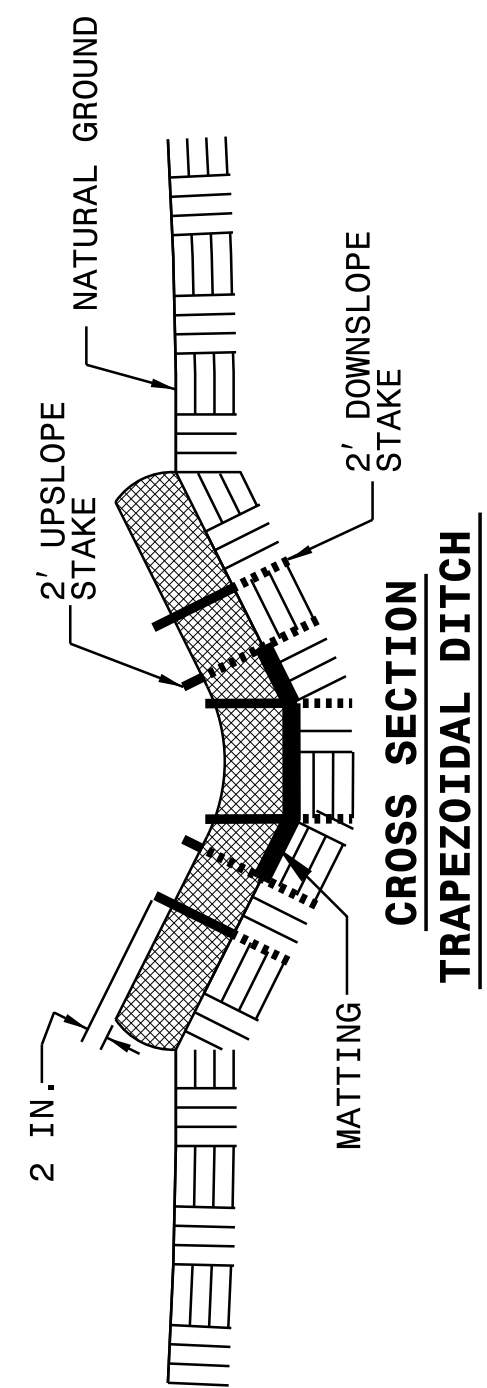
NOTES:
 USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE.
 USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
 ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.
 INSTALL A MINIMUM OF 2 UPSLOPE STAKES 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" 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.



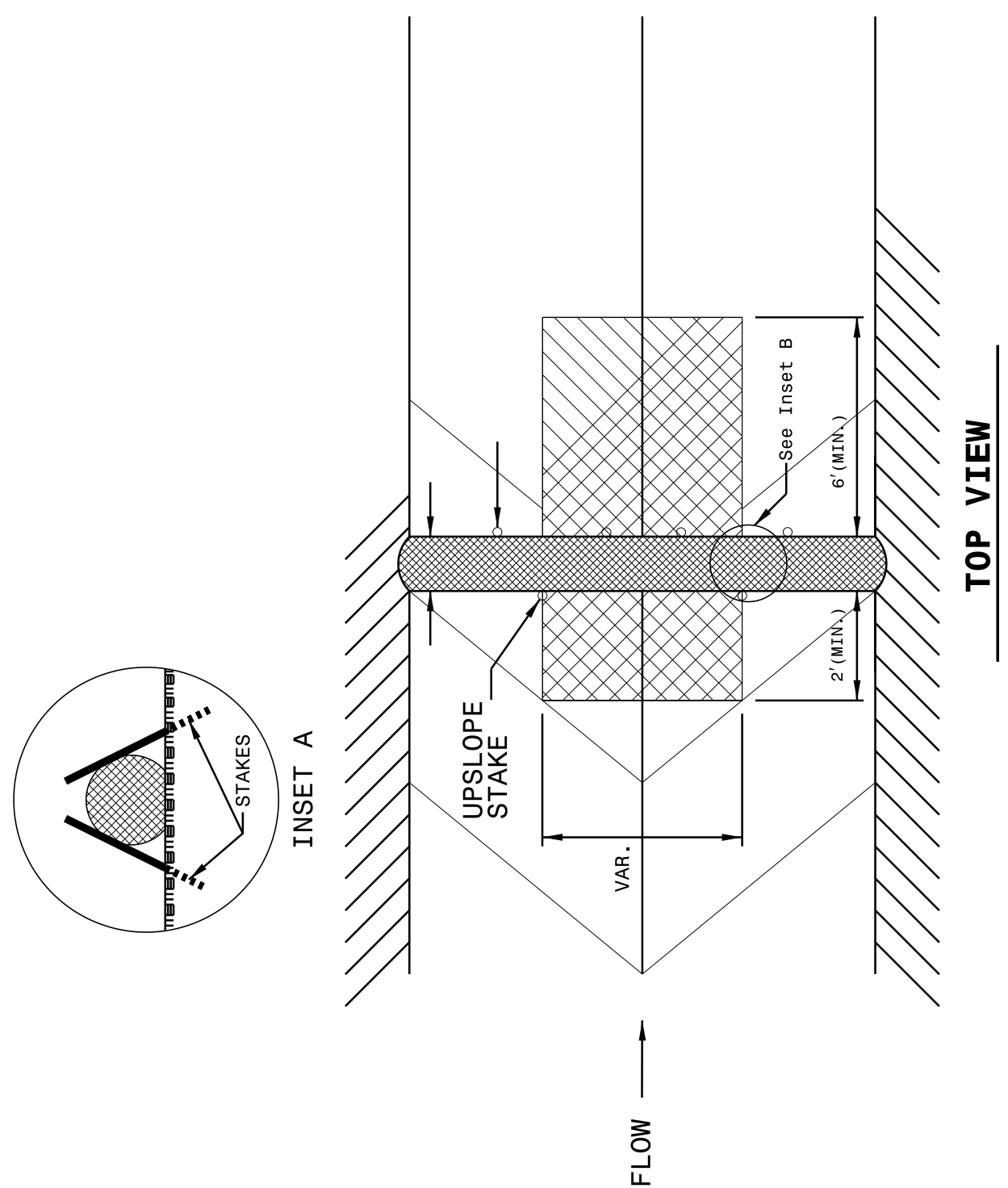
ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH



TOP VIEW

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

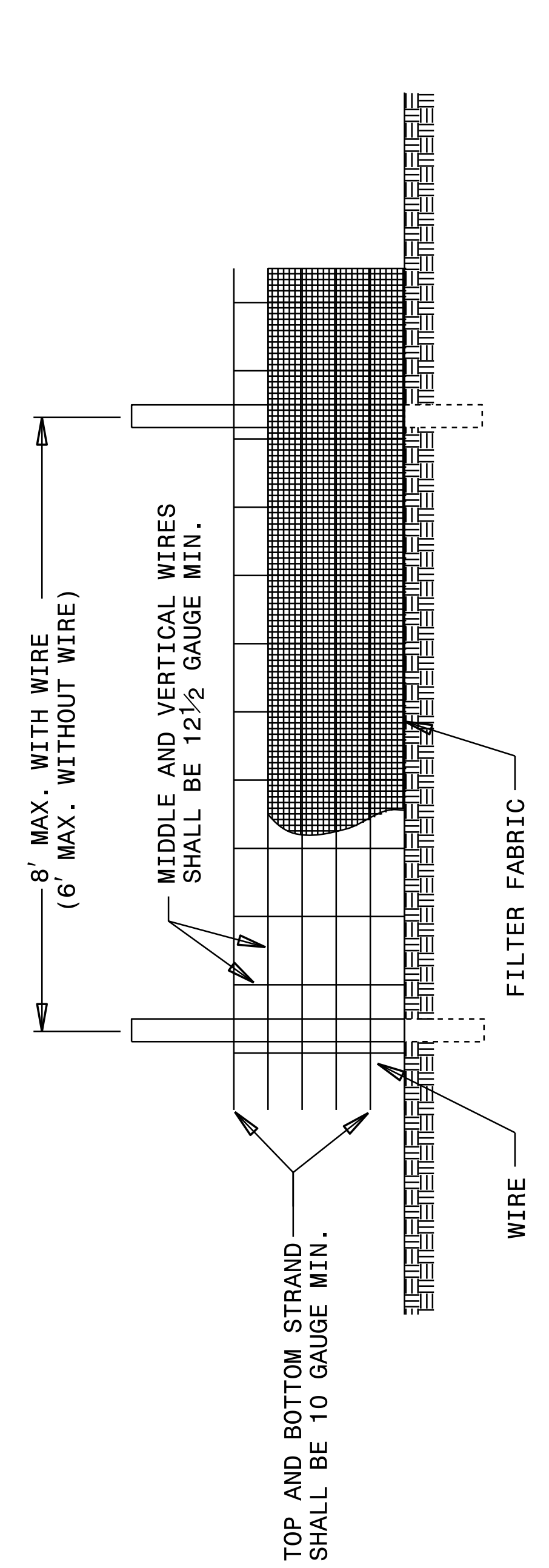
ENGLISH STANDARD DRAWING FOR
TEMPORARY SILT FENCE

SHEET 1 OF 1
1605.01

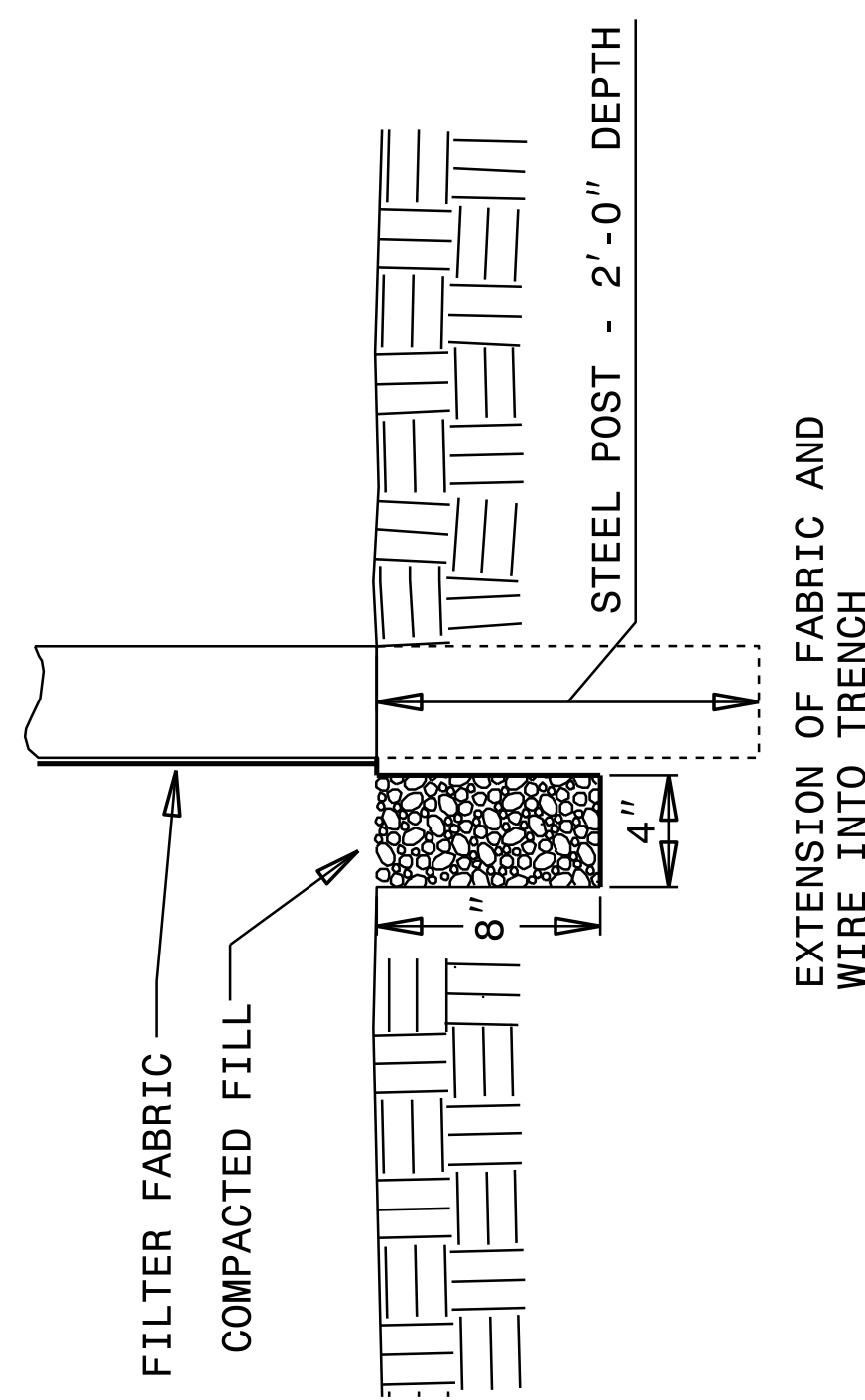
STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR
TEMPORARY SILT FENCE

SHEET 1 OF 1
1605.01



NOTES
 USE WIRE A MINIMUM OF 32" IN WIDTH AND WITH A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 USE FILTER FABRIC A MINIMUM OF 36" IN WIDTH AND FASTEN ADEQUATELY TO THE WIRE AS DIRECTED BY THE ENGINEER.
 PROVIDE 5'-0" STEEL POST OF THE SELF-FASTENER ANGLE STEEL TYPE.

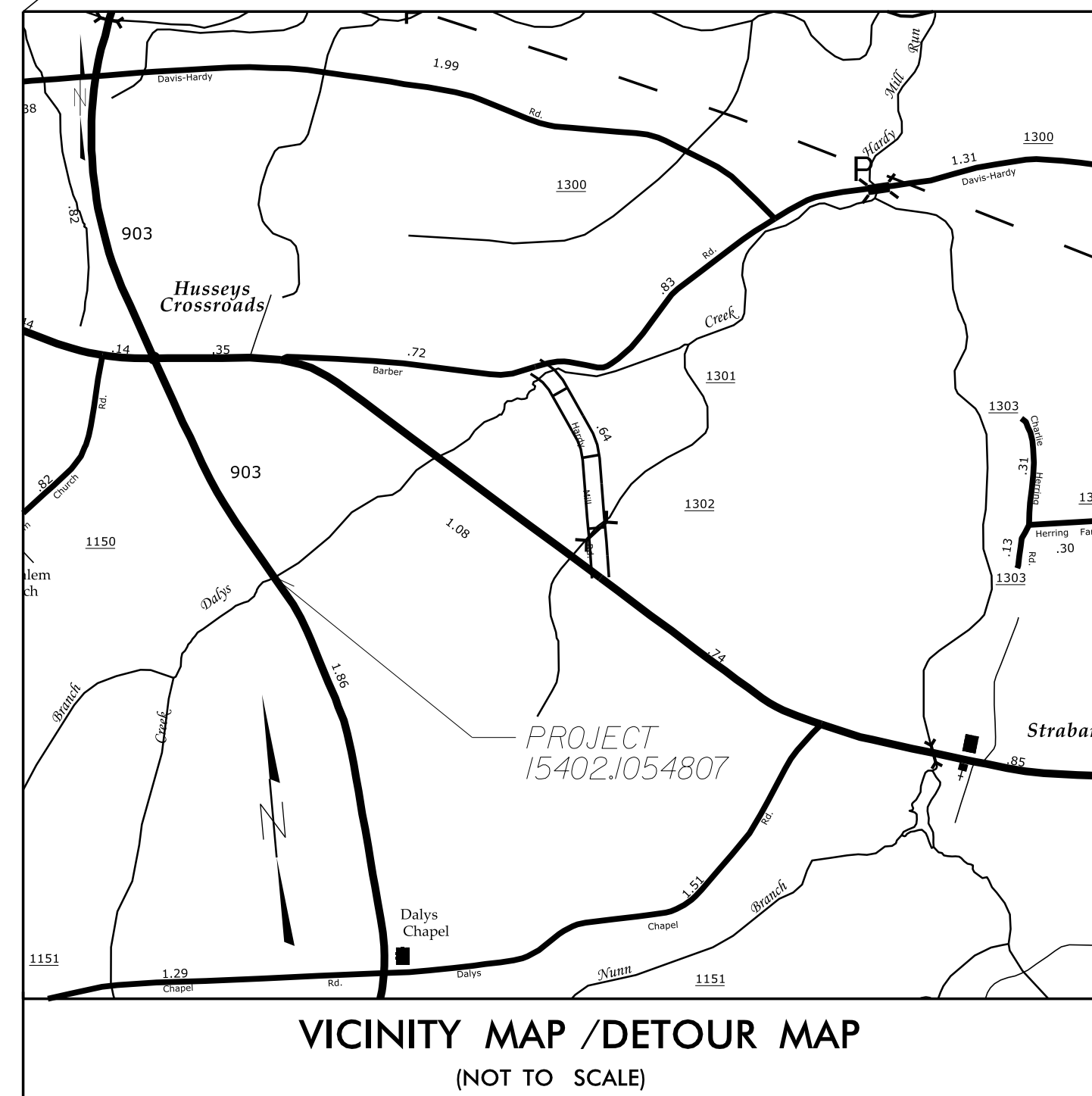
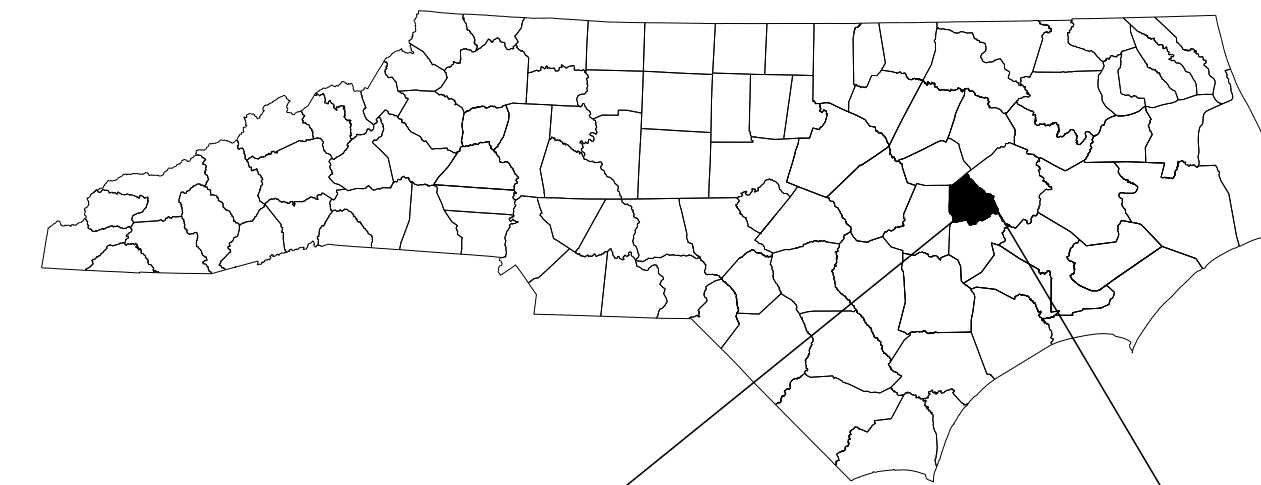


EXTENSION OF FABRIC AND WIRE INTO TRENCH

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

LENOIR COUNTY



INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET WITH VICINITY MAP & INDEX OF SHEETS, LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND.
TMP-2	PROJECT NOTES, DETOUR AND PLANS.

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS"-HIGHWAY DESIGN BRANCH-N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C. DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.03 (SHT. 1 OF 9)	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES (TYPE III)

LEGEND

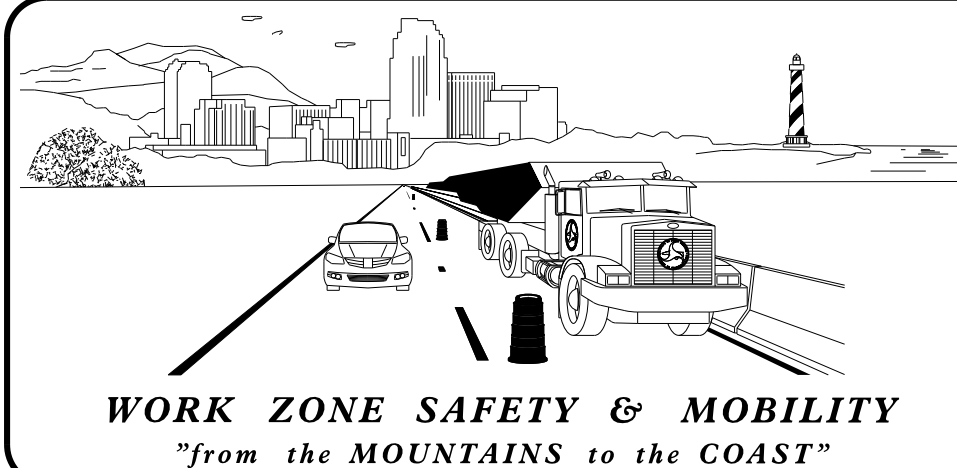
GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- NORTH ARROW
- PROPOSED PVMT.
- EXIST. PVMT.
- WORK AREA

TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)

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N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1037 WH SMITH BLVD, GREENVILLE, NC 27834
PHONE: (252) 439-2840 FAX: (252) 830-3352

JEFFREY D. CABANISS, PE **TRAFFIC ENGINEER**
JEFFREY D. CABANISS, PE **TRAFFIC CONTROL PROJECT ENGINEER**
Rich Godley **TRAFFIC CONTROL PROJECT DESIGN ENGINEER**
Rich Godley **TRAFFIC CONTROL DESIGN ENGINEER**



APPROVED: Jeffrey D. Cabaniss
DATE: 10/18/2018

SEAL



STATE PROJECT: 15402.1054807

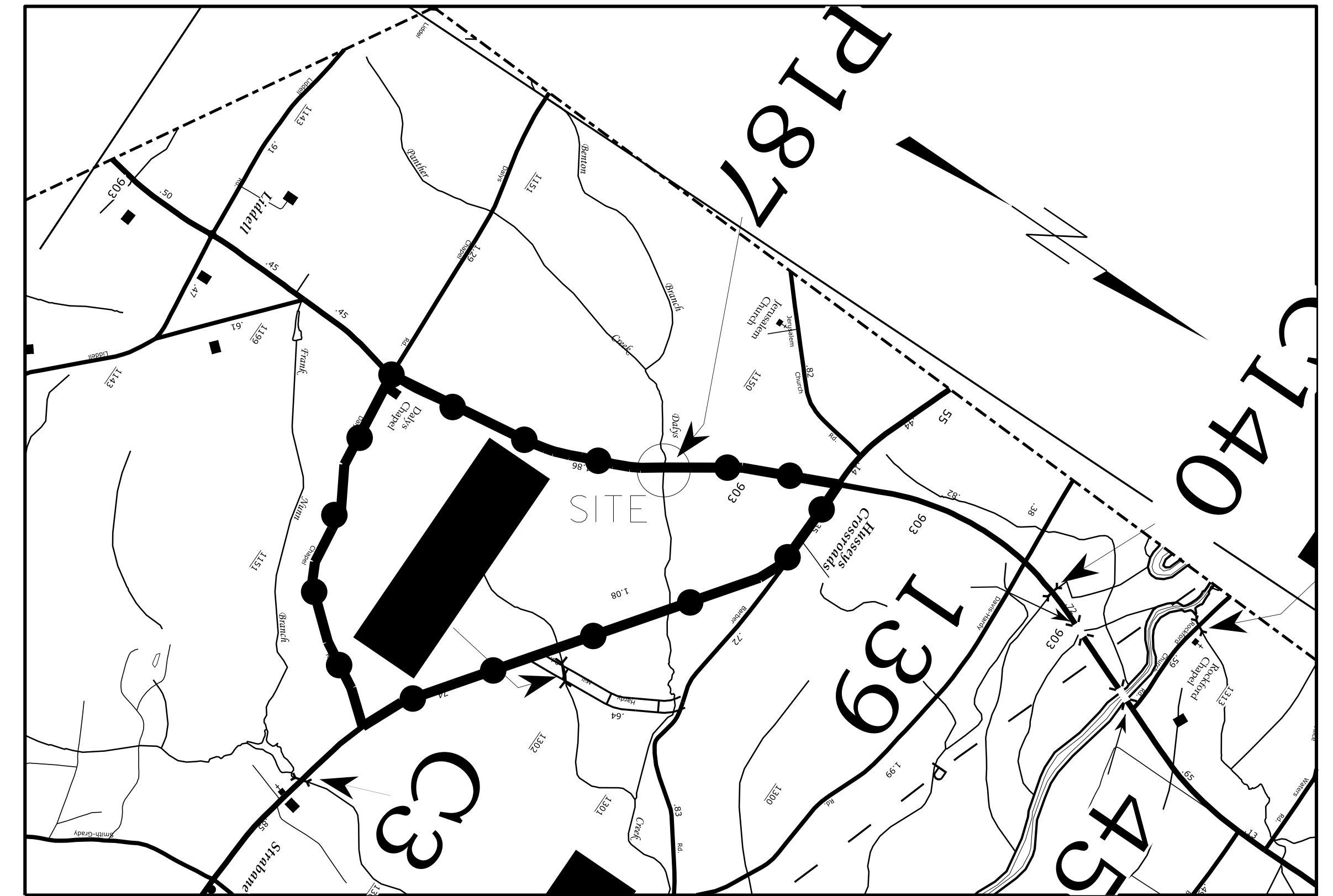
SHEET NO.
TMP-1

GENERAL NOTES

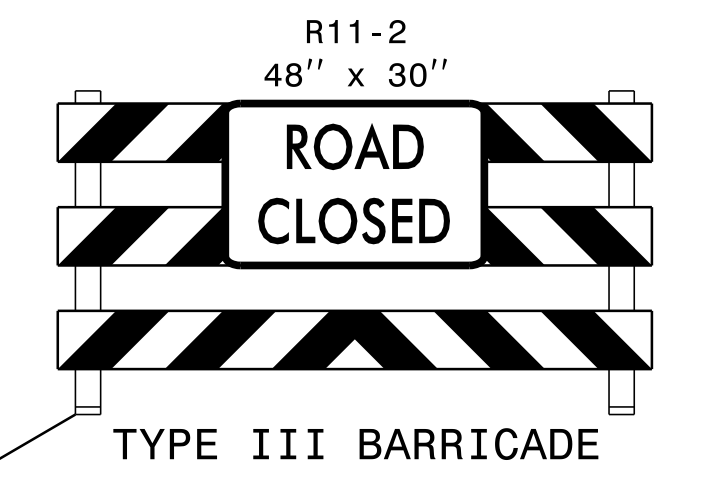
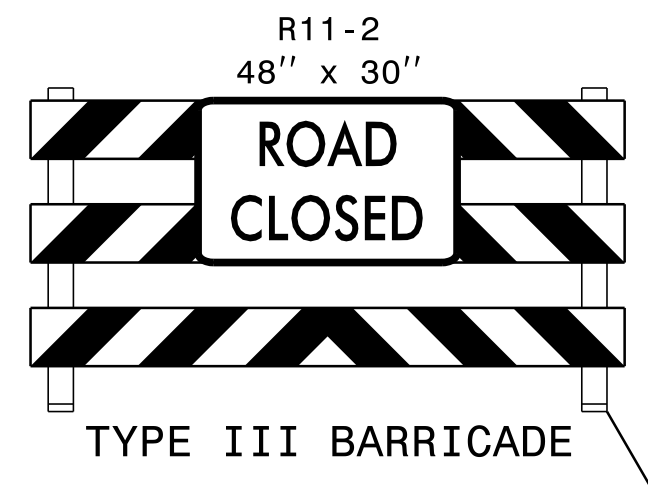
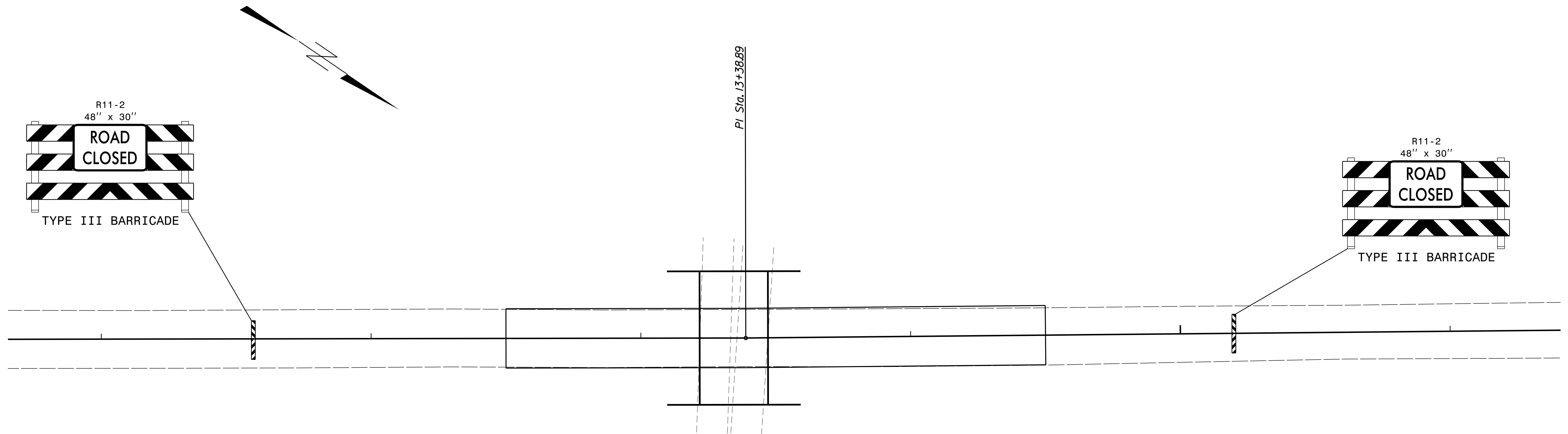
IMPLEMENT TRAFFIC CONTROL IN ACCORDANCE WITH THE ROADWAY STANDARD DRAWINGS LISTED ON TMP-1.

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS, OR RESULT IN DUPLICATE, OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES, AS DIRECTED BY THE ENGINEER.

STATE FORCES WILL INSTALL AND MAINTAIN THE PROJECT DETOUR AND THE TYPE III BARRICADES AT THE PROJECT LIMITS. STATE FORCES WILL INSTALL PAINT AND MARKERS ON THE FINISHED PROJECT. CONTACT JEFFREY DUNNING AT 252-439-2950 FOR COORDINATION. PROVIDE A MINIMUM 2 WEEK NOTICE.



DETOUR ROUTE



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APPROVED: *Jeffrey D. Cabanis* DATE: 10/18/2018

SEAL

TRANSPORTATION OPERATIONS PLAN

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY
IN CUBIC YARDS

LOCATION (-L-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT	STRUCTURE EXCAVATION
<i>12 + 79.89</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>13 + 09.71</i>	<i>17</i>	<i>0</i>	<i>5</i>	<i>385</i>
<i>13 + 34.46</i>	<i>15</i>	<i>0</i>	<i>2</i>	<i>1008</i>
<i>13 + 59.21</i>	<i>14</i>	<i>0</i>	<i>4</i>	<i>1626</i>
<i>13 + 87.78</i>	<i>15</i>	<i>0</i>	<i>14</i>	<i>1989</i>
<i>14 + 00.00</i>	<i>2</i>	<i>0</i>	<i>10</i>	<i>0</i>
<i>14 + 50.00</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

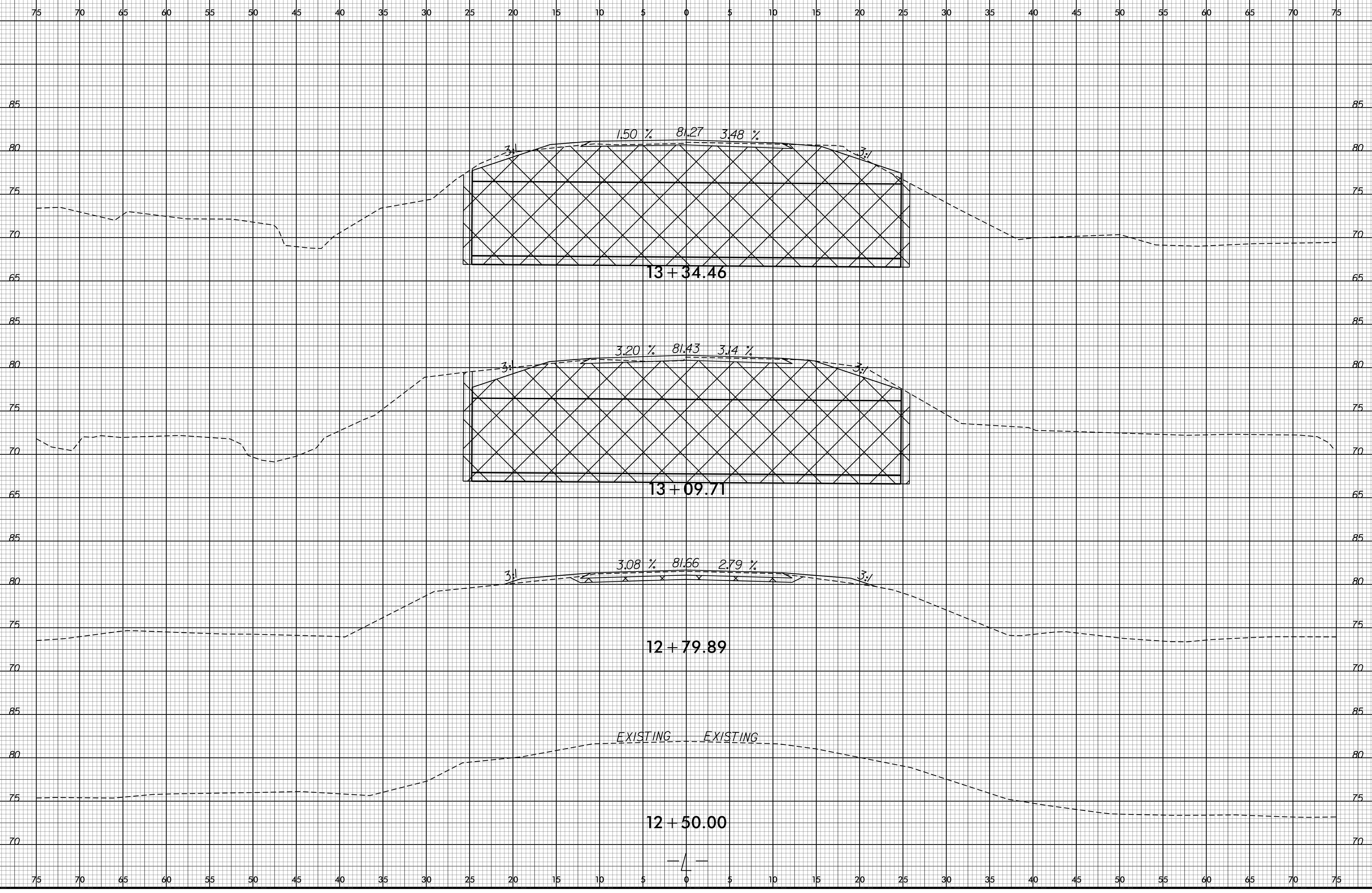
NOTE:
APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION,
UNCLASSIFIED STRUCTURE EXCAVATION, BORROW EXCAVATION,
FINE GRADING, CLEARING AND GRUBBING AND REMOVAL OF
EXISTING PAVEMENT. WILL BE PAID FOR AT THE CONTRACT LUMP
SUM PRICE FOR "GRADING".

REVISIONS

8/17/99

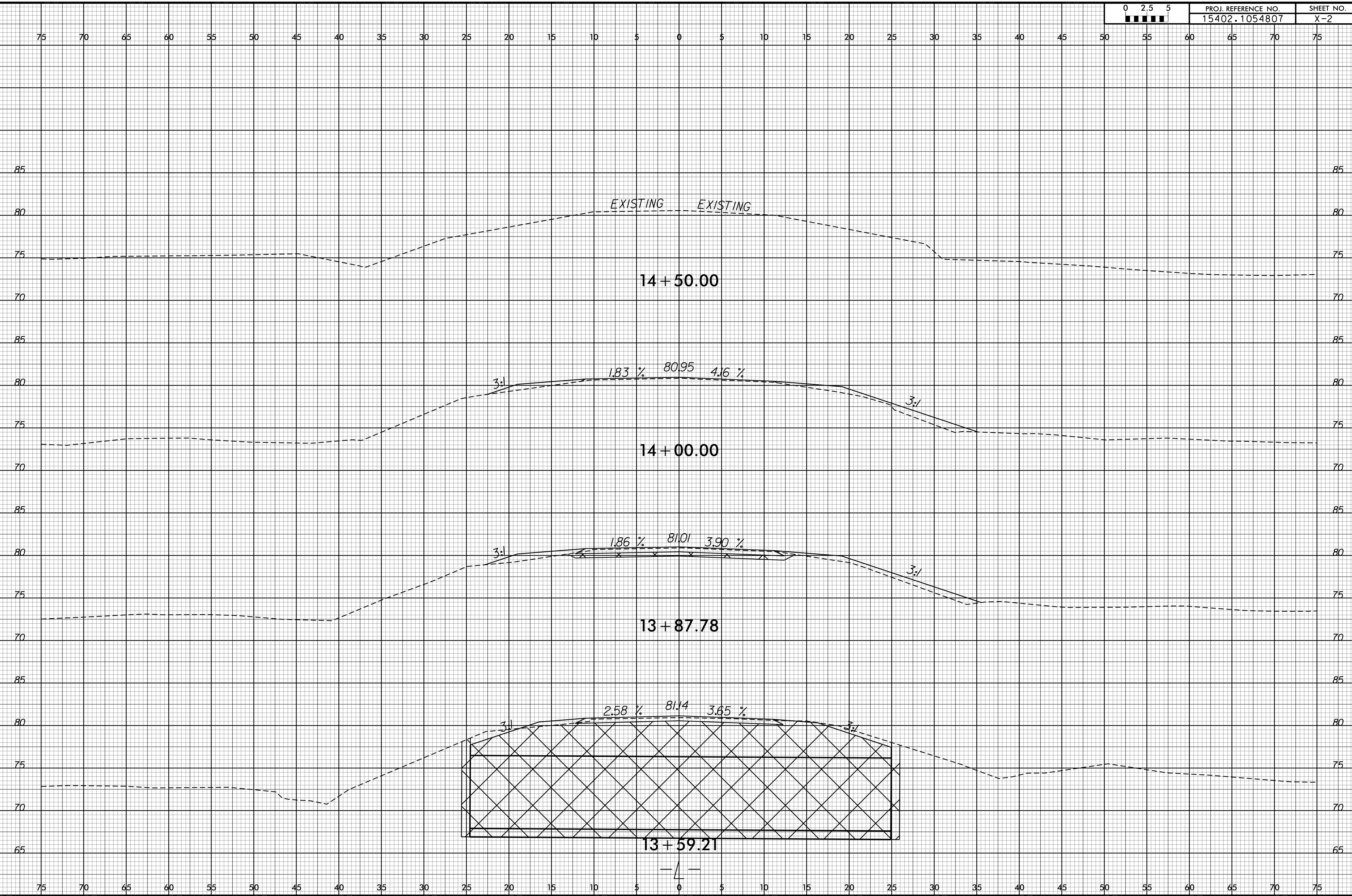
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