

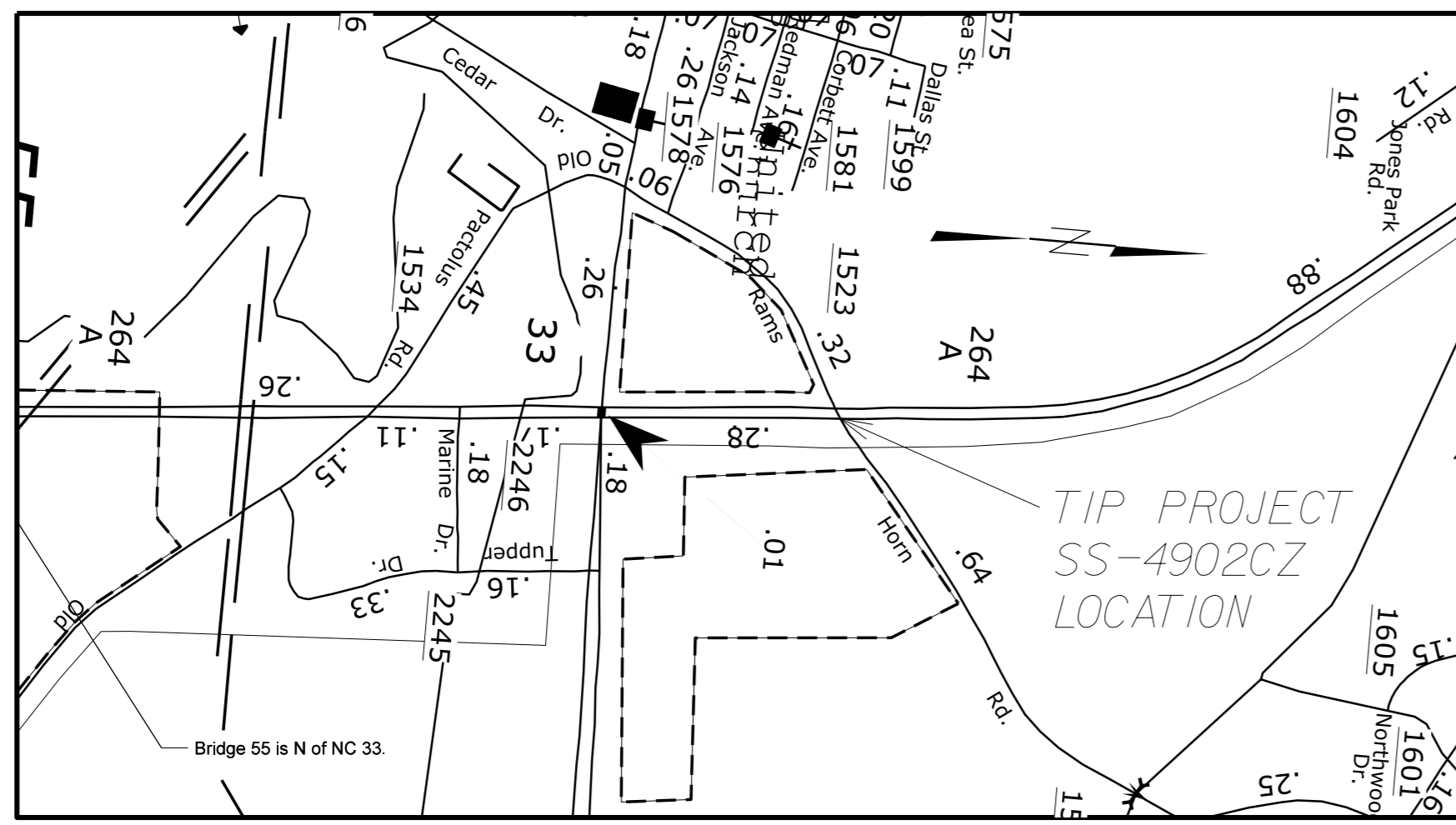
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	SS-4902CZ	1	13
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
48288.1.1	HSIP-0264(069)	PE	
48288.3.1		CONST	

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

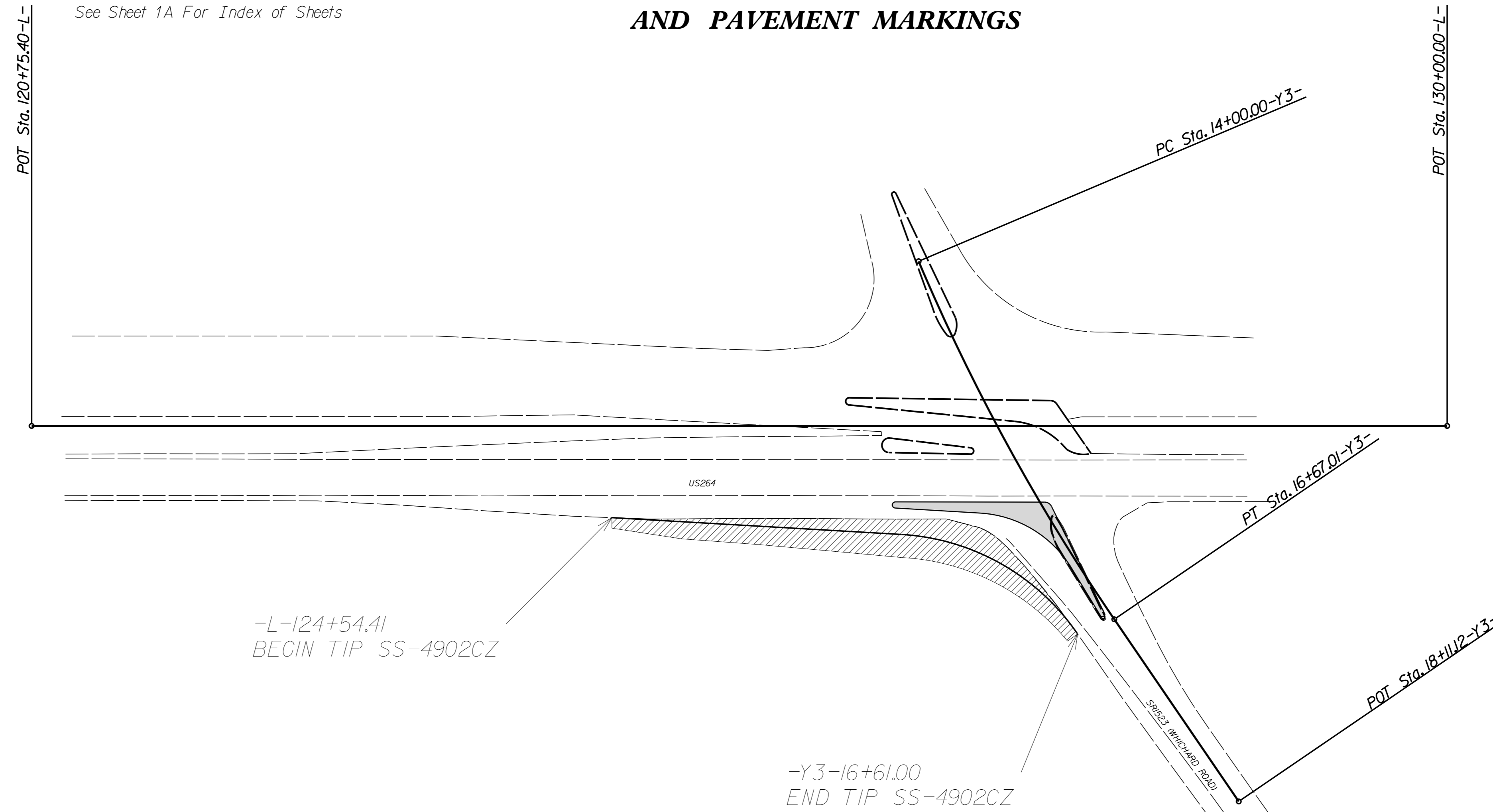
# PITT COUNTY

**LOCATION: US264 AT SR1523 (WHICHARD ROAD)**

**TYPE OF WORK: CONSTRUCT OFFSET RT TURN LANE  
CONSTRUCT CONCRETE MONOLITHIC ISLAND  
AND PAVEMENT MARKINGS**

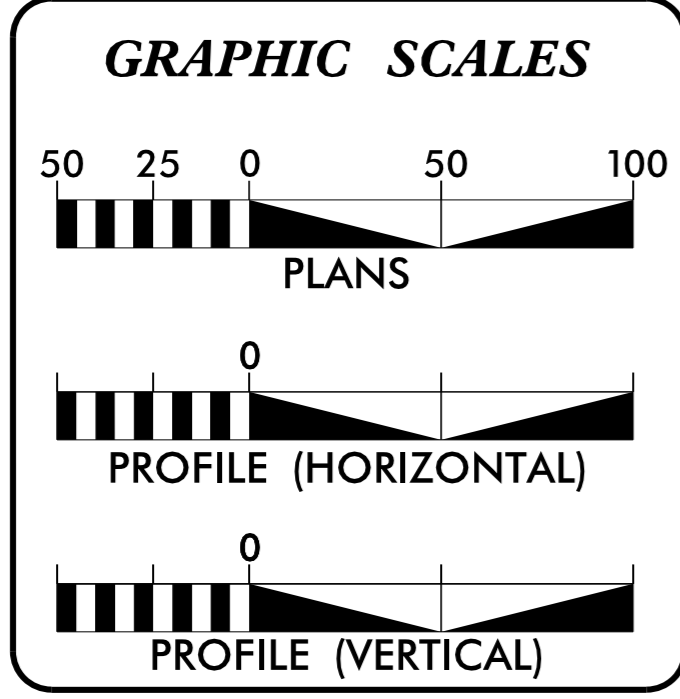


See Sheet 1A For Index of Sheets



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**CONTRACT: DB00469**      **TIP PROJECT: SS-4902CZ**



**PROJECT LENGTH**

**PROJECT LENGTH TIP SS-4902CZ = 0.061 MI**

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

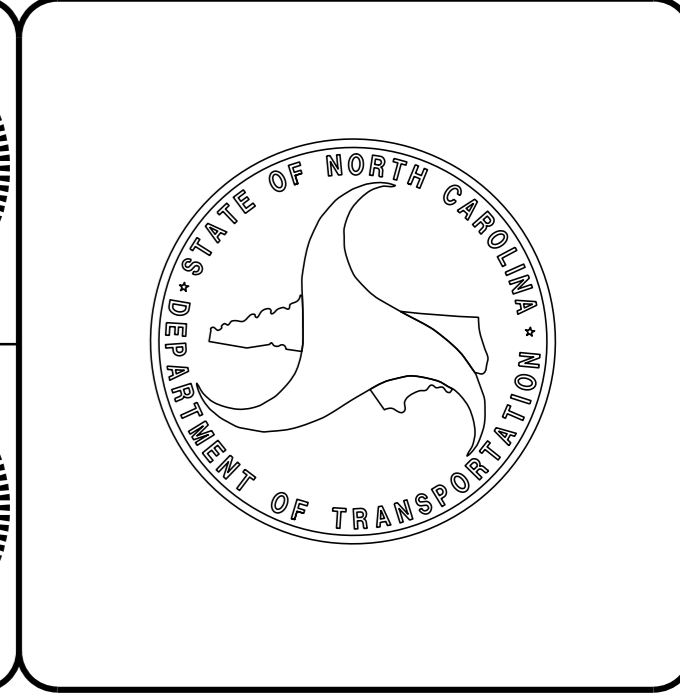
2018 STANDARD SPECIFICATIONS	
<b>RIGHT OF WAY DATE:</b> N/A	<b>JEFFREY D. CABANISS, PE</b> PROJECT ENGINEER
<b>LETTING DATE:</b> APRIL 2019	<b>RICH GODLEY</b> PROJECT DESIGN ENGINEER

**HYDRAULICS ENGINEER**

DocuSigned by:  
*Jeffrey D. Cabaniss*  
SIGNATURE: 2/19/2019 P.E.

**ROADWAY DESIGN ENGINEER**

DocuSigned by:  
*Jeffrey D. Cabaniss*  
SIGNATURE: 2/19/2019 P.E.



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8/17/99

REVISIONS

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 \$\$\$\$SYTIME\$\$\$\$

SHEET NUMBER	SHEET
	INDEX OF SHEETS
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
3	SUMMARY OF QUANTITIES
3A	SUMMARY OF EARTHWORK
4	PLANSHEET
5	CONCRETE ISLAND LAYOUT PLANSHEETS
PMP1	PAVEMENT MARKING PLAN
EC-1 THRU EC-2	EROSION CONTROL PLANS
X-1A	CROSS-SECTION SUMMARY SHEET
X-1	CROSS-SECTIONS

**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:**  
OWNERS:  
NCDOT TRAFFIC SERVICES  
CENTURYLINK  
CITY OF GREENVILLE  
GREENVILLE UTILITIES COMMISSION  
SUDDENLINK COMMUNICATIONS

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	
209.02	METHOD OF CLEARING - METHOD 11
225.02	GUIDE FOR GRADING SUBGRADE - SECONDARY AND LOCAL
DIVISION 8 - INCIDENTALS	
852.01	CONCRETE ISLANDS
DIVISION 11 - WORK ZONE TRAFFIC CONTROL	
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
DIVISION 12 - PAVEMENT MARKINGS, MARKERS AND DELINEATION	
1205.01	LINE TYPES OFFSETS
1205.02	DIVIDED AND UNDIVIDED ROADWAYS
1205.05	TURN LANES
1205.08	SYMBOLS AND WORD MESSAGES
1253.01	SNOWPLOWABLE RAISED PAVEMENT MARKERS
DIVISION 16 - EROSION CONTROL	
1605.01	TEMPORARY SILT FENCE

# STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

## BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EIP
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	-----E
New Temporary Construction Easement	-----E
New Temporary Drainage Easement	-----TDE
New Permanent Drainage Easement	-----PDE
New Permanent Drainage / Utility Easement	-----DUE
New Permanent Utility Easement	-----PUE
New Temporary Utility Easement	-----TUE
New Aerial Utility Easement	-----AUE

## ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----C
Proposed Slope Stakes Fill	-----F
Proposed Curb Ramp	-----
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	-----

## EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	-----
Bridge Wing Wall, Head Wall and End Wall	-----
MINOR:	
Head and End Wall	-----
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	-----
Paved Ditch Gutter	-----
Storm Sewer Manhole	-----
Storm Sewer	-----

## 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.*)	-----
U/G Power Line LOS C (S.U.E.*)	-----
U/G Power Line LOS D (S.U.E.*)	-----

## 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.*)	-----
U/G Telephone Cable LOS C (S.U.E.*)	-----
U/G Telephone Cable LOS D (S.U.E.*)	-----
U/G Telephone Conduit LOS B (S.U.E.*)	-----
U/G Telephone Conduit LOS C (S.U.E.*)	-----
U/G Telephone Conduit LOS D (S.U.E.*)	-----
U/G Fiber Optics Cable LOS B (S.U.E.*)	-----
U/G Fiber Optics Cable LOS C (S.U.E.*)	-----
U/G Fiber Optics Cable LOS D (S.U.E.*)	-----

## WATER:

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

## TV:

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

## GAS:

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

## SANITARY SEWER:

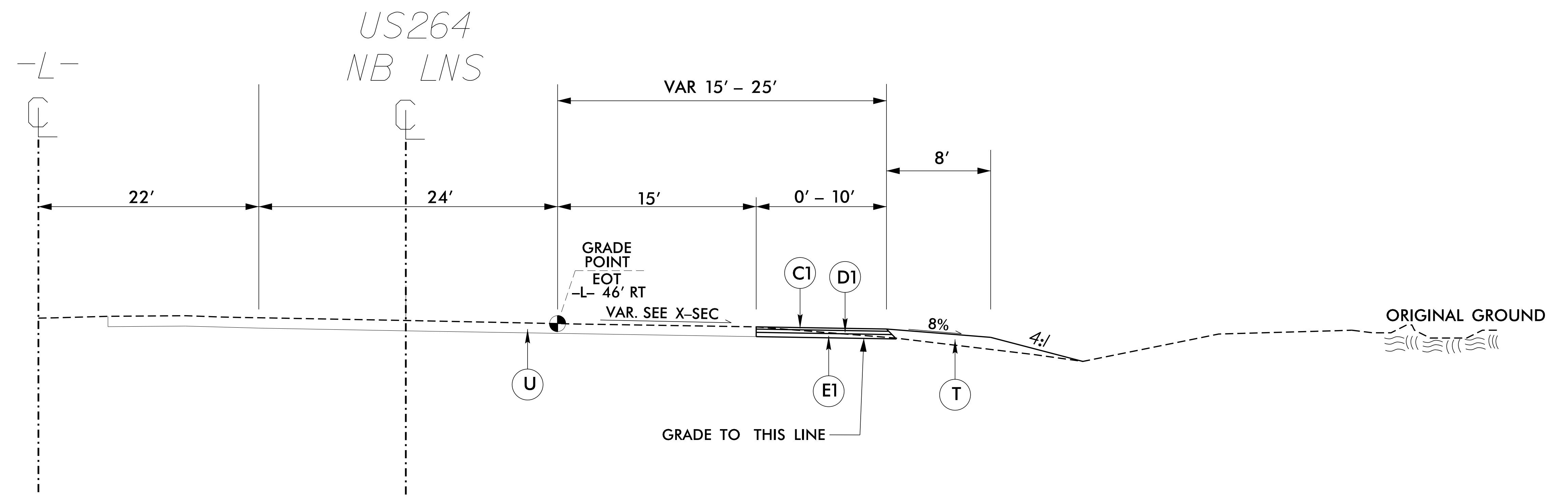
Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	-----
Above Ground Sanitary Sewer	-----
SS Forced Main Line LOS B (S.U.E.*)	-----
SS Forced Main Line LOS C (S.U.E.*)	-----
SS Forced Main Line LOS D (S.U.E.*)	-----

## 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/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.

<b>C1</b>	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 220 LBS. PER SQ.YD.
<b>D1</b>	PROP. APPROX. 3.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
<b>E1</b>	PROP. APPROX. 4.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
<b>T</b>	EARTH MATERIAL.
<b>U</b>	EXISTING PAVEMENT.

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



USE TYPICAL SECTION #1

-L- 124+54.41 - 126+43.58

\*\*\*DRAWING NOT TO SCALE\*\*\*

REVISIONS

8/17/99

I9-FEB-2019 10:41 TT\SS-4902CZ-US264-SR1523\Whiteford Rd\SS4902CZ\_PSH\_2.dgn

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
610	60	TON	ASPHALT CONCRETE BASE COURSE,TYPE B25.0C
610	40	TON	ASPHALT CONCRETE INTERMEDIATE COURSE,TYPE 119.0C
610	30	TON	ASPHALT CONCRETE SURFACE COURSE,TYPE S9.5C
620	10	TON	ASPHALT BINDER FOR PLANT MIX
852	20	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
SP	72	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
SP	1	LS	TEMPORARY TRAFFIC CONTROL
SP	1,055	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6",90MILS)
SP	40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12",90MILS)
SP	45	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24",90MILS)
SP	3	LF	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90MILS)
1205	1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1205	30	LF	REMOVAL OF PAVEMNT MARKING LINES (24")
1253	16	EA	SNOWPLOWABLE PAVEMENT MARKERS
SP	10	EA	REMOVAL OF EXISITING SNOWPLOWABLE PAVEMENT MARKERS
SP	15	LF	COIR FIBER WATTLE
1660	.50	ACRE	SEEDING AND MULCHING
SP	2	EA	RESPONSE FOR EROSION CONTROL
SP	1	EA	CONCRETE WASHOUT STRUCTURE

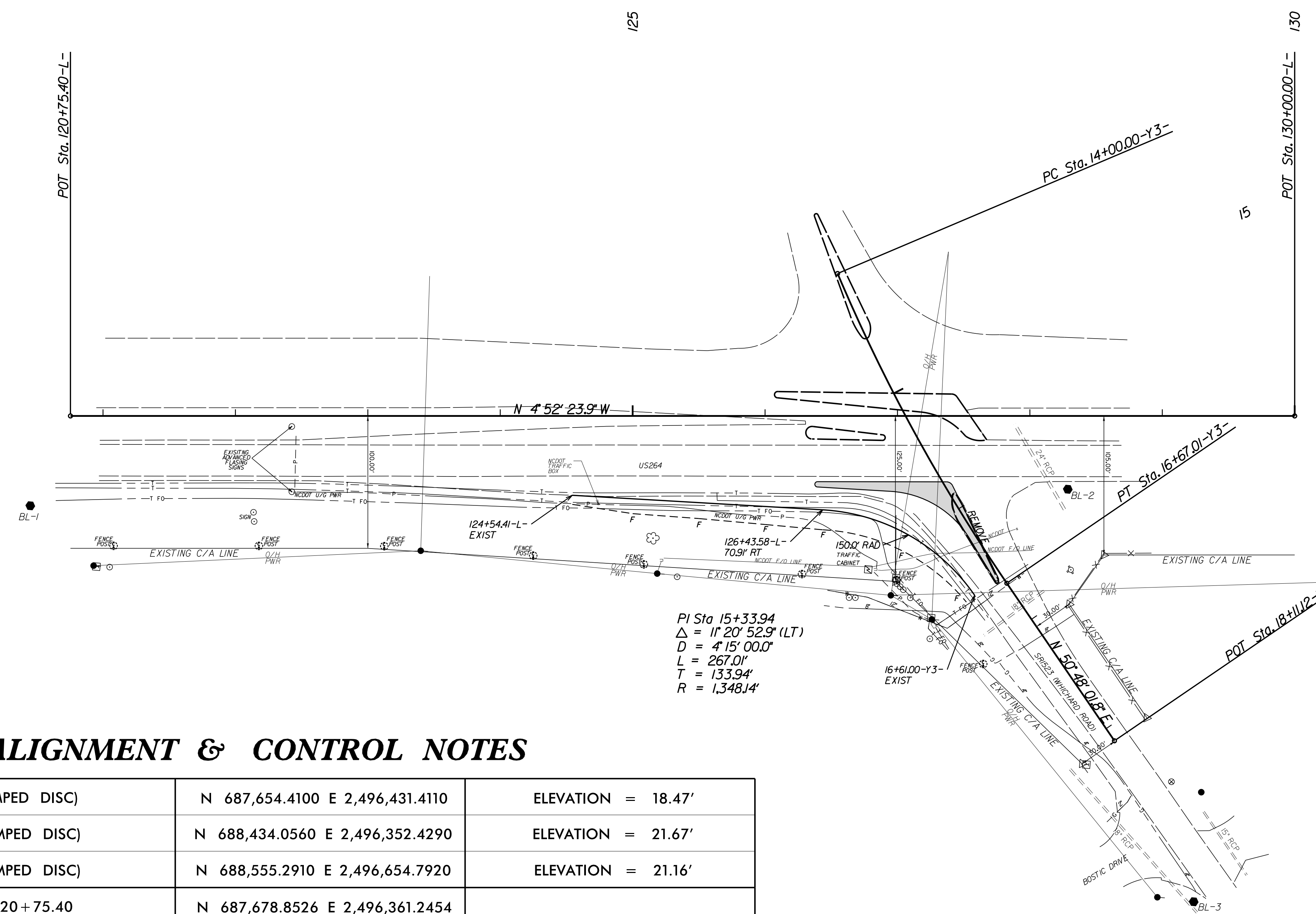
**SUMMARY OF EARTHWORK  
 IN CUBIC YARDS**

LOCATION	UNCLASSIFIED EXCAVATION	BOX CULVERT EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
-L- 124 + 54.41 - 126 + 43.58	21	0	0	28	7	0
-Y3- RADIUS	21	0	0	28	7	0
SUB TOTAL	42	0	0	56	14	0
SAY	50	0	0	60	10	0

NOTE:  
 APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED 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."

4/10/04/06  
 P:\PITT\SS-19-FEB-2018\241591523\Wh,ehard Rel\SS-4902CZ.PSH 3A.dgn

C/A LINES SHOWN PER STATE PROJECT 8.2256701 AS PREPARED IN THE OFFICE OF STATE HIGHWAY COMMISSION JUNE, 1971



PI Sta 15+33.94  
 $\Delta = 11^{\circ} 20' 52.9\" (LT)$   
 $D = 4^{\circ} 15' 00.0\"$   
 $L = 267.01'$   
 $T = 133.94'$   
 $R = 1,348.14'$

### ALIGNMENT & CONTROL NOTES

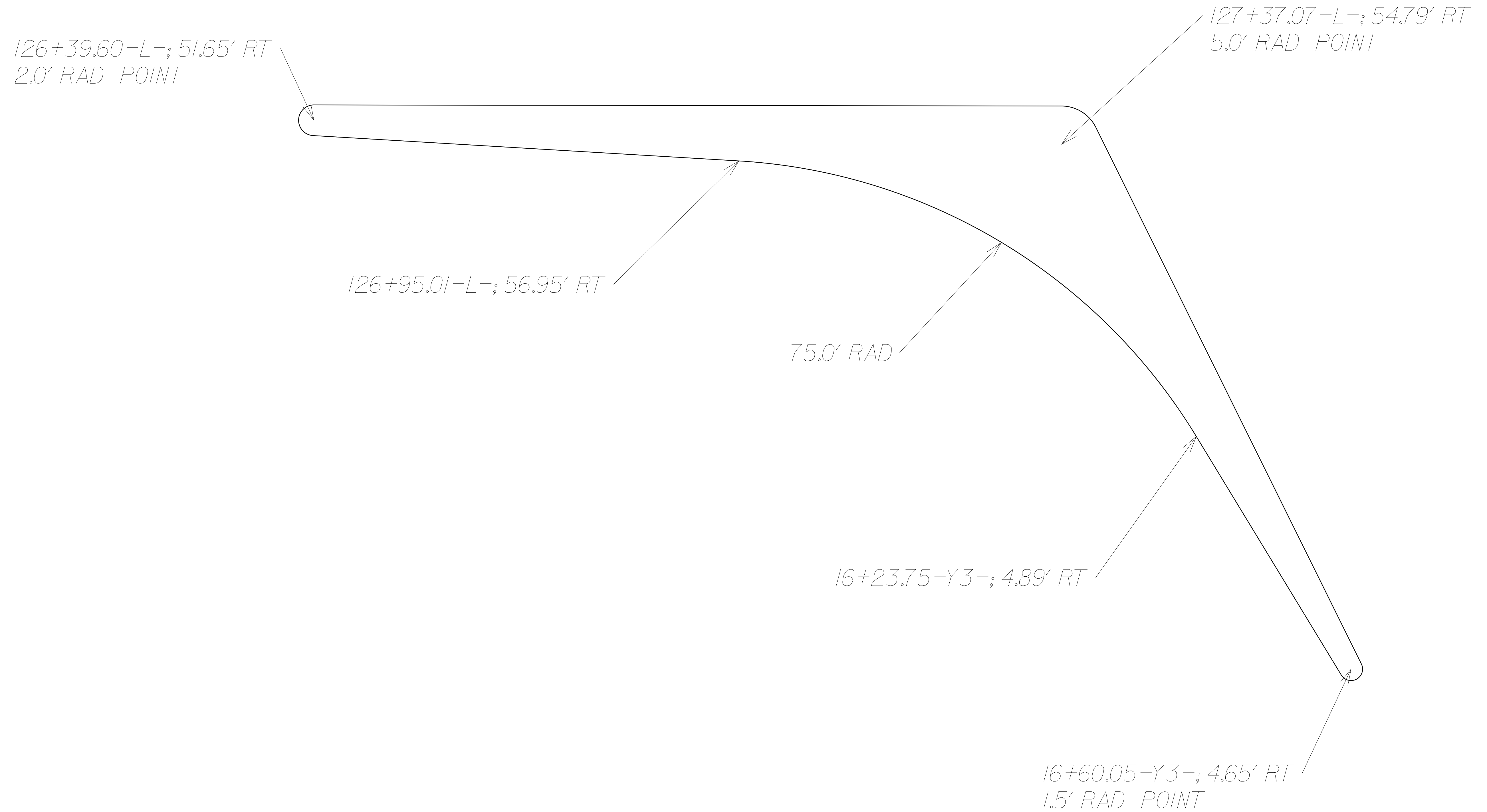
BL-1 (STAMPED DISC)	N 687,654.4100 E 2,496,431.4110	ELEVATION = 18.47'
BL-2 (STAMPED DISC)	N 688,434.0560 E 2,496,352.4290	ELEVATION = 21.67'
BL-3 (STAMPED DISC)	N 688,555.2910 E 2,496,654.7920	ELEVATION = 21.16'
-L- POT 120+75.40	N 687,678.8526 E 2,496,361.2454	
-L- POT 130+00.00	N 688,600.1102 E 2,496,282.6981	
-Y3- PC 14+00.00	N 688,246.9916 E 2,496,204.8405	
-Y3- PT 16+67.01	N 688,394.2240 E 2,496,427.0696	
-Y3- POT 18+11.12	N 688,485.3030 E 2,496,538.7455	

REVISIONS

8/17/99

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# CONCRETE ISLAND LAYOUT

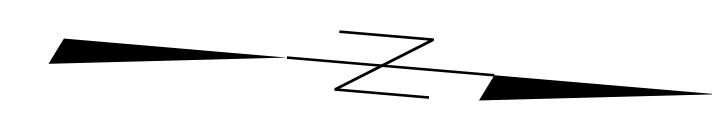


REVISIONS

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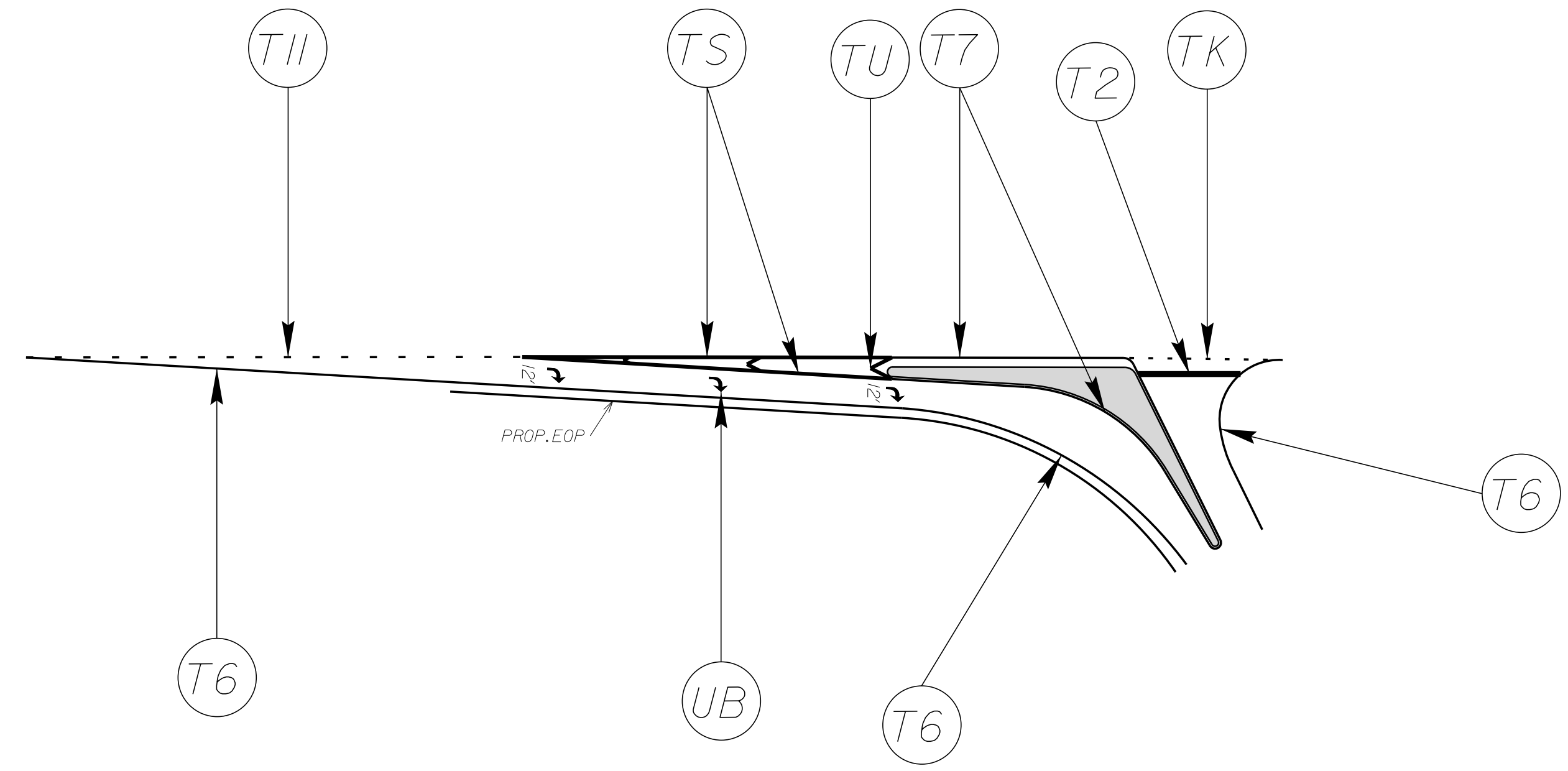
\*\*\*DRAWING NOT TO SCALE\*\*\*





*PAVEMENT MARKING SCHEDULE*  
*PAVEMENT MARKING LINES AND SYMBOLS*

- TK - THERMOPLASTIC PAVEMENT MARKING ( 6" WHITE, 90MILS ) 3'-9"/SP MINI SKIP LINE
- TS - THERMOPLASTIC PAVEMENT MARKING ( 12" WHITE, 90MILS ) SOLID GORE LINE
- TU - THERMOPLASTIC PAVEMENT MARKING ( 12" WHITE, 90MILS ) DIAGONAL LINE
- T2 - THERMOPLASTIC PAVEMENT MARKING ( 24" WHITE, 90MILS ) STOP BAR
- T6 - THERMOPLASTIC PAVEMENT MARKING ( 6" WHITE, 90MILS ) SOLID EDGE LINE
- T7 - THERMOPLASTIC PAVEMENT MARKING ( 6" YELLOW, 90MILS ) SOLID EDGE LINE
- TII - THERMOPLASTIC PAVEMENT MARKING ( 6" WHITE, 90MILS ) 2'-6"/SP MINI SKIP LINE
- UB - THERMOPLASTIC PAVEMENT MARKING SYMBOL ( WHITE, 90MILS ) RIGHT ARROW



*NOTE*

PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, NCDOT ROADWAY STANDARD DRAWINGS, AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). QUANTITIES FOR THESE ITEMS HAVE BEEN ACCOUNTED FOR IN THE CONTRACT BID FORM.

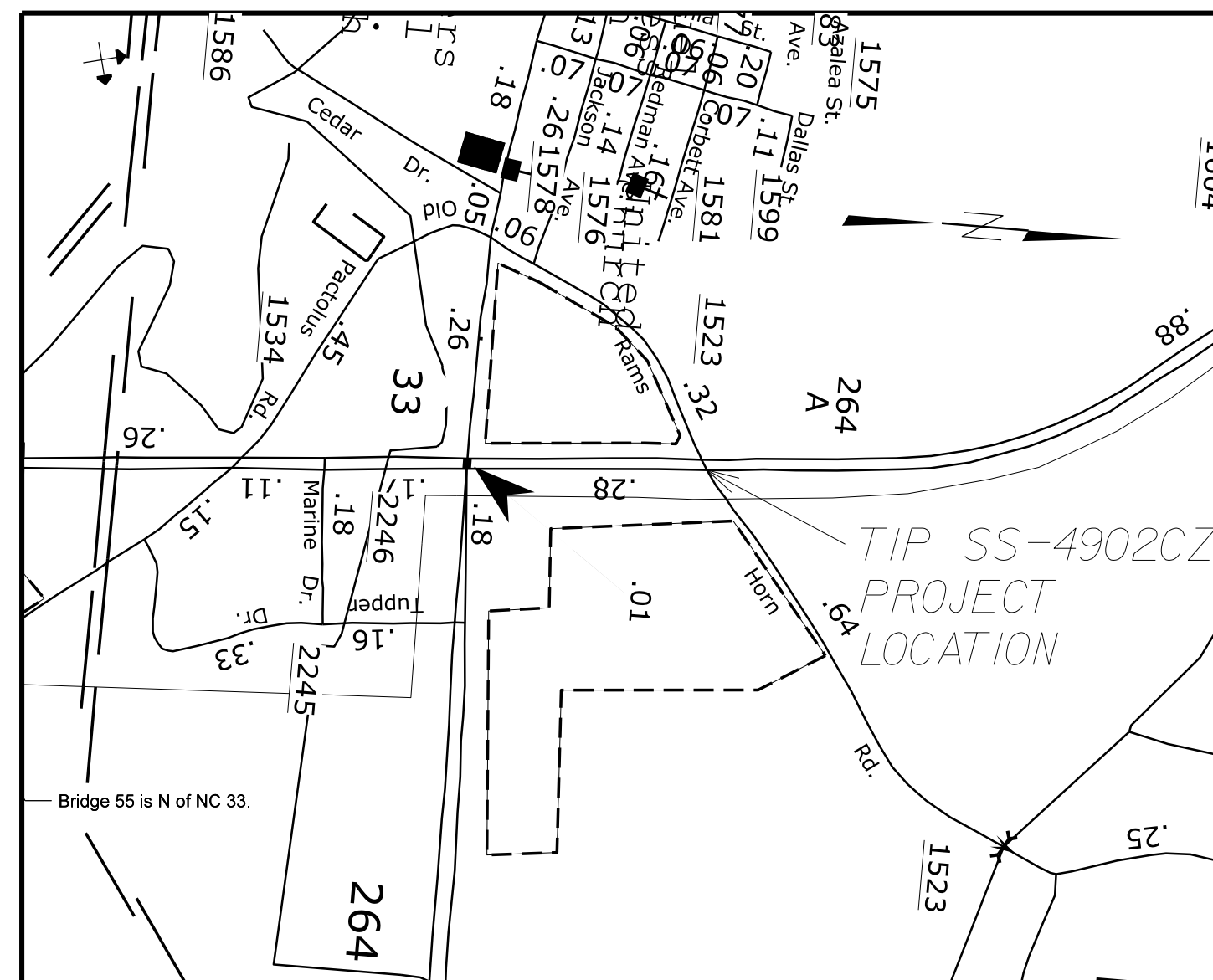
\*\*\*FINAL SIGNAGE WILL BE PREFORMED BY NCDOT TRAFFIC SERVICES\*\*\*  
CONTACT JEFFREY DUNNING AT 252-439-2950 FOR COORDINATION  
PROVIDE A MINIMUM 2 WEEK NOTICE

REVISIONS

8/17/99

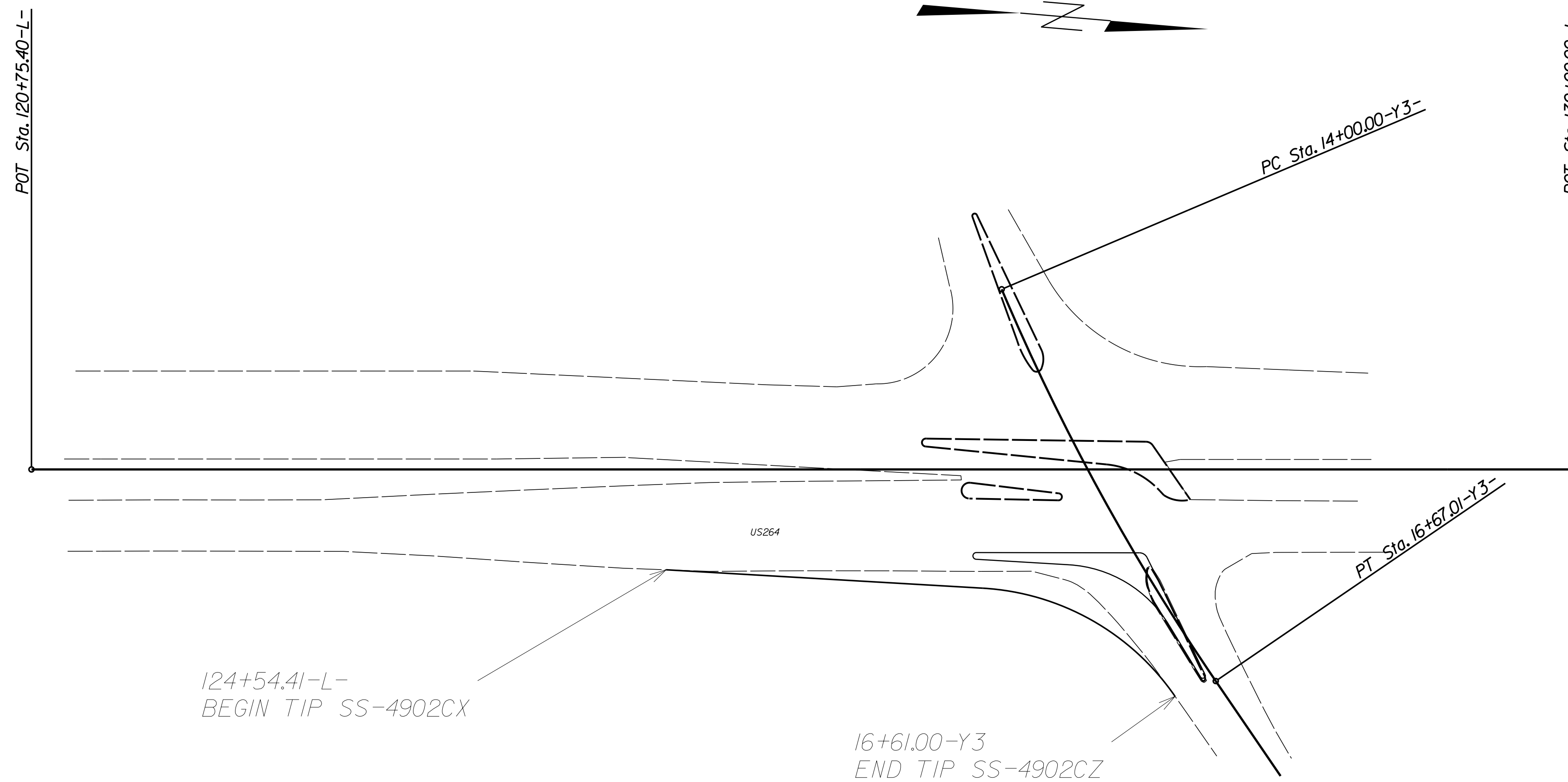
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**PROJECT: SS-4902CZ**



STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
 PLAN FOR PROPOSED  
 HIGHWAY EROSION CONTROL

**LOCATION: US 264 AT SR 1523 (WHICHARD ROAD)**



**EROSION AND SEDIMENT CONTROL MEASURES**

Sta. #	Description	Symbol
1630.05	Temporary Silt Ditch	
1630.05	Temporary Diversion	
1605.01	Temporary Silt Fence	
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	
1633.01	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	
1635.02	Rock Pipe Inlet Sediment Trap Type-B	
1630.04	Stilling Basin	
1630.06	Special Stilling Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	
1632.02	Type B	
1632.03	Type C	
	Skimmer Basin	
	Tiered Skimmer Basin	
	Infiltration Basin	

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

**THIS PROJECT HAS BEEN DESIGNED TO SENSITIVE WATERSHED STANDARDS.**

**GRAPHIC SCALE**



PLANS

ROADSIDE ENVIRONMENTAL UNIT  
 DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA

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 27835

Rich Godley  
 Level III  
 Certification #3559

Roadway Standard Drawings

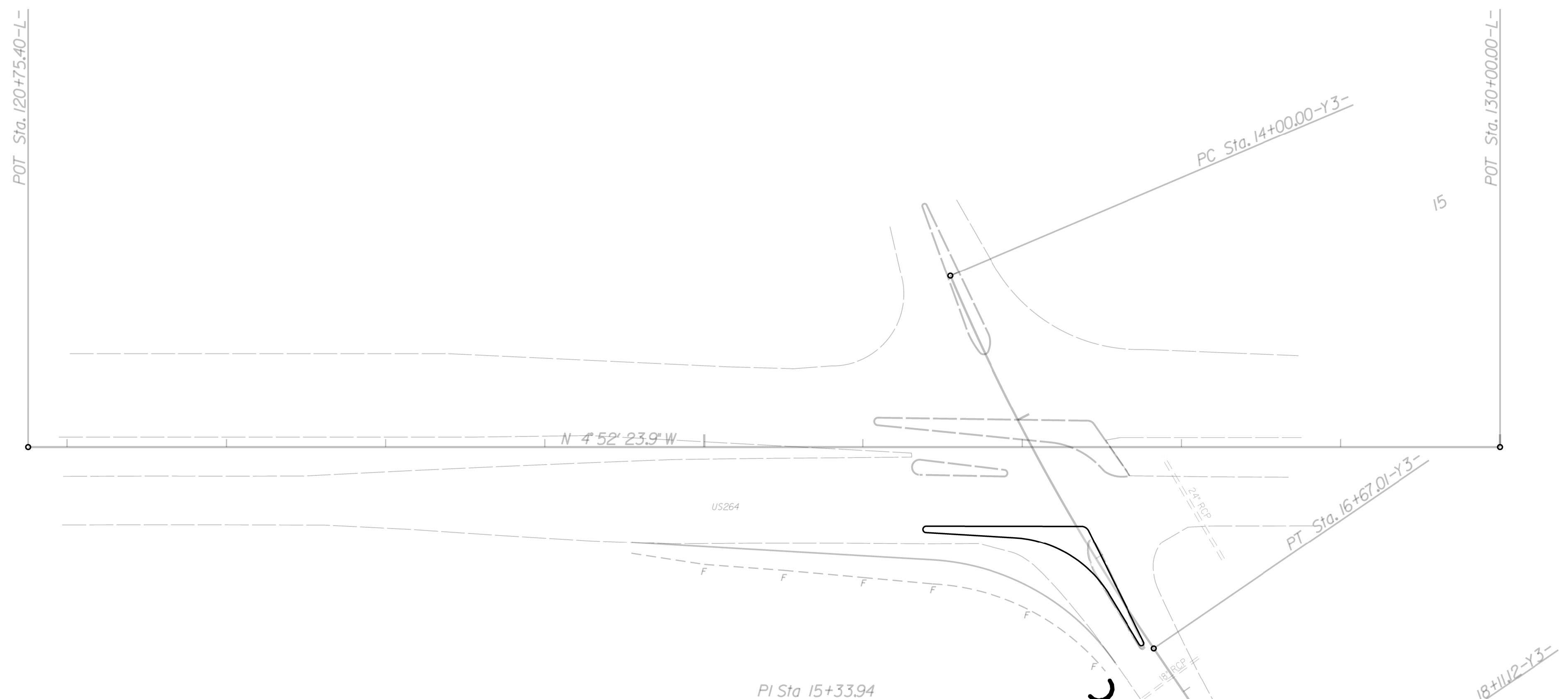
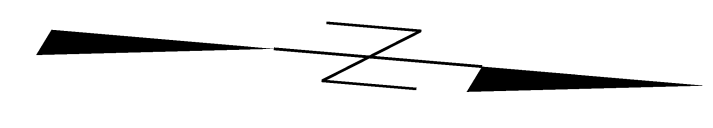
The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2018 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

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	

### SOIL STABILIZATION TIMEFRAMES

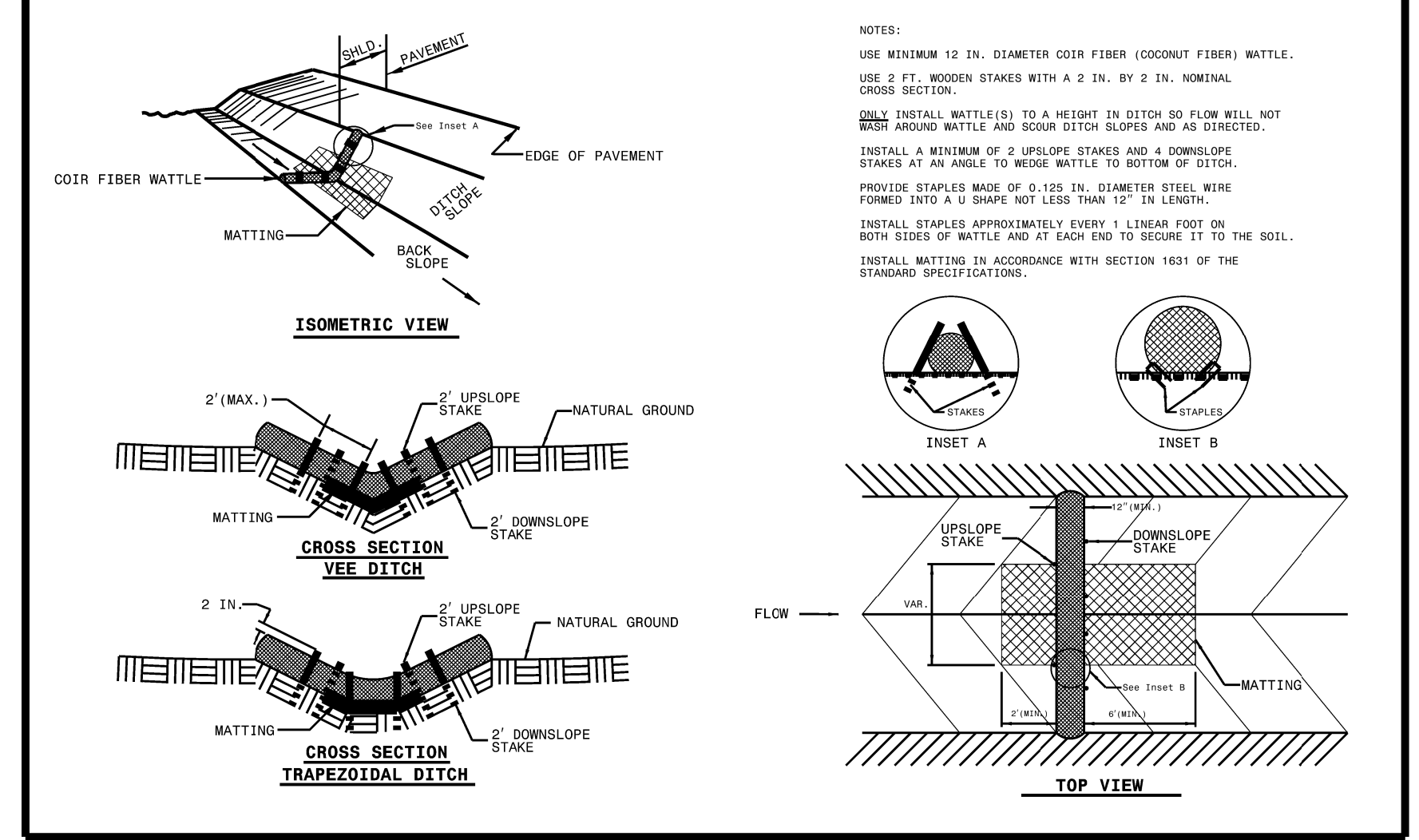
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS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

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.



PI Sta 15+33.94  
 $\Delta = 11^\circ 20' 52.9\" (LT)$   
 $D = 4' 15\" 00.0\"$   
 $L = 267.01'$   
 $T = 133.94'$   
 $R = 1,348.14'$

### COIR FIBER WATTLE DETAIL



Std. #	Description	Symbol
	Coir Fiber Wattle	⌋

REVISIONS

8/17/99

19-1-FB-2005-10-14  
 11:55:49  
 SS-4902CZ-US264-SR1523W\nh\nchord Rd\nSS-4902CZ\_PSH\_EC2.dgn

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

## **CROSS-SECTION SUMMARY**

*IN CUBIC YARDS*

LOCATION (-L-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
<b><i>124 + 54.41</i></b>	<b><i>0</i></b>		<b><i>0</i></b>
<b><i>125 + 00.00</i></b>	<b><i>0</i></b>		<b><i>0</i></b>
<b><i>125 + 50.00</i></b>	<b><i>5</i></b>		<b><i>6</i></b>
<b><i>126 + 00.00</i></b>	<b><i>8</i></b>		<b><i>9</i></b>
<b><i>126 + 43.58</i></b>	<b><i>8</i></b>		<b><i>13</i></b>

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

NOTE:

APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED 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."

