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STATE	STATE STATE PROJECT REFERENCE NO.			SHEET NO.	TOTAL SHEETS
N.C.	N.C. 38908.3.2		1		
STAT	E PROJ.NO.	P. A. PROJ. NO.		DESCRIPT	10N
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HYDRAULICS ENGINEER 	DEP MORTA CEROLINA - NO
P.E. SIGNATURE:	Qe TRANST

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

# INDEX OF SHEETS

# **GENERAL NOTES**

1	TITLE SHEET
2	INDEX OF SHEETS, GENERAL
	NOTES AND LIST OF STANDARDS
3	CONVENTIONAL SYMBOLS
4	PLAN SHEET
EC1-EC7	EROSION CONTROL PLANS

GENERAL NOTES:

2012 SPECIFICATIONS EFFECTIVE: 01-17-2012

- CARE SHALL BE TAKEN TO PREVENT DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION, ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. 1
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY. 2

STD.NO. TITLE DIVISION 3 - PIPE CULVERTS 300.01 Method of Pipe Installation DIVISION II - WORK ZONE TRAFFIC CONTROL IIOI.OI Detail Drawing for Two Way Undivided Work Zone Warning Signs IIOI.O2 Temporary Lane Closures DIVISION 16 - EROSION CONTROL AND ROADSIDE DEVELOPEMENT 1605.01 1606.01 1607.01 1631.01 1640.01 Temporary Silt Fence Special Sediment Control Fence Gravel Construction Entrance Matting Installation Coir Fiber Baffle

PROJECT RECERCINGS NO	
PROJECT REFERENCE NO.	SHEET NO.
38908.3.2	2

# LIST OF ROADWAY **STANDARDS**

2012 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 17, 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

# Note: Not to Scale

\*S.U.E. = Subsurface Utility Engineering

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

# CONVENTIONAL PLAN SHEET SYMBOLS

### BOUNDARIES AND PROPERTY:

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 ??? ???
 © ? ? ] ]
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Disappearing Stream \_\_\_\_\_

Proposed Lateral, Tail, Head Ditch ———

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 $\diamondsuit$ 

Spring -

Wetland —

False Sump -

Standard Gauge	
RR Signal Milepost	
Switch	
RR Abandoned	
RR Dismantled	
RIGHT OF WAY:	
Baseline Control Point	$\diamond$
Existing Right of Way Marker	$\overset{\sim}{\bigtriangleup}$
Existing Right of Way Line	
Proposed Right of Way Line	
Proposed Right of Way Line with Iron Pin and Cap Marker	
Proposed Right of Way Line with Concrete or Granite R/W Marker	
Proposed Control of Access Line with Concrete C/A Marker	<del>- (3</del>
Existing Control of Access	
Proposed Control of Access	<del></del>
Existing Easement Line	— — E — –
Proposed Temporary Construction Easement -	E
Proposed Temporary Drainage Easement ——	TDE
Proposed Permanent Drainage Easement ——	PDE
Proposed Permanent Drainage / Utility Easement	DUE
Proposed Permanent Utility Easement ———	PUE
Proposed Temporary Utility Easement ———	TUE
Proposed Aerial Utility Easement	AUE
Proposed Permanent Easement with Iron Pin and Cap Marker	$\bigotimes$
ROADS AND RELATED FEATURE	'S:
Existing Edge of Pavement	
Existing Curb	
Proposed Slope Stakes Cut	<u>c</u>
Proposed Slope Stakes Fill	<u>F</u>
Proposed Curb Ramp	CR
Existing Metal Guardrail ————	<u> </u>
Proposed Guardrail	
Existing Cable Guiderail	
Proposed Cable Guiderail	
Equality Symbol	$\oplus$
Pavement Removal	
VEGETATION:	
Single Tree	යි
Single Shrub ————	¢
Hedge	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Woods Line	

Orchard	÷	$\odot$	÷	ධ
Vineyard		Viney	vard	

### 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	СВ
Paved Ditch Gutter	
Storm Sewer Manhole	S
Storm Sewer	s

### **UTILITIES:**

OWER:	
Existing Power Pole	•
Proposed Power Pole	6
Existing Joint Use Pole	
Proposed Joint Use Pole	-ዮ-
Power Manhole	ø
Power Line Tower	$\boxtimes$
Power Transformer	$\square$
U/G Power Cable Hand Hole	
H-Frame Pole	••
Recorded U/G Power Line	Р
Designated U/G Power Line (S.U.E.*)	— — — P— —

### TELEPHONE:

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	38908.3.2	
WATER:		
Water Manhole ————————————————————————————————————	W	
Water Meter	0	
Water Valve	&	
Water Hydrant	©	
Recorded U/G Water Line		
Designated U/G Water Line (S.U.E.*)	w	
Above Ground Water Line	A/G Wate	ir -
TV:		
TV Satellite Dish ————————————————————————————————————	—— <i>K</i>	
TV Pedestal	C	
TV Tower	── ⊗	
U/G TV Cable Hand Hole	——— Нн	
Recorded U/G TV Cable	Tv	
Designated U/G TV Cable (S.U.E.*)		
Recorded U/G Fiber Optic Cable	TV F0-	
Designated U/G Fiber Optic Cable (S.U	.E.*)—tv fo-	
CV2.		
	^	
	Å	
	\	
Recorded U/G Gds Line		
Above Crewed Crew Line (S.O.E.)	A/G Gas	
Above Ground Gas Line		
SANITARY SEWER:		
Sanitary Sewer Manhole	•••	
Sanitary Sewer Cleanout		
U/G Sanitary Sewer Line		
Above Ground Sanitary Sewer	A/G Sanitary	Sew
Recorded SS Forced Main Line	FSS	
Designated SS Forced Main Line (S.U.E	*) — — — —FSS —	_
MISCELLANEOUS:		
Utility Pole	•	
Utility Pole with Base	·	
Utility Located Object		
Utility Traffic Signal Box	S	
Utility Unknown U/G Line		
U/G Tank; Water, Gas, Oil		
Underground Storage Tank, Approx. Loc	. — ( <b>ü</b> sī)	
A/G Tank: Water, Gas, Oil		
Geoenvironmental Boring		
U/G Test Hole (SUE*)	<b>—</b>	
Abandoned According to Utility Records	ي د ــــــــــــــــــــــــــــــــــــ	D
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- 1	STATE STA	TE PROJECT REPERENCE NO.	SHEET TOTAL NO. SHEETS
	N.C.	38908.3.2	EC-1
	STATE PROJ. NO.	P. A. PROJ. NO.	DESCRIPTION
		-	
EDVEI	ON AND GET	MENT CONTD	MEACHDEC
	UN AIND SEL	MMENI CONTRO	UL MEASURES
<u>3ta.</u> 1630.03	Temporary Silt ]	Ditch	JYMD01
1630.05	Temporary Dive	rsion	—— то ——
1605.01	Temporary Silt	Fence	<del></del>
1606.01	Special Sediment	Control Fence Z	
1622.01	Temporary Bern Silf Basin Type	is and Slope Drains R	<b>I</b>
1633.01	Temporary Rock	Silt Check Type-A_	
	Temporary Rock Matting and Po	Silt Check Type-A lvacrylamide (PAM)	with
1633.02	Temporary Rock Wattle / Coir F	s Silt Check Type-B iber Wattle	► ► = = = = = = = = = = = = = = = =
	Wattle / Coir F with Polyacrylar	iber Wattle mide (PAM)	·····
1634.01	Temporary Rock	Sediment Dam Type-	A
1634.02	Temporary Rock	Sediment Dam Type-	
1635.01	Rock Pipe Inlet	Sediment Trap Type-A	
1630.04	Stilling Basin	. Jediment I rap I ype-I	
1630.06	Special Stilling	Basin	
	Rock Inlet Sedi	ment Trap:	
16 <b>32.0</b> 1	Type A <sub></sub>		A 🗖
1 <b>632.02</b>	Туре В		в
1632.03	Type C		C 🗖
	Skimmer Basin_		
	Tiered Skimmer	Basin	
	Infiltration Basi	n	
	Γ	THIS PROJECT	CONTAINS
		EROSION CONI	ROL PLANS
		FOR CLEARI	NG AND HASE OF
		CONSTRU	CTION.
	L		

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2012 and the latest revison thereto are applicable to this project and by reference hereby are considered a part of

ulroad Erosion Control Detail	1632.01	Rock Inlet Sediment Trap Type A
emporary Silt Fence	1632.02	Rock Inlet Sediment Trap Type B
pecial Sediment Control Fence	1632.03	Rock Inlet Sediment Trap Type C
ravel Construction Entrance	1633.01	Temporary Rock Silt Check Type A
emporary Berms and Slope Drains	1633.02	Temporary Rock Silt Check Type B
iser Basin	1634.01	Temporary Rock Sediment Dam Type A
lt Basin Type B	1634.02	Temporary Rock Sediment Dam Type B
emporary Silt Ditch	1635.01	Rock Pipe Inlet Sediment Trap Type A
illing Basin	1635.02	Rock Pipe Inlet Sediment Trap Type B
emporary Diversion	1640.01	Coir Fiber Baffle
pecial Stilling Basin	1645.01	Temporary Stream Crossing
atting Installation		

ST —	DIVISION OF HIGHWAYS TATE OF NORTH CAROLIN	PROJECT REFERENCE NO. SH 38908.3.2 H -
SOIL STA	BILIZATION TIA	- MEFRAMES
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
SITE DESCRIPTION PERIMETER DIKES, SWALES, DITCHES AND SLOPES	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
SITE DESCRIPTION PERIMETER DIKES, SWALES, DITCHES AND SLOPES HIGH QUALITY WATER (HOW) ZONES	STABILIZATION TIME 7 DAYS 7 DAYS	TIMEFRAME EXCEPTIONS   NONE NONE
SITE DESCRIPTION PERIMETER DIKES, SWALES, DITCHES AND SLOPES HIGH QUALITY WATER (HOW) ZONES SLOPES STEEPER THAN 3:I	STABILIZATION TIME 7 DAYS 7 DAYS 7 DAYS	TIMEFRAME EXCEPTIONS   NONE NONE   IF SLOPES ARE IO' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1-14 DAYS ARE ALLOWED.
SITE DESCRIPTION PERIMETER DIKES, SWALES, DITCHES AND SLOPES HIGH QUALITY WATER (HOW) ZONES SLOPES STEEPER THAN 3:I SLOPES 3:I OR FLATTER	STABILIZATION TIME 7 DAYS 7 DAYS 7 DAYS 14 DAYS	TIMEFRAME EXCEPTIONS   NONE NONE   IF SLOPES ARE IO' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:I, I4 DAYS ARE ALLOWED.   7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.









ENGL] ISH SEDIMENT STANDARD CONTROL DRAWING FOR FENCE

SHEET 1 OF 1

1606.01

**GENERAL NOTES:** 

USE NO. 5 OR NO. 57 STONE FOR SEDIMENT CONTROL STONE.

USE HARDWARE CLOTH 24 GAUGE WIRE MESH INCH MESH OPENINGS WITH 1/4

INSTALL 5 FT. SELF FASTENER ANGLE STEEL POST 2 FT. DEEP MINIMUM.

SPACE POST A MAXIMUM OF 3 FT.







