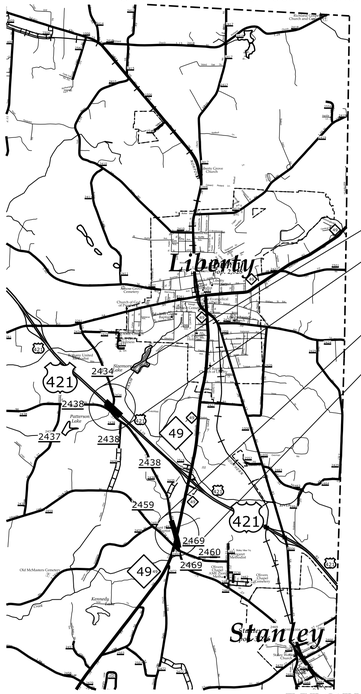
05/08/99

WBS ELEMENT 44273.3.1 PROJECT: SS-4908AN (US 421 & NC 49)

See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols



VICINITY MAP

PROJECT LOCATION

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

RANDOLPH COUNTY

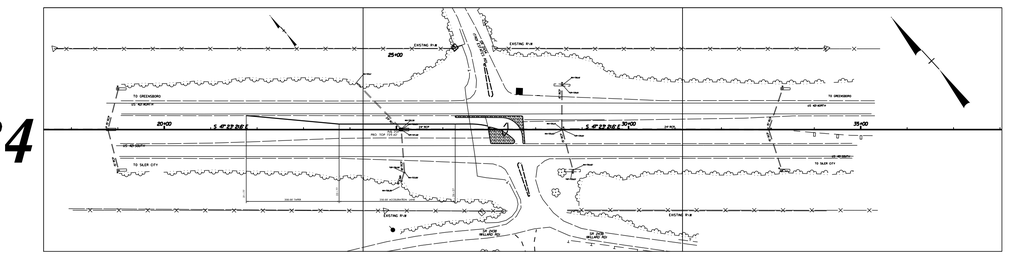
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	SS-4908AN	EC-1	

WBS ELEMENT	F.A. PROJ. NO.	DESCRIPTION
44273.1.FS1		PE
44273.3.1		CONST.

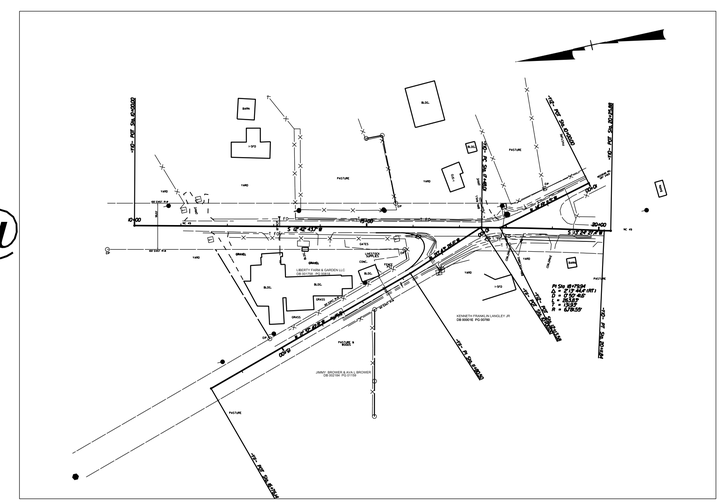
LOCATION: *US 421 at the inersection of SR 2434, and SR 2438 at the intersection of NC 49, south of Liberty.*

TYPE OF WORK: *GRADING, DRAINAGE, PAVING, PAVEMENT MARKINGS & MARKERS, AND EROSION CONTROL*

US 421 @ SR 2434



SR 2438 @ NC 49



EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.02	Silt Basin Type B	
1630.03	Temporary Silt Ditch	TSD
1630.05	Temporary Diversion	TD
1630.06	Special Stilling Basin	
1632.03	Rock Inlet Sediment Trap Type C	
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	
	Wattle with Polyacrylamide (PAM)	
1634.02	Temporary Rock Sediment Dam Type-B	
1635.01	Rock Pipe Inlet Sediment Trap Type-A	

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

Prepared By:
Greg S.Davis,PE
Level III A #3088
December 31,2017

PROJECT CONTACTS:
District Engineer Jeff Loflin,PE
Design & Construct Engineer Greg S.Davis,PE
Resident Engineer Reuben BlaKley,PE

PROJECT LENGTH
0.1 mi.

These Erosion and Sediment Control Plans comply with the regulations set forth by the NCG010000 general construction permit effective August 3, 2011 issued by the North Carolina Department of Environment and Natural Resources Division of Water Quality.

NOTE:
The erosion control measures have been designed to provide storage calculated using the 30 day option analysis.The devices designed using these calculations have been noted.

Prepared in the Office of:
DIVISION EIGHT
DIVISION DESIGN & CONSTRUCT UNIT
902 N Sandhills Blvd.
PO Box 1067
Aberdeen, 28315

2012 STANDARD SPECIFICATIONS

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

1605.01	Temporary Silt Fence	1632.01	Rock Inlet Sediment Trap Type A
1606.01	Special Sediment Control Fence	1632.03	Rock Inlet Sediment Trap Type C
1622.01	Temporary Berms and Slope Drains	1633.01	Temporary Rock Silt Check Type A
1630.01	Riser Basin	1633.02	Temporary Rock Silt Check Type B
1630.02	Silt Basin Type B	1634.01	Temporary Rock Sediment Dam Type A
1630.03	Temporary Silt Ditch	1634.02	Temporary Rock Sediment Dam Type B
1630.04	Stilling Basin	1635.01	Rock Pipe Inlet Sediment Trap Type A
1630.05	Temporary Diversion	1636.01	Rock Silt Screen

$$$$SYSTIME$$$$
$$$$USERNAME$$$$DGN$$$$