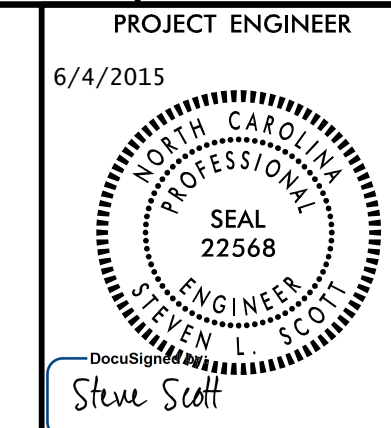


INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS



2012 ROADWAY ENGLISH STANDARD DRAWINGS EFF. 01-17-12

INDEX OF PLAN SHEETS	
SHEET NO.	DESCRIPTION
OSM-1	TITLE SHEET
OSM-1A	CONVENTIONAL SYMBOLS
OSM-1B	STREAM RELOCATION SYMBOLS
OSM-1C	INDEX, GEN NOTES & LIST OF STDS
OSM-2	TYPICAL SECTIONS AND MORPHOLOGY TABLE
OSM-2A TO OSM-2B	STREAM DETAIL SHEETS
OSM-2C	STREAM PLANTING PLAN
OSM-3	QUANTITIES
OSM-4	STREAM RELOCATION PLAN AND PROFILE
OSM-5 TO OSM-5A	STREAM CROSS SECTIONS

The following Roadway Standards as appear on "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2012 are applicable to this project and by reference hereby are considered a part of the these plans:

STD.NO.	TITLE
	DIVISION 2 - EARTHWORK
200.02	Method of Clearing - Method II
	DIVISION 3 - PIPE CULVERTS
300.01	Method of Pipe Installation
310.10	Driveway Pipe Construction

GENERAL NOTES:

1. THE CONTRACTOR SHALL PERFORM ALL NECESSARY SUBSURFACE UTILITY INVESTIGATIONS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING CONDITIONS, OBSTRUCTIONS, AND UTILITIES WHICH MAY AFFECT PROPOSED WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE INGRESS AND EGRESS FROM EACH PROJECT SITE FOR ALL VEHICLES INCLUDING, BUT NOT LIMITED TO, TRAFFIC ON ADJACENT PUBLIC ROADS, PRIVATE PARKING LOTS AFFECTED BY CONSTRUCTION TRAFFIC. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN ALL TRAFFIC CONTROL DEVICES FOR EACH SITE LOCATION AN IN ACCORDANCE WITH NCDOT STANDARDS AND SPECIFICATIONS.
3. THE CONTRACTOR SHALL BEGIN WORK AT THE UPSTREAM END OF THE CHANNEL REACH AND PROCEED DOWNSTREAM UNLESS OTHERWISE APPROVED BY THE ENGINEER.
4. DIMENSION TOLERANCES FOR THE STREAM RELOCATION SITE SHALL BE AS FOLLOWS:
 WIDTH: +/- 0.5 FT
 DEPTH: +/- 0.2 FT
 RIFFLE ELEVATIONS: +/- 0.2 FT
 POOL ELEVATIONS: +/- 0.2 FT
 ARM SLOPE: SEE DETAIL ON SHEET OSM-2A
 ARM ANGLE: SEE DETAIL ON SHEET OSM-2A

 TOLERANCES MAY BE ADJUSTED DURING CONSTRUCTION AS NECESSARY TO REFLECT ACTUAL FIELD CONDITIONS WITH APPROVAL FROM THE ENGINEER.
5. EXISTING CHANNEL TO BE FILLED SHALL BE BACK FILLED WITH MAXIMUM 1 FOOT LIFTS AND COMPACTED TO RELATIVE DENSITY USING ASTM C 127 & ASTM C 128. FILL MATERIAL SHALL BE FREE FROM BRUSH AND ORGANIC DEBRIS PRIOR TO BACK FILLING EXCEPT AS APPROVED BY THE ENGINEER.
6. WHERE SHOWN ON THE PLANS, PUMP AROUND OPERATIONS SHALL BE USED TO DIVERT FLOW DURING CONSTRUCTION EXCEPT AS APPROVED BY THE ENGINEER.
7. ALL MECHANIZED EQUIPMENT OPERATED IN OR NEAR THE STREAM CHANNEL SHALL BE INSPECTED REGULARLY AND MAINTAINED TO PREVENT CONTAMINATION OF SURFACE WATERS FROM FUELS, LUBRICANTS, HYDRAULIC FLUID AND ANY OTHER TOXIC MATERIALS.
8. CLEARING AND GRUBBING SHALL BE LIMITED TO ONLY THE AREAS NECESSARY FOR CONSTRUCTION OF THE PROPOSED WORK.
10. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIALS AND CONSTRUCTION DEBRIS GENERATED DURING THE EXECUTION OF WORK IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS TO EXISTING FACILITIES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.
12. SPECIFIED AND/OR PROPRIETARY PRODUCTS SHOWN HEREIN MAY BE SUBJECT TO SUBSTITUTION WITH OTHER PRODUCTS OF EQUAL OR SUPERIOR FUNCTION AS RECOMMENDED BY THE CONTRACTOR SUBJECT TO WRITTEN REVIEW AND APPROVAL OF THE ENGINEER. WHEN THE CONTRACTOR USES PROPRIETARY PRODUCTS, IT IS THE CONTRACTOR'S RESPONSIBLITY TO VERIFY WITH THE SUPPLIER/MANUFACTURER THAT THEIR PRODUCT WILL FUNCTION PER THE DESIGN OR THE GIVEN FIELD CONDITIONS. THE ENGINEER SHOULD BE NOTIFIED IMMEDIATELY IF ANY DEVIATIONS FROM EXISTING FIELD CONDITIONS EXIST WHICH MAY AFFECT PRODUCT FUNCTION.
13. ALL QUANTITIES SHOWN HEREIN ARE ESTIMATES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING QUANTITIES THROUGH A FIELD VISIT AND HIS/HER OWN QUANTITY TAKEOFFS.

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