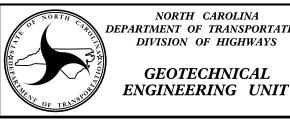


## NOTES: SPECIFICATIONS.

EOR SOIL NAIL RETAINING WALLS, SEE SOIL NAIL RETAINING WALLS PROVISION. EOR STEEL BEAM GUARDRAIL, SEE ROADWAY PLANS AND SECTION 862 OF THE STANDARD FOR SINGLE FACED PRECAST CONCRETE BARRIER, SEE ROADWAY PLANS AND SECTION 857 OF THE STANDARD SPECIFICATIONS.  $\bar{\rm A}$  Concrete barrier rail with moment slab is required above retaining wall no. . See plans for concrete barrier rail with moment slab details.  $\bar{\rm A}$  FENCE OR HANDRAIL IS REQUIRED ON TOP OF RETAINING WALL NO. . SEE ROADWAY PLANS FOR EENCE OR HANDRAIL ATTACHMENT DETAILS.  $\bar{\rm A}$  \_\_\_\_\_ ARCHITECTURAL FINISH IS REQUIRED FOR THE CIP REINFORCED CONCRETE FACE FOR RETAINING WALL NO. .  $\bar{\rm A}$  BRICK VENEER IS REQUIRED FOR RETAINING WALL NO. AS SHOWN. SUBMIT BRICK SAMPLES FOR APPROVAL BEFORE BEGINNING SOIL NAIL WALL CONSTRUCTION. BEFORE BEGINNING SOIL NAIL WALL DESIGN FOR RETAINING WALL NO., SURVEY WALL LOCATION AND SUBMIT A REVISED WALL PROFILE VIEW (WALL ENVELOPE)FOR REVIEW. DO NOT START WALL DESIGN OR CONSTRUCTION UNTIL THE REVISED WALL ENVELOPE IS ACCEPTED. FT: ET: THE WALL SITE FOR RETAINING WALL NO. LOCATED AT END BENT NO. IS CLASSIFIED AS AASHTO SITE CLASS E.  $\bar{\rm T}HE$  MINIMUM WALL EMBEDMENT ELEVATION FOR RETAINING WALL NO. INCLUDES EMBEDMENT FOR SCOUR. DESIGN RETAINING WALL NO. FOR A LIVE LOAD (TRAFFIC) SURCHARGE.  $\bar{\mathbb{D}}\textsc{esign}$  retaining wall no. for the  $\underline{\texttt{POINI},\texttt{LINE}}$  or  $\underline{\texttt{STRIP}}$  surcharge load shown. EOUNDATIONS FOR <u>SIGNS, LIGHIING or SIGNALS</u> WILL BE LOCATED BEHIND RETAINING WALL NO. AND <u>WILL or May</u> INTERFERE WITH SOIL NAILS. SUBMIT PROPOSED CONSTRUCTION METHODS FOR THESE FOUNDATIONS WITH THE SOIL NAIL WALL CONSTRUCTION PLAN. EOUNDATIONS FOR END BENT NO. LOCATED AT STATION <u>Will or May</u> INTERFERE WITH SOIL NAILS FOR RETAINING WALL NO. SEE 'FOUNDATION LAYOUT' SHEET FOR FOUNDATION LOCATIONS.  $\bar{\rm D}\rm ESIGN$  RETAINING WALL NO.\_ FOR A LATERAL LOAD FROM FOUNDATIONS LOCATED BEHIND THE WALL APPLIED AS A FACTORED UNIFORM PRESSURE OF \_\_\_ PSF TO THE BACK OF THE CIP REINFORCED CONCRETE FACE. "TEMPORARY SHORING" I<u>S or May be</u> required for retaining wall no. In accordance with The temporary shoring provision, see <u>Roadway, siructure or traffic control</u> plans.

 $\bar{D}ESIGN$  RETAINING WALL NO. FOR A PIPE EXTENDING THROUGH THE WALL AS SHOWN. VERIFY PIPE LOCATION AND ELEVATION BEFORE BEGINNING SOIL NAIL WALL DESIGN OR CONSTRUCTION. ÉXISTING OR FUTURE OBSTRUCTIONS SUCH AS FOUNDATIONS, GUARDRAIL, FENCE OR HANDRAIL POSTS, PAVEMENTS, PIPES, INLETS OR UTILITIES <u>WILL or MAY</u> INTERFERE WITH SOIL NAILS FOR RETAINING WALL NO. .



## PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

STD CELL Wall\_SoilNail\_Typical\_Notes

**GEOTECHNICAL** 

SOIL NAIL WALL WITH OR WITHOUT BACK SLOPE -**TYPICAL & NOTES** 

DATE: 10-19-21