

TEMPORARY SHORING LOCATION NO. ①
 -L- 231+00±, OFFSET VARIES

ESTIMATED QUANTITY = 1650.0 SF

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION AT STATION -L-231+00+/-, TO STATION -L-231+00+/-.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L-231+00+/-, TO STATION -L-231+00+/-, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT, (γ) = 120 LB/CF
 FRICTION ANGLE, (ϕ) = 30 DEGREES
 COHESION, c = 0 LB/SF
 GROUNDWATER ELEVATION =958FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L-231+00+/-, TO STATION -L-231+00+/- . THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

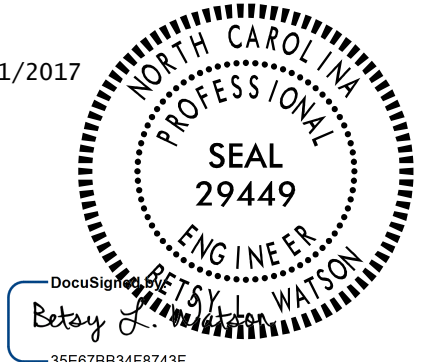
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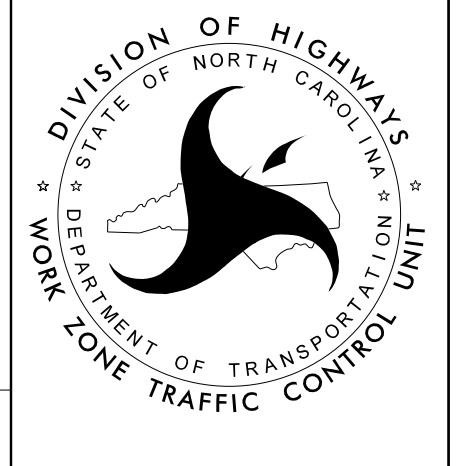
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DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL UNIT

TEMPORARY SHORING
 NOTES