

TEMPORARY SHORING NO. 1

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

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 -Y1- 12+29±, 26.0 FT (LT), TO STATION -Y1- 12+75±, 17.0 FT (LT), FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

ABOVE ELEVATION 2,175 FT:
UNIT WEIGHT (γ) = 110 PCF
FRICTION ANGLE (ϕ) = 26 DEGREES
GROUNDWATER ELEVATION = 2,176 FT

BELOW ELEVATION 2,175 FT:
UNIT WEIGHT (γ) = 155 PCF
FRICTION ANGLE (ϕ) = 40 DEGREES
GROUNDWATER ELEVATION = 2,176 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -Y1- 12+29±, 26.0 FT (LT), TO STATION -Y1- 12+75±, 17.0 FT (LT) WILL NOT PENETRATE BELOW ELEVATION 2,175 FT DUE TO WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -Y1- 12+29±, 26.0 FT (LT), TO STATION -Y1- 12+75±, 17.0 FT (LT). SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING NO. 2

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

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- 10+70±, 21.0 FT (LT), TO STATION -L- 11+15 ±, 3.0 FT (LT), FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

ABOVE ELEVATION 2,178 FT:
UNIT WEIGHT (γ) = 110 PCF
FRICTION ANGLE (ϕ) = 26 DEGREES
GROUNDWATER ELEVATION = 2,176 FT

BELOW ELEVATION 2,178 FT:
UNIT WEIGHT (γ) = 155 PCF
FRICTION ANGLE (ϕ) = 40 DEGREES
GROUNDWATER ELEVATION = 2,176 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -L- 10+70±, 21.0 FT (LT), TO STATION -L- 11+15 ±, 3.0 FT (LT) WILL NOT PENETRATE BELOW ELEVATION 2,178 FT DUE TO WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 10+70±, 21.0 FT (LT), TO STATION -L- 11+15 ±, 3.0 FT (LT). SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENT WAS SUBMITTED TO THE WZTC SECTION ON MARCH 15, 2018 AND SEALED BY A PROFESSIONAL ENGINEER, MICHAEL H. STEPHENS, LICENSE # 028893.

3/15/2018
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ENGINEERING & CONSTRUCTION

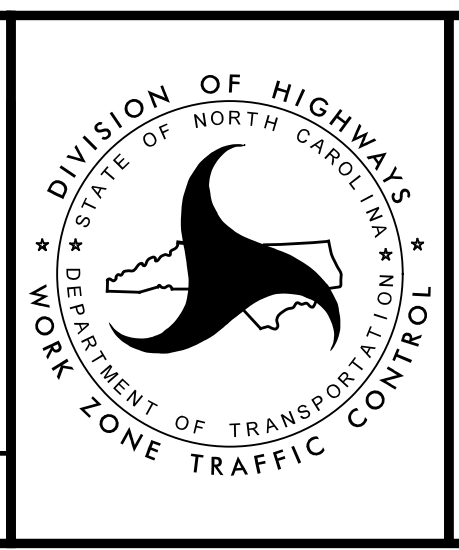
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DATE: 5/14/2018

SEAL

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



TEMPORARY SHORING DATA