

SHORING LOCATION NO. 1

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

TEMPORARY SHORING IS REQUIRED FOR THE REMOVAL OF EXISTING BENT FROM STATION 12+59 ±-Y-, 51' RT, TO STATION 13+09 ± -Y-, 51' RT.

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 12+59 ±-Y-, 51' RT, TO STATION 13+09 ±-Y-, 51' RT, 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 = 755 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 12+59 ±-Y-, 51' RT, TO STATION 13+09 ±-Y-, 51' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 12+59 ±-Y-, 51' RT, TO STATION 13+09 ±-Y-, 51' RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

SHORING LOCATION NO. 3

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIOR BENT CONSTRUCTION FROM STATION 12+45 ±-Y-, 8' RT, TO STATION 12+95 ± -Y-, 8' RT.

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 12+45 ±-Y-, 8' RT, TO STATION 12+95 ±-Y-, 8' RT, 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 = 760 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 12+45 ±-Y-, 8' RT, TO STATION 12+95 ±-Y-, 8' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 12+45 ±-Y-, 8' RT, TO STATION 12+95 ±-Y-, 8' RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

SHORING LOCATION NO. 2

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

TEMPORARY SHORING IS REQUIRED FOR THE REMOVAL OF EXISTING BENT FROM STATION 12+82 ±-Y-, 51' LT, TO STATION 12+32 ±-Y-, 51' LT.

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 12+82 ±-Y-, 51' LT, TO STATION 12+32 ±-Y-, 51' LT, 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 = 755 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 12+82 ±-Y-, 51' LT, TO STATION 12+32 ±-Y-, 51' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 12+82 ±-Y-, 51' LT, TO STATION 12+32 ±-Y-, 51' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

SHORING LOCATION NO. 4

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIOR BENT CONSTRUCTION FROM STATION 12+95 ±-Y-, 8' LT, TO STATION 12+45 ±-Y-, 8' LT.

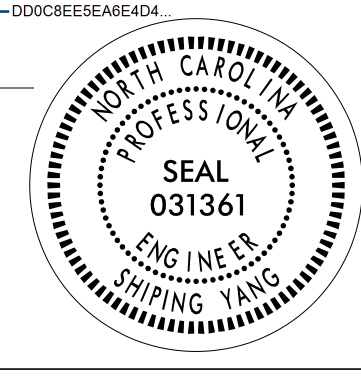
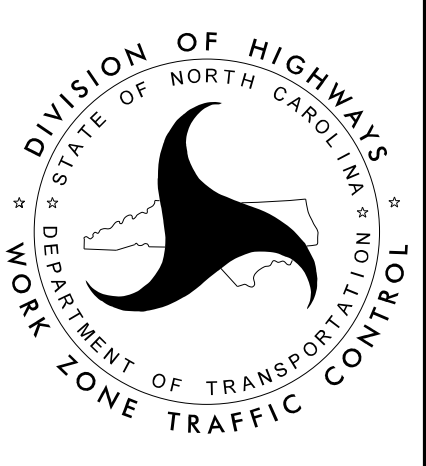
BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION 12+95 ±-Y-, 8' LT, TO STATION 12+45 ±-Y-, 8' LT, 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 = 760 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 12+95 ±-Y-, 8' LT, TO STATION 12+45 ±-Y-, 8' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 12+95 ±-Y-, 8' LT, TO STATION 12+45 ±-Y-, 8' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

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| APPROVED: <u>Shiping Yang</u> <small>DDDC8E5E9A6E404</small> DATE: 05/11/2022  |  | TEMPORARY SHORING DATA |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | | |