

TEMPORARY SHORING LOCATION NO. 1 SEE SHEET TMP-5
ESTIMATED QUANTITY = 4315.5 SF

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

TEMPORARY SHORING IS REQUIRED FOR ROADWAY CONSTRUCTION FROM STATION 307+00± -EBL DET-, 20.2' RT, TO STATION 313+85± -EBL DET-, 19.2' 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 307+00± -EBL DET-, 20.2' RT, TO STATION 313+85± -EBL DET-, 19.2' 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 = 2020 FT

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 307+00± -EBL DET-, 20.2' RT, TO STATION 313+85± -EBL DET-, 19.2' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

TEMPORARY SHORING LOCATION NO. 3 SEE SHEET TMP-5
ESTIMATED QUANTITY = 25 SF

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE END BENT CONSTRUCTION FROM STATION 313+75± -EBL DET-, 21.2' RT, TO STATION 313+85± -EBL DET-, 21.2' 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 313+75± -EBL DET-, 21.2' RT, TO STATION 313+85± -EBL DET-, 21.2' 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 = 2020 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 313+75± -EBL DET-, 21.2' RT, TO STATION 313+85± -EBL DET-, 21.2' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 313+75± -EBL DET-, 21.2' RT, TO STATION 313+85± -EBL DET-, 21.2' RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. 5 SEE SHEET TMP-9
ESTIMATED QUANTITY = 371 SF

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

TEMPORARY SHORING IS REQUIRED FOR ROADWAY CONSTRUCTION FROM STATION 324+46± -WBL DET-, 33' RT, TO STATION 325+52± -WBL DET-, 27' 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 324+46± -WBL DET-, 33' RT, TO STATION 325+52± -WBL DET-, 27' 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 = 2010 FT

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 324+46± -WBL DET-, 33' RT, TO STATION 325+52± -WBL DET-, 27' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

TEMPORARY SHORING LOCATION NO. 2 SEE SHEET TMP-5 AND 6
ESTIMATED QUANTITY = 5400 SF

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

TEMPORARY SHORING IS REQUIRED FOR ROADWAY CONSTRUCTION FROM STATION 316+50± -EBL DET-, 19.2' RT, TO STATION 324+00± -EBL DET-, 18' 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 316+50± -EBL DET-, 19.2' RT, TO STATION 324+00± -EBL DET-, 18' 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 = 2000 FT

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 316+50± -EBL DET-, 19.2' RT, TO STATION 324+00± -EBL DET-, 18' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

TEMPORARY SHORING LOCATION NO. 4 SEE SHEET TMP-7
ESTIMATED QUANTITY = 194.4 SF

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

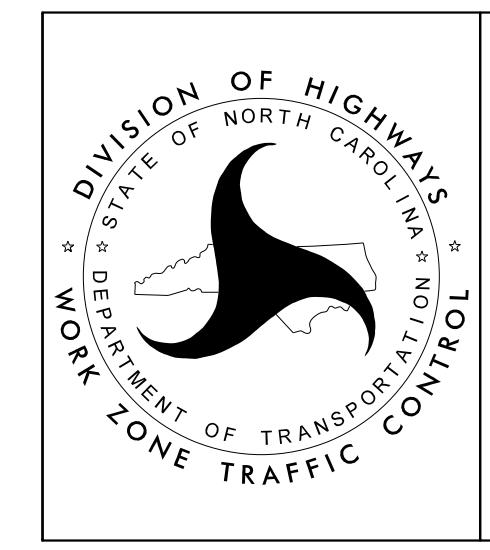
TEMPORARY SHORING IS REQUIRED FOR ROADWAY CONSTRUCTION FROM STATION 304+58± -WBL DET-, 19' RT, TO STATION 305+66± -WBL DET-, 28' RT.

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 304+58± -WBL DET-, 19' RT, TO STATION 305+66± -WBL DET-, 28' 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 = 2010 FT

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 304+58± -WBL DET-, 19' RT, TO STATION 305+66± -WBL DET-, 28' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEER. THE DOCUMENT WAS SUBMITTED TO THE WZTC SECTION STANTEC CONSULTING ON MAY 3, 2022 AND SEALED BY A PROFESSIONAL ENGINEER, SHIPING YANG, PhD, PE, LICENSE NUMBER 031361.



TEMPORARY SHORING NOTES

6/15/2022 U:\Traffic\Transportation Management\Plan\TCP\PLAN SHEETS\B-4442-TMP-02A-TEMPORARY_SHORING_NOTES.dgn dorichardson