

NOTES FOR TEMPORARY SHORING No. 5

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 -L- STA. 25+65 +/- (NB) 47.2 FT. RIGHT TO -L- STA. 26+15 +/- (NB) 47.2 FT. RIGHT 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 = 136 FT

DO NOT USE A TEMPORARY WALL FOR THE TEMPORARY SHORING FROM -L- STA. 25+65 +/- (NB) 47.2 FT. RIGHT TO -L- STA. 26+15 +/- (NB) 47.2 FT. RIGHT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STA. 25+65 +/- (NB) 47.2 FT. RIGHT TO -L- STA. 26+15 +/- (NB) 47.2 FT. RIGHT. SEE STANDARD DRAWING NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STA. 25+65 +/- (NB) 47.2 FT. RIGHT TO -L- STA. 26+15 +/- (NB) 47.2 FT. RIGHT WILL NOT PENETRATE BELOW ELEVATION 124 FT. DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 7

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 -L- STA. 26+00 +/- (SB) 44.0 FT. LEFT TO -L- STA. 26+52 +/- (SB) 44.0 FT. LEFT 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 = 132 FT

DO NOT USE A TEMPORARY WALL FOR THE TEMPORARY SHORING FROM -L- STA. 26+52 +/- (SB) 44.0 FT. LEFT TO -L- STA. 26+00 +/- (SB) 44.0 FT. LEFT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STA. 26+00 +/- (SB) 44.0 FT. LEFT TO -L- STA. 26+52 +/- (SB) 44.0 FT. LEFT. SEE STANDARD DRAWING NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STA. 26+00 +/- (SB) 44.0 FT. LEFT TO -L- STA. 26+52 +/- (SB) 44.0 FT. LEFT WILL NOT PENETRATE BELOW ELEVATION 122 FT. DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 6

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 -L- STA. 25+84 +/- (NB) 50.0 FT. RIGHT TO -L- STA. 26+15 +/- (NB) 50.0 FT. RIGHT 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 = 136 FT

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR THE TEMPORARY SHORING FROM -L- STA. 25+84 +/- (NB) 50.0 FT. RIGHT TO -L- STA. 26+15 +/- (NB) 50.0 FT. RIGHT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STA. 25+84 +/- (NB) 50.0 FT. RIGHT TO -L- STA. 26+15 +/- (NB) 50.0 FT. RIGHT. SEE STANDARD DRAWING NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARAY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPORACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

NOTES FOR TEMPORARY SHORING No. 8

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 -L- STA. 26+20 +/- (SB) 46.0 FT. LEFT TO -L- STA. 26+52 +/- (SB) 46.0 FT. LEFT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

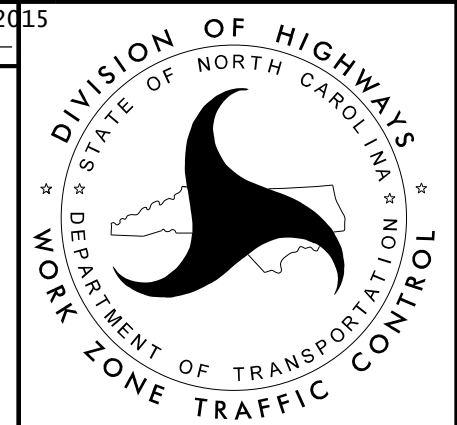
UNIT WEIGHT (γ) = 120 LB/CF
 FRICTION ANGLE (ϕ) = 30 DEGREES
 COHESION (c) = 0 LB/SF
 GROUNDWATER ELEVATION = 132 FT

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR THE TEMPORARY SHORING FROM -L- STA. 26+20 +/- (SB) 46.0 FT. LEFT TO -L- STA. 26+52 +/- (SB) 46.0 FT. LEFT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STA. 26+20 +/- (SB) 46.0 FT. LEFT TO -L- STA. 26+52 +/- (SB) 46.0 FT. LEFT. SEE STANDARD DRAWING NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARAY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPORACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

APPROVED: James R. Dotts, Jr. DATE: 10/14/2015
DATE: 10/09/2015 07:07



TEMPORARY SHORING DATA

PLOT DRIVER: NCDOT_pdf_color_eng_100.plt
 USER: erbrooks
 FILE: dw:\FWAPP\TFA01\SouthEast\Tampa\Documents\000166\CON0079\59\000000000227910\06_00_Project_Design\I-3318BB\TrafficControl\TCP\I-3318_TMP-02E_02F.dgn
 PENTABLE: NCDOT_tcp.tbl
 TIME: 2:54:26 PM
 DATE: 9/29/2015
 REVISIONS