PROJ. REFERENCE NO.	SHEET NO.
I-3318BB	TMP-2E

NOTES FOR 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 -L- STA. 22+80 +/- (NB) 47.5 FT. RIGHT TO -L- STA. 23+30 +/- (NB) 47.5 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 = 133 FT

DO NOT USE A TEMPORARY WALL FOR THE TEMPORARY SHORING FROM -L- STA. 22+80 +/- (NB) 47.5 FT. RIGHT TO -L- STA. 23+30 +/- (NB) 47.5 FT. RIGHT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STA. 22+80 +/- (NB) 47.5 FT. RIGHT TO -L- STA. 23+30 +/- (NB) 47.5 FT. RIGHT. SEE STANDARD DRAWING NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STA. 22+80 +/- (NB) 47.5 FT. RIGHT TO -L- STA. 23+30 +/- (NB) 47.5 FT. RIGHT WILL NOT PENETRATE BELOW ELEVATION 121 FT. DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED HARD ROCK.

NOTES FOR 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 -L- STA. 22+80 +/- (NB) 50.0 FT. RIGHT TO -L- STA. 23+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 = 133 FT

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR THE TEMPORARY SHORING FROM -L- STA. 22+80 +/- (NB) 50.0 FT. RIGHT TO -L- STA. 23+15 +/- (NB) 50.0 FT. RIGHT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STA. 22+80 +/- (NB) 50.0 FT. RIGHT TO -L- STA. 23+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. 3

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. 23+20 +/- (SB) 44.0 FT. LEFT TO -L- STA. 23+62 +/- (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 = 127 FT

DO NOT USE A TEMPORARY WALL FOR THE TEMPORARY SHORING FROM -L- STA. 23+20 +/- (SB) 44.0 FT. LEFT TO -L- STA. 23+62 +/- (SB) 44.0 FT. LEFT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STA. 23+20 +/- (SB) 44.0 FT. LEFT TO -L- STA. 23+62 +/- (SB) 44.0 FT. LEFT. SEE STANDARD DRAWING NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STA. 23+20 +/- (SB) 44.0 FT. LEFT TO -L- STA. 23+62 +/- (SB) 44.0 FT. LEFT WILL NOT PENETRATE BELOW ELEVATION 120 FT. DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 4

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. 23+20 +/- (SB) 46.0 FT. LEFT TO -L- STA. 23+50 +/- (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 = 127 FT

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR THE TEMPORARY SHORING FROM -L- STA. 23+20 +/- (SB) 46.0 FT. LEFT TO -L- STA. 23+50 +/- (SB) 46.0 FT. LEFT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STA. 23+20 +/- (SB) 46.0 FT. LEFT TO -L- STA. 23+50 +/- (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.

DocuSigned by:
APPROVED: James R Batts, Jr DATE: 10/14/2015
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NORTH CAROLINA PROFESSIONAL SEAL 018899 ENGINEER JAMES R BATTS, JR.

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

TEMPORARY SHORING DATA

REVISIONS

PLOT DRIVER: NCDOT_pdf_color_eng_100.plt PENTABLE: NCDOT_tcp.tbl
USER: erbrooks DATE: 9/29/2015 TIME: 2:53:57 PM
FILE: pw:\\PWAPPTPA01:SouthEast_Tampa\Documents\000166\CON0079759\0000000000227910\06.00_Project_Design\I-3318BB\Traffic\TrafficControl\TCP\I-3318_TMP-02E_02F.dgn