


TEMPORARY SHORING DATA

PROJ. REFERENCE NO. R-4753	SHEET NO. TMP-2A
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NOTES FOR ALL TEMPORARY SHORING

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

FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

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

WHEN BACKFILL FOR RETAINING WALLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR RETAINING WALLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

DESIGN TEMPORARY SHORING FOR THE ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION. INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

THE ASSUMED SOIL PARAMETERS ARE:

UNIT WEIGHT (γ) = 120 LB/CF
 FRICTION ANGLE (ϕ) = 28 DEGREES
 COHESION (c) = 0 LB/SF

EXCEPT WHERE NOTED OTHERWISE, LIMITED SUBSURFACE INFORMATION IS AVAILABLE.

NOTE THAT BOULDERS MAY BE PRESENT WITHIN THE PROJECT LIMITS. THE PRESENCE OF BOULDERS SHALL NOT BEE CONSIDERED A CHANGED CONDITION.

NOTES FOR TEMPORARY SHORING No. 1

FROM STATION 18+00 -L-, 11.0 FT RT TO STATION 23+25 -L-, 11.0 FT RT:

ASSUMED GROUNDWATER ELEVATION = 2105 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2115 FEET, PLUS OR MINUS 5 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 2

FROM STATION 26+25 -L-, 11.0 FT RT TO STATION 26+60 -L-, 11.0 FT RT:

TEMPORARY SHORING IS REQUIRED FOR PIPE INSTALLATION
 ASSUMED GROUNDWATER ELEVATION = 2106 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2115 FEET, PLUS OR MINUS 5 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 3

FROM STATION 26+60 -L-, 11.0 FT RT TO STATION 31+75 -L-, 11.0 FT RT:

ASSUMED GROUNDWATER ELEVATION = 2107 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2115 FEET, PLUS OR MINUS 5 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 4

FROM STATION 54+77 -L-, 8.0 FT RT TO STATION 57+05 -L-, 8.0 FT RT:

ASSUMED GROUNDWATER ELEVATION = 2113 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2120 FEET, PLUS OR MINUS 5 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 5

FROM STATION 58+00 -L-, 8.0 FT RT TO STATION 62+20 -L-, 8.0 FT RT:

ASSUMED GROUNDWATER ELEVATION = 2114 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2120 FEET, PLUS OR MINUS 10 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 6

FROM STATION 71+58 -L-, 11.0 FT RT TO STATION 81+90 -L-, 11.0 FT RT:

ASSUMED GROUNDWATER ELEVATION = 2116 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2120 FEET, PLUS OR MINUS 10 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 7

FROM STATION 92+00 -L-, 11.0 FT RT TO STATION 95+81 -L-, 11.0 FT RT:

ASSUMED GROUNDWATER ELEVATION = 2120 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2125 FEET, PLUS OR MINUS 10 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 8

FROM STATION 141+70 -L-, 36.4 FT RT TO STATION 143+20 -L-, 38.5 FT RT:

ASSUMED GROUNDWATER ELEVATION = 2127 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2115 FEET DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 9

FROM STATION 148+20 -L-, 11.0 FT RT TO STATION 153+12 -L-, 11.0 FT RT:

ASSUMED GROUNDWATER ELEVATION = 2131 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2105 FEET DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 10

FROM STATION 16+59 -DET2-, 19.0 FT RT TO STATION 17+77 -DET2-, 19.0 FT RT:

ASSUMED GROUNDWATER ELEVATION = 2134 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2140 FEET, PLUS OR MINUS 10 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 11

FROM STATION 142+38 -L-, 3.5 FT RT TO STATION 143+19 -L-, 3.5 FT RT:

TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION
 ASSUMED GROUNDWATER ELEVATION = 2127 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2115 FEET DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 12

FROM STATION 142+38 -L-, 9.0 FT RT TO STATION 143+19 -L-, 9.0 FT RT:

TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION
 ASSUMED GROUNDWATER ELEVATION = 2127 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2115 FEET DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 12A

FROM STATION 142+50 -L-, 27.5 FT LT TO STATION 142+90 -L-, 27.5 FT LT:

TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION
 ASSUMED GROUNDWATER ELEVATION = 2127 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2115 FEET DUE TO BOULDERS, WEATHERED OR HARD ROCK.

NOTES FOR TEMPORARY SHORING No. 13

FROM STATION 164+33 -L-, 13.5 FT RT TO STATION 164+93 -L-, 13.5 FT RT:

TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION
 ASSUMED GROUNDWATER ELEVATION = 2133 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2140 FEET, PLUS OR MINUS 10 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.
 NO SUBSURFACE INFORMATION IS AVAILABLE.

NOTES FOR TEMPORARY SHORING No. 14

FROM STATION 13+17 -DET2-, 19.0 FT LT TO STATION 13+77 -DET2-, 19.0 FT LT:

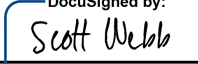
TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION
 ASSUMED GROUNDWATER ELEVATION = 2133 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2140 FEET, PLUS OR MINUS 10 FEET, DUE TO BOULDERS, WEATHERED OR HARD ROCK.
 NO SUBSURFACE INFORMATION IS AVAILABLE.

NOTES FOR TEMPORARY SHORING No. 15

FROM STATION 168+07 -L-, 13.5 FT RT TO STATION 168+72 -L-, 13.5 FT RT:

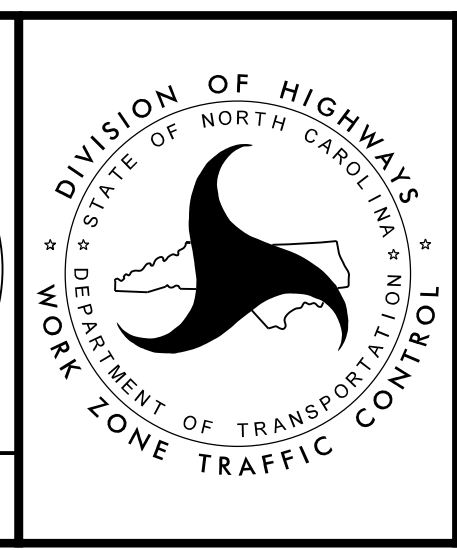
TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION
 ASSUMED GROUNDWATER ELEVATION = 2132 FT
 DRIVEN PILING MAY NOT PENETRATE BELOW ELEVATION 2140 FEET DUE TO BOULDERS, WEATHERED OR HARD ROCK.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH SEALED DOCUMENTS FROM THE GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENT WAS DATED AND SEALED ON 09/19/2016 BY A PROFESSIONAL ENGINEER, RICHARD SCOTT WEBB, LICENSE # 028669.


APPROVED: 
 DATE: 9/29/2016

SEAL

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



TEMPORARY SHORING DATA



PLOT DRIVER: NCDOT_pdf_color_eng-50p.plt
 USER: BSCOTT
 FILE: pwa\pwappt\PA01\SouthEast_Tampa\Documents\000166\CON0079759\CON0099518\00000000258994\6.0_CAD_BITMAP\6.2_Work_In_Progress\R-4753\TrafficControl\TCP\R-4753_TMP-02A&B.dgn
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