

PROJ. REFERENCE NO.	SHEET NO.
I-5987B	TMP-2TS9

SEE SHEET TMP-158

TEMPORARY SHORING LOCATION NO. **(B2-07)** ESTIMATED QUANTITY = 428 SF

-L- STA. 702+33±, 9.5' LT TO -L- STA. 703+17±, 9.5' LT
LENGTH = 84' AVERAGE HEIGHT = 5.1 FT MAXIMUM HEIGHT = 6.0 FT

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 STATION -L- 702+33±, 9.5 FT LT, TO STATION -L- 703+17±, 9.5 FT LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:
UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (ϕ) = 30 DEGREES
COHESION (C) = 0 PSF
GROUNDWATER ELEVATION = 162 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 702+33±, 9.5 FT LT, TO STATION -L- 703+17±, 9.5 FT LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 702+33±, 9.5 FT LT, TO STATION -L- 703+17±, 9.5 FT LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

SEE SHEET TMP-158

TEMPORARY SHORING LOCATION NO. **(B2-08)** ESTIMATED QUANTITY = 428 SF

-L- STA. 702+33±, 9.5' RT TO -L- STA. 703+17±, 9.5' RT
LENGTH = 84' AVERAGE HEIGHT = 5.1 FT MAXIMUM HEIGHT = 6.0 FT

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 STATION -L- 702+33±, 9.5 FT RT, TO STATION -L- 703+17±, 9.5 FT RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:
UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (ϕ) = 30 DEGREES
COHESION (C) = 0 PSF
GROUNDWATER ELEVATION = 162 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 702+33±, 9.5 FT RT, TO STATION -L- 703+17±, 9.5 FT RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 702+33±, 9.5 FT RT, TO STATION -L- 703+17±, 9.5 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

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

SEE SHEET TMP-165

TEMPORARY SHORING LOCATION NO. **(B2-09)** ESTIMATED QUANTITY = 139 SF

-Y1BRPD- STA. 17+76±, 16.0' RT TO -Y1BRPD- STA. 18+10±, 16.0' RT
LENGTH = 34' AVERAGE HEIGHT = 4.1 FT MAXIMUM HEIGHT = 7.0 FT

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 STATION -Y1BRPD- 17+76±, 16 FT RT, TO STATION -Y1BRPD- 18+10±, 16 FT RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:
UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (ϕ) = 30 DEGREES
COHESION (C) = 0 PSF
GROUNDWATER ELEVATION = 162 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -Y1BRPD- 17+76±, 16 FT RT, TO STATION -Y1BRPD- 18+10±, 16 FT RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -Y1BRPD- 17+76±, 16 FT RT, TO STATION -Y1BRPD- 18+10±, 16 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

SEE SHEET TMP-165

TEMPORARY SHORING LOCATION NO. **(B2-10)** ESTIMATED QUANTITY = 144 SF

-Y1BRPA- STA. 22+00±, 29.0' LT TO -Y1BRPA- STA. 22+35±, 29.0' LT
LENGTH = 35' AVERAGE HEIGHT = 4.1 FT MAXIMUM HEIGHT = 7.0 FT

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 STATION -Y1BRPA- 22+00±, 29 FT LT, TO STATION -Y1BRPA- 22+35±, 29 FT LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:
UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (ϕ) = 30 DEGREES
COHESION (C) = 0 PSF
GROUNDWATER ELEVATION = 165 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -Y1BRPA- 22+00±, 29 FT LT, TO STATION -Y1BRPA- 22+35±, 29 FT LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -Y1BRPA- 22+00±, 29 FT LT, TO STATION -Y1BRPA- 22+35±, 29 FT LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

SEE SHEET TMP-170

TEMPORARY SHORING LOCATION NO. **(B2-11)** ESTIMATED QUANTITY = 139 SF

-Y1BRPD- STA. 17+76±, 11.0' RT TO -Y1BRPD- STA. 18+10±, 11.0' RT
LENGTH = 34' AVERAGE HEIGHT = 4.1 FT MAXIMUM HEIGHT = 7.0 FT

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 STATION -Y1BRPD- 17+76±, 11 FT RT, TO STATION -Y1BRPD- 18+10±, 11 FT RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:
UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (ϕ) = 30 DEGREES
COHESION (C) = 0 PSF
GROUNDWATER ELEVATION = 162 FT±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -Y1BRPD- 17+76±, 11 FT RT, TO STATION -Y1BRPD- 18+10±, 11 FT RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -Y1BRPD- 17+76±, 11 FT RT, TO STATION -Y1BRPD- 18+10±, 11 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

SEE SHEET TMP-170

TEMPORARY SHORING LOCATION NO. **(B2-12)** ESTIMATED QUANTITY = 139 SF

-SR3- STA. 21+29±, 30.0' LT TO -SR3- STA. 21+63±, 30.0' LT
LENGTH = 34' AVERAGE HEIGHT = 4.1 FT MAXIMUM HEIGHT = 7.0 FT

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 STATION -SR3- 21+29±, 30 FT LT, TO STATION -SR3- 21+63±, 30 FT LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:
UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (ϕ) = 30 DEGREES
COHESION (C) = 0 PSF
GROUNDWATER ELEVATION = 162 FT±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -SR3- 21+29±, 30 FT LT, TO STATION -SR3- 21+63±, 30 FT LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -SR3- 21+29±, 30 FT LT, TO STATION -SR3- 21+63±, 30 FT LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

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THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEER. THE DOCUMENT WAS SUBMITTED TO STANTEC CONSULTING ON (FEB 10, 2022) AND SEALED BY A PROFESSIONAL ENGINEER, (JINYOUNG PARK, Ph.D., P.E.), LICENSE #032171.

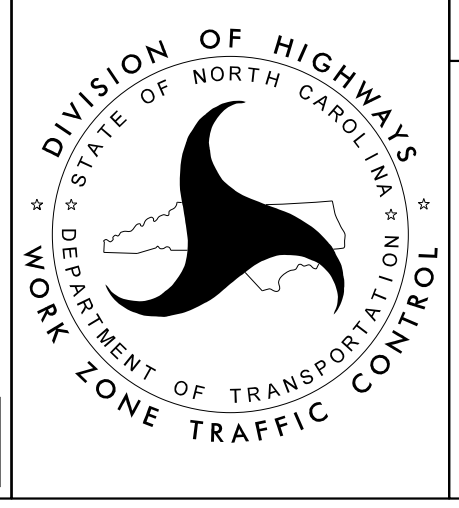


Stantec Consulting Services Inc.
801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. 919.851.6866
Fax. 919.851.7024
www.stantec.com
License No. F-0672



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SECTION 2

TEMPORARY SHORING NOTES
SECTION 2
LOCATIONS B2-07
THRU B2-12