

PROJ. REFERENCE NO.	SHEET NO.
I-5987B	TMP-2TS14

SEE SHEET TMP-226

TEMPORARY SHORING LOCATION NO. **(B2-37)** ESTIMATED QUANTITY = 1450 SF

-L- STA. 792+00±, 33.0' RT TO -L- STA. 797+00±, 33.0' RT
 LENGTH = 500' AVERAGE HEIGHT = 2.9 FT MAXIMUM HEIGHT = 4.9 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- 792+00±, 33 FT RT, TO STATION -L- 797+00±, 33 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 = 148 FT±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 792+00±, 33 FT RT, TO STATION -L- 797+00±, 33 FT RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 792+00±, 33 FT RT, TO STATION -L- 797+00±, 33 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

SEE SHEETS TMP-227, 228

TEMPORARY SHORING LOCATION NO. **(B2-38)** ESTIMATED QUANTITY = 2646 SF

-L- STA. 808+60±, 33.0' RT TO -L- STA. 814+00±, 33.0' RT
 LENGTH = 540' AVERAGE HEIGHT = 4.9 FT MAXIMUM HEIGHT = 5.6 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- 808+60±, 33 FT RT, TO STATION -L- 814+00±, 33 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 = 147 FT±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 808+60±, 33 FT RT, TO STATION -L- 814+00±, 33 FT RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 808+60±, 33 FT RT, TO STATION -L- 814+00±, 33 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

SEE SHEET TMP-235

TEMPORARY SHORING LOCATION NO. **(B2-39)** ESTIMATED QUANTITY = 1019 SF

-L- STA. 901+85±, 33.0' RT TO -L- STA. 902+83±, 33.0' RT
 LENGTH = 98' AVERAGE HEIGHT = 10.4 FT MAXIMUM HEIGHT = 14.7 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- 901+85±, 33 FT RT, TO STATION -L- 902+83±, 33 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 = 160 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 901+85±, 33 FT RT, TO STATION -L- 902+83±, 33 FT RT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 901+85±, 33 FT RT, TO STATION -L- 902+83±, 33 FT RT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

SEE SHEET TMP-235

TEMPORARY SHORING LOCATION NO. **(B2-40)** ESTIMATED QUANTITY = 794 SF

-L- STA. 901+85±, 38.0' RT TO -L- STA. 902+83±, 38.0' RT
 LENGTH = 98' AVERAGE HEIGHT = 8.1 FT MAXIMUM HEIGHT = 15.0 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- 901+85±, 38 FT RT, TO STATION -L- 902+83±, 38 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 = 160 FT±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 901+85±, 38 FT RT, TO STATION -L- 902+83±, 38 FT RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 901+85±, 38 FT RT, TO STATION -L- 902+83±, 38 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

SEE SHEET TMP-258

TEMPORARY SHORING LOCATION NO. **(B2-41)** ESTIMATED QUANTITY = 1019 SF

-L- STA. 901+85±, 3.0' LT TO -L- STA. 902+83±, 3.0' LT
 LENGTH = 98' AVERAGE HEIGHT = 10.4 FT MAXIMUM HEIGHT = 14.7 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- 901+85±, 3 FT LT, TO STATION -L- 902+83±, 3 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 = 159 FT±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 901+85±, 3 FT LT, TO STATION -L- 902+83±, 3 FT LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 901+85±, 3 FT LT, TO STATION -L- 902+83±, 3 FT LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

SEE SHEET TMP-258

TEMPORARY SHORING LOCATION NO. **(B2-42)** ESTIMATED QUANTITY = 794 SF

-L- STA. 901+85±, 8.0' LT TO -L- STA. 902+83±, 8.0' LT
 LENGTH = 98' AVERAGE HEIGHT = 8.1 FT MAXIMUM HEIGHT = 15.0 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- 901+85±, 8 FT LT, TO STATION -L- 902+83±, 8 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 = 159 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 901+85±, 8 FT LT, TO STATION -L- 902+83±, 8 FT LT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 901+85±, 8 FT LT, TO STATION -L- 902+83±, 8 FT LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

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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.

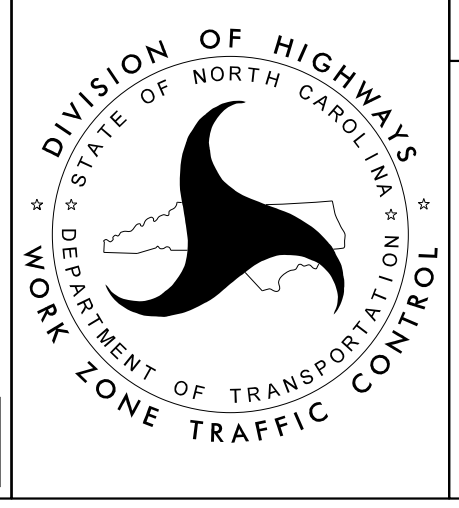


Stantec Consulting Services Inc.
 801 Jones Franklin Road
 Suite 300
 Raleigh, NC 27606
 Tel. 919.851.6866
 Fax. 919.851.7024
 www.stantec.com
 License No. F-0672



4/29/2022

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 UNLESS ALL SIGNATURES COMPLETED**



SECTION 2

TEMPORARY SHORING NOTES
 SECTION 2
 LOCATIONS B2-37
 THRU B2-42