

TEMPORARY SHORING DATA

SHORING LOCATION 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 STATION -L- 18+40 ±, 27 FT RT, TO
STATION -L- 19+22 ±, 27 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 = 12 FT ±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR
TEMPORARY SHORING FROM -L- 18+40 ±, 27 FT RT, TO STATION -L-
19+22 ±, 27 FT RT.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL
FOR TEMPORARY SHORING FROM -L- 18+40 ±, 27 FT RT, TO STATION -L-
19+22 ±, 27 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02
FOR STANDARD TEMPORARY WALLS.

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

SHORING LOCATION 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 STATION -L- 20+54 ±, 27 FT RT, TO
STATION -L- 21+42 ±, 27 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 = 12 FT ±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR
TEMPORARY SHORING FROM -L- 20+54 ±, 27 FT RT, TO STATION -L-
21+42 ±, 27 FT RT.

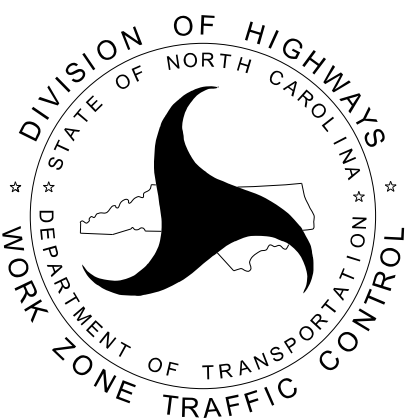
AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL
FOR TEMPORARY SHORING FROM -L- 20+54 ±, 27 FT RT, TO STATION -L-
21+42 ±, 27 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02
FOR STANDARD TEMPORARY WALLS.

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

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED
THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEERING
UNIT. THE DOCUMENT WAS SUBMITTED TO THE WZTC SECTION ON APRIL 24, 2025
AND SEALED BY A PROFESSIONAL ENGINEER, ANDREW DRDA, LICENSE # 060350.



APPROVED: _____
DATE: _____
SEAL
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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