

7 TEMPORARY SHORING LOCATION No. 7

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIOR BENT CONSTRUCTION FROM STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+14.6+/- -Y4-, 5.8' LT.

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 STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+14.6+/- -Y4-, 5.8' LT 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 = 865 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+14.6+/- -Y4-, 5.8' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+14.6+/- -Y4-, 5.8' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

8 TEMPORARY SHORING LOCATION No. 8

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIOR BENT CONSTRUCTION FROM STA 65+49.3+/- -Y4-, 61.8' LT TO STA 66+05.8+/- -Y4-, 61.8' LT.

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 STA 65+49.3+/- -Y4-, 61.8' LT TO STA 66+05.8+/- -Y4-, 61.8' LT 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 = 865 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STA 65+49.3+/- -Y4-, 61.8' LT TO STA 66+05.8+/- -Y4-, 61.8' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STA 65+55.5+/- -Y4-, 5.8' LT TO STA 66+14.6+/- -Y4-, 5.8' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

9 TEMPORARY SHORING LOCATION No. 9

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIOR BENT CONSTRUCTION FROM STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+55.5+/- -Y4-, 5.8' RT.

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 STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+55.5+/- -Y4-, 5.8' RT 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 = 865 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+55.5+/- -Y4-, 5.8' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+55.5+/- -Y4-, 5.8' RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

10 TEMPORARY SHORING LOCATION No. 10

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIOR BENT CONSTRUCTION FROM STA 66+14.6+/- -Y4-, 5.8' LT TO STA 66+55.5+/- -Y4-, 5.8' LT.

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 STA 66+14.6+/- -Y4-, 5.8' LT TO STA 66+55.5+/- -Y4-, 5.8' LT 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 = 865 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' LT TO STA 66+55.5+/- -Y4-, 5.8' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' LT TO STA 66+55.5+/- -Y4-, 5.8' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

11 TEMPORARY SHORING LOCATION No. 11

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIOR BENT CONSTRUCTION FROM STA 66+05.8+/- -Y4-, 61.8' LT TO STA 66+43.3+/- -Y4-, 61.8' LT.

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 STA 66+05.8+/- -Y4-, 61.8' LT TO STA 66+43.3+/- -Y4-, 61.8' LT 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 = 865 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STA 66+05.8+/- -Y4-, 61.8' LT TO STA 66+43.3+/- -Y4-, 61.8' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STA 66+05.8+/- -Y4-, 61.8' LT TO STA 66+43.3+/- -Y4-, 61.8' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

12 TEMPORARY SHORING LOCATION No. 12

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

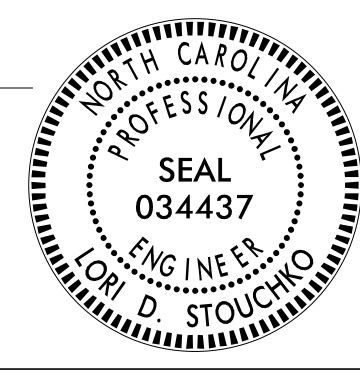
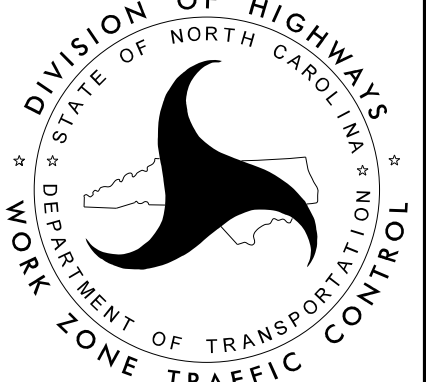
TEMPORARY SHORING IS REQUIRED FOR THE ROADWAY CONSTRUCTION FROM STA 10+50+/- -Y1A-, 7' RT TO STA 12+70+/- -Y1A-, 7' RT.

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 STA 10+50+/- -Y1A-, 7' RT TO STA 12+70+/- -Y1A-, 7' RT 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 = 865 FT

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STA 10+50+/- -Y1A-, 7' RT TO STA 12+70+/- -Y1A-, 7' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD 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 MARCH 9, 2023 AND SEALED BY A PROFESSIONAL ENGINEER, SHIPING YANG, Ph.D., P.E. LICENSE # 031361.

<p>APPROVED: <i>Lori D. Stouchko</i> FF588C7586C845A</p> <p>DATE: _____</p> 		<p>TEMPORARY SHORING NOTES</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		