

SHORING LOCATION NO.	FROM STATION AND OFFSET	TO STATION AND OFFSET	ESTIMATED AVERAGE HEIGHT	ESTIMATED MAXIMUM HEIGHT	SHORING LOCATION TYPE
NO. 1	STA. 22+15+/- -L- 12 FT. LT.	STA. 22+44+/- -L- 12 FT. LT.	4.0 FT.	6.5 FT.	STRUCTURE
NO. 2	STA. 22+15+/- -L- 3 FT. LT.	STA. 22+44+/- -L- 3 FT. LT.	4.0 FT.	6.5 FT.	STRUCTURE
NO. 3	STA. 25+16+/- -L- 12 FT. LT.	STA. 25+47+/- -L- 12 FT. LT.	4.0 FT.	6.5 FT.	STRUCTURE
NO. 4	STA. 25+16+/- -L- 3 FT. LT.	STA. 25+47+/- -L- 3 FT. LT.	4.0 FT.	6.5 FT.	STRUCTURE
NO. 5	STA. 15+00+/- -L- 6.5 FT. RT.	STA. 20+00+/- -L- 6.5 FT. RT.	13.5 FT.	21.5 FT.	ROADWAY

### TEMPORARY SHORING NOTES

#### 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 22+15 -L-, 12' LT, TO STATION 22+44 -L-, 12' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 120 PCF  
 FRICTION ANGLE ( $\phi$ ) = 30 DEGREES  
 COHESION ( $c$ ) = 0 PSF  
 GROUNDWATER ELEVATION = 2,660 FT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 22+15 -L-, 12' LT, TO STATION 22+44-L-, 12' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 22+15 -L-, 12' LT, TO STATION 22+44-L-, 12' LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

#### 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 22+15 -L-, 3' LT, TO STATION 22+44 -L-, 3' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 120 PCF  
 FRICTION ANGLE ( $\phi$ ) = 30 DEGREES  
 COHESION ( $c$ ) = 0 PSF  
 GROUNDWATER ELEVATION = 2,660 FT

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 22+15 -L-, 3' LT, TO STATION 22+44 -L-, 3' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

#### SHORING LOCATION NO.3

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 25+16 -L-, 12' LT, TO STATION 25+47 -L-, 12' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 120 PCF  
 FRICTION ANGLE ( $\phi$ ) = 30 DEGREES  
 COHESION ( $c$ ) = 0 PSF  
 GROUNDWATER ELEVATION = 2,660 FT

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 25+16 -L-, 12' LT, TO STATION 25+47 -L-, 12' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 25+16 -L-, 12' LT, TO STATION 25+47 -L-, 12' LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

#### SHORING LOCATION NO.4

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 25+16 -L-, 3' LT, TO STATION 25+47 -L-, 3' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 120 PCF  
 FRICTION ANGLE ( $\phi$ ) = 30 DEGREES  
 COHESION ( $c$ ) = 0 PSF  
 GROUNDWATER ELEVATION = 2,660 FT

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 25+16 -L-, 3' LT, TO STATION 25+47 -L-, 3' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

#### SHORING LOCATION NO.5

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

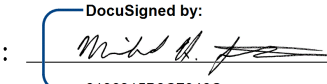
BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION 15+00 -L-, 6.5' RT, TO STATION 20+00 -L-, 6.5' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 120 PCF  
 FRICTION ANGLE ( $\phi$ ) = 30 DEGREES  
 COHESION ( $c$ ) = 0 PSF  
 GROUNDWATER ELEVATION = 2,660 FT

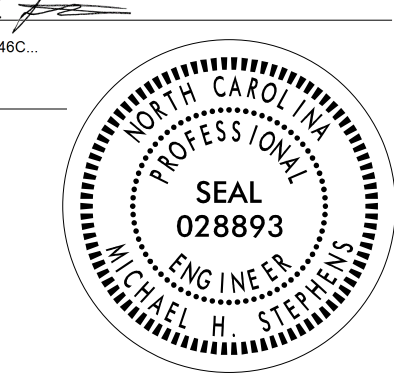
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IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 15+00 -L-, 6.5' RT, TO STATION 20+00 -L-, 6.5' RT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

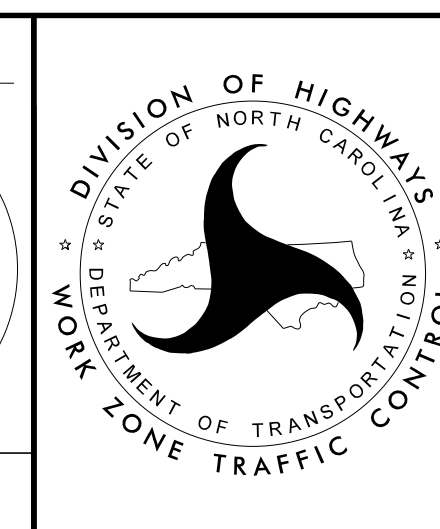
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TEMPORARY SHORING NOTES