

SHORING NOTES

TEMPORARY SHORING NO. 2, 6, 11, 14, 16 AND 20

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 NO. 2, 6, 11, 14, 16 AND 20 FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

SHORING NO.	UNIT WEIGHT (γ) (LB/CF)	FRICTION ANGLE (φ) (DEGREES)	COHESION (c) (LB/SF)	GROUNDWATER ELEVATION (FT)
2	120	30	0	40.0
6	120	30	0	41.0
11	120	30	0	40.0
14	120	30	0	39.0
16	120	30	0	26.0
20	120	30	0	14.0

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING NO. 2, 6, 11, 14, 16 AND 20

TEMPORARY SHORING NO. 1, 3 THRU 5, 7 THRU 9, 12, 13, 15, 17 THRU 19, 21, 51 AND 52

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.


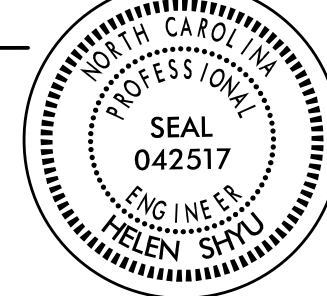

DESIGN TEMPORARY SHORING NO. 1, 3 THRU 5, 7 THRU 9, 12, 13, 15, 17 THRU 19, 21, 51 AND 52 FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

SHORING NO.(γ)	UNIT WEIGHT (LB/CF)	FRICTION ANGLE (φ) (DEGREES)	COHESION (c) (LB/SF)	GROUNDWATER ELEVATION (FT)
1	120	30	0	40.0
3	120	30	0	40.0
4	120	30	0	40.0
5	120	30	0	41.0
7	120	30	0	41.0
8	120	30	0	42.0
9	120	30	0	45.0
12	120	30	0	40.0
13	120	30	0	32.0
15	120	30	0	39.0
17	120	30	0	26.0
18	120	30	0	5.0
19	120	30	0	3.5
21	120	30	0	14.0
51	120	30	0	41.0
52	120	30	0	43.0

DO NOT USE CANTILEVER, BRACED OR ANCHORED SHORING FOR TEMPORARY SHORING NO. 1, 3 THRU 5, 7 THRU 9, 12, 13, 15, 17 THRU 19, 21, 51 AND 52.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM TEMPORARY SHORING NO. 1, 3 THRU 5, 7 THRU 9, 12, 13, 15, 17 THRU 19, 21, 51 AND 52. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH SEALED DOCUMENTS FROM THE GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENTS WERE SUBMITTED TO DIVISION 3 ON OCTOBER 25, 2018 BY PROFESSIONAL ENGINEER THEIN TUN ZAN, P.E. LICENSE #030943

APPROVED:  DATE: 2/6/2019 SEAL		 <p>TRANSPORTATION MANAGEMENT PLAN</p> <p>TEMPORARY SHORING DATA</p> <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>
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