(7) TEMPORARY SHORING LOCATION No. 7 FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMP SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIO CONSTRUCTION FROM STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+14.6+/-LT. BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTR SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF S LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS. DESIGN TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' RT 66+14.6+/- -Y4-, 5.8' LT FOR THE FOLLOWING ASSUMED SOIL PARAMET GROUNDWATER ELEVATION: UNIT WEIGHT (γ) = 120 LB/CF FRICTION ANGLE (ϕ) = 30 DEGREES COHESION (c) = 0 LB/SFGROUNDWATER ELEVATION = 865 FT DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FR 66+14.6+/- -Y4-, 5.8' RT TO STA 66+14.6+/- -Y4-, 5.8' LT. AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHOR TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' RT TO STA 66+14. 5.8' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEM SHORING. **TEMPORARY SHORING LOCATION No. 10** (10) FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMP SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIO CONSTRUCTION FROM STA 66+14.6+/- -Y4-, 5.8' LT TO STA 66+55.5+/-LT. BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTR SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF S LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS. DESIGN TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' LT 66+55.5+/- -Y4-, 5.8' LT FOR THE FOLLOWING ASSUMED SOIL PARAMETI **GROUNDWATER ELEVATION:** UNIT WEIGHT $(\gamma) = 120 \text{ LB/CF}$ FRICTION ANGLE (ϕ) = 30 DEGREES COHESION (c) = 0 LB/SFGROUNDWATER ELEVATION = 865 FT DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM 66+14.6+/- -Y4-, 5.8' LT TO STA 66+55.5+/- -Y4-, 5.8' LT. AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORI TEMPORARY SHORING FROM STA 66+14.6+/- -Y4-, 5.8' LT TO STA 66+55. 5.8' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING. 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.

| PORARY | FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. | FOR TEMPORAR SHORING, SEE PI |
|------------------------------|---|---|
| PR BENT -Y4-, 5.8' | 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. | TEMPORARY SH CONSTRUCTION RT. |
| RUCTION, SHORING | BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS. | BEFORE BEGIN SURVEY EXISTI LOCATIONS TO I |
| TO STA ERS AND | 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 | DESIGN TEMPO 66+55.5+/Y4-, 5. GROUNDWATER UNIT FRIC COHE GROU |
| OM STA | 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. | DO NOT USE A 66+14.6+/Y4-, 5. |
| ING FOR 6+/Y4-, PORARY | 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. | AT THE CONTRA TEMPORARY SHO 5.8' RT. SEE ST SHORING. |
| | 11 TEMPORARY SHORING LOCATION No. 11 | 12 TEMPORARY SHO |
| PORARY | FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. | FOR TEMPORAR SHORING, SEE PI |
| PR BENT -Y4-, 5.8' | 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. | TEMPORARY SH FROM STA 10+50 |
| LUCTION, SHORING | BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS | BEFORE BEGINI SURVEY EXISTI LOCATIONS TO I |
| TO STA ERS AND | 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 | DESIGN TEMPOR -Y1A-, 7' RT F GROUNDWATER UNIT FRICT COHI GROU |
| OM STA | 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 CONTRATE TEMPORARY SHO RT. SEE GEOTE TEMPORARY WA |
| ING FOR 5+/Y4-, PORARY | 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 | |

8] TEMPORARY SHORING LOCATION No. 8

SHORING.

APPROVED: Lori D. Stonchko -FF586C7596C645A DATE: DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED**

| | | PROJ. REFERENCE NO. SHEET NO | | sheet no. TMP - 2B | | | | |
|------|--|------------------------------|-----------------------|---|---|--|--|--|
| | | PLANS F | PREPARE | D FOR | THE NCDOT BY: | | | |
| | | Μ | M | MOTT MACI 1101 HAYNE: RALEIGH, NG | DONALD I & E, LLC S STREET, SUITE 101 C 27604 | | | |
| | | MOTT MACDON | | NC LICE | NSE NO. F-0669 | | | |
| 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 INTER CONSTRUCTION FROM STA 66+14.6+/Y4-, 5.8' RT TO STA 66+55.5- RT. | RIOR +/Y4 | BENT -, 5.8' | | | | | |
| | BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONS SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS. | STRUC F SHO | TION, RING | | | | | |
| | DESIGN TEMPORARY SHORING FROM STA 66+14.6+/Y4-, 5.8' I 66+55.5+/Y4-, 5.8' RT FOR THE FOLLOWING ASSUMED SOIL PARAM GROUNDWATER ELEVATION: UNIT WEIGHT (γ) = 120 LB/CF FRICTION ANGLE (ϕ) = 30 DEGREES COHESION (c) = 0 LB/SF GROUNDWATER ELEVATION = 865 FT | RT TO ETERS | STA AND | | | | | |
| | DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING 66+14.6+/Y4-, 5.8' RT TO STA 66+55.5+/Y4-, 5.8' RT. | FROM | STA | | | | | |
| | AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SH TEMPORARY SHORING FROM STA 66+14.6+/Y4-, 5.8' RT TO STA 66+ 5.8' RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD T SHORING. | ORING -55.5+/- EMPOI | FOR Y4-, RARY | | | | | |
| (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 CONFROM STA 10+50+/Y1A-, 7' RT TO STA 12+70+/Y1A-, 7' RT. | STRUC | TION | | | | | |
| | BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONS SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS. | STRUC' F SHO | TION, RING | | | | | |
| | DESIGN TEMPORARY SHORING FROM STA 10+50+/Y1A-, 7' RT TO S -Y1A-, 7' RT FOR THE FOLLOWING ASSUMED SOIL PARAME GROUNDWATER ELEVATION: UNIT WEIGHT (γ) = 120 LB/CF FRICTION ANGLE (ϕ) = 30 DEGREES COHESION (c) = 0 LB/SF GROUNDWATER ELEVATION = 865 FT | STA 12- CTERS | +70+/- AND | | | | | |
| | AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY TEMPORARY SHORING FROM STA 10+50+/Y1A-, 7' RT TO STA 12+70 RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR TEMPORARY WALLS. | WALL)+/Y1 Stani | FOR A-, 7' DARD | | | | | |
| | | | | | | | | |
| VED: | -DocuSigned by: Lovi D. Stouchko -FF586C7596C645A -FF586C7596C645A -FF586C7596C645A -FF586C7596C645A -FF586C7596C645A -FF586C7596C645A | | | | | | | |
| | SEAL 034437 0, CAREFIC 0, C | RY S | SHOR | ING | NOTES | | | |