



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Michael Baker
INTERNATIONAL

SEE SHEET TMP-4A

TEMPORARY SHORING LOCATION NO. 1-1 ESTIMATED QUANTITY = 1163.38 SF

-SR9- STA. 74+25, 14.0' RT TO -SR9- STA. 79+60, 14.0' RT
LENGTH=535' AVERAGE HEIGHT = 2.17 FT MAXIMUM HEIGHT = 2.75 FT

SHORING LOCATION NO. 1-1

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 -SR9- 74+25 ±, 14 FT RIGHT, TO STATION -SR9- 79+60 ±, 14 FT RIGHT, 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 = 193 FT

DO NOT USE CANTILEVER, BRACED OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -SR9- 74+25 ±, 14 FT RIGHT, TO STATION -SR9- 79+60 ±, 14 FT RIGHT.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -SR9- 74+25 ±, 14 FT RIGHT, TO STATION -SR9- 79+60 ±, 14 FT RIGHT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02, FOR STANDARD TEMPORARY WALLS.

SEE SHEET TMP-4C

TEMPORARY SHORING LOCATION NO. 1-3 ESTIMATED QUANTITY = 585.82 SF

-L- STA. 970+92, 13.5' LT TO -L- STA. 971+90, 13.5' LT
LENGTH=97.61' AVERAGE HEIGHT = 6.27 FT MAXIMUM HEIGHT = 6.82 FT

SHORING LOCATION NO. 1-3

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 -L- 970+92 ±, 13.5 FT LEFT, TO STATION -L- 971+90 ±, 13.5 FT LEFT, 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 = 183 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 970+92 ±, 13.5 FT LEFT, TO STATION -L- 971+90 ±, 13.5 FT LEFT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING, GEOTECHNICAL STANDARD DETAIL NO. 1801.01, FOR TEMPORARY SHORING FROM STATION -L- 970+92 ±, 13.5 FT LEFT, TO STATION -L- 971+90 ±, 13.5 FT LEFT.

SEE SHEET TMP-4C

TEMPORARY SHORING LOCATION NO. 1-2 ESTIMATED QUANTITY = 585.82 SF

-L- STA. 970+92, 13.5' RT TO -L- STA. 971+90, 13.5' RT
LENGTH=97.61' AVERAGE HEIGHT = 6.27 FT MAXIMUM HEIGHT = 6.82 FT

SHORING LOCATION NO. 1-2

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- 970+92 ±, 13.5 FT RIGHT, TO STATION -L- 971+90 ±, 13.5 FT RIGHT, 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 = 183 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 970+92 ±, 13.5 FT RIGHT, TO STATION -L- 971+90 ±, 13.5 FT RIGHT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING, GEOTECHNICAL STANDARD DETAIL NO. 1801.01, FOR TEMPORARY SHORING FROM STATION -L- 970+92 ±, 13.5 FT RIGHT, TO STATION -L- 971+90 ±, 13.5 FT RIGHT.

SEE SHEET TMP-4E

TEMPORARY SHORING LOCATION NO. 1-4 ESTIMATED QUANTITY = 378.0 SF

-LREV- STA. 1002+00, 21' LT TO -LREV- STA. 1002+35, 21' LT
LENGTH=35.0' AVERAGE HEIGHT = 10.8 FT MAXIMUM HEIGHT = 14.5 FT

SHORING LOCATION NO. 1-4

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 -LREV- 1002+00 ±, 21 FT LEFT TO STATION -LREV- 1002+35 ±, 21 FT LEFT, 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 = 187.5 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -LREV- 1002+00 ±, 21 FT LEFT TO STATION -LREV- 1002+35 ±, 21 FT LEFT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -LREV- 1002+00 ±, 21 FT LEFT TO STATION -LREV- 1002+35 ±, 21 FT LEFT FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEER. THE DOCUMENT WAS SUBMITTED TO THE WZTC SECTION MICHAEL BAKER INTERNATIONAL ON SEPTEMBER 4, 2020 AND SEALED BY A PROFESSIONAL ENGINEER, STACIE E. MITCHELL, LICENSE #032125.

AREA 1

TEMPORARY SHORING
NOTES/LOCATIONS

4/2/2021 R:\Trat\ffc\Transportation Management\PLAN SHEETS\I-5986B TMP_02G AI-H TEMPORARY SHORING NOTES LOCATIONS.dgn Caroline.Owings