



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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SEE SHEET TMP-19B

TEMPORARY SHORING LOCATION NO. **2-5** ESTIMATED QUANTITY = 828 SF

-L- STA. 1219+91, 36.0' LT TO -L- STA. 1220+74, 36.0' LT
LENGTH=83' AVERAGE HEIGHT = 11.79 FT MAXIMUM HEIGHT = 15.34 FT

SHORING LOCATION NO. 2-5

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 -L- 1219+91 ±, 36 FT LEFT, TO STATION -L- 1220+74 ±, 36 FT LEFT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (φ) = 28 DEGREES
COHESION (c) = 0 PSF
GROUNDWATER ELEVATION = 228 FT

DO NOT USE CANTILEVER, BRACED OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 1219+91 ±, 36 FT LEFT, TO STATION -L- 1220+74 ±, 36 FT LEFT.

SEE SHEET TMP-19E

TEMPORARY SHORING LOCATION NO. **2-7** ESTIMATED QUANTITY = 4754 SF

-L- STA. 1258+74, 36.0' LT TO -L- STA. 1261+94, 36.0' LT
LENGTH=320' AVERAGE HEIGHT = 15.43 FT MAXIMUM HEIGHT = 16.50 FT

SHORING LOCATION NO. 2-7

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- 1258+74 ±, 36 FT LEFT, TO STATION -L- 1261+94 ±, 36 FT LEFT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (φ) = 26 DEGREES
COHESION (c) = 0 PSF
GROUNDWATER ELEVATION = 190 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 1258+74 ±, 36 FT LEFT, TO STATION -L- 1261+94 ±, 36 FT LEFT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 1258+74 ±, 36 FT LEFT, TO STATION -L- 1261+94 ±, 36 FT LEFT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

SEE SHEET TMP-19B

TEMPORARY SHORING LOCATION NO. **2-6** ESTIMATED QUANTITY = 828 SF

-L- STA. 1219+91, 28.0' LT TO -L- STA. 1220+74, 28.0' LT
LENGTH=83' AVERAGE HEIGHT = 11.79 FT MAXIMUM HEIGHT = 15.34 FT

SHORING LOCATION NO. 2-6

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- 1219+91 ±, 28 FT LEFT, TO STATION -L- 1220+74 ±, 28 FT LEFT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (φ) = 28 DEGREES
COHESION (c) = 0 PSF
GROUNDWATER ELEVATION = 228 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 1219+91 ±, 28 FT LEFT, TO STATION -L- 1220+74 ±, 28 FT LEFT.

SEE SHEET TMP-19E

TEMPORARY SHORING LOCATION NO. **2-8** ESTIMATED QUANTITY = 4754 SF

-L- STA. 1258+74, 36.0' RT TO -L- STA. 1261+94, 36.0' RT
LENGTH=320' AVERAGE HEIGHT = 15.43 FT MAXIMUM HEIGHT = 16.50 FT

SHORING LOCATION NO. 2-8

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- 1258+74 ±, 36 FT LEFT, TO STATION -L- 1261+94 ±, 36 FT RIGHT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 PCF
FRICTION ANGLE (φ) = 26 DEGREES
COHESION (c) = 0 PSF
GROUNDWATER ELEVATION = 190 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 1258+74 ±, 36 FT RIGHT, TO STATION -L- 1261+94 ±, 36 FT RIGHT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 1258+74 ±, 36 FT LEFT, TO STATION -L- 1261+94 ±, 36 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.

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TEMPORARY SHORING
NOTES/LOCATIONS

4/2/2021 R:\Traffic\Transportation Management\PLAN SHEETS\I-5986B TMP 02G5 A2-2 TEMPORARY SHORING NOTES LOCATIONS.dgn Caroline.Owings