## SHORING LOCATION NO. 1

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

TEMPORARY SHORING IS REQUIRED FOR THE REMOVAL OF EXISTING BENT FROM STATION 12+59  $\pm$ -Y-, 51' RT, TO STATION 13+09  $\pm$  -Y-, 51' RT.

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 12+59  $\pm$ -Y-, 51' RT, TO STATION 13+09  $\pm$ -Y-, 51' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION: UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF FRICTION ANGLE ( $\phi$ ) = 30 DEGREES COHESION (C) = 0 LB/SF GROUNDWATER ELEVATION = 755 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 12+59  $\pm$ -Y-, 51' RT, TO STATION 13+09  $\pm$ -Y-, 51' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION  $12+59 \pm -Y-$ , 51' RT, TO STATION  $13+09 \pm -Y-$ , 51' RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

## SHORING LOCATION NO. 3

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE INTERIOR BENT CONSTRUCTION FROM STATION 12+45  $\pm$ -Y-, 8' RT, TO STATION 12+95  $\pm$  -Y-, 8' RT.

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 12+45  $\pm$ -Y-, 8' RT, TO STATION 12+95  $\pm$ -Y-, 8' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION: UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF FRICTION ANGLE ( $\phi$ ) = 30 DEGREES COHESION (C) = 0 LB/SF GROUNDWATER ELEVATION = 760 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION  $12+45 \pm -Y-$ , 8' RT, TO STATION  $12+95 \pm -Y-$ , 8' RT.

AT THE CONTRACTOR\*S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 12+45 ±-Y-, 8' RT, TO STATION 12+95 ±-Y-, 8' RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

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FOR TEMPORARY SHORING AN SHORING, SEE PLANS AND

TEMPORARY SHORING IS REBENT FROM STATION 12+82 51' LT.

BEFORE BEGINNING TEMPOR SURVEY EXISTING GROUND LOCATIONS TO DETERMINE

DESIGN TEMPORARY SHORING TO STATION 12+32 ±-Y-SOIL PARAMETERS AND GRO UNIT WEIGHT (7 FRICTION ANGLE COHESION (C) = GROUNDWATER EL

DO NOT USE A TEMPORARY STATION 12+82 ±-Y-, 51'

AT THE CONTRACTOR'S OPTI TEMPORARY SHORING FROM 12+32 ±-Y-, 51' LT. SEE STANDARD TEMPORARY SHOR

## SHORING LOCATION NO. 4

FOR TEMPORARY SHORING SHORING, SEE PLANS AND

TEMPORARY SHORING IS F CONSTRUCTION FROM STAT ±-Y-, 8' LT.

BEFORE BEGINNING TEMPO SURVEY EXISTING GROUND LOCATIONS TO DETERMINE

DESIGN TEMPORARY SHORI STATION 12+45 ±-Y-, 8' PARAMETERS AND GROUNDW UNIT WEIGHT ( FRICTION ANGL COHESION (C) GROUNDWATER E

DO NOT USE A TEMPORARY STATION 12+95 ±-Y-, 8'

AT THE CONTRACTOR'S OP TEMPORARY SHORING FROM 12+45 ±-Y-, 8' LT. SEE STANDARD TEMPORARY SHO

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DATE:	05/11/2022	OFESSION
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EQUIRED FOR THE REMOVAL OF EXISTING 2 ±-Y-, 51' LT, TO STATION 12+32 ±-Y-,		
RARY SHORING DESIGN OR CONSTRUCTION, ELEVATIONS IN THE VICINITY OF SHORING ACTUAL SHORING HEIGHTS.		
NG FROM STATION 12+82 ±-Y-, 51' LT, -, 51' LT, FOR THE FOLLOWING ASSUMED OUNDWATER ELEVATION: ♥) = 120 LB/CF		
E ( $\phi$ ) = 30 DEGREES = 0 LB/SF LEVATION = 755 FT		
WALL FOR TEMPORARY SHORING FROM 'LT, TO STATION 12+32 ±-Y-, 51'LT.		
TION, USE STANDARD TEMPORARY SHORING FOR STATION 12+82 ±-Y-, 51' LT, TO STATION E STANDARD DETAIL NO. 1801.01 FOR RING.		
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Y WALL FOR TEMPORARY SHORING FROM ' LT, TO STATION 12+45 ±-Y-, 8' LT.		
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