

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 BRIDGE END BENT CONSTRUCTION FROM STATION 15+00+/- -L- 32 FT. LT, TO STATION 15+30+/- -L- 32 FT. LT.

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 15+00+/- -L- 32 FT. LT, TO STATION 15+30+/- -L- 32 FT. 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 = 1370 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 15+00+/- -L- 32 FT. LT, TO STATION 15+30+/- -L- 32 FT. LT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 15+00+/- -L- 32 FT. LT, TO STATION 15+30+/- -L- 32 FT. LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

SHORING LOCATION NO. 2

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE END BENT CONSTRUCTION FROM STATION 17+30+/- -L- 32 FT. LT, TO STATION 17+60+/- -L- 32 FT. LT.

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 17+30+/- -L- 32 FT. LT, TO STATION 17+60+/- -L- 32 FT. 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 = 1370 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 17+30+/- -L- 32 FT. LT, TO STATION 17+60+/- -L- 32 FT. LT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 17+30+/- -L- 32 FT. LT, TO STATION 17+60+/- -L- 32 FT. LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

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| <p>APPROVED:  DATE: 01/11/2022</p>  <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> |  | <p>TEMPORARY SHORING DATA</p> |
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