

ELEVATION OF DRILLED SHAFTS AND ROCK SOCKETS

- * Pay Items Rock Socket (' - " diameter)
- ** Pay Items Drilled Shaft (' - " diameter)

Substructure Quantity Table for Bent No.	
Item	Quantity
Class 1 Excavation	cu. yard
Class 2 Excavation	cu. yard
Drilled Shafts (X ft. X in. Diameter)	linear foot
Rock Sockets (X ft. X in. Diameter)	linear foot
Supplementary Television Camera Inspection	each
Foundation Inspection Holes	linear foot
Sonic Logging Testing	each
Class B Concrete (Substructure)	cu. yard
Reinforcing Steel (Bridges)	pounds

These quantities are included in the estimated quantities table on sheet no. .

Note: This drawing is not to scale. Follow dimensions.

Standard Drawing Guidance (do not show on plans):

Single diameter reinforcing cage is typically used. Modify drawing based on design for single or multiple-diameter cages and splice location(s).

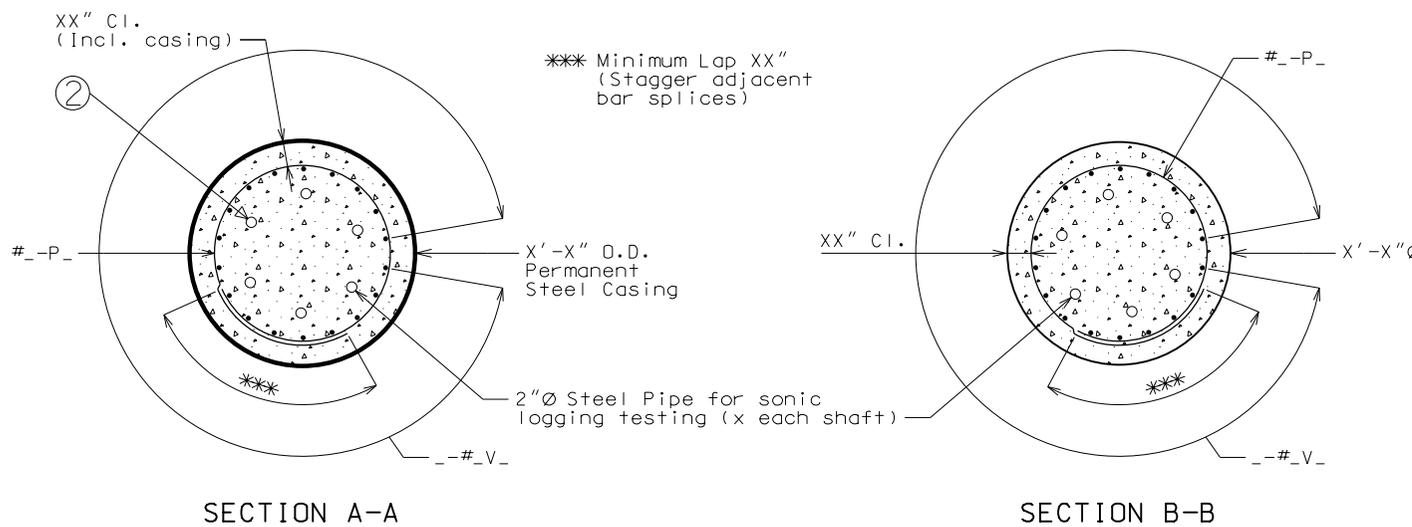
Check with Structural Project Manager to determine if permanent, temporary or no steel casing is recommended by Geotechnical Section.

- ① Bridge Structure information will vary per project.
- ② Number of pipes (equally spaced) for sonic logging test.

	Diameter ≤ 2.5 ft (750 mm)	2 pipes
2.5 ft (750 mm) <	Diameter ≤ 3.5 ft (1050 mm)	3 pipes
3.5 ft (1050 mm) <	Diameter ≤ 5.0 ft (1500 mm)	4 pipes
5.0 ft (1500 mm) <	Diameter ≤ 8.0 ft (2400 mm)	6 pipes
8.0 ft (2400 mm) <	Diameter	8 pipes

- ③ Specify casing thickness only when required per EPG 751.37.1.3.

Assume 3/8" casing unless otherwise specified in note for determining P-bar diameter for barbill.



Notes:

An additional 4 feet has been added to V-bar lengths and an additional #-P-bars have been added in the quantities, if required, for possible change in drilled shaft or rock socket lengths. The additional V-bar length shall be cut off or included in the reinforcement lap if not required. The additional P-bars shall be spaced similarly to that shown in elevation, if required, or to a lesser spacing if not required, but not less than 6" cts.

Sonic logging testing shall be performed on all drilled shafts and rock sockets.

Permanent steel casing shall be XX" (minimum) and in accordance with Sec 701.

③

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE PREPARED: 2/3/2017

ROUTE: * STATE: MO

DISTRICT: BR SHEET NO. *

COUNTY: *

JOB NO. *

CONTRACT ID. *

PROJECT NO. *

BRIDGE NO. DSS 01

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.