

ELEVATION OF DRILLED SHAFTS AND ROCK SOCKETS

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

Substructure Quantity Table for Bent No.		Quantity
Item		
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. .

Standard Drawing Guidance (do not show on plans):

Concrete coring is not required. May be used in special cases where more detailed integrity testing is needed.

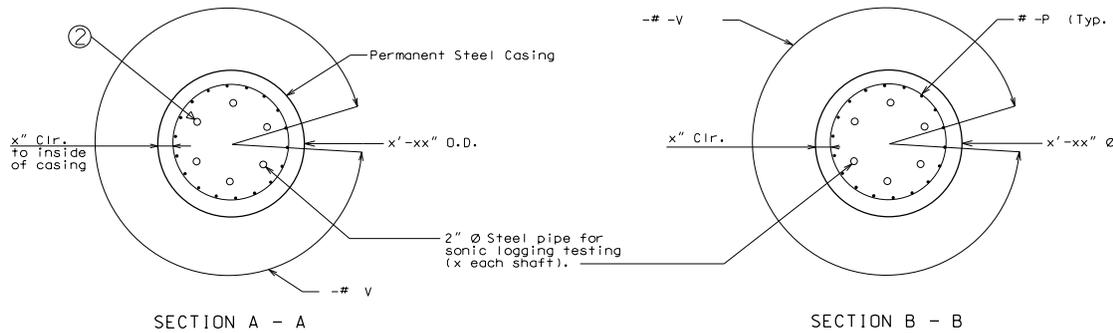
Single diameter reinforcing cage is typically used. Modify drawing based on design for single or multiple-diameter cages and splice location(s).

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

2.5 ft (750 mm) < Diameter	<= 2.5 ft (750 mm)	2 pipes
3.5 ft (1050 mm) < Diameter	<= 3.5 ft (1050 mm)	3 pipes
5.0 ft (1500 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



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.

Thickness of permanent steel casing shall be as shown on the plans and in accordance with Sec 701.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED	4/10/2012
ROUTE	* MO
DISTRICT	BR
SHEET NO.	*
COUNTY	*
JOB NO.	*
CONTRACT ID.	*
PROJECT NO.	*
BRIDGE NO.	DLS 01

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MODOT

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.