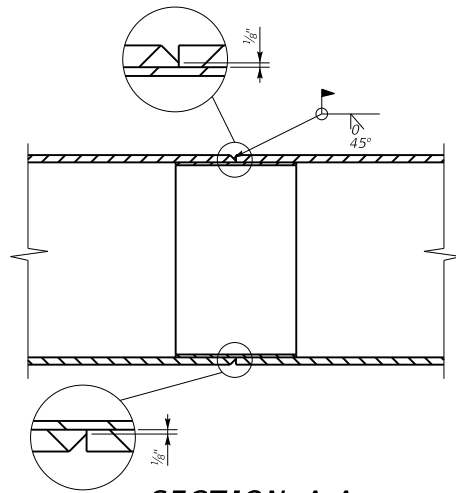
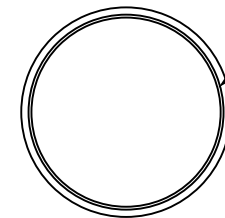


Inside Fit, Snub Nose Conical Point or Open Ended, Outside Fit Cutting Shoe. See Plans for Pile Point Type Required.

Note: Bevel pile extension on 1:1 bevel as shown and employ conventional butt weld.



SECTION A-A



Back-up ring or sleeve must be a tight enough fit to ensure the pile extension does not move relative to the driven pile. The ring or sleeve may be tack-welded to the driven pile.

SECTION B-B

GENERAL NOTES

SPECIFICATIONS: Kentucky Department of Highways Standard Specifications for Road and Bridge Construction, current edition.

PIPE PILE MATERIAL: The steel for the pipe piling shall conform to the requirements of ASTM A252, Grade 3 (minimum yield strength of 45 ksi), for welded or seamless steel pipe piles.

PIPE FILL: The pipe piles shall be filled with sand or gravel to the bottom of cap or footing elevation unless the plans specify the pipes to be filled with concrete. If the plans specify that the pipes shall be filled with concrete, fill pipes with Class A concrete at the same time the footing or pile cap is poured. The cost of this material and labor is incidental to the price per linear foot pipe pile 16".

PAINT: No paint shall be required on the steel pile shell.

PILE POINTS: Inside Fit, Snub Nose Conical Points and Open Ended, Outside Fit Cutting Shoes, with a minimum thickness of 1", shall conform to ASTM A148 or AASHTO M103 Grade 65/35 minimum. Pile points shall be attached using a minimum 3/16" fillet weld around the circumference.

SPLICES: Splices shall be welded as detailed on this sheet, employing the use of a back-up ring or sleeve to align the pile sections. When splicing is necessary, use a length that will reasonably assure that capacity will be attained without additional splicing.

FIELD WELDS: Ensure field welding material and workmanship for all piling conforms to the current Joint Specifications ANSI/AASHTO/AWS D1.5 Bridge Welding Code. Splice piles as indicated above only when driven below cut-off elevation.

PAYMENT: Payment for the piles in accordance with the plans and specifications will be made at the contract price per linear foot.

PIPE PILE THICKNESS: Contractor shall select wall thickness sufficient to withstand driving without injury and resist harmful distortion and/or buckling due to soil pressures after driving. Selected wall thickness shall not be less than that indicated above.

MILL TEST REPORTS: Furnish notarized mill test reports in triplicate to the Department showing that all materials furnished conform to the Specifications.

KENTUCKY DEPARTMENT OF HIGHWAYS		
PIPE PILE 16 INCH		
STANDARD DRAWING NO. BPS-012		
SUBMITTED	<i>B. J. Adams</i> DIRECTOR DIVISION OF STRUCTURAL DESIGN	02-26-20 DATE
APPROVED	<i>[Signature]</i> STATE REGISTERED ENGINEER	02-26-20 DATE