

METAL PIPE CULVERT

The following pipe fabricators currently have on file a letter of agreement with the Arkansas State Highway and Transportation Department to furnish fabricated pipe in accordance with applicable specifications.

Contech Const. Products Inc.	Greenville, MS (Plant) N. Little Rock, AR (Office/Distribution) Shakopee, MN (Plant-FES) Sikeston, MO (Plant) Sulfur Springs, TX (Plant) Taylor, TX (Plant) Topeka, KS (Plant) Walnut Ridge, AR (Plant)
Dub Ross Company	Oklahoma City, OK (Plant)
J & J Drainage Products Co.	Hutchinson, KS (Plant-FES)
Kahn Culvert, Inc.	Paola, KS (Plant)
Metal Culverts, Inc.	Columbia, MO (Plant) Jefferson City, MO (Plant) Maryville, MO (Plant)
STEPS, Inc.	Lake Village, AR (Plant)
Wilson Culverts, Inc.	Elkhart, TX (Plant)

The following steel sheet manufacturers are qualified to furnish sheet metal to the various pipe fabricators in the fabrication of metal culvert pipe to be used on AHTD projects. Qualified Brand Designations are also listed:

Zinc Coated (Galvanized) Culverts and Underdrains (AASHTO M36, M218)

<u>Manufacturer</u>	<u>Brand</u>
AK Steel	AK Steel
Bethlehem Steel Corp.	Bethlehem
California Steel Industries, Inc.	CSI
Nucor Steel-Arkansas	NUCOR-AR
Nucor Steel Berkeley	NUCOR-SC
Severstal Warren, Inc. (formerly WCI Steel, Inc.)	Severstal Warren, Inc. (formerly WCI Steel, Inc.)
Severstal Wheeling, Inc.	Wheeling-Pittsburgh Severstal
Steel Dynamics, Inc.	SDI Steel Dynamics
United States Steel Corp.	U.S.S.
USS-POSCO Industries	USS-POSCO
Weirton Steel Corp.	Weirkote
Worthington Steel	WS Worthington Steel

Precoated Galvanized Culverts and Underdrains (AASHTO M245, M246)

Inland Steel Company	Inland Blac-Klad
Severstal Warren, Inc. (formerly WCI Steel, Inc.)	Severstal Warren, Inc. (Trenchcoat) (formerly WCI Steel, Inc. (Trenchcoat))
Severstal Wheeling, Inc.	Wheeling-Pittsburgh Plasticote (Trenchcoat) Severstal Plasticote (Trenchcoat)
Worthington Steel	Worthington Steel (Trenchcoat)

***Aluminum-Coated (Type 2) Culverts and Underdrains
(AASHTO M36, M218, M274)***

AK Steel	AK Steel Aluminized T 2
Severstal Wheeling, Inc.	Wheeling-Pittsburgh Aluminized T 2 Severstal Aluminized T 2

***Bituminous Coated Corrugated Metal Culvert Pipe
(AASHTO M36, M218, M190) See Zinc Coated (Galvanized)***

Prequalification of sheet manufacturers is based on a Certificate of Analysis and Guarantee approved by the Materials Division.

METHOD OF DOCUMENTATION OF ACCEPTANCE: A Certificate of Compliance shall be furnished by the pipe fabricator for each shipment. Information on the certificate shall include the state job number or purchase order number, consignee, size and length of pipe, sheet manufacturer or brand, and heat numbers from which the pipe was fabricated and a signed statement of certification in accord with procedure agreement, and manufacturing plant and location. In addition, the Resident Engineer shall check the pipe delivered for workmanship, condition of pipe and thickness of coating on bituminous coated culvert pipe. Coupons for shipments of bituminous coated culvert pipe are not required.

Procedure Agreement for the Acceptance of Metal Pipe Culvert

Metal pipe culvert, flared end sections (FES), and safety end sections (SES) will be accepted by the Arkansas Highway and Transportation Department based on the fabricator's certification that the product meets all the requirements of the applicable Department specifications under the following the conditions:

1. All iron and steel material used on Department projects must be in compliance with "Buy America" requirements and the Department's "Standard Specifications for Highway Construction", Subsection 106.01. This means all manufacturing processes of the iron or steel in a product (i.e., smelting/remelting, and any subsequent process which alters the steel material's physical form or shape or changes its chemical composition) must occur within the United States to be considered of domestic origin. This includes processes such as rolling, extruding, machining, bending, grinding, drilling, and applying coatings. The use of pig iron or processed, pelletized, and reduced iron ore manufactured outside of the United States is permitted in the domestic manufacturing process for steel and/or iron materials. All steel mill test reports will contain a statement certifying that all manufacturing processes for the steel occurred in the United States. Each supplier/fabricator of an intermediate product will also certify that the product complies with "Buy America" requirements.

2. A Certificate of Compliance shall be furnished by the pipe fabricator for each shipment. The Certificate of Compliance furnished shall be as specified in AASHTO M 36, Section 14 or AASHTO M 245, Section 14, stating that representative samples of the listed materials have been tested and that the test results conform to the applicable requirements. Information on the certificate shall also include the state job number (or state purchase order number), consignee, size and length of pipe, sheet manufacturer or brand, type of metallic coating, heat numbers from which the pipe was fabricated, and manufacturing plant and location. Certificates of Compliance may be in the form of the proper certified statement on a cover letter or shipping papers.

3. One copy of the Certificate of Compliance shall be furnished to the Resident Engineer.

4. Test results shall be maintained by the sheet manufacturer and be made available as provided in Section 9 of AASHTO M 218, Section 8 of AASHTO M 246 or Section 9 of AASHTO M 274, or Section 11 of AASHTO M 289.

The pipe manufacturer shall maintain copies of the certified mill test reports for sheet metal used on pipe furnished to AHTD projects. These shall be reviewed for conformance with the referenced specifications, including an acceptable statement of domestic origin.

5. For sheet metal products, misbranding or other misrepresentation, and non-uniformity of product, will each be considered a sufficient reason to discontinue the acceptance of any brand; notice sent to the sheet manufacturer will be considered to be notice to all culvert companies which handle that particular brand.

6. When deemed necessary by the Materials Engineer and at a frequency determined by same, samples shall be taken in accordance with AASHTO M 36, Section 12 or AASHTO M 245, Section 12, on a random basis at each fabricating plant or at the job site. Samples so taken shall be submitted to the Materials Division.

7. Failure of a pipe fabricator to comply with certification procedures will be considered sufficient reason to discontinue the acceptance of fabricated pipe from his plant.

Acceptance of pipe culvert by this method is subject to withdrawal for failure to comply with the above requirements. Please acknowledge agreement to the above requirements by signing and returning a copy of this letter for our producer files.

Company Name /Plant Location : _____

Signature : _____ Date: _____

Typed/Printed Name: _____

Telephone No.: _____ Fax No.: _____ Email Address: _____