

PRECAST/PRESTRESS CONCRETE PRODUCTS

The following manufacturers are qualified to produce precast/prestress structural concrete products for use on AHTD projects:

Prestress Service Industries of Tenn., LLC (C, E) (formerly CPI Concrete Products, Inc.)	- Memphis, TN
Construction Products, Inc. (E)	- Jackson, TN
Coreslab Structures (Tulsa), Inc. (C)	- Tulsa, OK
F-S Prestress, Inc. (C, E)	- Princeton, LA
Hanson Pipe and Products, Inc. (A)	- Poyen, AR
Hanson Pipe and Products, Inc. (A)	- Grand Prairie, TX
J.J. Ferguson Prestress/Precast, Inc. (C, D, E)	- Greenwood, Ms.
Scott Clark Construction, LLC. (A)	- Batesville, AR

- A - Precast Bridge Units
- B - Prestress Bridge Units
- C - Prestress Girders
- D - Precast Piles
- E - Prestress Piles

Documentation of Acceptance: Acceptance of products is signified by a Certificate of Delivery furnished by the manufacturer, stating that the listed units have been tested, inspected, approved, and stamped by an authorized AHTD inspector or designated representative. The information on the Certificate of Delivery shall include the job number, (or purchase order number), consignee, destination, sizes, class, lengths, number of pieces, and cast date and identification number which can be cross referenced with the Certificate of Delivery. One copy of the Certificate of Delivery and shipping papers shall be furnished to the Resident Engineer. One copy of the Certificate of Delivery shall be furnished to the Department's inspector or designated representative.

**Requirements
of
Precast/Prestress Concrete Manufacturers**

The following procedure is to be used in acquiring approval of Precast/Prestress Concrete Manufacturers:

Qualification of precast/prestress concrete manufacturers is based on a plant inspection prior to casting operations to determine their capability of producing a uniform product in compliance with AHTD Standard Specifications and referenced ASTM Standards. Items covered in this inspection may include, but is not limited to, materials storage, scales, batch plants, forms, tensioning jacks, testing facilities and quality control.

Approval of materials is based on test samples and/or material certifications. Sampling and testing shall be in accordance with the AHTD "Manual of Field Sampling and Testing Procedures".

Approval of precast/prestress products is determined by visual inspection and quality assurance tests conducted by AHTD personnel or their designated representative. These tests may include, but is not limited to, slump, air content, unit weight and compressive strength of cast cylinders.

Furthermore, 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.