



PROJECT DESCRIPTION SHEET

PennDOT

Project Name: Inspection and Supervision of Precast/Pre-stress Concrete Products

Location: Pennsylvania, Ohio, New York and Delaware

Owner: PA Department of Transportation - Bureau of Construction and Materials

Our Client: Pennoni Associates

Our Role: Primary Sub-consultant

Date Project Awarded: January 2006

Project Monetary Value: \$5,000,000

Project Description: A five year statewide contract to provide supervision and inspection services, at various PennDOT approved concrete pipe and concrete precast plants for products to be incorporated into PennDOT construction projects.

Jeff Zell Consultants, Inc. Work Description:

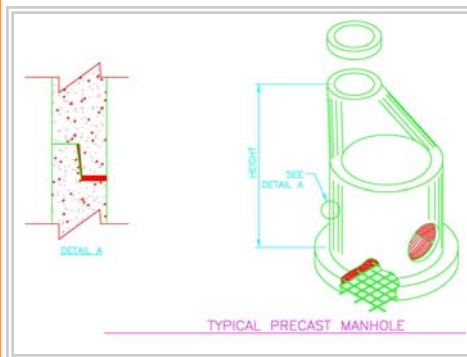
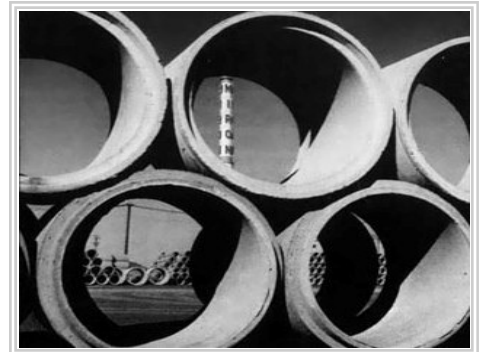
JZC is currently responsible for precast pipe and products plants in Western Pennsylvania and Ohio.

The precast concrete inspector performs independent technical work associated with the quality assurance of precast concrete products (manholes, inlets, box culverts, endwalls, pupwalls and specialty items) and reinforced concrete pipe.

The inspector reviews and monitors fabrication; reviews and performs concrete tests; interprets specifications and approved drawings. These assignments require independent review by an agency supervisor, material technicians and civil engineers.

The precast concrete inspector serves as an inspector-in-charge of precast concrete products or reinforced concrete pipe. He reviews plant quality control activities and enforces the quality control plan; assures conformance to the shop drawings, special provisions and specifications; reviews material certifications; records test results and maintains documentation using the Department's EQMS application.

Required knowledge, skills and abilities include: knowledge of the principles and methods applied in inspecting the fabrication of precast concrete and RC pipe; knowledge of the characteristics and properties of natural and manufactured materials used in precast concrete construction; skill in performing sampling of concrete and constituent materials; effectively operate a personal portable computer, Microsoft Word and Access, a digital camera, e-mail and the internet; the ability to interpret shop drawings, standards and specifications and to enforce these requirements and the ability to establish and maintain effective working relationships.



References: Available Upon Request

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