

**OFFICE OF STATE AID ROAD CONSTRUCTION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**DATE:** March 3, 1997

**SUBJECT:** CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) PIPE

Section S-603--Culverts and Storm Drains of the Mississippi Standard Specifications for State Aid Road and Bridge Construction, 1989 Edition, is hereby amended to include corrugated high density polyethylene (HDPE) pipe by the following revisions:

901-S-603.02- Material Requirement. Insert the following paragraph after the last paragraph of subsection S-603.02.

"Corrugated high density polyethylene pipe shall conform to the requirements of AASHTO Designation: M 294. The pipe and fittings shall be made of virgin polyethylene compounds which conform to Type III, Category "4" or "5", Grade P33 or P34, Class C of ASTM Designation D 1248."

901-S-603.06.1-Storm Drainage: Delete the last paragraph of subsection S-603.06.1 and substitute the following:

"Flexible conduits that are not self-coupling shall be firmly joined by coupling bands. Self-coupling joints shall be thermal welded or chemically adhesive/grouted."

901-S-603.13-- Basis of Payment. Add the following at the end of subsection S-603.13:

CORRUGATED POLYETHYLENE PIPE

Pay Item No. 901-S-603-T-A \_\_\_\_\_ "Corrugated High Density Polyethylene Drainage Pipe  
per linear foot.

901-S-603-T-B \_\_\_\_\_ "Corrugated High Density Polyethylene End Section  
per each

CORRUGATED FERROUS METAL CONDUIT

901-S-603-M-A: \_\_\_ " \_\_\_ \* Coated Corrugated Metal Pipe, \_\_\_ Gage,  
\_\_\_ Corrugation  
- per linear foot

901-S-603-M-B: \_\_\_ " \_\_\_ \* Coated Corrugated Metal End  
Section, \_\_\_ Gage  
- per each

901-S-603-M-C: \_\_\_ " X \_\_\_ " \_\_\_ \* Coated Corrugated Metal Arch  
Pipe, \_\_\_ Gage, \_\_\_ Corrugation  
- per linear foot

901-S-603-M-D: \_\_\_ " X \_\_\_ " \_\_\_ \* Coated Corrugated Metal End  
Section, \_\_\_ Gage  
- per each

901-S-603-M-E: \_\_\_ " \_\_\_ \* Coated Paved Invert Corrugated Metal  
Pipe, \_\_\_ Gage, \_\_\_ Corrugation  
- per linear foot

901-S-603-M-F: \_\_\_ " \_\_\_ \* Coated Paved Invert Corrugated  
Metal End Section, \_\_\_ Gage  
- per each

901-S-603-M-G: \_\_\_ " X \_\_\_ " \_\_\_ \* Coated Paved Invert Corrugated  
Metal Arch Pipe, \_\_\_ Gage,  
\_\_\_ Corrugation  
- per linear foot

901-S-603-M-H: \_\_\_ " X \_\_\_ " \_\_\_ \* Coated Paved Invert Corrugated  
Metal End Section, \_\_\_ Gage  
- per each

\* Type Coating to be shown as either Zinc, Aluminum, Polymeric  
or Bituminous.