METAL PIPE

The Standard Specifications are revised as follows:

SECTION 715, BEGIN LINE 17, DELETE AS FOLLOWS:
Concrete used for anchors, collars, grated box end sections, encasements, and
sealing existing pipes shall be class A. Corrugated polyethylene pipe, type S has a smooth
interior liner with a corrugated outer wall. Type SP pipe is a type S pipe with
perforations. Polymer precoated galvanized corrugated steel pipe type IA and pipe-arch
type IIA have an outer shell of corrugated sheet with helical corrugations and an inner
liner of smooth sheet attached to the shell with a helical lock seam.

SECTION 715, AFTER LINE 149, INSERT AS FOLLOWS:

(k) Pipe End Sections
Metal pipe end sections shall be in accordance with 908.06. Precast concrete pipe
end sections shall be in accordance with 905.06.

SECTION 715, BEGIN LINE 239, INSERT AS FOLLOWS:

715.06 Joining Pipe
Band couplers for AASHTO M 36 (M 36M) type I and type II corrugated steel
pipe and pipe-arches shall have corrugations that mesh with the corrugations of the pipe
sections being joined or the annular rerolled ends of those pipe sections. Band couplers
with projections (dimples) may be used with pipe having either annular or helical
corrugations only when corrugated band couplers will not provide a matching
connection to both pipes. Band couplers for AASHTO M 36 (M 36M) type IA and IIA
corrugated steel pipe and pipe-arches shall have corrugations that mesh with the
corrugations of the pipe or shall be gasketed flat bands.

SECTION 908, BEGIN LINE 5, DELETE AND INSERT AS FOLLOWS:

908.02 Corrugated Steel Pipe and Pipe-Arches
Corrugated steel pipe and pipe-arches shall be type I, IA, II, or IIA in accordance
with AASHTO M 36 (M 36M).

This Corrugated steel pipe, or pipe-arches, and the coupling bands shall be zinc
coated steel or aluminum coated steel in accordance with AASHTO M 36 (M 36M),
except as noted herein. They may be fabricated with circumferential corrugations and
riveted lap joint construction or with helical corrugations with continuous lock or welded
seam extending from end to end of each length of pipe. Reforming the ends of helical
corrugated pipe to form circumferential corrugations will be permitted to allow use of
circumferential corrugated coupling bands. The reforming shall be limited to the length
required to accommodate the coupling bands and in such a manner that there is not
appreciable slippage of the seam nor a plane of weakness created.

The pipe shall be type I, IA, II, or IIA.

Band couplers for type I and type II pipe shall have corrugations that mesh with
the corrugations of the pipes sections being joined or the annular rerolled ends of those
pipe sections. Band couplers for type IA and IIA pipe shall have corrugations that mesh with the corrugations of the pipe or shall be gasketed flat bands.

Polymer precoated galvanized corrugated steel pipe type IA and pipe-arch type IIA have an outer shell of corrugated sheet with helical corrugations and an inner liner of smooth sheet attached to the shell with a helical lock seam.