

ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: January 8, 2013

Special Provision No. 12-0547

EFFECTIVE DATE: July 1, 2013

SUBJECT: Welded Steel Encasement Pipe

Alabama Standard Specifications, 2012 Edition, SECTION 862 shall be revised as follows:

SECTION 862 UTILITY ENCASEMENT PIPE

862.01 Welded Steel Encasement Pipe.

This article (862.01) shall be replaced by the following:

862.01 Welded Steel Encasement Pipe.

Welded steel encasement pipe shall comply with the appropriate requirements for the size shown in the following table unless local codes or ordinances are more stringent:

Pipe Diameter inches {mm}	Minimum Wall Thickness inches {mm}	Pipe Requirements
< 4 {101.6}	Sch. 40	ASTM A 53, Grade B
4 - 12 {101.6 - 304.8}	0.188 {4.78}	ASTM A 252, Grade 2
>12 - 24 {>304.8 - 609.6}	0.250 {6.35}	ASTM A 252, Grade 2
>24 {609.6}	0.375 {9.525}	ASTM A 252, Grade 2

All pipe shall be coated inside and out with at least one shop coat of an approved primer paint. In addition, the external surface shall be treated with one coat of asphaltum paint, meeting the requirements of Federal Specification **TT-C-494B** Type II, Composition G. Fusion-Bonded Epoxy Coating, meeting the requirements of AWWA C213, may be used as an alternative to the shop coat primer and asphaltum paint. Other approved protection material may be used with prior approval by the Department. Hydrostatic pressure test is not required for this pipe.