

2 PIPELINE CONSTRUCTION BY HORIZONTAL DIRECTIONAL DRILLING (SECTION 13123)

2.1 Part 1 General

2.1.1 Scope

This section of the specification gives the requirements for pipeline construction by Horizontal Directional Drilling (HDD) and should be read in conjunction with the DMAT guidelines and requirements as referenced below

2.1.2 Related Documents

The following sections of the specification shall be read in conjunction with this section.

Section 01300 - Submittals

Section 01400 - Quality control

Section 01540 - Health and Safety

Section 01600 - Materials and equipment

Section 02650 - HDPE Pipes

Section 03100 - Concrete formwork

Section 03200 - Concrete reinforcement

Section 03300 - Cast in place concrete

Section 03600 - Concrete protection and waterproofing

2.1.3 Standards

All activities relating to this section of the specification shall comply with the following or approved equal standards. These standards represent the minimum requirements for Horizontal Directional Drilling.

ASTM F 1962 Use of Horizontal Directional Drilling for Placement of Polyethylene Pipe or Conduit Under Obstacles, Including River Crossings.

WIS 4-32-08 Specification for site fusion jointing of PE 80 and PE 100 pipe and fittings, Issue 3, 2002

WIS 4-32-17 Polyethylene pressure pipes for pressurised water supply and sewerage duties, Issue 2, August 2001.

ISO 4427: 1996 Polyethylene (PE) pipes for water supply.