



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

August 9, 2012

Monica Gourdine
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section **555**
Proposed Specification: **5550202 Directional Bore.**

Dear Ms. Gourdine:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by Gordon Wheeler of the State Utilities Office to update the language for consistency with industry changes and for formatting

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965TT or trey.tillander@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4140.

Sincerely,

Signature on file

V. Y. "Trey" Tillander, III, P.E.
State Specifications Engineer

TT/dt

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

DIRECTIONAL BORE.**(REV 6-29-12)**

SUBARTICLE 555-2.2 (of the Supplemental Specifications) is deleted and the following substituted:

555-2.2 Material Type: The following material standards are to be interpreted as the minimum in place standards. Use materials that are appropriate for the stresses generated by the selected equipment and field conditions. It is not intended to portray that the use of materials with these minimum material standards will retain their required properties if the stress limits are exceeded for which they were designed during installation. Ensure that the appropriate material is used to retain compliance once it is installed.

Material Standards for HDD Installation		
Material Type	Non-Pressure	Pressure
Polyethylene (PE)	ASTM D 2447 <i>ASTM D3350</i> <i>ASTM F714</i>	ASTM D 2513 ASTM D 2447 <i>ASTM D3350</i> <i>ASTM F714</i>
High Density Polyethylene (HDPE)	ASTM D 2447 ASTM D-3350 ASTM F-714	ASTM D 2447 ASTM D-3350 ASTM F-714 ASTM D-2513
Polyvinyl-Chloride (PVC)	ASTM D-4396 ASTM D-1784	ASTM D-1784 AWWA C900 AWWA C905 AWWA C605
Steel	ASTM A 139 Grade B ⁽¹⁾	AWWA C200 API 2B ⁽²⁾
⁽¹⁾ No hydrostatic test required		
⁽²⁾ Dimensional tolerances only		

DIRECTIONAL BORE.
(REV 6-29-12)

SUBARTICLE 555-2.2 (of the Supplemental Specifications) is deleted and the following substituted:

555-2.2 Material Type: The following material standards are to be interpreted as the minimum in place standards. Use materials that are appropriate for the stresses generated by the selected equipment and field conditions. It is not intended to portray that the use of materials with these minimum material standards will retain their required properties if the stress limits are exceeded for which they were designed during installation. Ensure that the appropriate material is used to retain compliance once it is installed.

Material Standards for HDD Installation		
Material Type	Non-Pressure	Pressure
Polyethylene (PE)	ASTM D3350 ASTM F714	ASTM D 2513 ASTM D3350 ASTM F714
High Density Polyethylene (HDPE)	ASTM D3350 ASTM F714	ASTM D3350 ASTM F714 ASTM D2513
Polyvinyl-Chloride (PVC)	ASTM D4396 ASTM D1784	ASTM D1784 AWWA C900 AWWA C905 AWWA C605
Steel	ASTM A 139 Grade B ⁽¹⁾	AWWA C200 API 2B ⁽²⁾
⁽¹⁾ No hydrostatic test required		
⁽²⁾ Dimensional tolerances only		