

To: SUPERSEDED ^{BY} EB 03-029 EFFECTIVE 6/6/03		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 00-039
Title: SPECIAL NOTE - "OWNER REQUIREMENTS FOR WATER MAINS AND APPURTENANCES"			
Distribution: ☒ Manufacturers (18) ☒ Surveyors (33) ☒ Main Office (30) ☒ Consultants (34) ☒ Local Govt. (31) ☒ Contractors (39) ☒ Regions/Agencies (32) ☐ _____ ()		Approved:  P. J. Clark, Deputy Chief Engineer, Design 12/29/00 Date	

ADMINISTRATIVE INFORMATION

This Engineering Instruction (EI) may be implemented immediately as the project's schedule permits, but shall be implemented for PS&E's submitted for the letting of July 5, 2001. This EI does not supersede any previous issuances.

PURPOSE

This EI issues a shell for a special note entitled "Owner Requirements for Water Mains and Appurtenances".

DESIGNER INFORMATION

The Special Note must be completed by the designer in cooperation with the Utility Owner and included with the PS&E submission for all projects that include water supply utility items. It is not necessary or desired to cite references to any AWWA or ANSI Standards that are already included in the Standard Specifications. The primary dimensions will be in metric, or NPS (Nominal Pipe Size) dimensions. English equivalents may be added in parentheses, if desired.

CONTACT

Address questions regarding this issuance to Brian DeWald of the Construction Division at 518-457-9688.

Special Note
Owner Requirements for Water Mains and Appurtenances:

The following are the requirements of the owner of the water system for this contract. All manufacturer or proprietary material designations are the requirement of the Owner. Approval of an equal item other than that specified must be granted by the Owner.

Owner: _____
Address: _____
City, State, ZIP: _____
Contact:: _____ Phone #: _____

The Owner [does not] requires review and approval of materials and details. The estimated time required for approval by the Owner of materials and details during construction is _____

Pipe:

Type of Material: _____ Pressure/Thick Class or DR _____

Lining: _____

Type of Joint: _____

Bedding Requirements _____ (Dimensions and item) _____

Fittings: (Compact Ductile Iron [C153] required unless otherwise noted)
C110 Full Body Required For Size _____ NPS To _____ NPS

Special Requirements: _____

Thrust Restraint Type:

Horizontal Bends	-	__	Restrained Joint	or	__	Thrust Block	or	__	Retainer Gland	or	__	Tie Rod
Vertical Bends	-	__	Restrained Joint	or	__	Thrust Block	or	__	Retainer Gland	or	__	Tie Rod
Tees & Crosses	-	__	Restrained Joint	or	__	Thrust Block	or	__	Retainer Gland	or	__	Tie Rod
Valves	-	__	Restrained Joint	or	__	Thrust Block	or	__	Retainer Gland	or	__	Tie Rod
Hydrants	-	__	Restrained Joint	or	__	Thrust Block	or	__	Retainer Gland	or	__	Tie Rod

Tie Rods:

Type: _____ Size: _____

Valves:

Manufacturer: _____
Type: (Different types may be required for different uses.) _____

Open: _____ Left (Counter-Clockwise) or _____ Right (Clockwise)

Valves may [may not] be operated by personnel other than Owner's staff.

Special Note
Owner Requirements for Water Mains and Appurtenances:

Valve Boxes: (Slide type adjustable required unless otherwise noted)

Type: _____

Hydrants:

Manufacturer: _____ Model: _____

Pumper nozzle: Qty _____ Thread _____ & Size _____ NPS

Hose nozzle: Qty _____ Thread _____ & Size _____ NPS

Open: _____ Left (Counter-Clockwise) or Right (Clockwise)

Size / shape of operating nut: _____

Depth of Bury: _____

Color: _____

Service Connection Materials:

Corporation Stop

Type: _____
Manufacturer: _____ Connection Size: _____

Curb Stop

Type: _____
Manufacturer: _____ Connection Size: _____

Curb Box

Type: _____
Manufacturer: _____ Connection Size: _____
Location: _____

Fittings

Manufacturer: _____

Taps

Wet Taps Required ? Yes / No Tap Fee _____

If dry taps allowed, Allowable water main shut down time _____

Water Meter Pits

Dimensions (LxWxH) _____
Roof Loading _____
Knockouts, etc. _____