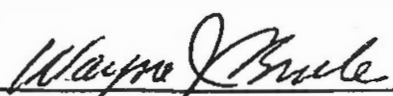


TO: -		<b>ENGINEERING INSTRUCTION</b>	
<b>SUPERSEDED BY EB 96-014 EFFECTIVE 4/8/96</b>		NEW YORK STATE DEPARTMENT OF TRANSPORTATION	
		SUBJECT: PREFABRICATED ADJUSTMENT RINGS AND FRAMES FOR DRAINAGE UNITS AND MANHOLES - MATERIALS DETAILS	
		Subject Code: 7.42-715-13	
Distribution:		Main Office	Regions
			Special X
APPROVED:		Code: EI 91-17	Date: 8/21/91
 WAYNE A. BRULE, DIRECTOR, MATERIALS BUREAU		Supersedes:	

This Engineering Instruction transmits Materials Details Drawings for Prefabricated Adjustment Rings and Frames for Drainage Units and Manholes (715-13) and the corresponding implementation details.

BACKGROUND

The specification 715-13 Prefabricated Adjustment Rings and Frames for Drainage Units and Manholes has been completely revised. These revisions were based on actual field performance of rings and frames as monitored by the Materials Bureau. Revisions include elimination of set screws which have been replaced by clamping devices to secure the ring or frame to the existing structure. A requirement that rings and frames be adequately reinforced to prevent bending has been added. Coating requirements have been revised. The Adjustment Height Incremented Segmented Rings have been eliminated. Frames have been separated into two types, Single Height Segmented Units and Single Height Solid Units. The Materials Details Drawings listed in this EI meet the revised Specification.

The following is a listing of the attached Materials Details:

A. FRAMES

<u>Supplier/Location</u>	<u>Type</u>	<u>Drawing Number</u>	<u>Date</u>
Elderlee, Inc. Oaks Corner, NY	AF2	FF-1-91	1/22/91
National Utilities Products, Co. Cleveland, OH	AF1	101001, 101003	3/18/91
	AF1	101002, 101003	3/18/91

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B. RINGS

<u>Supplier/Location</u>	<u>Type</u>	<u>Drawing Number</u>	<u>Date</u>
Andrews Metal Products, Inc. Youngstown, OH	AR2 AR3	AMP001 AMP002	3/29/91 3/29/91
Jamestown Iron Works Falconer, NY	AR3	245	3/11/91
National Utilities Product Co. Cleveland, OH	AR1 AR2	NB-MBS SR-MODEL	3/18/91 3/18/91

The above listing also appears in the April 1991 issue of the Approved List. This list has been completely revised and supersedes the October 1990 list.

All rings and frames supplied to contracts let on and after April 1, 1991 shall conform with one of the attached Materials Details.

Any rings or frames supplied to contracts let prior to April 1, 1991 shall conform with one of the attached Materials Details or with a Materials Detail which was current at the time the contract was let. Copies of these Materials Details are available from the Materials Bureau.