



**CROSS SECTION**

**DESCRIPTION.**

Construct a continuous trench drain designed, manufactured, and supplied by one of the following:  
 -Zum Industries, Inc. or a designated distributor, telephone (815) 806-9826.  
 -ABT, Inc. or a designated distributor, telephone (708) 862-7870.  
 -Approved equivalent.

**MATERIALS.**

- A. Meet the specifications set forth by the manufacturer.
- B. Class C concrete complying with Section 2403 of the Standard Specifications.

**CONSTRUCTION.**

- A. Install continuous trench drain according to the manufacturer's recommendation and the contract documents.
- B. Install casting certified for 40,000 pound (18.15 Mg) load (H-20) according to AASHTO M 300.
- C. Use duct tape or wood block to cover drain during paving operations.

**METHOD OF MEASUREMENT.**

Measurement for Continuous Trench Drain will be in linear feet.

**BASIS OF PAYMENT.**

- A. Payment for Continuous Trench Drain will be the contract unit price per linear foot.
- B. Payment is full compensation for:
  - Purchasing the manufactured continuous trench drain materials.
  - Furnishing all equipment, tools, and labor to the construct trench drain.
- C. Connection to manhole, pipe, or apron is incidental to Continuous Trench Drain.

- ① Same as thickness of adjacent pavement
- ② Continuous Trench Drain

Possible Contract Item:  
 Continuous Trench Drain

All dimensions given in millimeters unless noted.

<b>METRIC VERSION</b>	<b>M</b>	 Iowa Department of Transportation Highway Division	
	<b>DETAIL SHEET</b>		<b>500-20</b>
	REVISION: New		REVISION NO. NEW
<b>CONTINUOUS TRENCH DRAIN (NOT UNDER TRAFFIC)</b>			