

Road Drain Protection Devices by WIMCO
Top Slab Inlet Protection System

Product:
Road Drain- Top Slab model by WIMCO

Manufacturer:
Wimco, LLC.
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Description:

- 1.1 Work covered under this item consists of the installation and maintenance of the Road Drain- Top Slab Inlet protection device. The purpose is to keep sediment and debris out of the storm sewer, while maintaining safe vehicle traffic.
- 2.0 Material:
 - 2.1 The Road Drain- Top Slab model consists of a structurally certified, reinforced steel plate, riser pipe with lid, and filter media placed over the riser pipe.
 - 2.2 The Road Drain-Top Slab model shall meet OSHA Standard 1910.23 and 1926.503 for vehicle traffic. The Top Slab design allows for vehicle traffic up to 20,000 lb axle loads.
 - 2.3 The Road Drain-Tops Slab model will allow the ability to recess the drain tube during construction and allow for vehicle traffic.
 - 2.4 The filter media shall meet all local specifications for inlet protection.
 - 2.5 The riser pipe shall have 2” drain holes for filter and overflow.
- 3.0 Installation:
 - 3.1 Place the Road Drain –Top Slab model directly on the top of structure or on engineer approved adjusting rings.
 - 3.2 Install gasket and cover center of gasket with pipe grease or other approved lubrication.
 - 3.3 Place the filter media onto the riser pipe.
 - 3.4 Adjust filter media proper height for overflow.
 - 3.5 Check riser tube to make sure it is fully extended and all filter holes are exposed.
- 4.0 Maintenance:
 - 4.1 Check filter media after each rain event. Clean or replace if sediment clogs filter.
 - 4.2 Remove sediment and debris from the base of the riser pipe to the width equal to the size of the Top Slab model.
- 5.0 Method of Payment
 - 5.1 The quantity paid is for the actual number of Road Drain –Top Slab models installed and maintained, per location (inlet).
- 6.0 Basis of Payment:
 - 6.1 The unit price shall include labor, equipment and materials necessary to install and maintain the Road Drain Top Slab model.
 - 6.2 Payment for each installation location shall be made at the contract price for:

<u>Item</u>	<u>Unit</u>	<u>Description</u>
Road Drain-Top Slab	Ea	Type A inlet device, model # RD27 or RD23