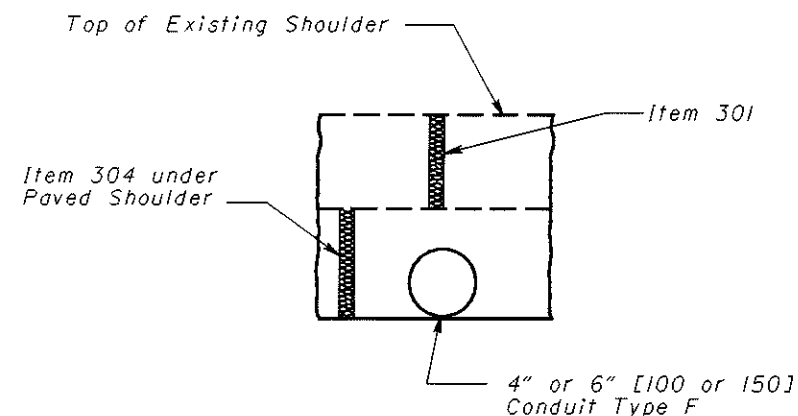
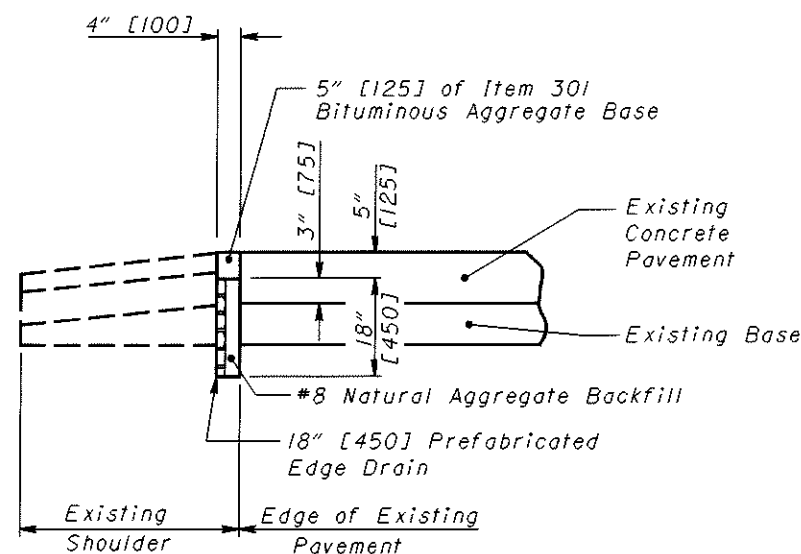


ELEVATIONS

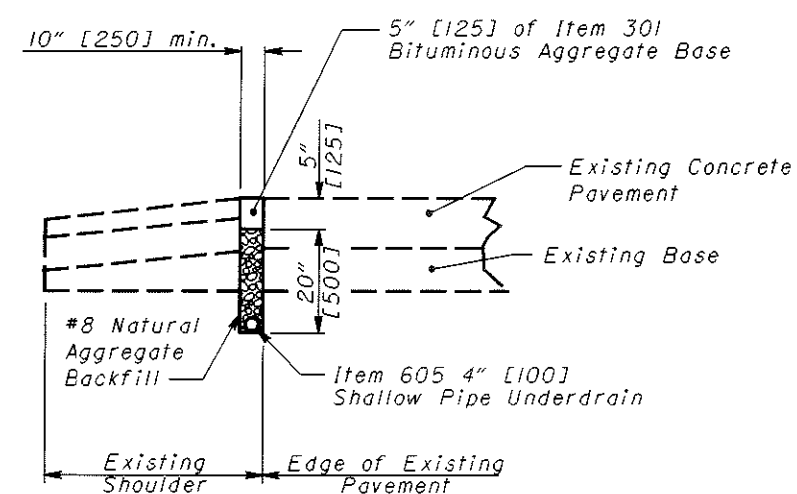


SECTION A-A

SHALLOW UNDERDRAIN SYSTEM



PREFABRICATED EDGE DRAIN SYSTEM



PIPE UNDERDRAIN SYSTEM

## NOTES

**DESCRIPTION:** This item shall consist of furnishing and installing either a pipe underdrain system or a prefabricated edge drain system in accordance with the specifications and with the details on the plans or as directed by the Engineer.

**MATERIALS:** The underdrain shall either be a pipe underdrain system or a prefabricated edge drain system meeting the requirements of CMS 605.

**BASIS OF PAYMENT FOR PIPE UNDERDRAIN SYSTEM ONLY:** Work completed, accepted and measured under this item shall be paid for at the contract unit price bid for **Item 605 - 4" [100] Shallow Pipe Underdrain**. The price shall be full compensation for excavation and backfill; for furnishing materials, including materials for outlet fittings and Item 301; and for all labor, tools, equipment and incidentals necessary to complete the work.

**BASIS OF PAYMENT FOR SHALLOW UNDERDRAIN SYSTEM:** Work completed, accepted and measured under this item shall be paid for at the contract unit price bid for **Item 605 - Shallow Underdrain**. The price shall be full compensation for excavation and backfill; for removing and disposing of all surplus excavation in accordance with CMS 203; for furnishing materials, including materials for splices, outlet fittings, and Item 301; and for all labor, tools, equipment and incidentals necessary to complete the work associated with the installation of prefabricated edge drains or pipe underdrains.

**BASIS OF PAYMENT FOR PREFABRICATED EDGE DRAIN SYSTEM:** Work completed, accepted and measured under this item shall be paid for at the contract unit price bid for **Item 605 - 18" [450] Prefabricated Edge Drain**. The price shall be full compensation for excavation and backfill; for removing and disposing of all surplus excavation in accordance with CMS 203; for furnishing materials, including materials for splices, outlet fittings, and Item 301; and for all labor, tools, equipment and incidentals necessary to complete the work associated with the installation of prefabricated edge drains or pipe underdrains.

The cost of the 4" [100] Conduit Type F and necessary pipe bends and branches needed to connect the existing and proposed underdrains shall be included with the cost of the 6" [150] Conduit Type F beyond the existing underdrain.

THIS DRAWING REPLACES DM-1.2M DATED 10-21-97.

STANDARD ROADWAY CONSTRUCTION DRAWING

SHALLOW UNDERDRAINS

NUMBER  
DM-1.2

ROADWAY  
ENGINEERING  
SERVICES

All metric dimensions  
(in brackets [ ]) are  
in millimeters unless  
otherwise noted.

STDS. ENGR.  
D. Focke  
DRAWN  
D. Focke

REVISIONS

OHIO DEPARTMENT OF TRANSPORTATION  
7-20-01  
DATE  
ROADWAY DESIGN ENGINEER