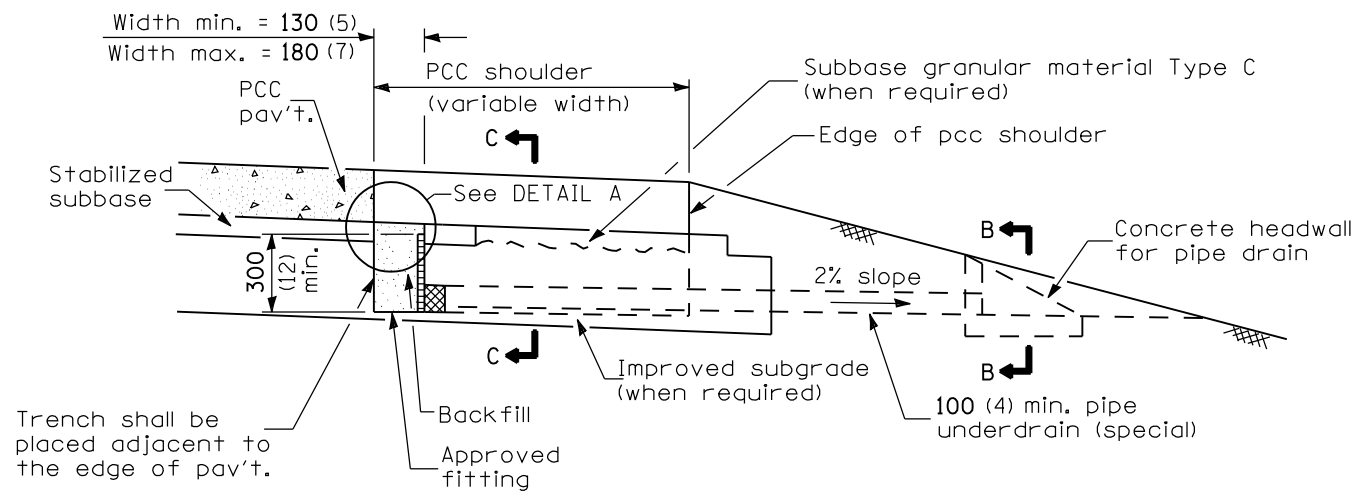
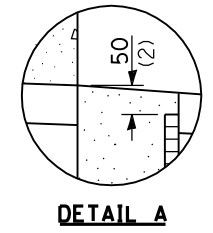


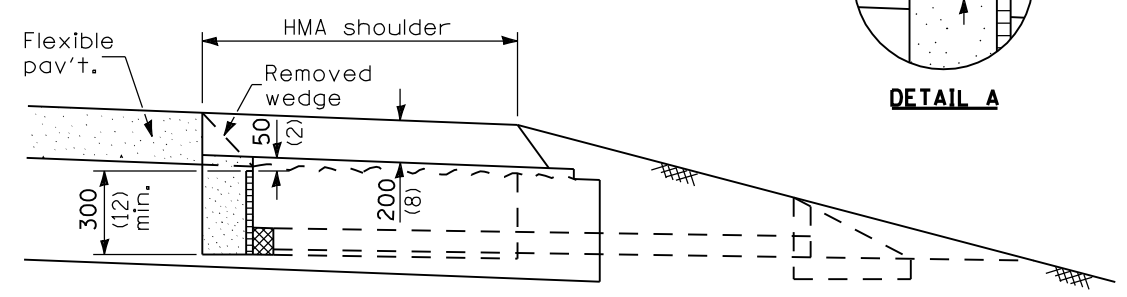
**PLAN**



**SECTION A-A  
(PCC Shoulder)**



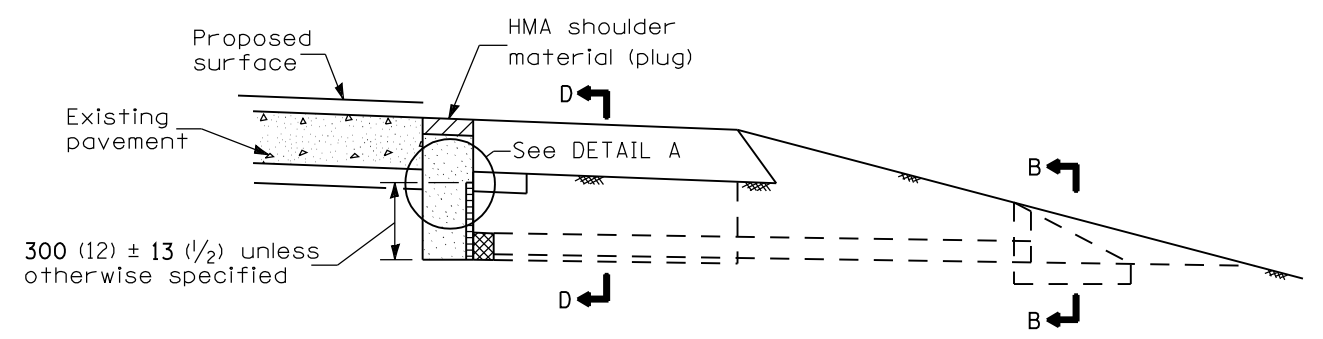
**DETAIL A**



**SECTION A-A  
(HMA Shoulder)**

(Dimensions and notes not shown shall be as shown in the above Section A-A)

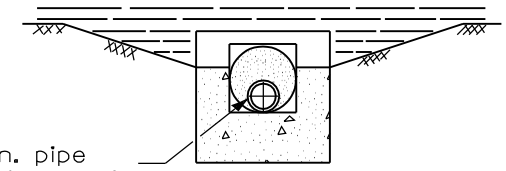
**NEW CONSTRUCTION  
(TRENCH FOR DRAINAGE MAT UNDERDRAIN OPTION)**



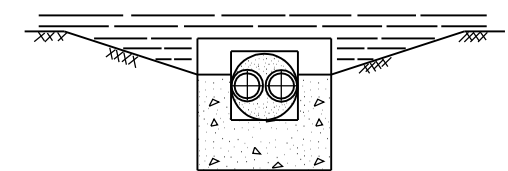
**SECTION A-A**

**EXISTING CONSTRUCTION  
(TRENCH FOR DRAINAGE MAT UNDERDRAIN OPTION)**

(Except as noted or shown, dimensions and notes specified for Existing Construction are the same as those of New Construction)



**SECTION B-B**



**SECTION B-B  
(Sag locations)**

**GENERAL NOTES**

See Standard 601101 for details of concrete headwall.

See Standards 482001, 482006 and 483001 for details of shoulders not shown.

The 600 mm (24") radius on the drainage fitting is only a minimum. Larger radii meeting the approval of the Engineer may be substituted.

All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2008  
*Scott Shy*  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2008  
*Ken E. Han*  
 ENGINEER OF DESIGN AND ENVIRONMENT

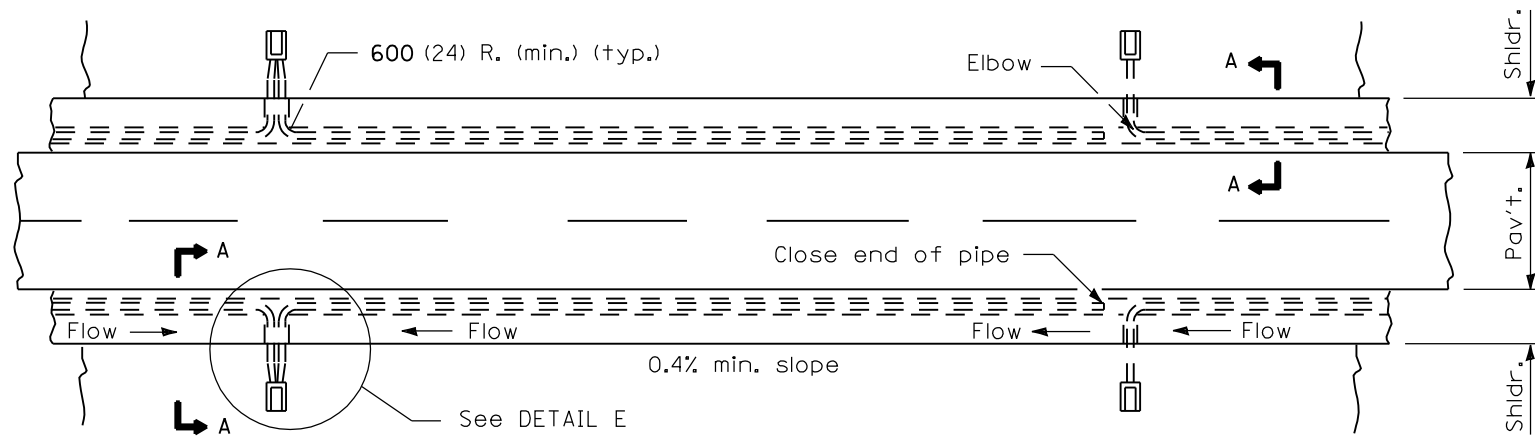
ISSUED 1-1-07  
 16-1-07

DATE	REVISIONS
1-1-08	Changed "FA-1 or FA-2" to Backfill.
1-1-07	Switched to Hot-Mix Asphalt (HMA) terminology.

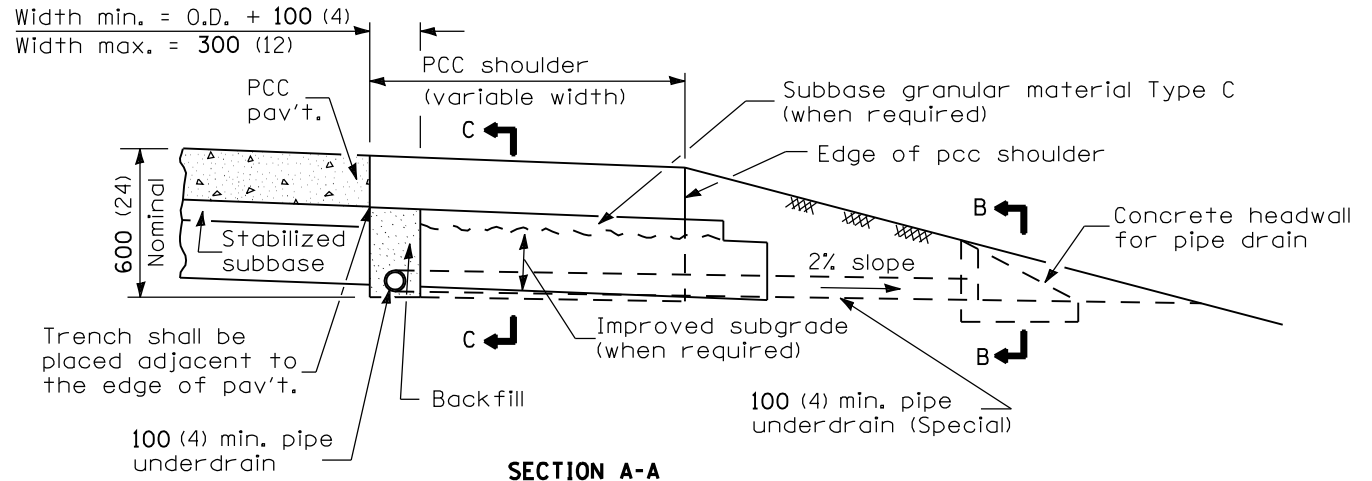
**SUB-SURFACE DRAINS**

(Sheet 1 of 2)

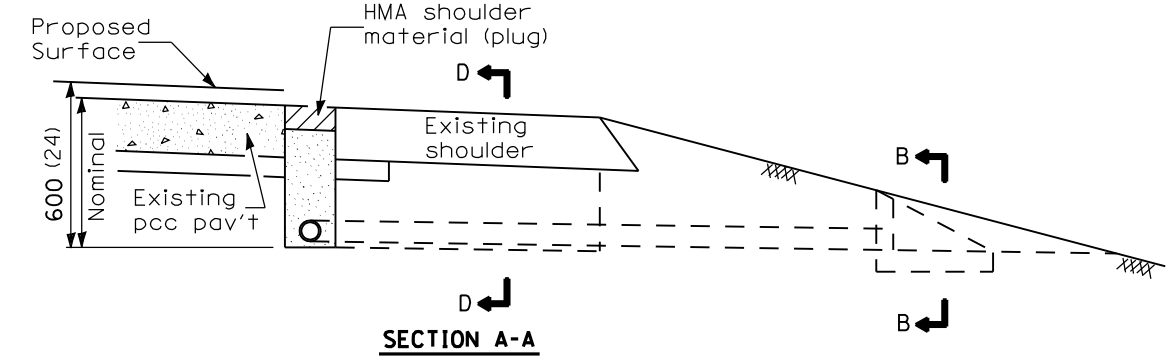
**STANDARD 601001-02**



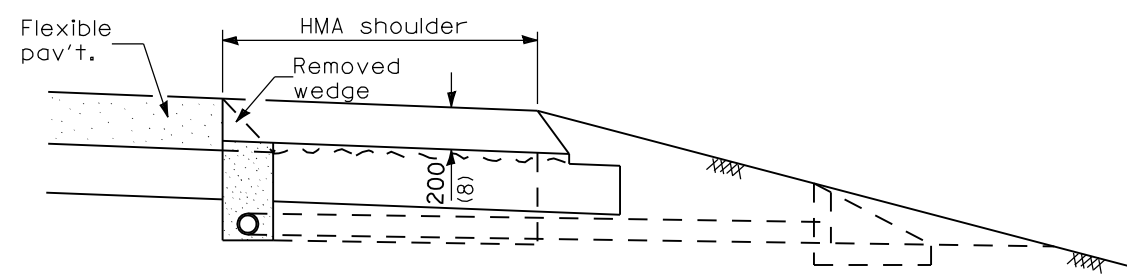
**PLAN**



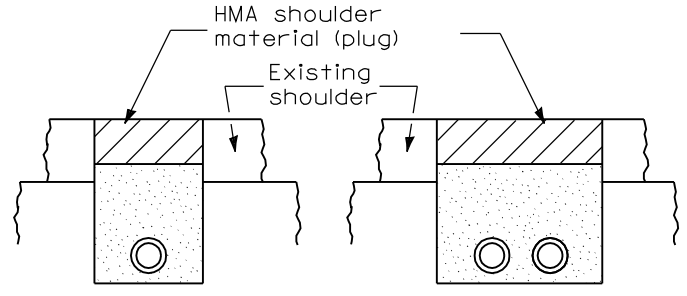
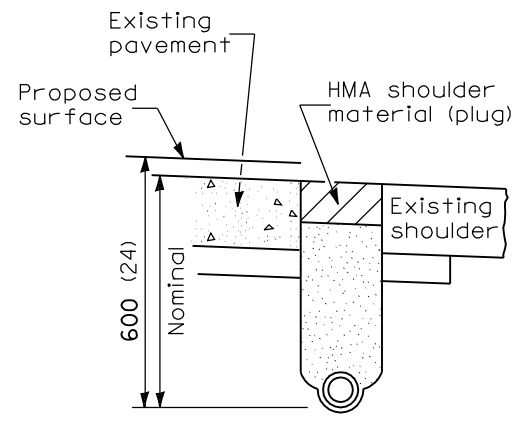
**SECTION A-A**



**SECTION A-A**

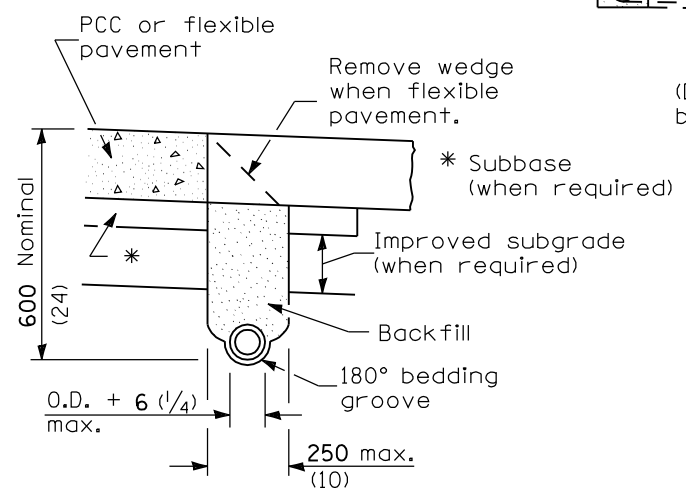


**SECTION A-A**

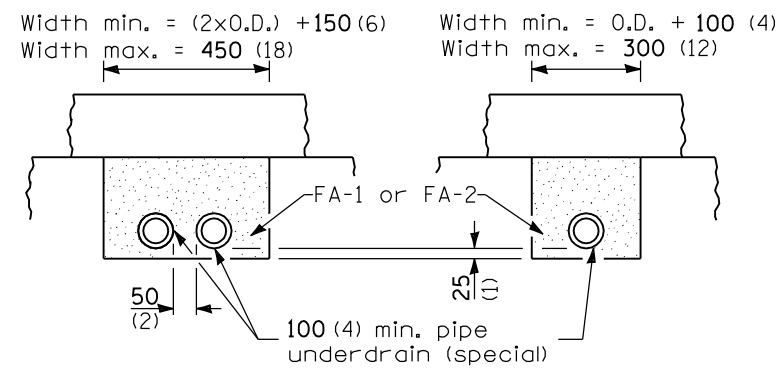


**SECTION D-D**

**SECTION D-D (Sag Locations)**



**TRENCH FOR CORRUGATED POLYETHYLENE TUBING ALTERNATE**



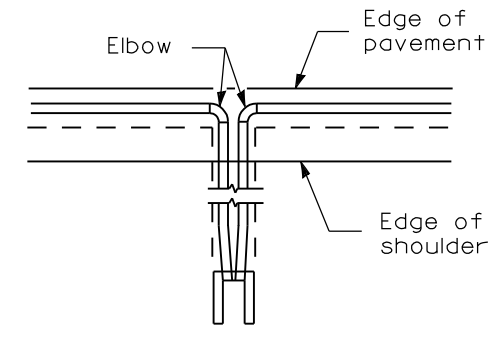
**SECTION C-C (Sag locations)**

**SECTION C-C**

**TRENCH FOR CORRUGATED POLYETHYLENE TUBING ALTERNATE**

**EXISTING CONSTRUCTION**

(Except as noted or shown, dimensions and notes specified for Existing Construction are the same as those of New Construction)



**DETAIL E**

All dimensions are in millimeters (inches) unless otherwise shown.

**SUB-SURFACE DRAINS**

(Sheet 2 of 2)

**STANDARD 601001-02**

**NEW CONSTRUCTION**

Illinois Department of Transportation

PASSED January 1, 2008  
*Scott Schick*  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2008  
*Ken E. Han*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97