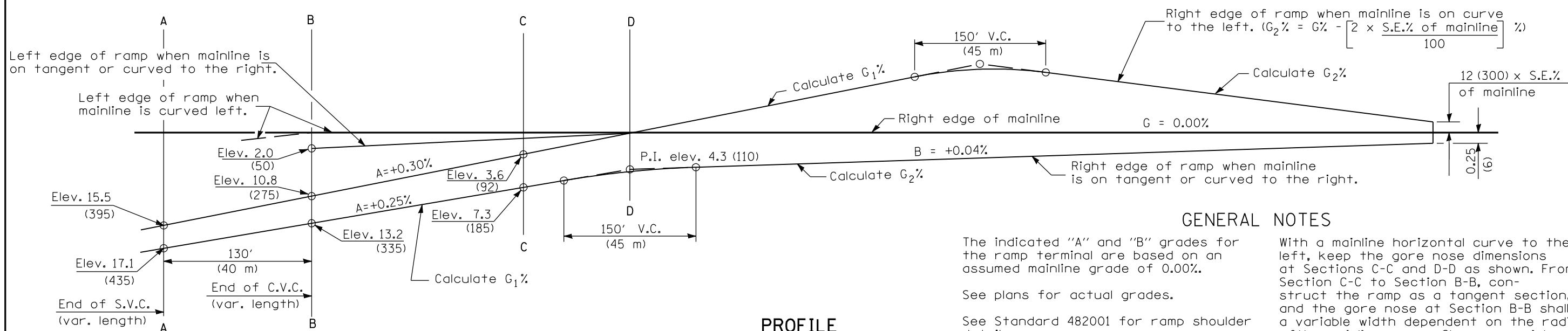


**PLAN**



**PROFILE**

**GENERAL NOTES**

The indicated "A" and "B" grades for the ramp terminal are based on an assumed mainline grade of 0.00%.

See plans for actual grades.

See Standard 482001 for ramp shoulder details.

Between Sections A-A and B-B (shaded area), provide a drainage swale and flush inlet to enhance drainage.

When using grades expressed in %, the grade value shall be divided by 100 to obtain vertical offsets.

When radius R1 is less than 760 ft (230 m), the acceleration length shall be recalculated.

With a mainline horizontal curve to the left, keep the gore nose dimensions at Sections C-C and D-D as shown. From Section C-C to Section B-B, construct the ramp as a tangent section, and the gore nose at Section B-B shall be a variable width dependent on the radius of the mainline curve. Show a special cross-section on the plans for Section B-B.

With a mainline horizontal curve to the right, keep the gore nose dimensions at Sections D-D, C-C, and B-B as shown, and the edge of the ramp between Sections C-C and B-B shall be constructed as a compound curve tying Section C-C.

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

Illinois Department of Transportation

PASSED January 1, 2008

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2008

ENGINEER OF DESIGN AND ENVIRONMENT

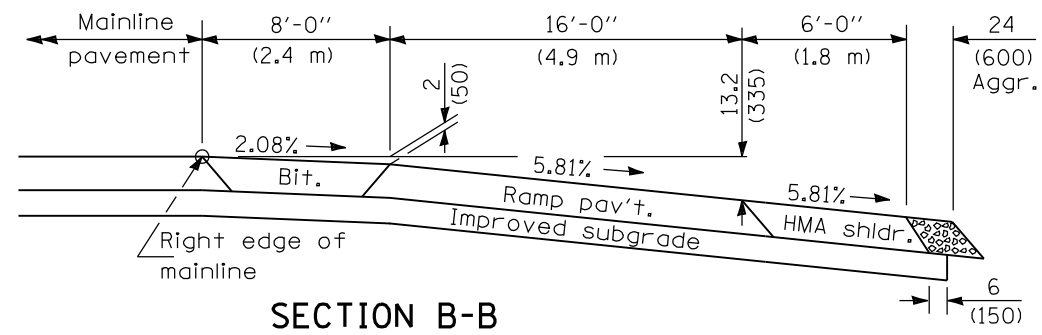
ISSUED 1-1-97

DATE	REVISIONS
1-1-08	Switched units to English (metric).
	Revised General Notes.
1-1-07	Switched to Hot-Mix Asphalt (HMA) terminology.

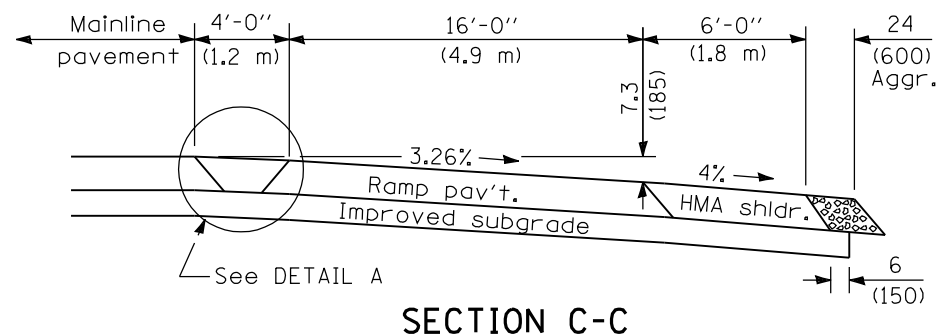
**ENTRANCE RAMP TERMINAL**  
 (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)

(Sheet 1 of 2)

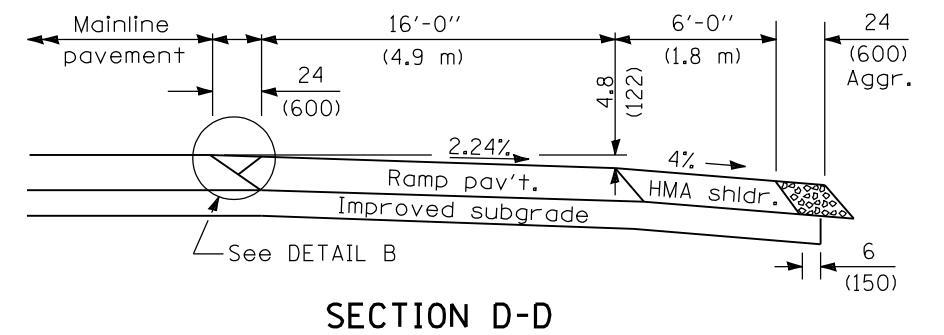
**STANDARD 406001-05**



**SECTION B-B**

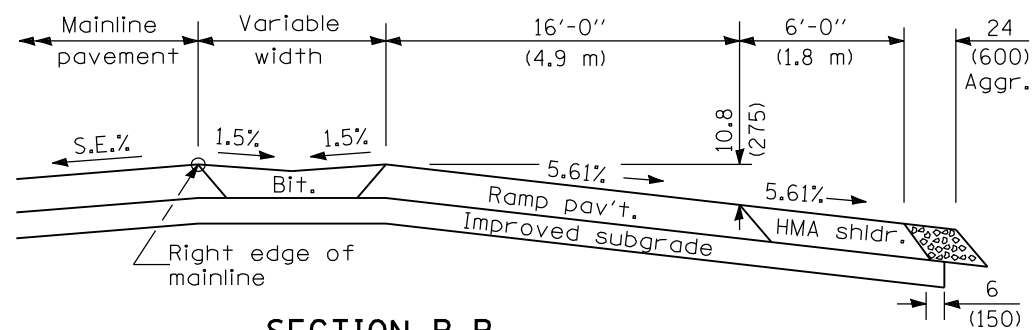


**SECTION C-C**

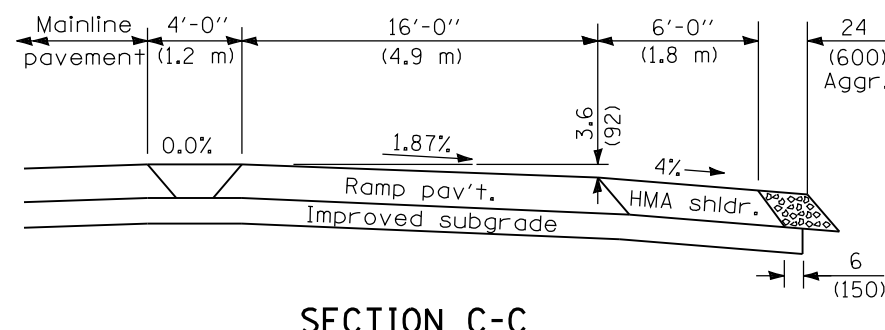


**SECTION D-D**

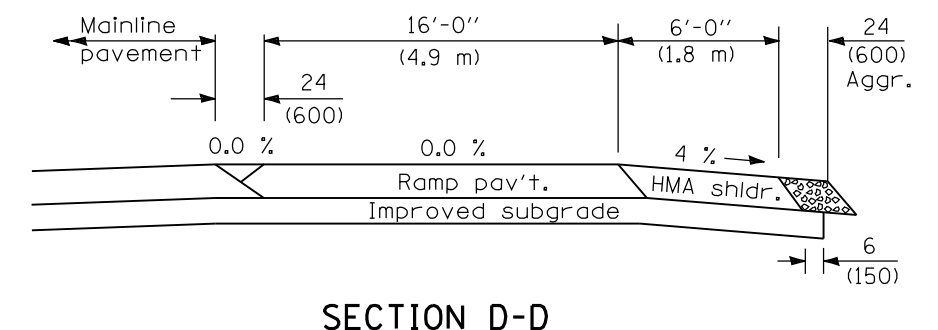
**CROSS SECTIONS WHEN MAINLINE IS ON TANGENT OR CURVED TO THE RIGHT**



**SECTION B-B**

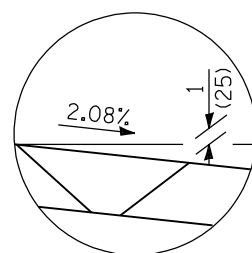


**SECTION C-C**

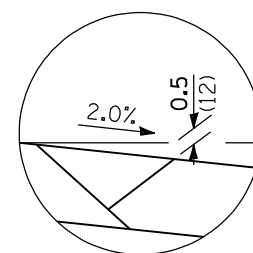


**SECTION D-D**

**CROSS SECTIONS WHEN MAINLINE IS CURVED TO THE LEFT**



**DETAIL A**



**DETAIL B**

Illinois Department of Transportation  
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 APPROVED January 1, 2008  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

**ENTRANCE RAMP TERMINAL**  
 (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)  
 (Sheet 2 of 2)

**STANDARD 406001-05**