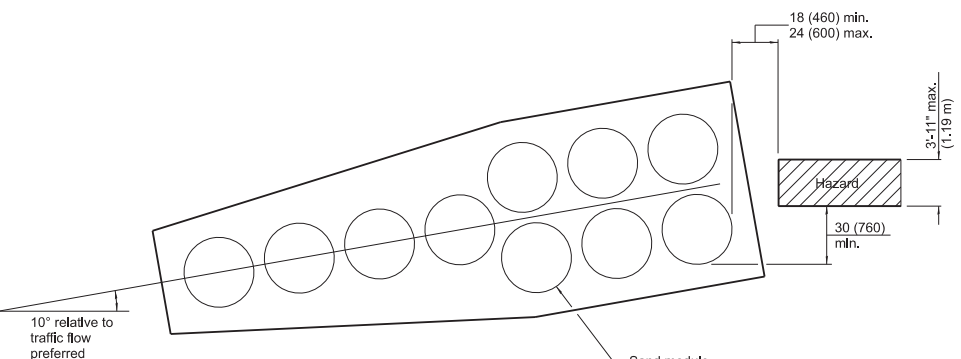
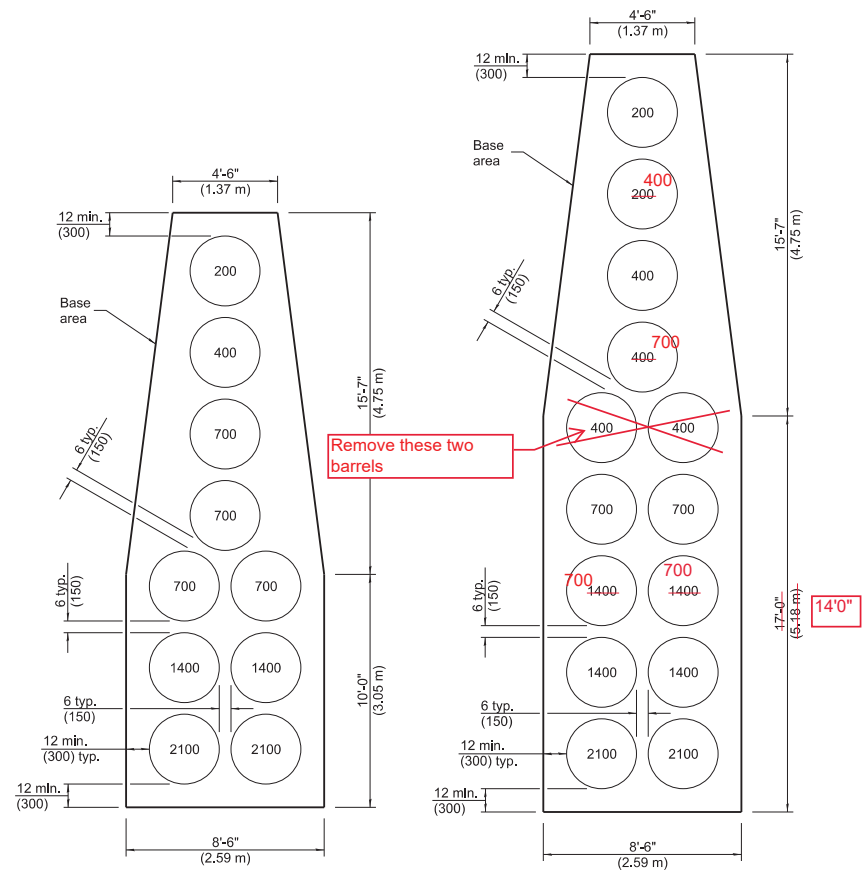


Direction of traffic flow
GORE INSTALLATION
 (Traffic approaches on both sides)
 (Test Level 2 array shown)



Direction of traffic flow
ROADSIDE INSTALLATION
 (Traffic approaches on one side)
 (Test Level 2 array shown)



TEST LEVEL 2 ARRAY

(For design speed less than or equal to 45 mph.)
 (Numbers inside sand modules indicate sand weight in pounds.)

TEST LEVEL 3 ARRAY

(For design speed greater than 45 mph.)
 (Numbers inside sand modules indicate sand weight in pounds.)

Inserts are required for weights 200, 400, and 700 lbs

GENERAL NOTES

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

DATE	REVISIONS
1-1-14	Revised distance from barrels to hazard.
1-1-13	Changed 'posted speed' to 'design speed'.

**SAND MODULE
 IMPACT ATTENUATORS**

STANDARD 643001-02

Illinois Department of Transportation

APPROVED January 1, 2014
 Michael Beard
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2014
 [Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-14