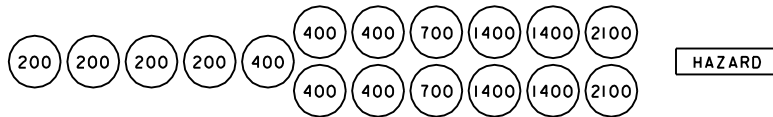
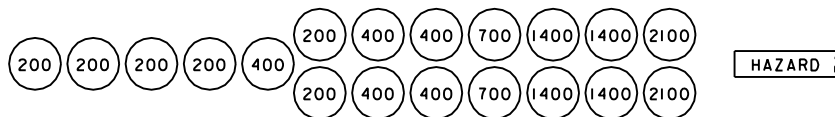


DESIGN SPEED = 60 M.P.H.



DESIGN SPEED = 65 M.P.H. (SEE NOTE 5)



DESIGN SPEED = 70 M.P.H. (SEE NOTE 5)

NOTES:

1. THE CIRCLES REPRESENT THE BARRELS. THE NUMBER INSIDE THE BARREL INDICATES THE WEIGHT OF SAND IN POUNDS.
2. 2'-6" MIN. CLEARANCE TYPICAL BOTH SIDES APPLICABLE TO ALL ARRAY APPLICATIONS.
3. SAND BARRELS SHALL BE LOCATED TO SHIELD THE HAZARD FROM SIDE ANGLE IMPACTS.
4. SPACING BETWEEN BARRELS SHALL BE 6" MINIMUM.
5. THE DESIGN VELOCITY SPEEDS OF 65 AND 70 MPH EXCEEDS NCHRP REPORT 350 TEST LEVEL 3 IMPACT CONDITIONS. TYPICAL IMPACTS INTO THIS ARRAY MAY NOT RESULT IN ACCEPTABLE CRASH PERFORMANCE AS DESCRIBED IN NCHRP REPORT 350 RELATIVE TO STRUCTURAL ADEQUACY, OCCUPANT RISK AND VEHICLE TRAJECTORY.

SPECIFICATION 104 & 606	CATEGORY CODE ITEMS	Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES CRASH CUSHION SAND FILLED PLASTIC BARRELS (TEMPORARY OR PERMANENT)	
APPROVED	 DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT		
	APPROVAL • SHA REVISIONS APPROVAL 8-20-03 REVISED REVISED REVISED		APPROVAL • FEDERAL HIGHWAY ADMINISTRATION APPROVAL 9-23-03 REVISED REVISED REVISED
	STANDARD NO. MD 104.01-72		