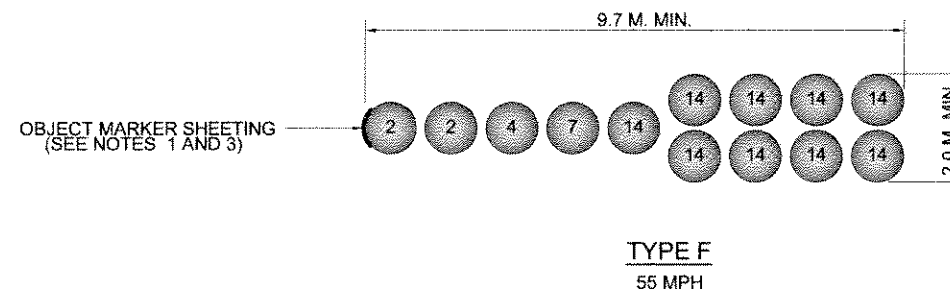
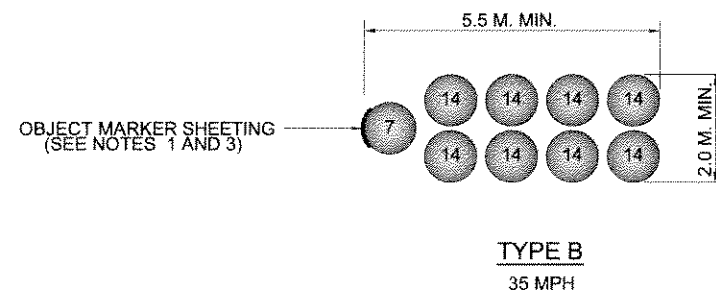
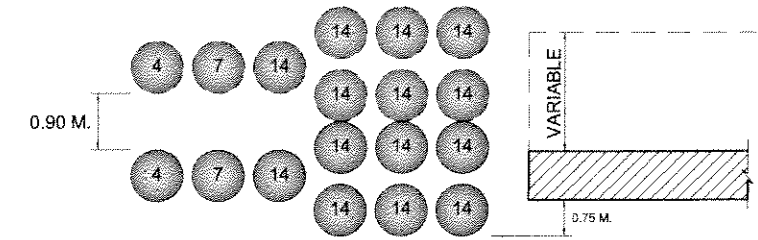
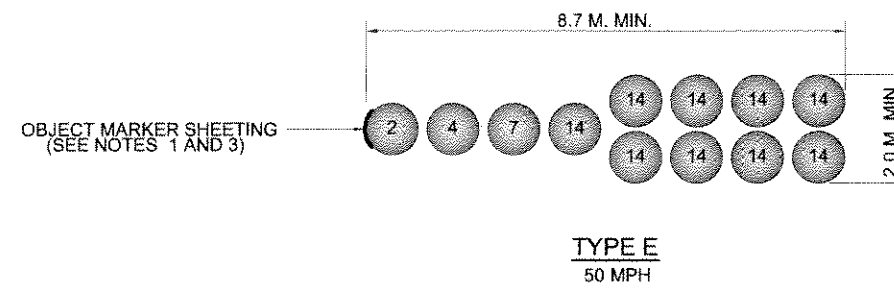
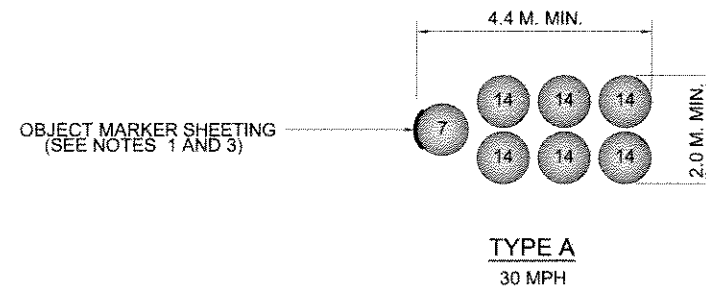
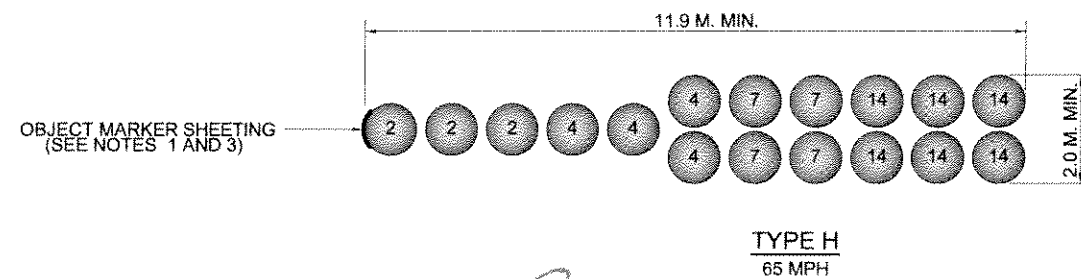
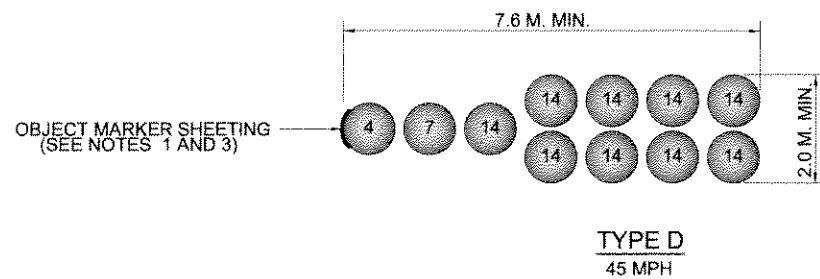
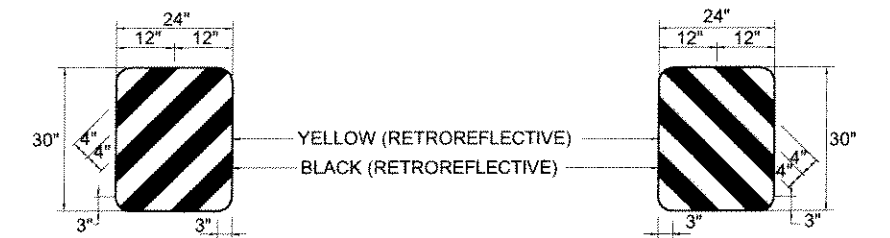
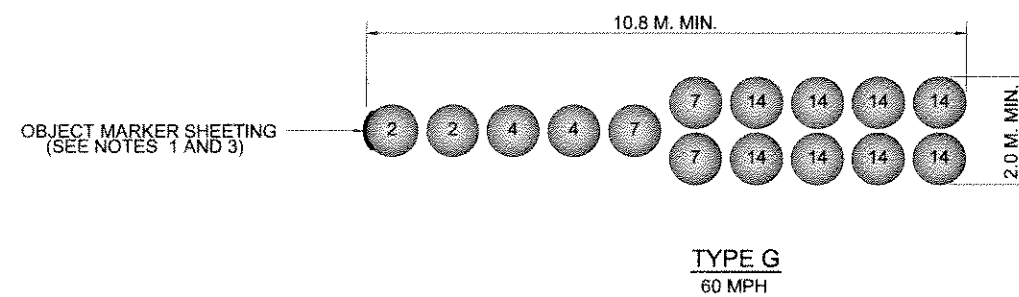
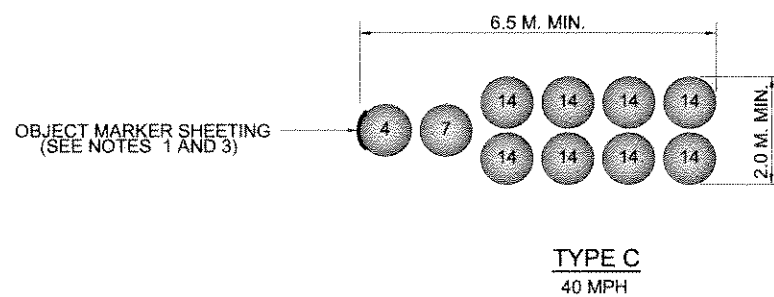
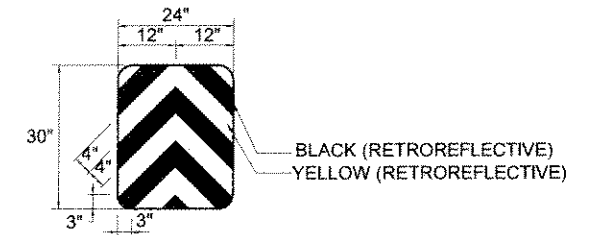


TYPICAL MODULE ARRAYS WITH CORRESPONDING DESIGN SPEED AND SAND WEIGHT (X 100 LBS.)



**BARRIER ARRAYS FOR FIXED OBJECT OF VARIABLE WIDTH (45 MPH)**



**NOTES:**

1. OBJECT MARKER SHEETING SHALL BE TYPE R OR P DEPENDING ON DIRECTION OF TRAVEL (SEE OBJECT MARKER SHEETING DETAIL) ON THIS SHEET.
2. WHEN THE TYPICAL MODULE ARRAYS ARE NOT POSSIBLE THE CONTRACTOR MAY USE THE ALTERNATE MODULE ARRAYS WITH THE PRHTA APPROVAL.
3. OBJECT MARKER SHEETING SHALL BE A SELF-ADHESIVE FLEXIBLE SHEETING WITH ENCAPSULATED GLASS-BEAD RETROREFLECTIVE MATERIAL MEETING THE REQUIREMENTS OF ASTM D4595 TYPE III.



COMMONWEALTH OF PUERTO RICO  
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS  
HIGHWAY AND TRANSPORTATION AUTHORITY

STANDARD DRAWING APPROVED BY:

DATE: 2/21/10

ASSISTANT EXECUTIVE DIRECTOR FOR INFRASTRUCTURE

DATE: 1/25/10

ASSISTANT EXECUTIVE DIRECTOR FOR TRAFFIC AND TOLL ROADS

IMPACT ATTENUATOR  
TYPICAL MODULE ARRAYS

IA-03

JANUARY 2010