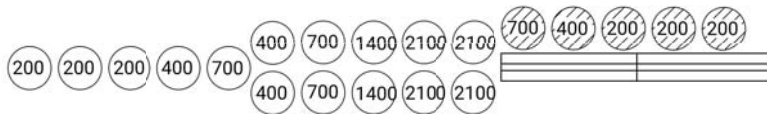


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	468-2019-085422	2019	CU503	19

HIGH SPEED TL-3
(V > 45 MPH)



INERTIAL BARRIER SYSTEM			
Station	Side	Design Speed	Comments
N/A		60 MPH	I-135 SOUTH BOUND
N/A		60 MPH	I-135 NORTH BOUND

GENERAL NOTE

This drawing details general configurations for Inertial Barrier Systems. Some project specific conditions may require variations which are designed to meet prevailing criteria.

Use Inertial Barrier System consisting of the units as shown for the specified design speed, all hardware and attachments.

Install Inertial Barrier System on a flat, stable base with cross-slope no steeper than 10:1. See Manufacturer's recommendations for module materials and method of installation.

See standard specifications for mixture to fill modules requirements.

Provide a 6" spacing between modules and one foot between the end of concrete barrier or other rigid object.

When installed as part of project traffic control, the bid item "Inertial Barrier" includes the original installation and required relocations.

Keep available replacement modules to replace any size module used on site, Engineer's direction.

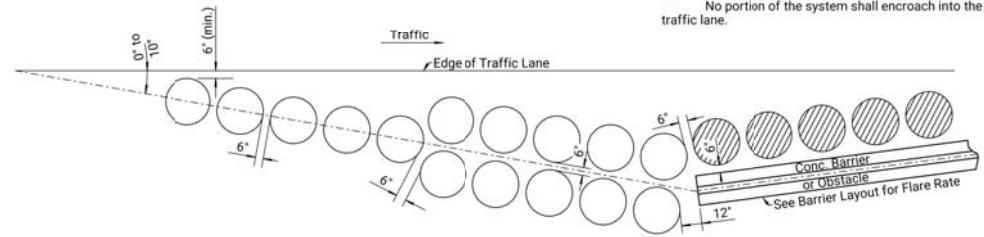
Inertial Barrier System modules damaged by the Contractor during relocation of Inertial Barrier System are replaced at the Contractor's expense.

Module weights shown are in pounds.

Install 270 square inches of Type 11 High Performance (vertical rectangular or diamond shape) reflective sheeting on first module of Inertial Barrier System facing traffic.

Where sufficient space is available the Inertial Barrier System may be aligned at an angle, not to exceed 10°, in the direction of approach traffic.

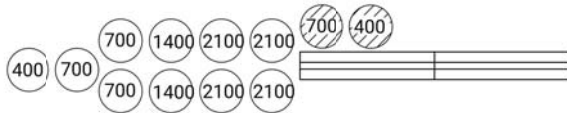
No portion of the system shall encroach into the approach traffic lane.



TYPICAL PLAN of INERTIAL BARRIER

When two-way traffic is adjacent to only one side of Concrete Barrier or Obstacle, these additional modules will be placed on the Traffic Side of Concrete Barrier or Obstacle. Traffic adjacent to both sides of the Concrete Barrier or Obstacle requires an additional set of modules each side if approach traffic is exposed to the back portion of the Inertial Barrier. These additional modules are not required along the sides of Concrete Barrier or Obstacle when its location is outside the Clear Zone or one-way directional traffic.

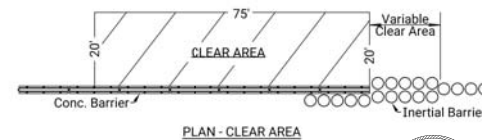
LOW SPEED TL-2
(V ≤ 45 MPH)



Fill module to correct weight for its position in array.



PLAN
Replacement Module



PLAN - CLEAR AREA

NO.	DATE	REVISIONS	BY	APP'D.
8	1-27-15	Rev. Layouts (TL2/TL3)	KJK	JOB
7	5-17-15	Added Detail, Clear Area	SWK	JOB
6	2-3-12	Revised General Note	SWK	JOB
5	6-27-11	Revised notes & Typical Plan detail	SWK	JOB

INERTIAL BARRIER
(TL2 or TL3)

KANSAS DEPARTMENT OF TRANSPORTATION			
RD620			
DESIGNED	DATE	QUANTITIES	TRACED
	9-16-15		

