## 55 MPH (90 km/h) DESIGN - 70' (21 m) MEDIAN ALIGN VERTICAL CONNECTING STRIPS (IF USED) ON BARRELS AT 45° TO THE EDGE OF TRAFFIC LANE. (ALL BARRELS) (48.8 m) TRAFFIC EDGE OF PAVEMENT-2' TYP. (600 mm) P.I. OF SHOULDER 6" TYP. (150 mm) ¢ OF INERTIAL BARRIER 10:1 10:10 SLOPE TO DRAIN <u>←PIER</u>-EXISTING MEDIAN DITCH NUMBERS INDICATE HUNDREDS OF POUNDS (Kilograms) OF OF INERTIAL BARRIER 10:1 ATTENUATOR BASE -SLOPE TO DRAIN (SEE BASE DETAIL) - P.I. OF SHOULDER EDGE OF PAVEMENT TRAFFIC \_\_\_\_ 31'-6'' (9.6 m) 15′-6″ (4.7 m) 16'-0'' (4.9 m) 10:1 (1:10)

## SECTION A-A GRADING AND SHAPING DETAIL

EXISTING CROSS SECTION

## GENERAL NOTES

- 1. ALL 10:1 (1:10) SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 (1:10) OR FLATTER.
- 2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
- 3. THE LENGTH X WIDTH OF MODULE LAYOUT IS 27.5'  $\times$  7.0': 12 MODULES 12.700 LBS. (8.4 m  $\times$  2.1 m : 12 MODULES 5761 kg).
- 4. IN AREAS OF 10:1 (1:10) SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' (1.5 m) INTERVALS IN THE MEDIAN ¢. SEE SPECIAL PROVISIONS AND SCHEDULES.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

PORTLAND CEMENT CONCRETE, 6"

BASE DETAIL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		

							DISTRICT 5 DETAIL NO. Z0030150E				
FILE NAME =	USER NAME = craigre	DESIGNED -	REVISED - 11/06					F.A.	SECTION	COUNTY	TOTAL SHEET
c:\pw_work\pwidot\craigre\d0101509\z0030 <mark>1</mark> 50e.dgn		DRAWN -	REVISED - 12/08	STATE OF ILLINOIS	IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3						0.122.10
	PLOT SCALE = 40.000 ' / in.	CHECKED -	REVISED - 05/11	DEPARTMENT OF TRANSPORTATION					CONTRACT	NO.	
	PLOT DATE = 5/11/2011	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED, ROAD	DIST, NO. ILLINOIS FED. AID		