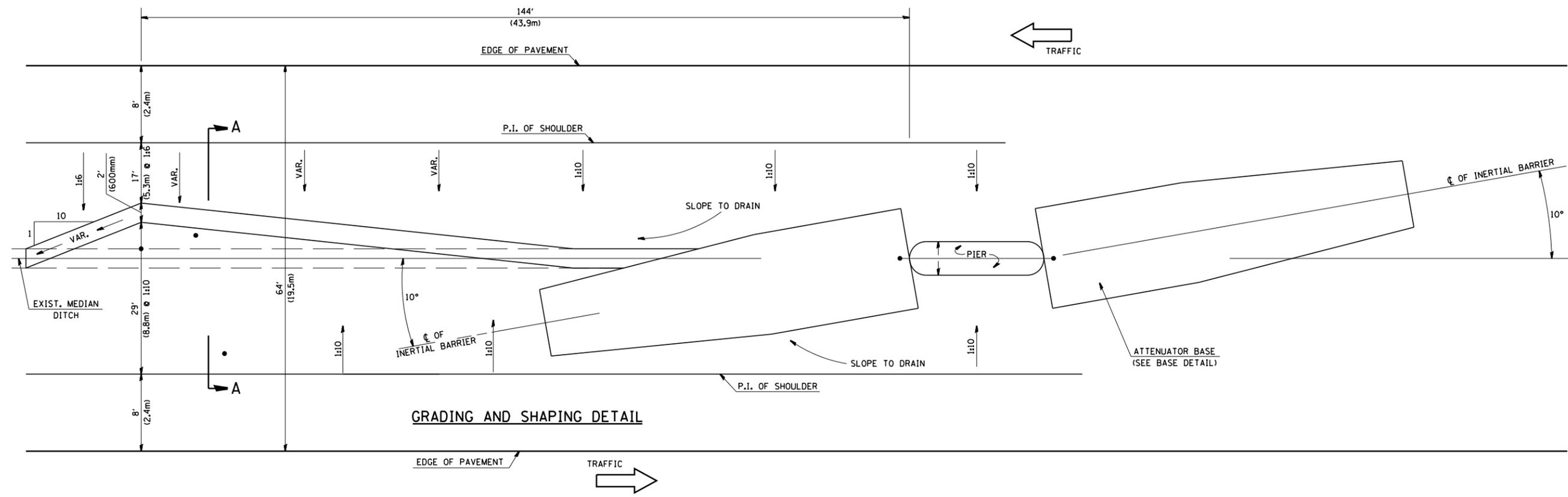
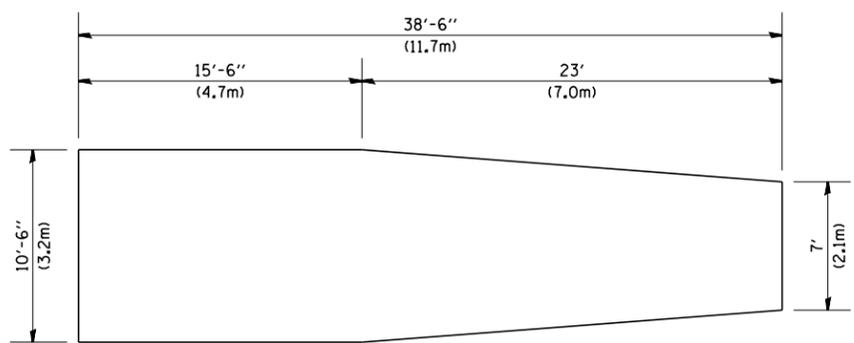


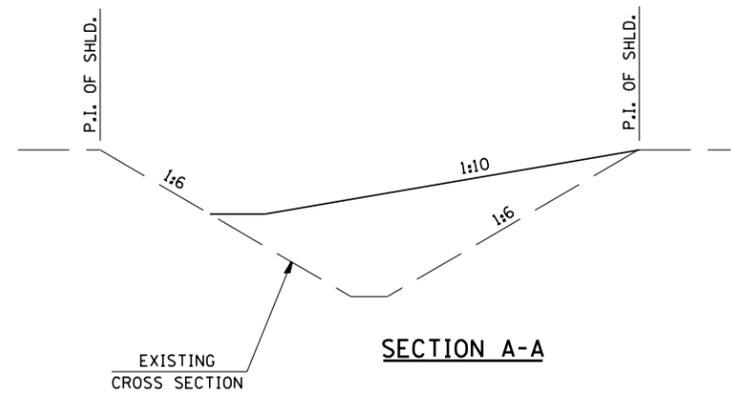
# DETAIL OF INERTIAL BARRIERS (55 MPH DESIGN – 64' MEDIAN)



**GRADING AND SHAPING DETAIL**



**BASE DETAIL**



**SECTION A-A**

**GENERAL NOTES**

1. ALL 1:10 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 1:10 OR FLATTER.
2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
3. ATTENUATOR BASE AND BARREL ARRAY SHALL BE INSTALLED IN ACCORDANCE WITH STATE STANDARD 643001 AND MANUFACTURER'S SPECIFICATIONS.
4. IN AREAS OF 1:10 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' (1.5m) INTERVALS IN THE MEDIAN  $\phi$ . SEE SPECIAL PROVISIONS AND SCHEDULES.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H)

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

**DESIGNER NOTES:**  
 1. Include BDE Special Provision "Impact Attenuators"  
 2. Contact the Bridge Office about crash wall details if it needs to be raised.  
 3. Designer should review Median Drainage.  
 4. Verify Dist. STD No. for Design Speed & Median Width.

01-01-97	RENUM. F-3.02a, NEW REVISION BOX, REVISED	T.P.	03-15-12	REMOVED BARRELS	R.D.	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MEDIAN SAND MODULE IMPACT ATTENUATOR 64' MEDIAN</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TITLE BOX, REVISED NOTES							90-114R(14HB-4,14,14HVB)BRJ	TAZEWELL	2433	2132	
08-02	REVISED & ADDED	M.A.						CONTRACT NO. 68620				
10-16-06	REVISED TO 2007 SPEC.	M.A.						CADD STD. 650003-D4		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

NOT TO SCALE

CADD STD. 650003-D4