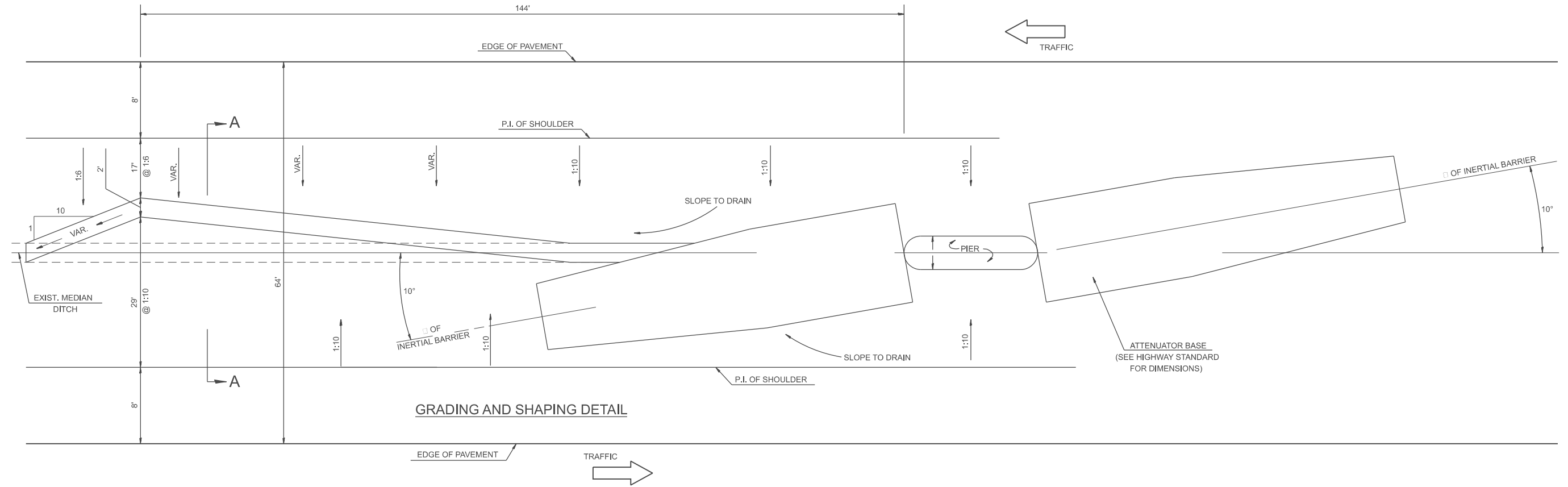
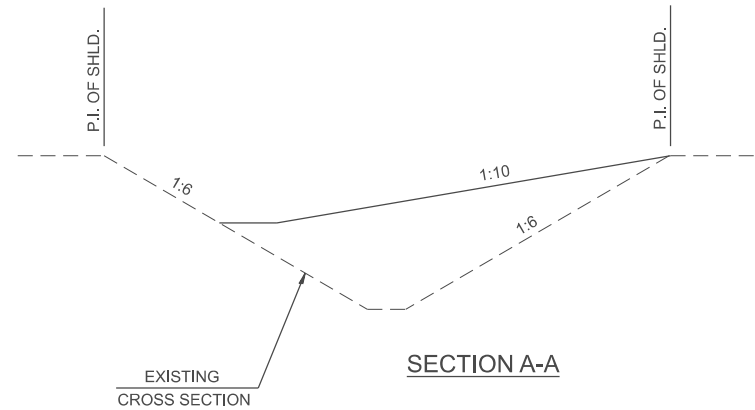


# DETAIL OF INERTIAL BARRIERS (55 MPH DESIGN - 64' MEDIAN)



**GRADING AND SHAPING 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' INTERVALS IN THE MEDIAN □, 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 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.

MODEL: SHT\_PLAN4\_Verify\_Dist STD No. for Design Speed & Median Width.  
FILE NAME: C:\Bentley\CONNECTIONS\10110\organization-Chil\DOT\_Standards\Civil\DOT\_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/7/2022	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MEDIAN SAND MODULE IMPACT ATTENUATOR  
64' MEDIAN**

SCALE: NOT TO SCALE SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DISTRICT 4 DETAIL NO. 650003			
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				