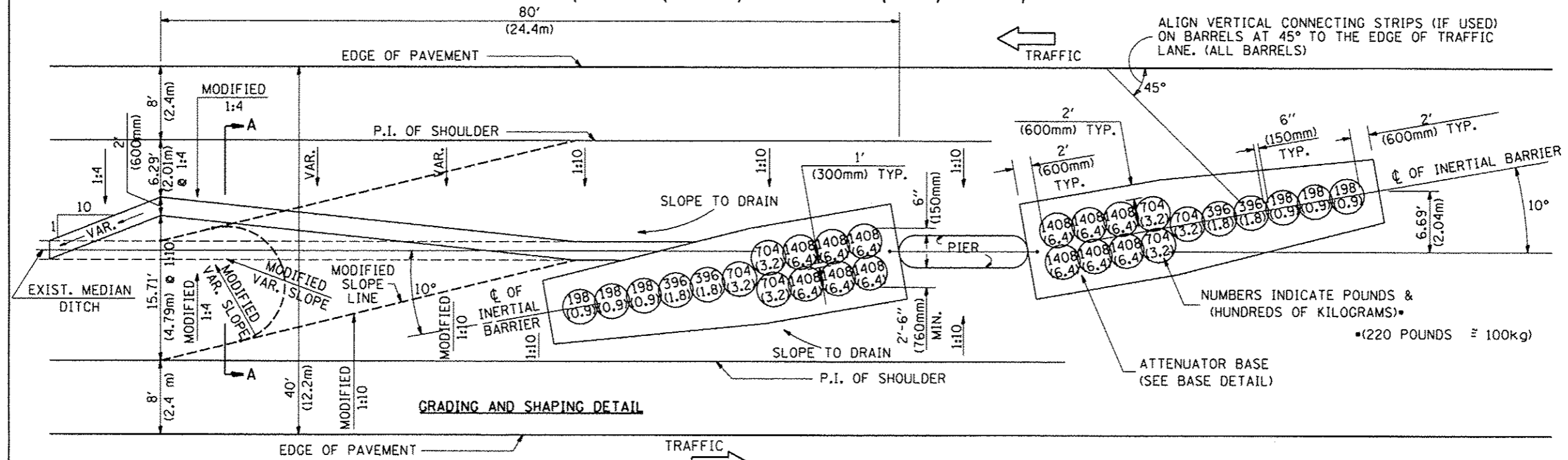


DETAIL OF INERTIAL BARRIERS

(55 MPH (90 km/h) DESIGN - 40' (12.2m) MEDIAN)

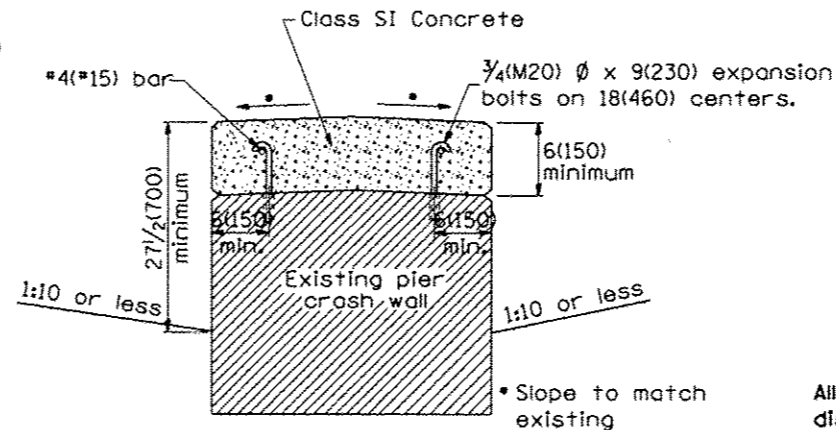
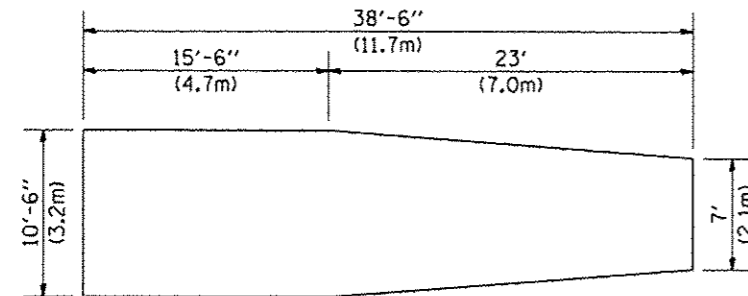
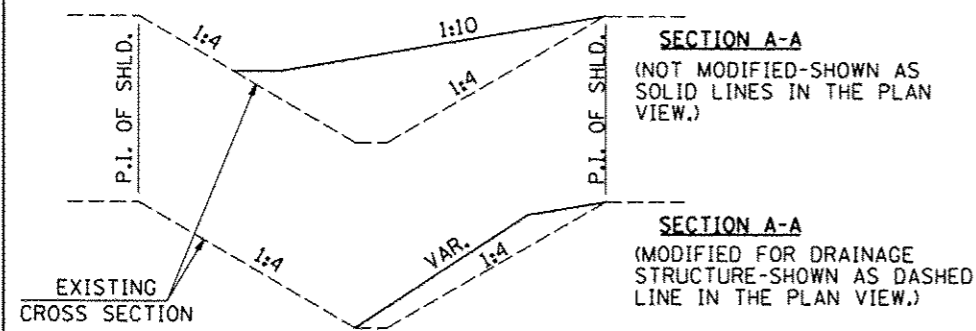


ALIGN VERTICAL CONNECTING STRIPS (IF USED) ON BARRELS AT 45° TO THE EDGE OF TRAFFIC LANE. (ALL BARRELS)

NUMBERS INDICATE POUNDS & (HUNDREDS OF KILOGRAMS)
 * (220 POUNDS ≈ 100kg)

GENERAL NOTES

1. ALL 1:10 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 1:10 OR FLATTER.
2. ANY EXISTING DRAINAGE STRUCTURES LOCATED WITHIN THE 80' (24.4m) WORKING AREA SHALL BE MODIFIED OR LEFT IN PLACE AS SHOWN ON THE PLANS. WHERE THE EXISTING DRAINAGE STRUCTURES ARE TO REMAIN IN PLACE, THE SLOPES ARE TO BE CONSTRUCTED AS SHOWN AS MODIFIED SLOPES ON THIS DETAIL AND AS DIRECTED BY THE ENGINEER.
3. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
4. THE LENGTH X WIDTH OF MODULE LAYOUT IS 34.5' x 6.5' (10.52m x 1.98m)
 14 MODULES - MASS 11,900 LBS. (5430kg)
5. IN AREAS OF 1:10 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR WOOD POSTS SHALL BE PLACED AT 5' (1.5m) INTERVALS IN THE MEDIAN C, SEE SPECIAL PROVISIONS.



TYPICAL PIER CRASH WALL RECONSTRUCTION
 (Optional: Reconstruction required in order to meet 27 1/2 (700) minimum height.)

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.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MEDIAN SAND MODULE IMPACT ATTENUATOR
 55 MPH DESIGN - 40' MEDIAN
 NOT TO SCALE

ROUTE	SECTION	COUNTY	SHEET	
F.A.I. 74	[90-14HB-1(BR)]I-1	TAZEWELL	TOTAL	NO.
MKD. I-74	CONTRACT NO. 68B19		17	17

CADD STD. 650001-04