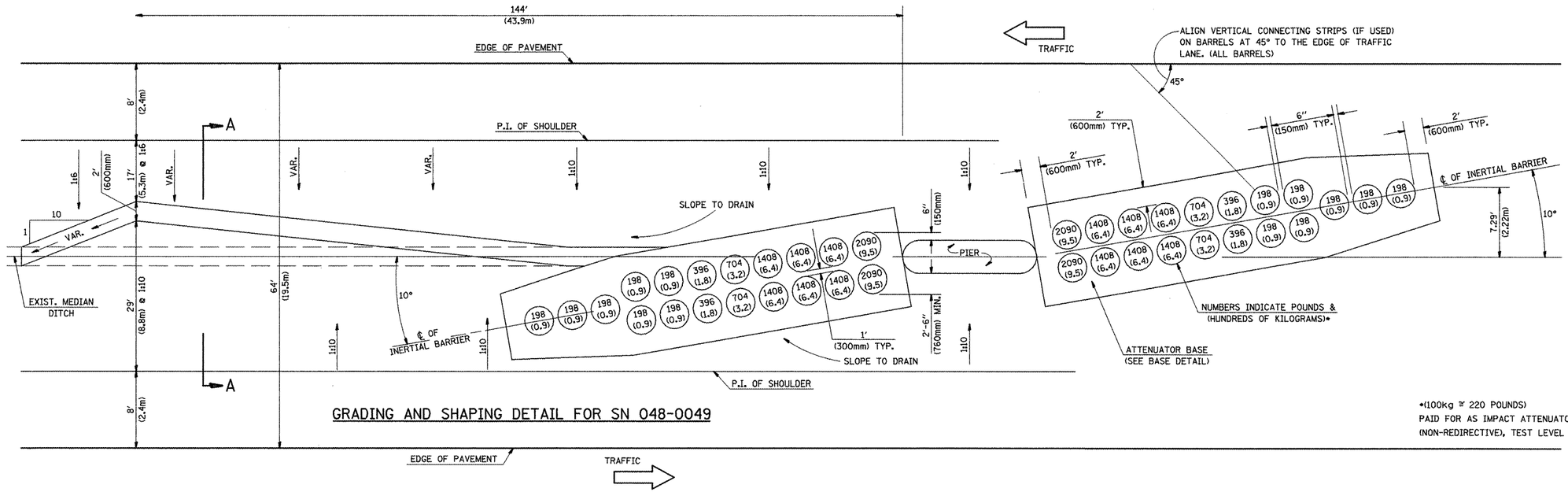
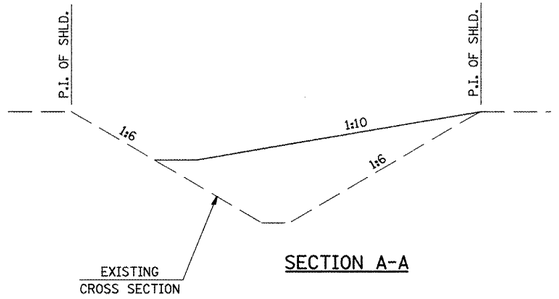
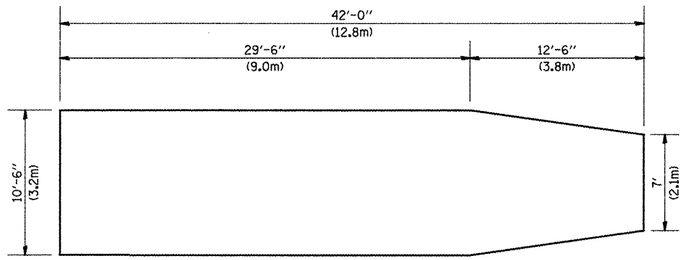
DETAIL OF INERTIAL BARRIERS

(70 MPH (110km/h) DESIGN – 64' (19.5m) MEDIAN)

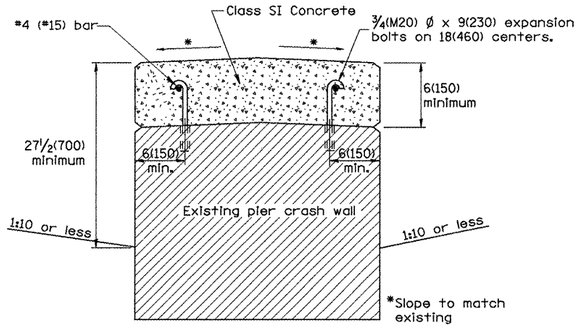




SECTION A-A



BASE DETAIL FOR SN 048-0049



TYPICAL PIER CRASH WALL RECONSTRUCTION

(Optional: Reconstruction required in order to meet 27½(700) minimum height.)

CRASH WALL LOCATIONS:

STA. 529+12.92 - SN 048-0049
STA. 636+30 - SN 048-003

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. THE LENGTH X WIDTH OF MODULE IS 38.0' x 6.5' (11.58m x 1.98m) 19 MODULES - MASS 17,600 LBS. (7990kg)
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 ℄, 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 Special Provision "Sand Modul Impact Attenuators"
2. If used, tabulate the "Class SI Concrete" and "Expansion Bolts" quantities to raise the Pier Crash Walls.
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.												
	TITLE BOX, REVISED NOTES													
08-02	REVISED	M.A.												
10-16-06	REVISED TO 2007 SPEC.	M.A.												

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN SAND MODULE IMPACT ATTENUATOR
70 MPH DESIGN – 64' MEDIAN

NOT TO SCALE — CADD STD. 650004-D4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27RS-3; (27HB-5)I, I-1)	KNOX	104	102
		CONTRACT NO. 68062		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		