



ALIGNMENT OF ATTENUATOR, PAD AND ROADWAY

Distance A		Comment
Test Level 3	Test Level 2	
148'-0	132'-0	Use appropriate designated impact attenuator test level

NOTES:

- The pad and grading details shown on this drawing shall be used as applicable to attenuator system required for one end or both ends of the obstruction.
- Contractor shall follow manufacturer's recommendations for actual pad size for a particular impact attenuator system.
- Align the centerline of attenuator system parallel to centerline of the roadway. A maximum angle of 5°, as measured between the longitudinal center line of the roadway and an impact attenuator system type ED is allowed for gravel barrel array. See Standard Drawing E 601-IAED-01 for gravel barrel layout and pad size.
- Variation in transverse slope over the length of the pad shall not vary more than 2%.
- Attenuator system including pad shall not encroach on shoulder of the roadway.
- Limit of longitudinal downward slope 20:1.
- Transition slope shall be a maximum of 10:1 downward.
- For a concrete pad adjacent to the outside shoulder area, a distance of $\frac{3}{4}$ " beyond the far edge of concrete pad from the travel lane shall be sloped 20:1 before gradual transition to existing slope.

INDIANA DEPARTMENT OF TRANSPORTATION	
GRADING AT MEDIAN IMPACT ATTENUATOR	
SEPTEMBER 2000	
STANDARD DRAWING NO. E 601-GAIA-01	
	/s/ Anthony L. Uremovich 9-01-00 DESIGN STANDARDS ENGINEER DATE
	/s/ Firooz Zandi 9-01-00 CHIEF HIGHWAY ENGINEER DATE