



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:

1. 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.
2. Contractor shall follow manufacturer's recommendations for actual pad size for a particular impact attenuator system.
- ③ 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.
4. Variation in transverse slope over the length of the pad shall not vary more than 2%.
5. Attenuator system including pad shall not encroach on shoulder of the roadway.
- ⑥ Limit of longitudinal downward slope 20:1.
- ⑦ Transition slope shall be a maximum of 10:1 downward.
- ⑧ 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