

Attenuator Type	Test Level 3 (TL-3)	Test Level 2 (TL-2)	Test Level 1 (TL-1)
	Offset Dimension $D1$ or $D2$ (if applicable)	Offset Dimension $D1$ or $D2$ (if applicable)	Offset Dimension $D1$ or $D2$ (if applicable)
ED	* $25 \text{ ft} \leq D1 \leq 50 \text{ ft}$ $25 \text{ ft} \leq D2 \leq 50 \text{ ft}$	* $D1 = 25 \text{ ft}$ $D2 = 25 \text{ ft}$	n/a
R1	$10 \text{ ft} < D1 \leq 50 \text{ ft}$ $D2 > 50 \text{ ft}$	$10 \text{ ft} < D1 \leq 25 \text{ ft}$ $D2 > 25 \text{ ft}$	n/a
R2	$10 \text{ ft} < D1 < 25 \text{ ft}$ $D2 \leq 50 \text{ ft}$	$10 \text{ ft} < D1 < 25 \text{ ft}$ $D2 \leq 25 \text{ ft}$	n/a
CR	$D1 \leq 10 \text{ ft}$	$D1 \leq 10 \text{ ft}$	n/a
LS	n/a	n/a	$D1 \leq 18 \text{ ft}$
None Required	$D1 > 50 \text{ ft}$	$D1 > 25 \text{ ft}$	$D1 > 18 \text{ ft}$

Notes:

$D1$ = Offset dimension from edge of obstruction face to edge of travel lane in the direction of travel under consideration.

$D2$ = Offset dimension from edge of obstruction face to edge of travel lane on the opposite side of the obstruction, if applicable.

$D1$ and $D2$ are based upon clear-zone requirements. See Section 49-8.04(02) and Figure 49-8C for additional information regarding $D1$ and $D2$.

* The required $D1 \geq 25 \text{ ft}$ is for installation of impact attenuator Type ED, gravel barrel array only.

IMPACT-ATTENUATOR TYPE DETERMINATION

Figure 49-8D