CMF / CRF Details

CMF ID: 10603

Install a pedestrian hybrid beacon (PHB or HAWK)

Description:

Prior Condition: No Prior Condition(s)

Category: Pedestrians

Study: Evaluation of Pedestrian Hybrid Beacons on Arizona Highways, Fitzpatrick

et al., 2019

Star Quality Rating: [View score details]

Crash Modification Factor (CMF)		
Value:	0.774	
Adjusted Standard Error:		
Unadjusted Standard Error:	0.092	

Crash Reduction Factor (CRF)		
Value:	22.6 (This value indicates a decrease in crashes)	
Adjusted Standard Error:		
Unadjusted Standard Error:	9.2	

Applicability	
Crash Type:	Angle
Crash Severity:	All
Roadway Types:	All
Number of Lanes:	
Road Division Type:	
Speed Limit:	
Area Type:	Urban and suburban
Traffic Volume:	
Time of Day:	All
If countermeasure is intersection-based	
Intersection Type:	Roadway/roadway (not interchange related)
Intersection Geometry:	3-leg,4-leg,Not specified
Traffic Control:	Not specified
Major Road Traffic Volume:	5400 to 47627 Annual Average Daily Traffic (AADT)
Minor Road Traffic Volume:	

Development Details	
Date Range of Data Used:	2007 to 2017
Municipality:	
State:	AZ
Country:	
Type of Methodology Used:	2

Sample Size Used:

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Dec-17-2020
Comments:	The reference group consisted of 101 unsignalized and 56 signalized intersections.

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