

CRASH MODIFICATION FACTORS – 2026

APRIL 2026

Project Type	Additional Qualifiers	Area Type	CMF	Value	Star Rating	Crash Type	Crash Severity
Pedestrian							
Median Construction	Marked, Uncontrolled Pedestrian Crossing	Urban/Suburban	175	0.54	3	Veh/Ped	All
Median Construction	Uncontrolled Pedestrian Crossing, Marked or Unmarked	Urban/Suburban	8800	0.742	4	All	All
High Visibility Crosswalk	High Visibility Crosswalk	Urban	4123	0.6	2	Veh/Ped	All
Install Shared Path	No Shared Path Present	Urban	9250	0.75	2	Veh/Bicycle	All
Install Bike Lanes	No Bike Facilities Present	Urban	4658	0.855	2	Veh/Ped	All
Install Rectangular Rapid Flashing Beacon (RRFB)	No Rectangular Rapid Flashing Beacon	All	11158	0.31	4	Veh/Ped	All
Install Pedestrian Hybrid Beacon (PHB or HAWK)	No Pedestrian Hybrid Beacon	Urban/Suburban	10585	0.883	5	All	All
J-Turn							
J Turn	Previously Two Way Stop Controlled	All	10384	0.42	4	All	All
Intersection							
Turn Lane	Install Left Turn Lane	Rural	7853	0.69	2	All	All
Turn Lane	Left Turn Land on Both Major Approaches	Rural	268	0.52	4	All	All
Turn Lane	Right Turn Lanes	All	289	0.74	4	All	All
Turn Lane	Two Way Left Turn Lanes	All	2337	0.775	4	All	All
Turn Lane	Two Way Left Turn Lanes	All	2337	0.775	4	All	All
Turn Lane	Improve Angle of Channelized Right Turn Lane	Not Specified	8431	0.397	4	Right Turn, Other	All
Single Lane Roundabout	Originally Stop Controlled	Rural	229	0.29	3	All	All
Single Lane Roundabout	Originally Stop Controlled	Urban	206	0.28	4	All	All
Single Lane Roundabout	Originally Signalized	All	225	0.52	3	All	All
Single Lane Roundabout	Originally All Way Stop Controlled	All	4932	1.114	1	All	All
Single Lane Roundabout	Originally All Way Stop Controlled	All	4933	0.544	2	All	K, A, B, C
Multi Lane Roundabout	Originally Stop Controlled	All	4927	0.367	2	All	K, A, B, C
Multi Lane Roundabout	Originally Stop Controlled	All	4926	1.06	1	All	All
Mini Roundabout	Stop Controlled to Mini Roundabout	Urban/Suburban	11522	0.633	4	All	All
Turbo Roundabout	Install Turbo Roundabout	Not Specified	2121	0.239	1	All	All
Signal Head	Add Signal (Additional Primary Head)	Urban	1414	0.72	N/A	All	All
Signal Head	Convert Signal From Pedestal-Mounted to Mast Arm	Not Specified	1420	0.51	1	All	All
Signal Head	Add Signal (One Over Each Approach Lane)	Urban	1485	0.54	1	Angle	All
Signal Head	Replace 8" Red with 12"	Not Specified	2334	0.97	4	All	All
Signal Phasing	Leading Pedestrian Interval	Urban	1993	0.413	4	Veh/Ped	All
Intersection Traffic Control	Change Permissive Left to Protected/Permissive	Urban	4140	0.58	2	All	All
Intersection Traffic Control	Change Protected/Permissive to Flashing Yellow Arrow	Urban	4177	0.806	3	Left Turn	All
Intersection Traffic Control	Install Pedestrian Countdown Timer	Not Specified	8790	0.912	5	All	All
Intersection Traffic Control	Install Pedestrian Countdown Timer	Not Specified	5272	0.3	3	Veh/Ped	All
Intersection Traffic Control	Install Adaptive Traffic Signal Control	Urban/Suburban	6858	0.79	3	All	All
Intersection Traffic Control	Change Permissive Only to Flashing Yellow Arrow	Not Specified	7684	0.598	3	Left Turn	All
Intersection Traffic Control	Change Permissive Only to Flashing Yellow Arrow	Not Specified	7690	0.901	3	All	All
Advanced Technology and ITS	Install Red-Light Indicator Lights	Not Specified	8824	0.713	5	Other	All
Roadway							
Lighting	Provide Highway Lighting	All	191	0.31	3	All	Fatal
Lighting	Provide Highway Lighting	All	192	0.72	3	Nighttime	A, B, C
Lighting	Provide Highway Lighting	All	193	0.83	3	Nighttime	PDO
Wet-Reflective Pavement Markings	Previously Standard Markings	Not Specified	8101	0.887	5	All	All
Median	Install Cable Median Barrier (High Tension)	Rural	1967	0.04	3	Cross Median, Frontal and Opposing Direction Sideswipe, Head On	All
Install Centerline and Shoulder Rumble Strips	No Existing Rumble Strips	Rural	6942	0.653	5	All	All
Improve Pavement Friction	Increased Pavement Friction	All	194	0.76	5	All	All
Road Diet	Preiously Four Lane Undivided	Urban	5553	0.748	4	All	All
Shoulder Treatments							
Widen Shoulder	Previously Narrow Paved Shoulder	Rural	6657	0.771	4	All	All
Grade Separated							
Convert to Interchange	At-Grade Intersection	Not Specified	459	0.5	1	All	All