

Pro-Active Traffic Management System

Regional Strategy Implementation Report

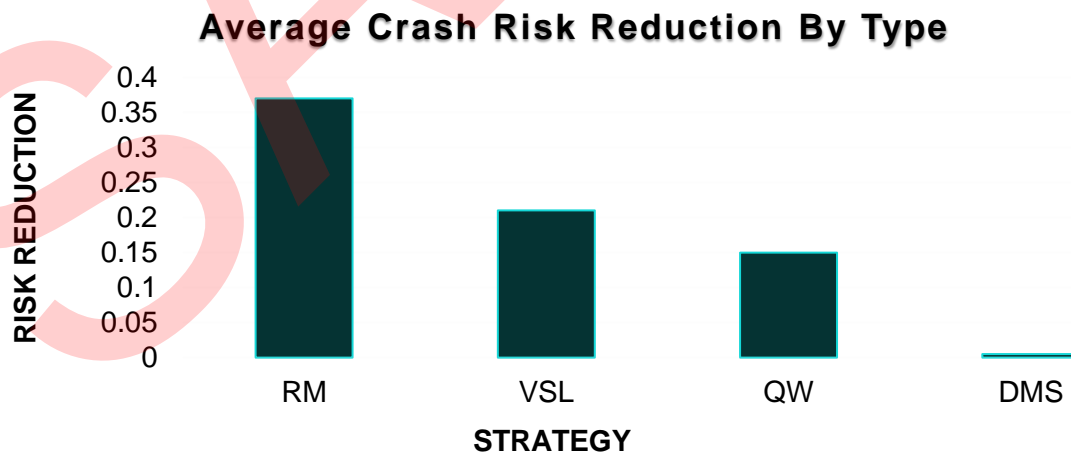
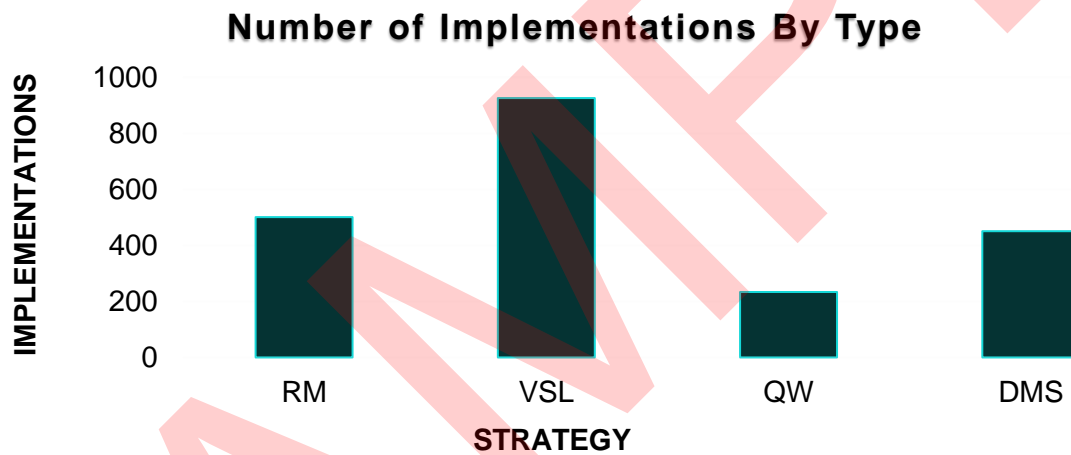
Prepared for: Greater Orlando Traffic Management Center

Region: Greater Orlando Metropolitan Area

Report Date Period: 07/01/2018-09/30/2018

1. Implementation Statistics

1) Statistics by Type of Strategy



Ramp metering benefits the traffic safety during 07/01/2018-09/30/2018.

2) Statistics by Type of Strategy per Time of Day



During 7AM-9AM, Ramp metering benefits the traffic safety the most; during 9AM-5PM Ramp Metering, Variable Speed Limit and Queue Warning benefit similarly; during 5PM-7PM Ramp metering benefits the most. Dynamic Message Sign does not benefits a lot.

3) TOP Three Routine Implementation Location

- SR 408EB from I-4 to OBT: Ramp Metering and Variable Speed Limit, 21 times

- SR 408WB from OBT to I-4: Ramp Metering, 17 times
- SR 408WB from I-4 to OBT: Variable Speed Limit, 17 times

2. Routine Strategy Recommendation

Following would be recommended to implement routinely:

Location	Strategy	Implementation Details	Expected Risk Reduction
SR 408EB from I-4 to OBT	Ramp Metering and Variable Speed Limit	7:15AM-7:30AM:60MPH; 7:30AM-7:55AM:55MPH; 7:55AM-8:10AM:60MPH; Isolated Adaptive Ramp Metering All Day Long	0.51
SR 408WB from OBT to I-4	Ramp Metering	Isolated Adaptive Ramp Metering: 7:00AM-9:45AM	0.35
SR 408WB from I-4 to OBT	Variable Speed Limit	5:00PM-7:25PM: 60MPH	0.52