CAMPO Meeting

Wrong Way Driver (WWD) & Advance Signal Warning System (ASWS) Program Updates



Rodney Schilling, P.E., PTOE NDOT Traffic Operations Chief Engineer roschilling@dot.nv.gov | 775.888.7863

February 8, 2023









































ASWS Signs
ASWS are used to alert drivers of upcoming traffic conditions, especially the potential need to stop at a signalized intersection.
ASWS include the yellow signs stationed over the roadway that often feature flashing yellow lights to warn of a traffic signal ahead.
The provide the traffic signal ahead.







ASWS SYSTEM TYPES

- ACTIVE SYSTEM: Includes signage and a flashing beacon that is connected to the signal controller, and only flashes during a signal change, such as from green to yellow, or when a signal is red.
- Best used if:
 - Signal has limited sight distance that doesn't provide proper reaction time.

 Area has heavy truck traffic, winter or other conditions that require additional stopping distance or reaction time.





ASWS Updates- When to Remove

- ASWS were previously installed based upon speed thresholds.
- NDOT's update to mirror updated Manual on Uniform Traffic Control Devices (MUTCD) guidance and account for field conditions.
- As part of the project each location had a field review conducted.
- Site specific conditions were accounted for as part of the recommendations.























