

VARIABLE SPEED LIMIT CONCEPT



THE PROBLEM

- Winter Storms
- Snow
- Blowing Snow
- Drifting
- Icy Roads
- Excessive Speed
- Fast/Slow Traffic Mix
- Crashes
- Fatalities
- Closures

GOALS

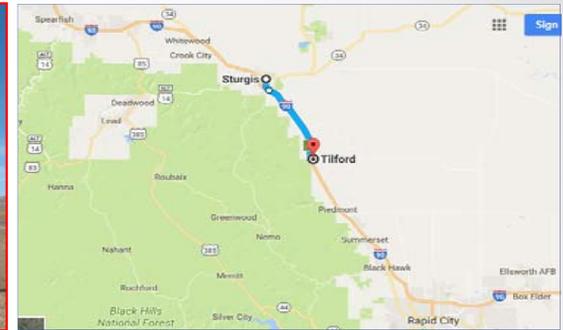
- Reduce speed during poor conditions
- Reduce traffic speed variability
- Reduce crashes & fatalities
- Reduce road closures
- Save user costs

EXPECTATIONS

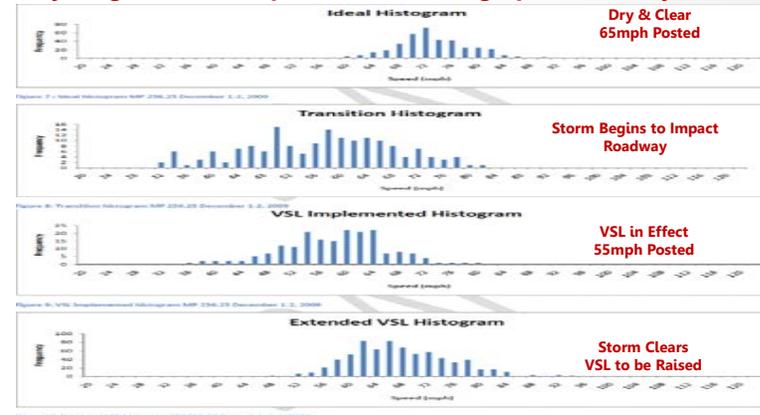
- Average speed drops ~70-80% of posted reduction
- Speed range and variation reduced significantly
- Crashes reduced ~1/2 in WY
- Fatalities reduced 1/2 in WY
- Closures reduced ~1/3 in WY
- Road user savings >> cost

ACTIONS

- Enabling legislation 2018
- Installation for 2018-2019 winter



Wyoming I-80 Storm Example Reduction of Average Speed & Variability



VSL System Overview

