

SAFETY CORRIDORS

Spencer Ulvestad

NDDOT Traffic Safety
Section of Design Division

NORTH
Dakota | Transportation
Be Legendary.™

VISION ZERO 

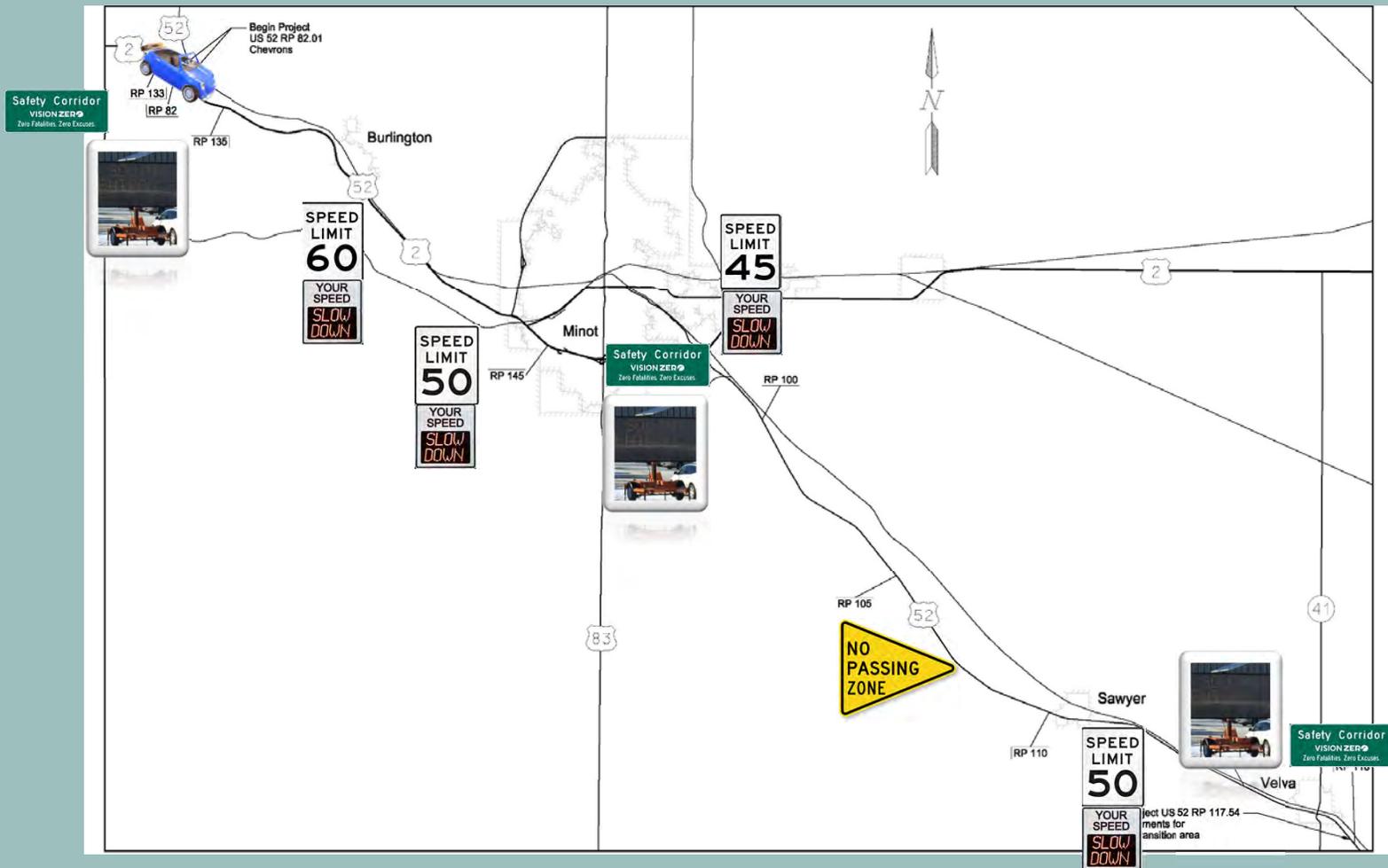
...introducing a new concept called, "**Safety Corridors**," as part of North Dakota's Vision Zero strategy to reduce motor vehicle fatalities and serious injuries to zero.

A Safety Corridor is a designated section of highway that will include enhanced safety features and an increase in law enforcement...

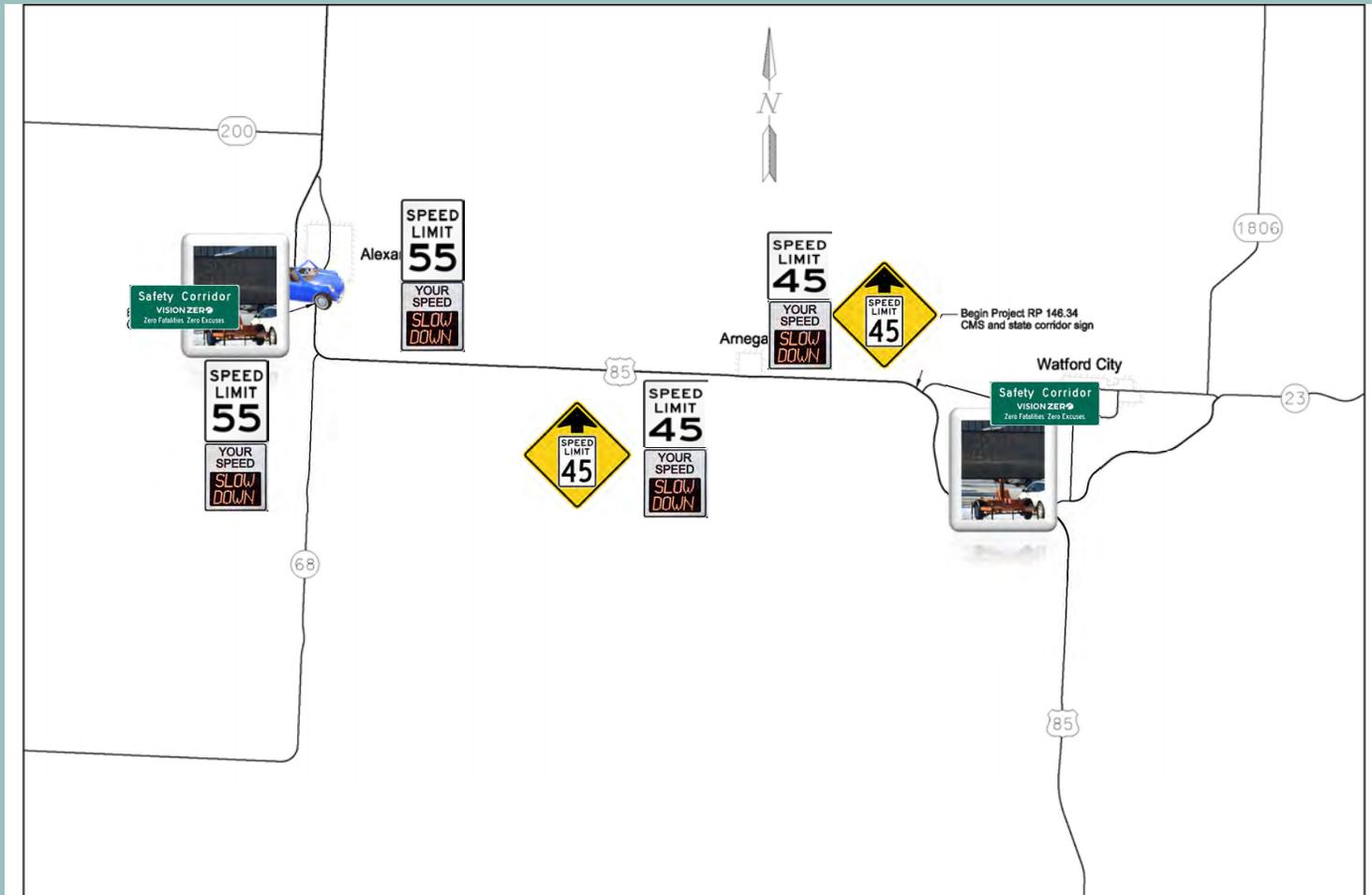
The locations are selected based on highways with a higher number of vehicle crashes. The purpose is to utilize engineering and technological solutions to change dangerous driving behavior and reduce the number of crashes on state highways.

...a Vision Zero solution in which **Engineering, Enforcement, Emergency Response and Education** work together to help reach Vision Zero's goal.

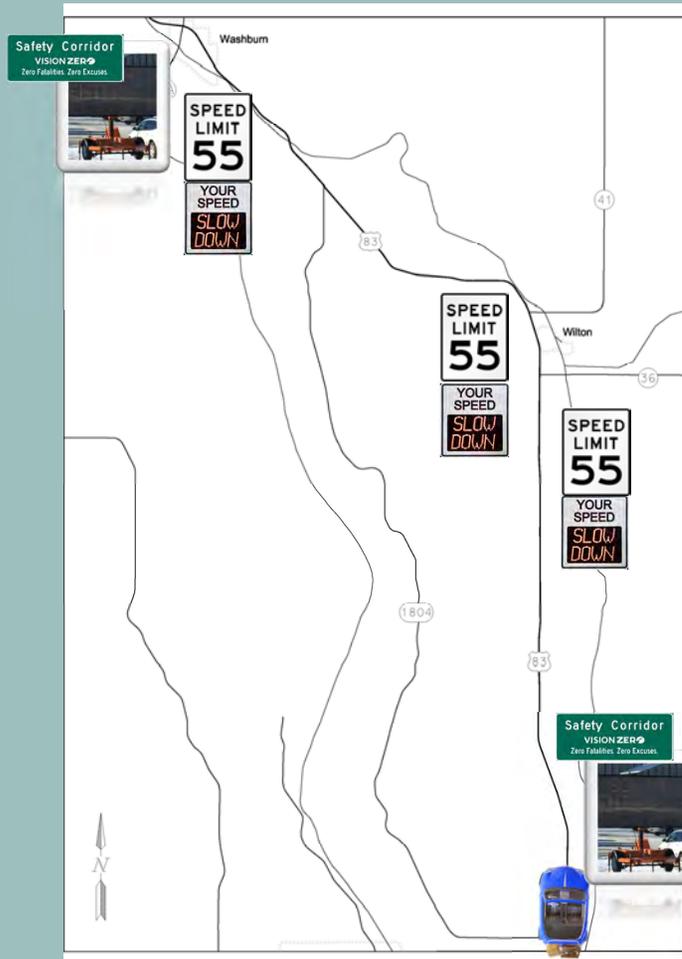
Minot Corridor - 2019 Construction



Watford City Corridor – 2019 Construction



Bismarck Corridor – 2020 construction



SAFETY STRATEGIES

- Signs at Entrance to each corridor
- 6" wet reflective pavement marking
- Dashed lines through turn lanes
- No Passing Zones
- Shoulder Turn Lanes
- Speed Reduction Areas
- Delineators: Guardrail, Roadside, Intersection
- Chevrons
- Review Mailbox Supports
- Remove signs that are not needed

ENTRANCE TO CORRIDOR

• Safety Corridor •
VISION ZERO 
• Zero Fatalities. Zero Excuses. •



Move Over for Emergency Vehicles, It's the Law

Plows Need Room to Groom

Crashes Are Not Accidents, Drive Sober

Dive Sober, Or Yule Be Sorry

Don't Be a Grinch, Move Over

Buzzed? Nice Try, That's a DUI

Drinking & Driving Impairs 2020 Vision

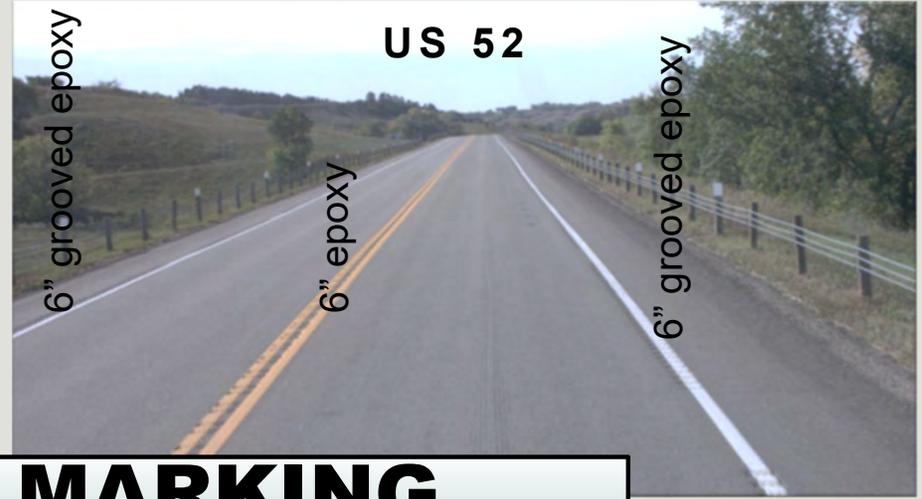
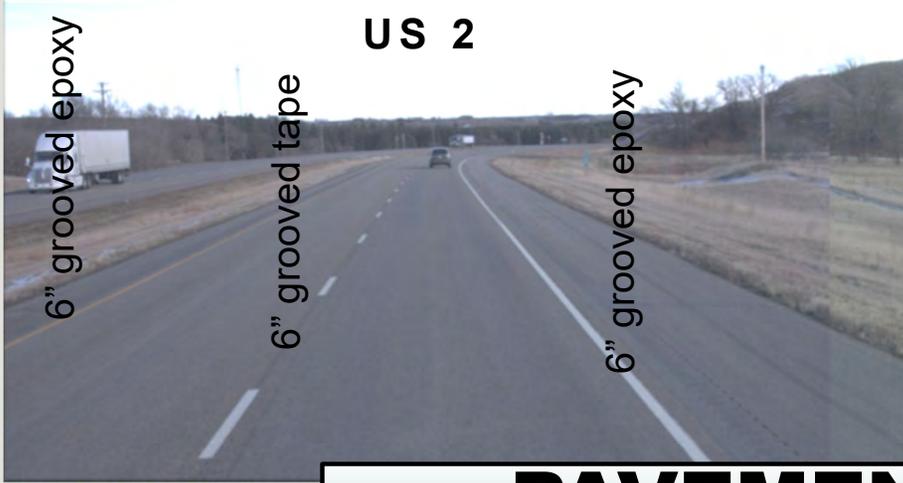
New Year, Same Mission, Zero Deaths

Life is a Gift, Call for a Lift

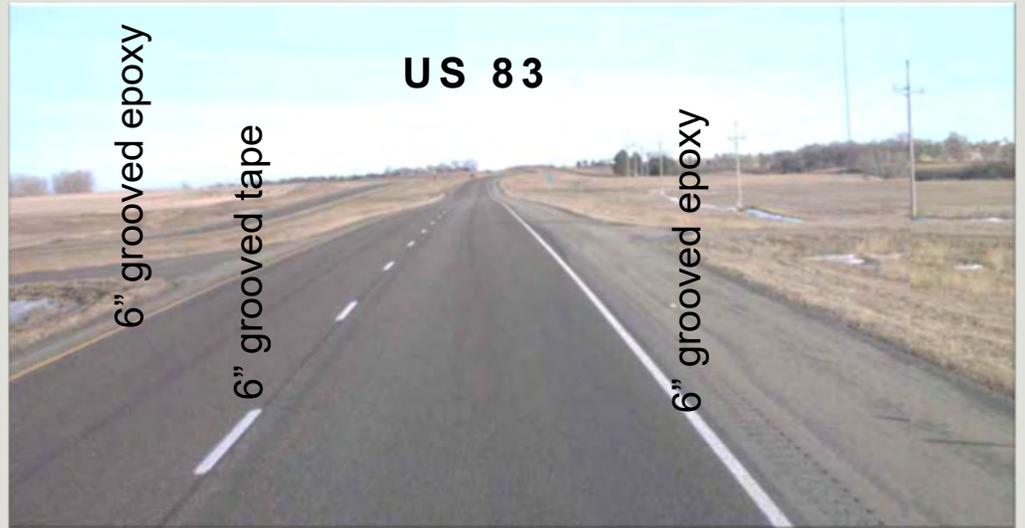
Drive Smart, Don't Break a Heart

Buckle Kids in the Back Seat

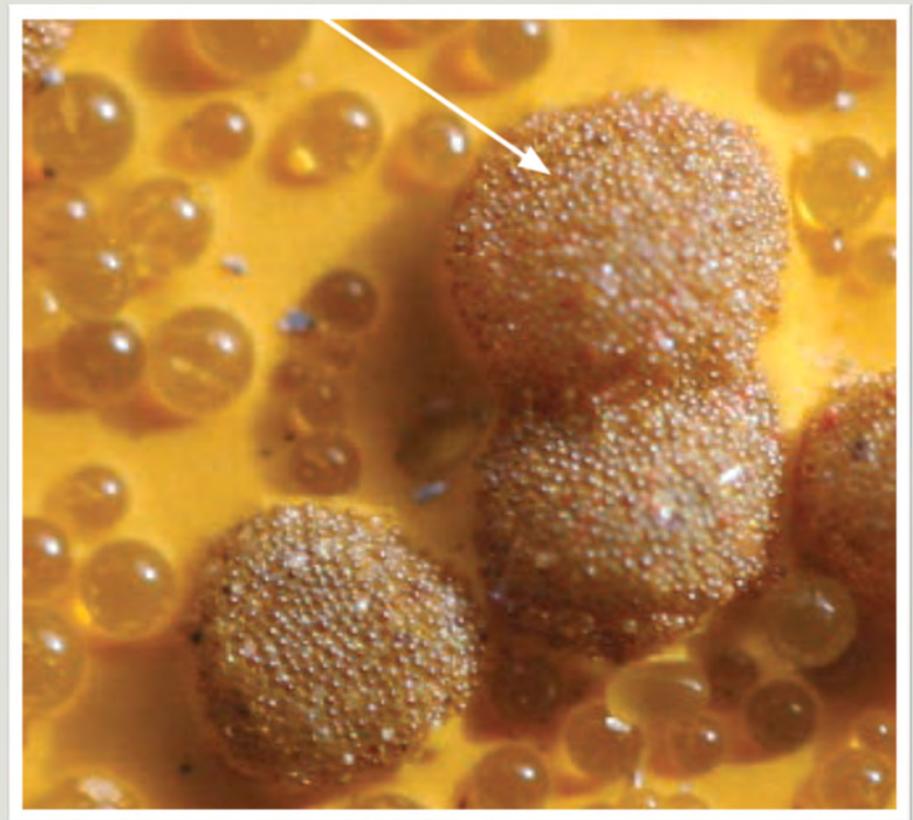
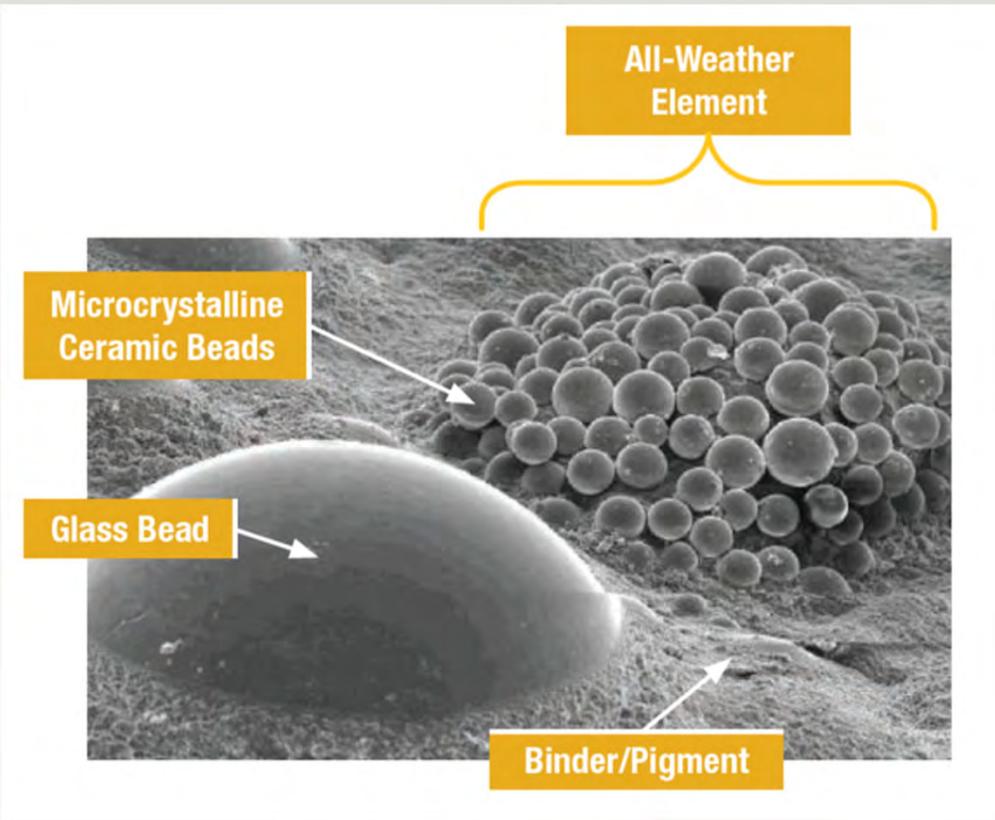
It's Love When It Clicks, Buckle Up



PAVEMENT MARKING



3M All-Weather Glass Beads

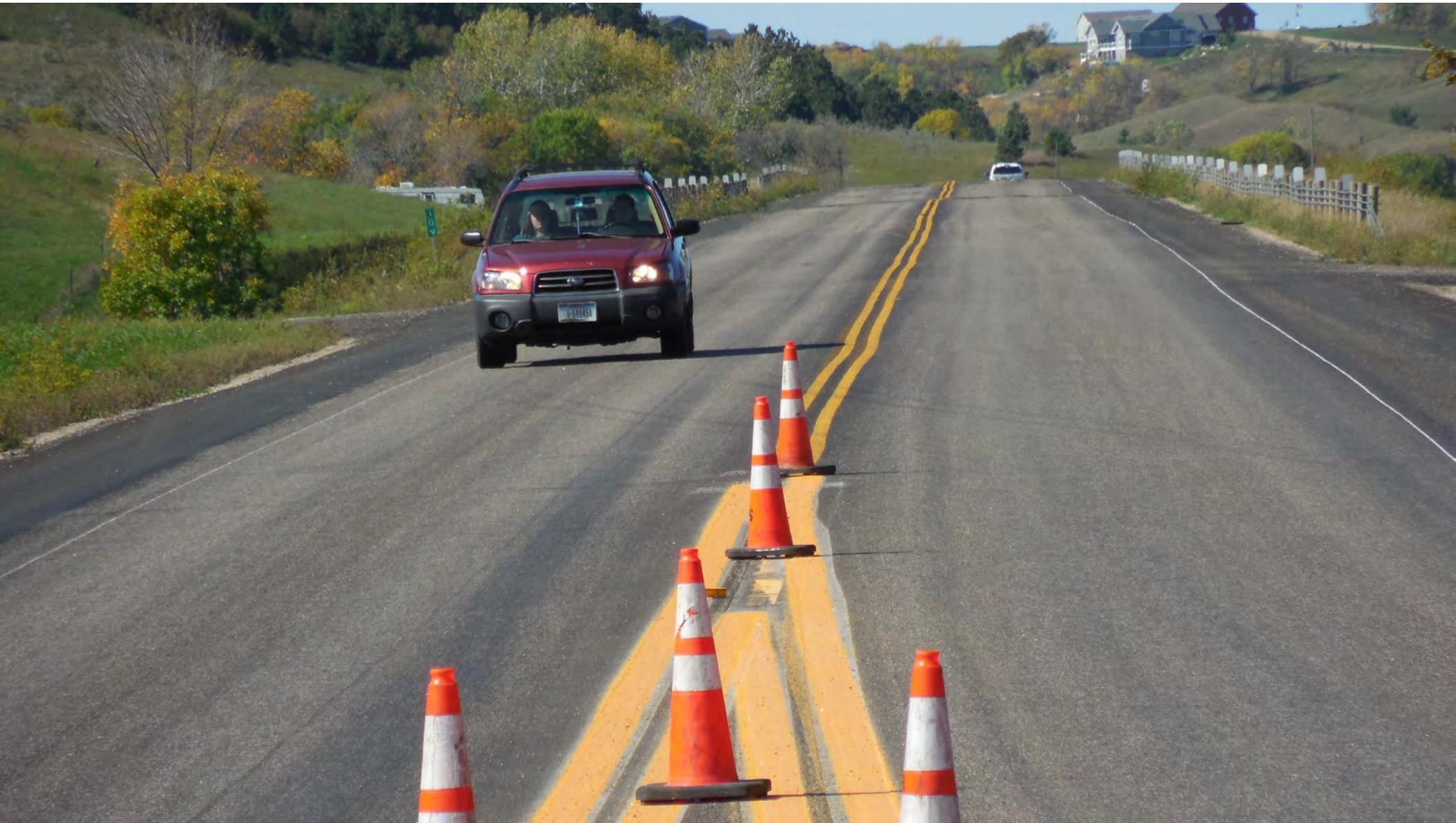






VIDEO OF CENTERLINE MARKING INSTALLATION











**DASHED LINES AT RAMP AND
TURN LANE ENTRANCES**



12/18/2019

NO PASSING ZONES

NO
PASSING
ZONE

12.03.2019

PASS
WITH
CARE

DO
NOT
PASS

DO NOT PASS



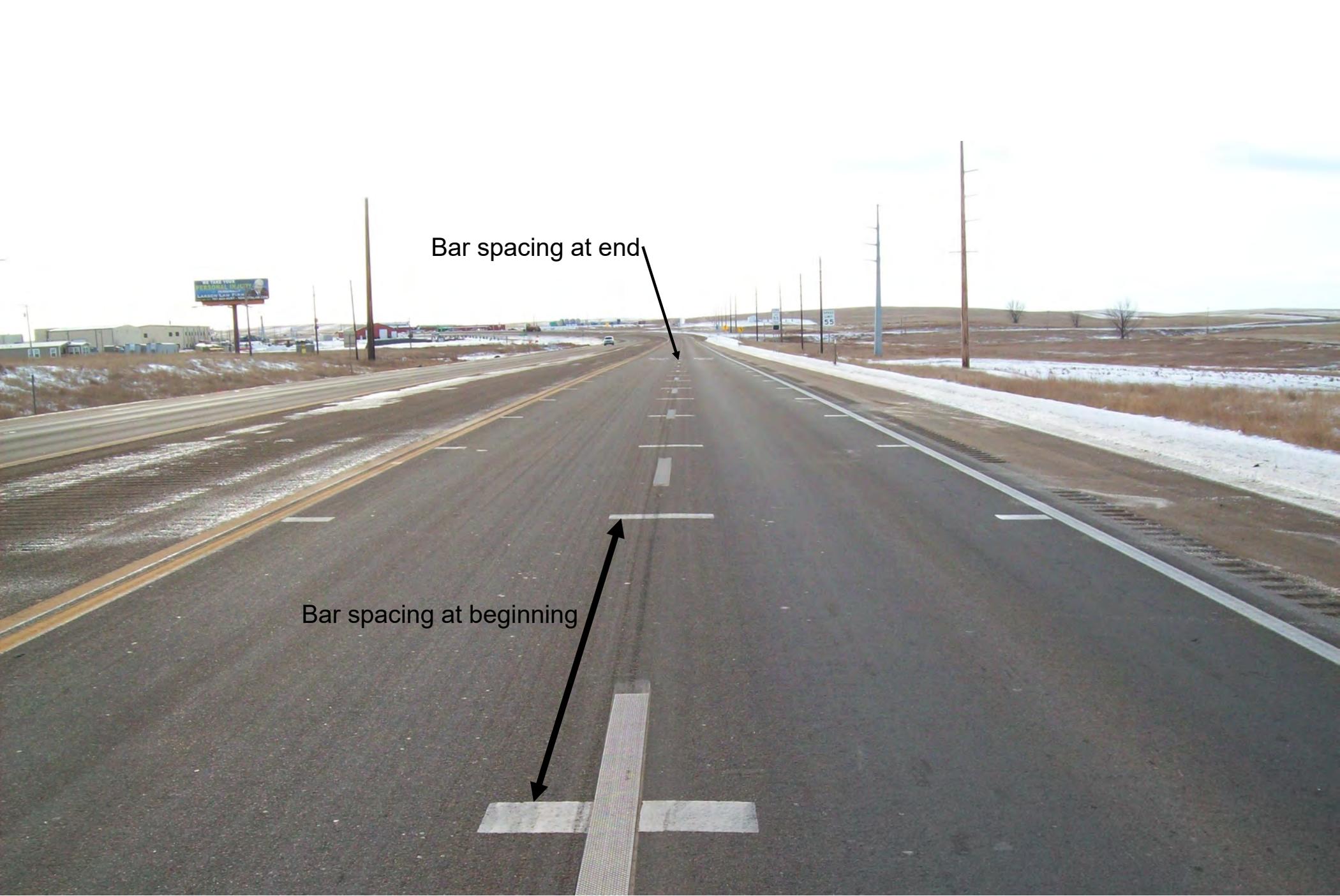
SHOULDER TURN LANES

9 or 10 ft
Shoulder width

SPEED TRANSITION AREAS



12/18/2019



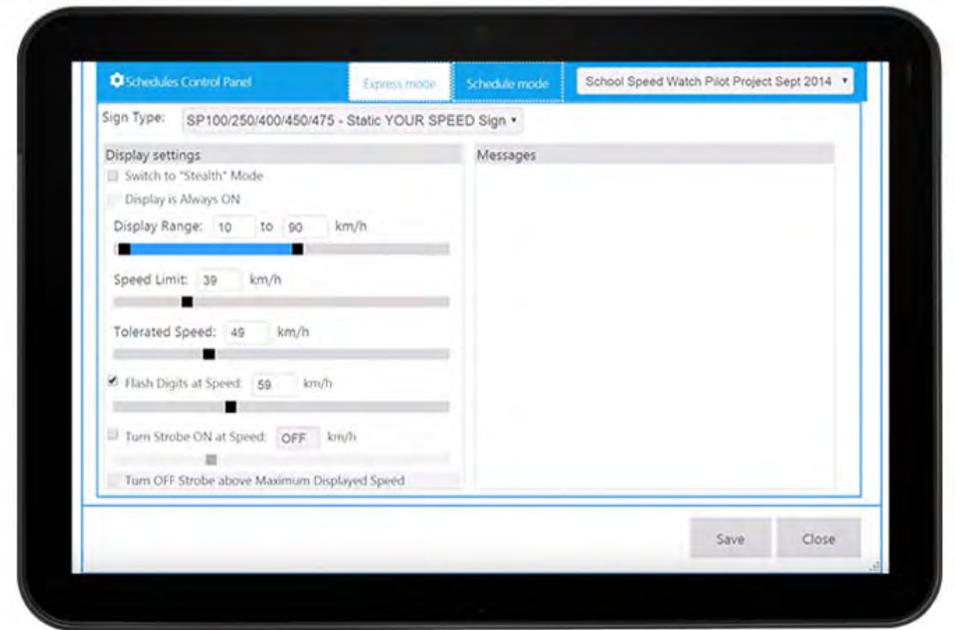
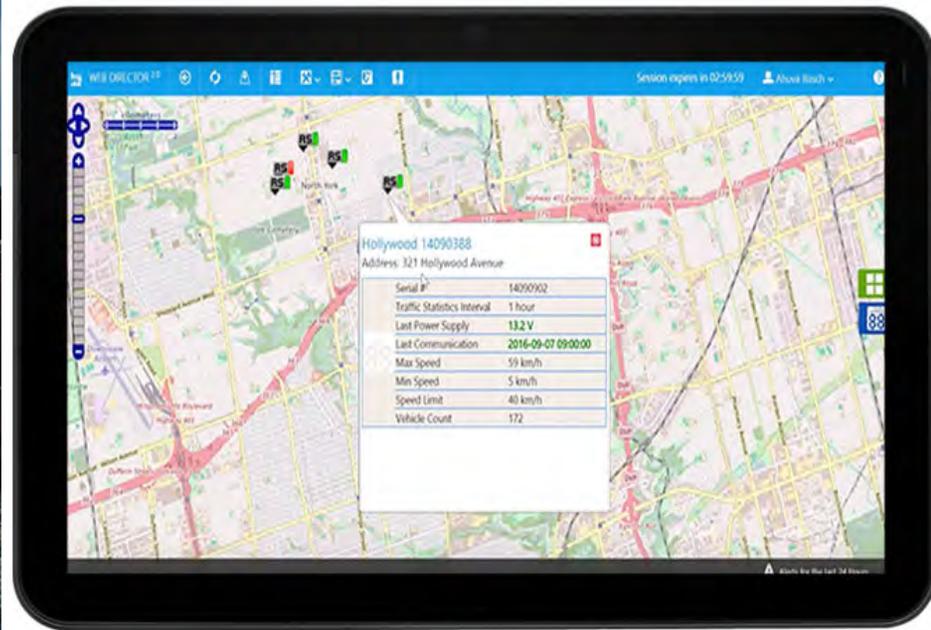
Bar spacing at end

Bar spacing at beginning



VIDEO OF SPEED REDUCTION AREA

Subscription to Cloud Monitoring Service for all Dynamic Speed Display Signs





VIDEO OF RADAR SPEED DISPLAY SIGN



VIDEO OF RADAR SPEED DISPLAY SIGN

DELINEATORS



New 3"x9" delineator



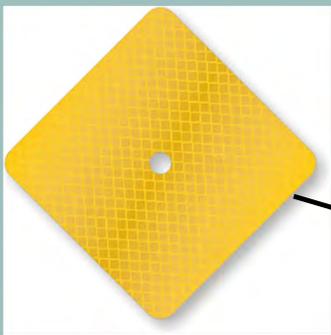
Existing 4"x4" white delineator to be removed.



6"X10" GUARDRAIL DELINEATOR



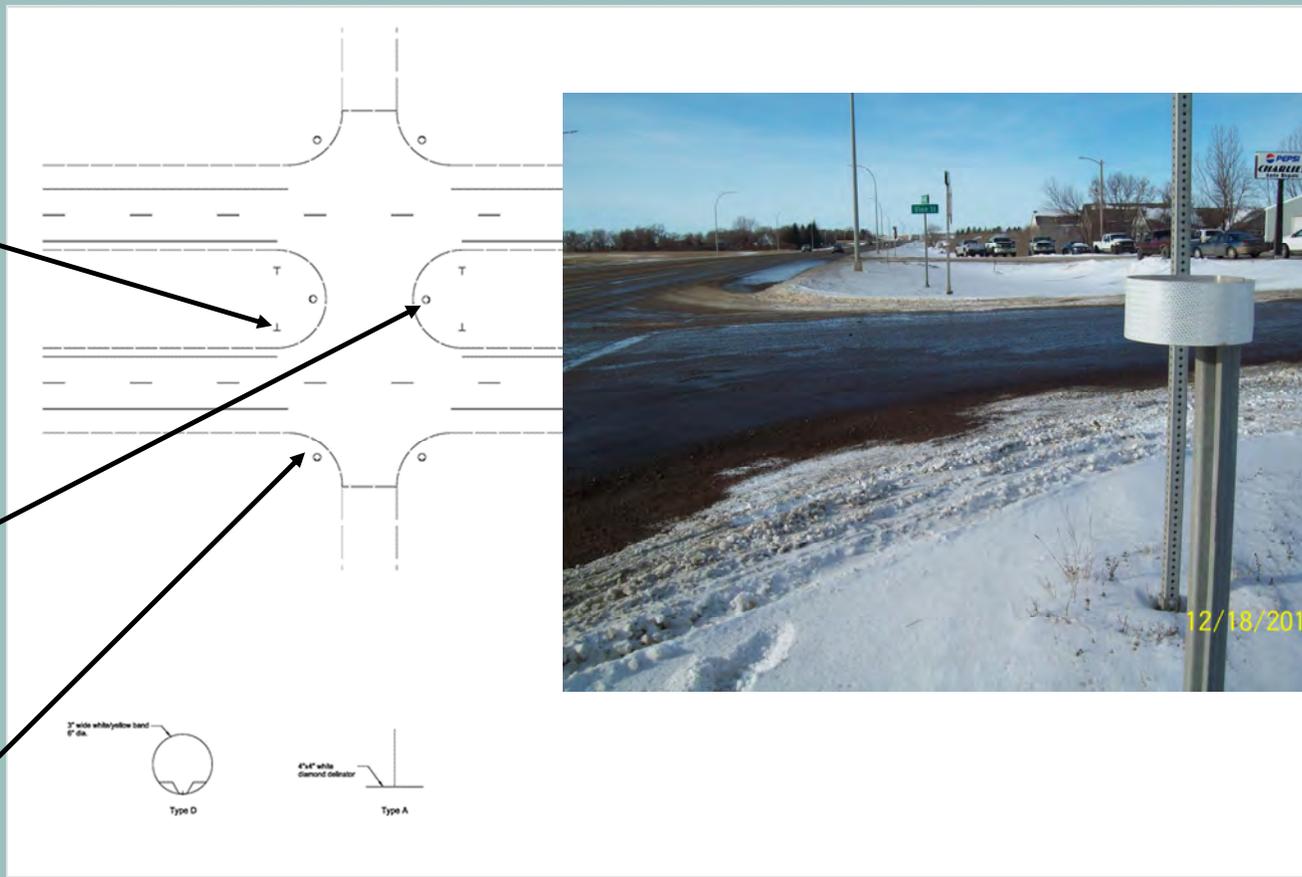
Type A delineators



Type D delineators



Type D delineators





CHEVRONS

MAILBOXES

Support for multiple mailboxes



Support for single mailboxes





https://visionzero.nd.gov/strategies/Infrastructure/SafetyCorridors/

North Dakota ND.GOV Official Portal for North Dakota State Government

VISION ZERO
Zero fatalities. Zero excuses.

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Safety Corridors

Safety Corridors - A New Approach to Vision Zero

The North Dakota Department of Transportation (NDDOT) is introducing a new concept called, "Safety Corridors," as part of North Dakota's Vision Zero strategy to reduce motor vehicle fatalities and serious injuries to zero.

What is a Safety Corridor?

A safety corridor is a designated section of highway that will include enhanced safety features and an increase in law enforcement to remind drivers that they are responsible for obeying all traffic laws and posted speed limits.

The Safety Corridor locations are selected based on highways with a higher number of vehicle crashes. The purpose is to utilize engineering and technological solutions to change dangerous driving behavior and reduce the number of crashes on state highways.

Safety Corridors are a Vision Zero solution in which **Engineering, Enforcement, Emergency Response and Education** work together to help reach Vision Zero's goal.

Safety Corridors are one way we'll get to the goal of Vision Zero...Zero Fatalities. Zero Excuses.

What does it mean for drivers?

A driver may notice additional signage indicating reduced speed, no-passing zones, information about road conditions, and reminders to buckle up, drive sober and distraction free. In addition to these signs, pavement markings will be more visible, especially in dark or wet conditions. Law enforcement will pay close attention to the Safety Corridors to ensure all traffic safety laws and posted speed limits are followed by motorists.

- Seat Belts
- Impaired Driving
- Distracted Driving
- Motorcycle
- Commercial Motor Vehicle
- Speed & Aggressive Driving
- Young Drivers
- Vulnerable Users
- Infrastructure
 - Safety Corridors**
- Emergency Medical Services

Thank You

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Special Thanks to:

- Karen Mongeon-Safety Division
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- Chad Beggs-Minot District
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