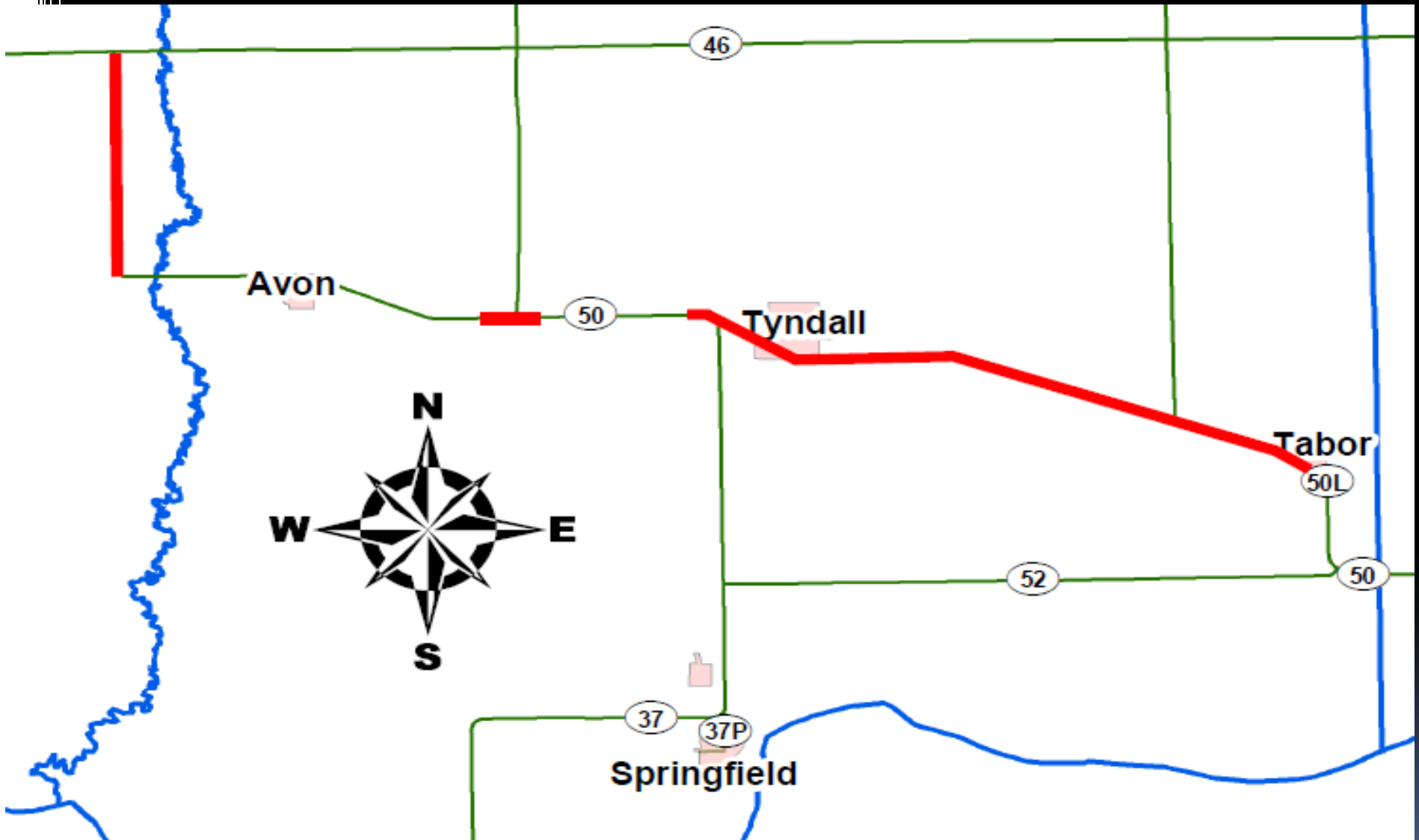


SD Highway 50



Mark Malone, PE

SD DOT





INTERSECTIONS CAN BE DANGEROUS

Always look before proceeding

Intersection Fatalities 3 at or near Tyndall



CARD

FATAL

STATE OF SOUTH DAKOTA INVESTIGATOR'S
MOTOR VEHICLE TRAFFIC ACCIDENT REPORT

Please Type or Print

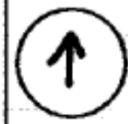
117 Fatality

Submission

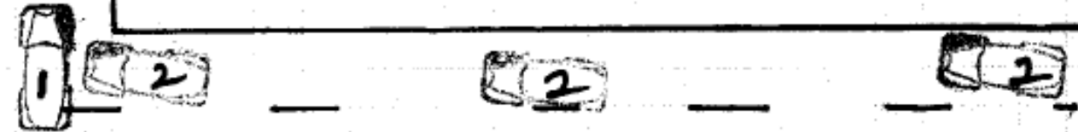
Date of Accident (MM/DD/YY) 09/25/04	Time of Accident (HHMM) 0757	County BON HOMME	City
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ACCIDENT DIAGRAM

Indicate North



Ford Ave



SD 50 WB Lanes



Yield sign

median

SD 37 EB Lanes



T stop sign

SD 37

ACCIDENT NARRATIVE: Describe What Happened

VEHICLE #1 WAS NORTHBOUND ON SD 37. VEHICLE #2 WAS WESTBOUND ON SD 50. THE DRIVER OF VEHICLE #1 FAILED TO YIELD AFTER STOPPING FOR THE STOP SIGN AT THE SD 37/50 JUNCTION. VEHICLE #1 WAS STRUCK ON THE PASSENGER SIDE BY VEHICLE # 2 AND PUSHED INTO THE DITCH ON THE NORTH SIDE OF THE ROAD. VEHICLE #2 SUSTAINED FRONT END DAMAGE FROM THE IMPACT AND ALSO CAME TO REST IN THE NORTH DITCH.

Why is there a project?

- DOT Mission statement
 - ✓ To efficiently provide a safe and effective public transportation system.



August 3, 2015

- Proposed changes to Divided Highway Intersections
 - Safety Concerns at Intersections
- Lots of Feedback
 - Thank you!



Crash numbers – 2005-2014

- SD37W, SD37E, SD25 – 32 crashes
 - ✓ 16 Injury
- Tyndall – 18 crashes
 - ✓ 10 Injury
- Tabor – 5 crashes
 - ✓ 3 Injury



Tyndall Crashes since 8/23/15

- Similar trend continues
 - ✓ 8 crashes 2015/16 – 3 injury
- Three crashes in 2017 already
 - ✓ Latest Injury crashes 4/24 & 4/26/17
 - ✓ Non-Injury crash on 7/25
 - ✓ Tabor – 5/24/17
- Calls/emails received asking for a fix

Modified Proposal

- Remove 4 lane segments
 - ✓ No Change
- Add Passing lanes (2 sets)
 - ✓ Location to be determined
 - E of Tyndall??
 - E of Tabor??



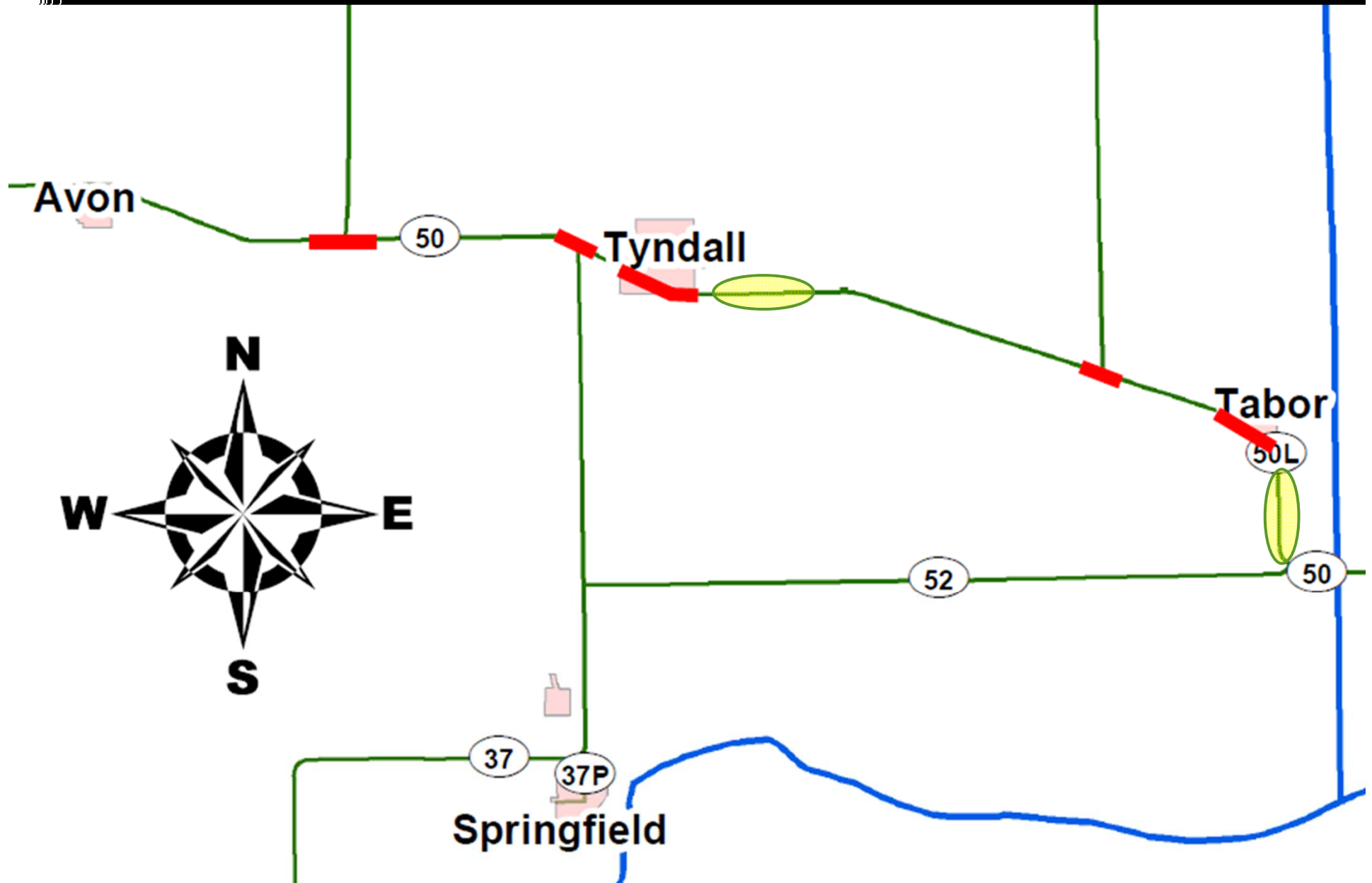
What proposals have changed?

- Moving the passing lanes out of town:
 - ✓ Keep your passing lanes
 - ✓ Simplify intersection decisions
 - ✓ Straighten intersections (skew)
 - ✓ Reduce crash potential

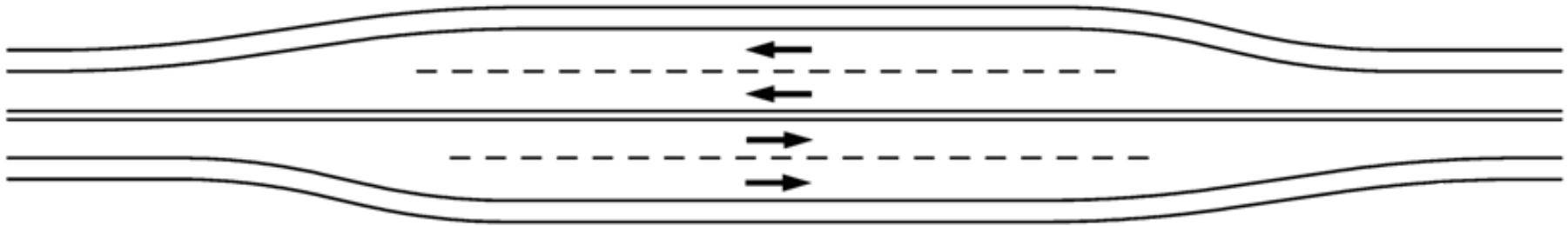
Proposal addresses
major concerns



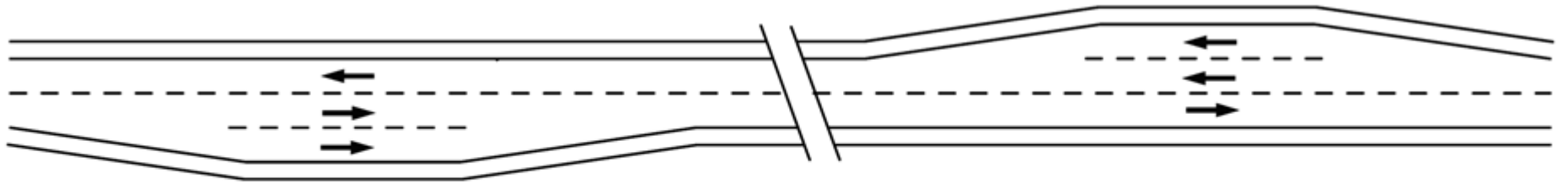
Passing Lanes- Possible Locations



Passing Lanes – Both Sides

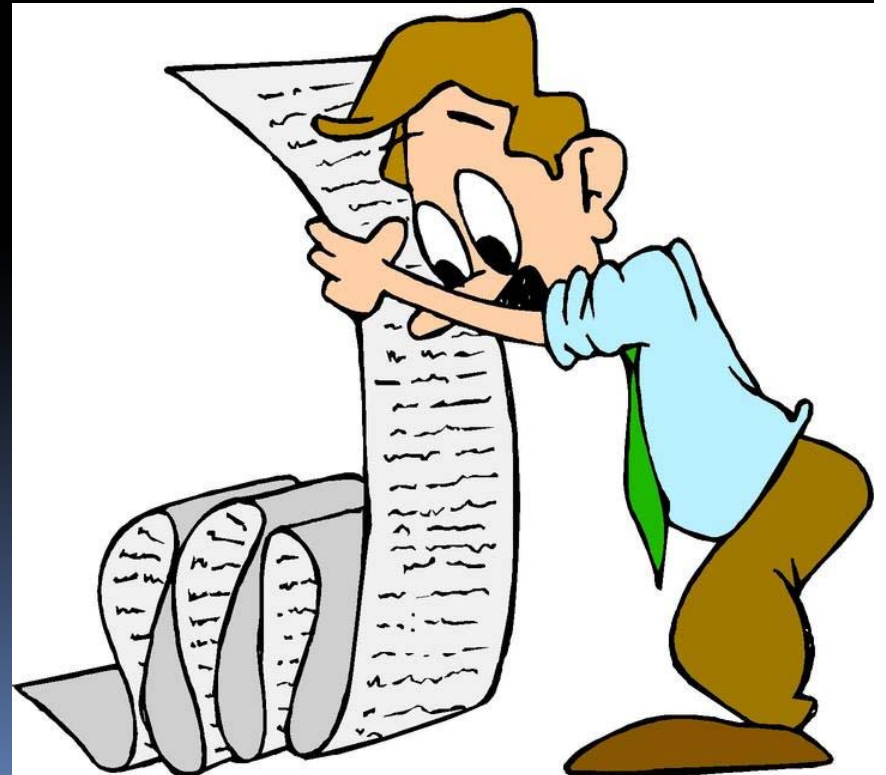


Passing Lanes - Staggered



What has DOT done since last meeting?

- Traffic Counts
 - ✓ Truck numbers
- Additional traffic analysis
- Passing Review
- Monitored Crashes
- Numerous meetings
- Modified Proposals



Who has a smart phone?



Image: Reuters

Auto Steer/Row Guidance Combine/Planters?





- Projected Cost - \$12.4 M
 - ✓ Reconstruction - \$7.0 M (3.9 mi)
 - ✓ Resurfacing - \$3.4 M (10.0 mi)
 - ✓ Passing Lanes - \$1 M each




- Design will meet with affected landowners
 - ✓ Right of Way Impacts

- Tentative Construction 2022
 - ✓ Pending Schedule and Funding



➤ Written Comments Due August 30, 2017

- ✓ Mail - 700 E Broadway Ave Pierre, SD 57501
- ✓ Email – mark.malone@state.sd.us
- ✓ Here - Now



Comments
encouraged!



➤ Website (project information)

- ✓ <http://sddot.com/dot/publicmeetings>

Q&A

You have

Questions

We have

Answers