

# 2019 Flood Damage State Highway Infrastructure

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# Federal Resources for Flood Damage Repairs

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Emergency Relief (ER) – Federal Highway Administration

Federal Emergency Management Agency (FEMA)

# FHWA

## Emergency Relief (ER)

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### Federal Highway Administration (FHWA)

- Funded through the Federal Highway Trust Fund
- Reimbursement Program
  - 100% within 180 days
  - 81.95% if over 180 days (up to 2 years)
- Each event must meet
  - \$700,000.00 Minimum Statewide Threshold
  - \$5,000.00 minimum per site

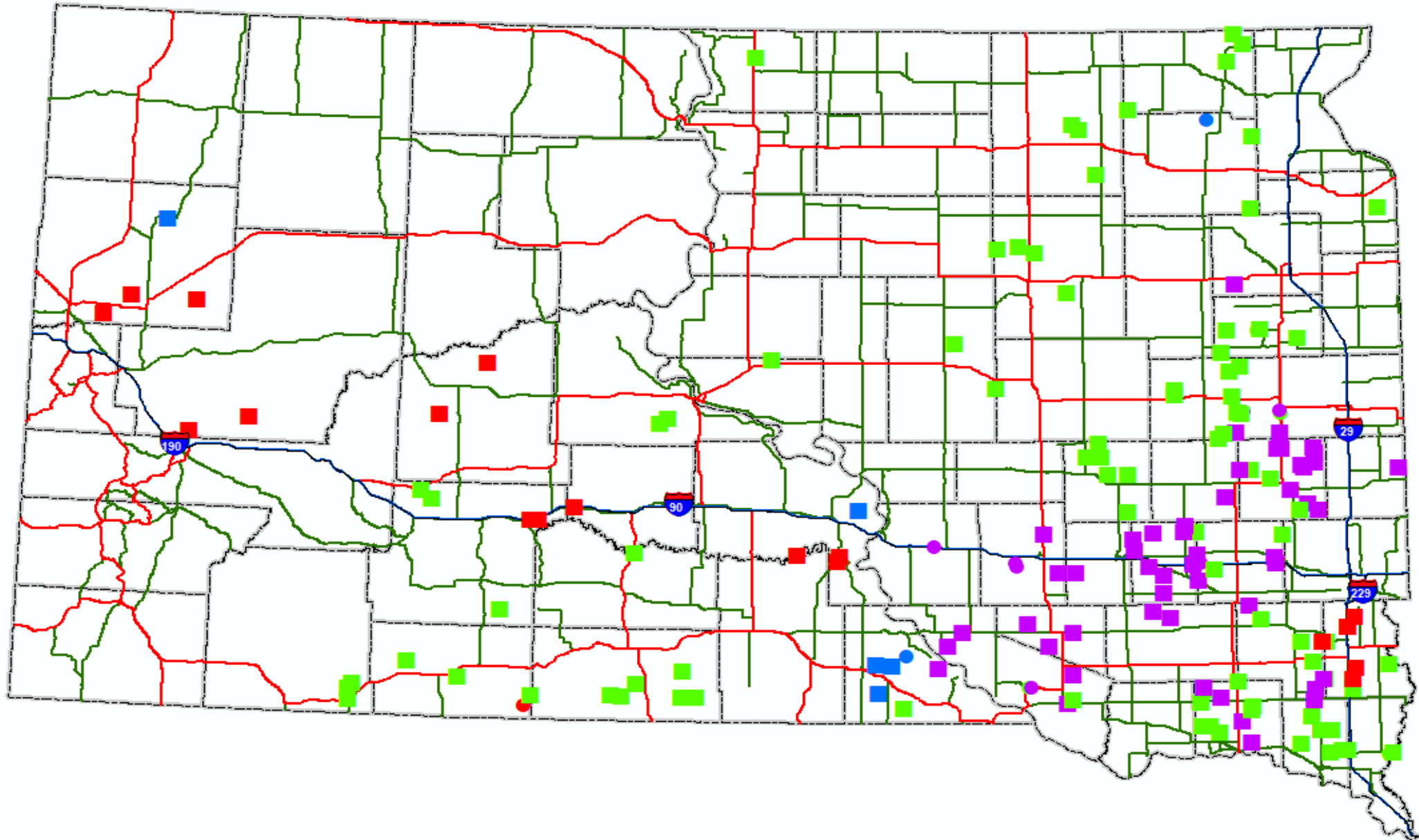
### SDDOT Administers the Program

- Counties/Cities inform DOT of damage
- Perform site inspections
- Liaison between local agency and FHWA





# Four Major Events

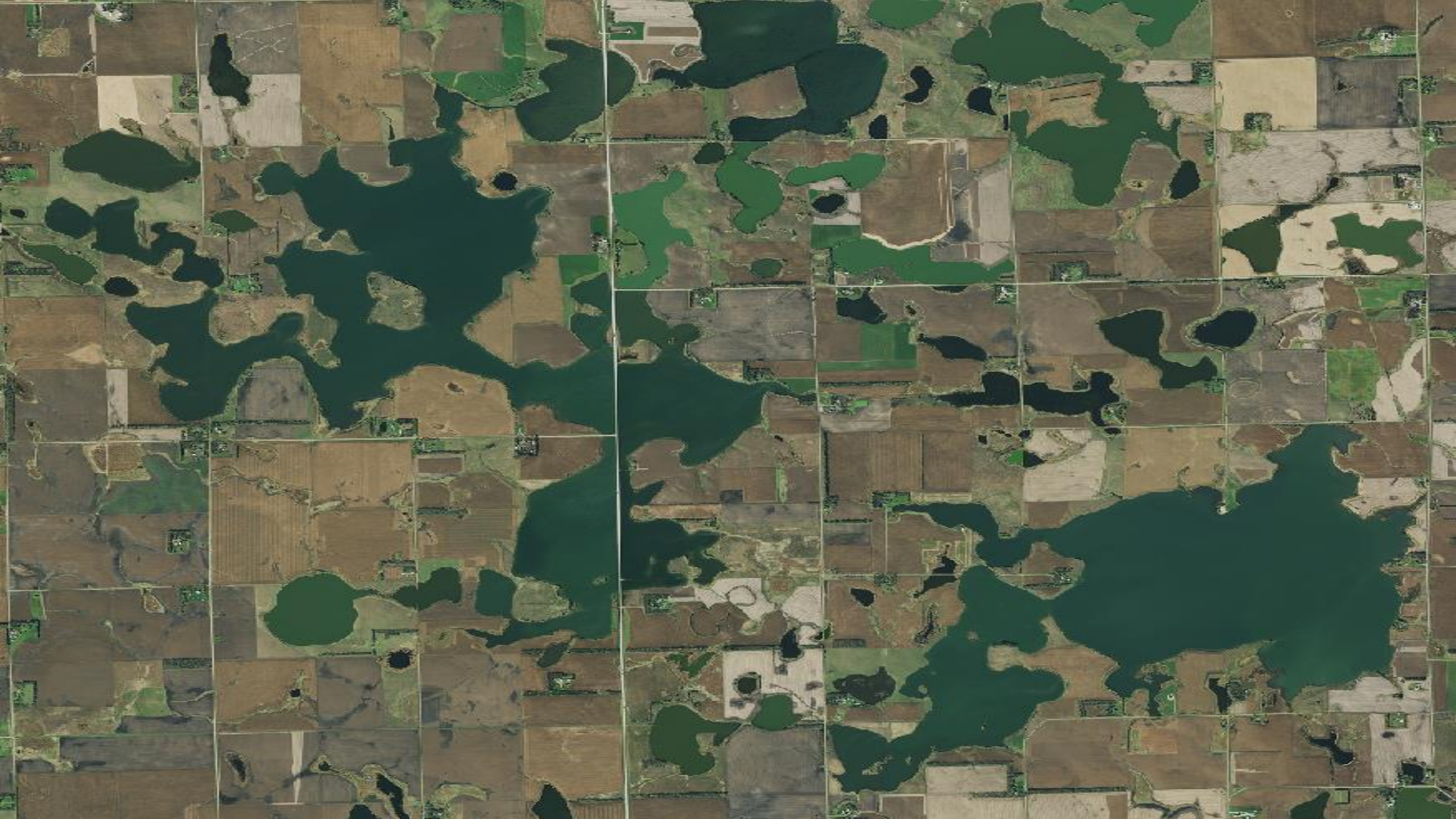


# Flood Damaged State Highways Currently Closed

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- SD262 – 2.8 miles west of SD25 Jct between Alexandria & Emery
- SD38 – 1.5 miles west of US81 / Salem
- US81 Twin Lakes – South of US14 and Arlington







# Construction Projects Remaining Closed

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US Highway 212 – In Watertown



SD 37 - James River Bridge north of Huron



# Short Term Direct Financial Impact

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## State Federal Aid Highways

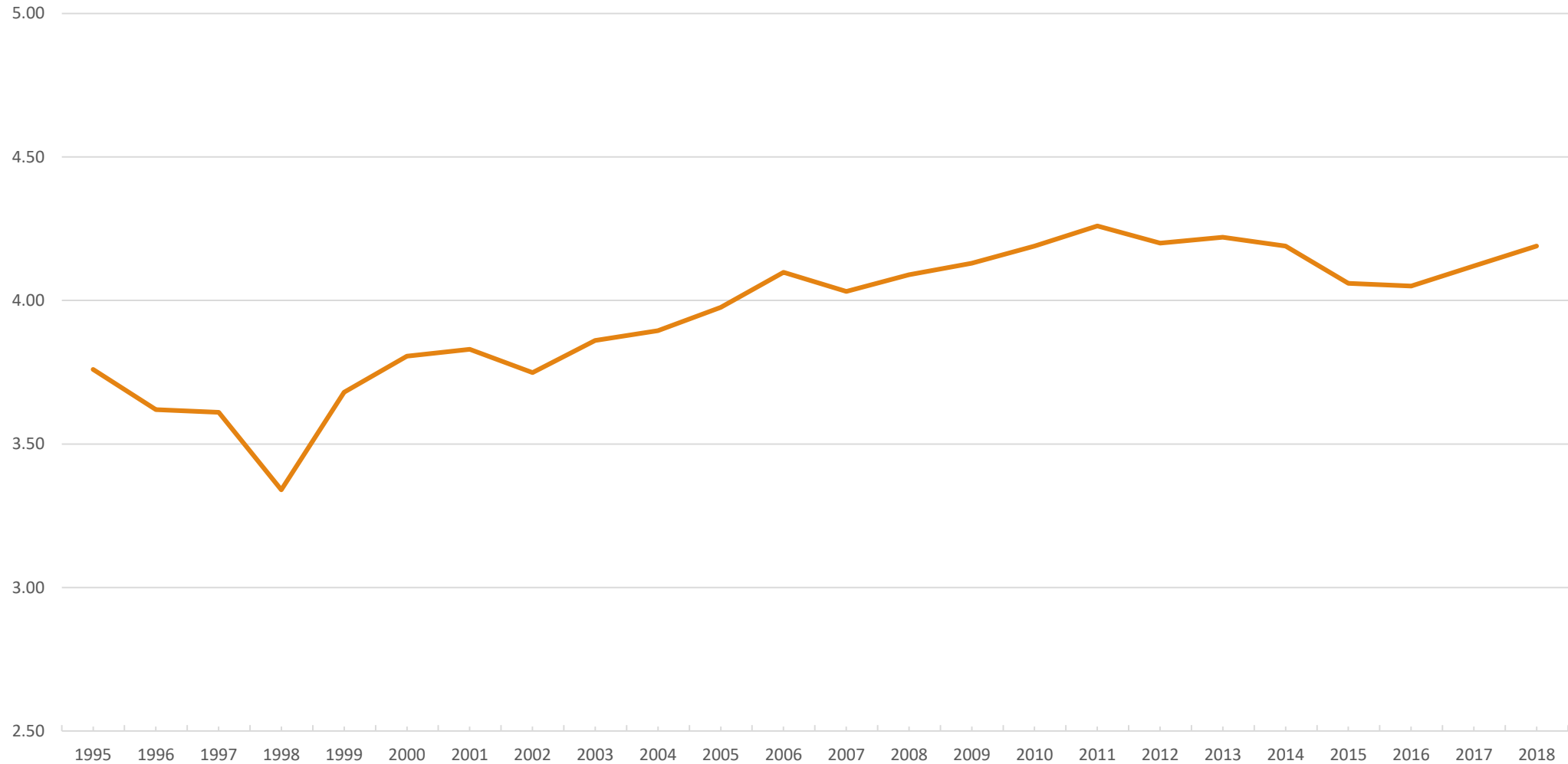
- \$23,800,000 estimated damage
  - \$4,760,000 in State Funds (Worst Case)
  - \$19,040,000 in Federal Assistance

## County Federal Aid Highways

- \$11,200,000 estimated damage
  - \$2,240,000 in Local Funds (Worst Case)
  - \$8,960,000 in Federal Assistance

# Potential Long Term Impacts

Average Pavement Condition Index (0-5)



# Anticipated Longer Term Financial Impact

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## Funding for Repairs

- ER funds and State matching funds will be sufficient to repair damaged State highways/bridges from this years flooding
- Overall Damage to Subgrades / Pavements will not be know until late Spring
  - May require reprioritization and delays of projects in the construction program
  - May require additional expenditure of state highway funds for maintenance activities