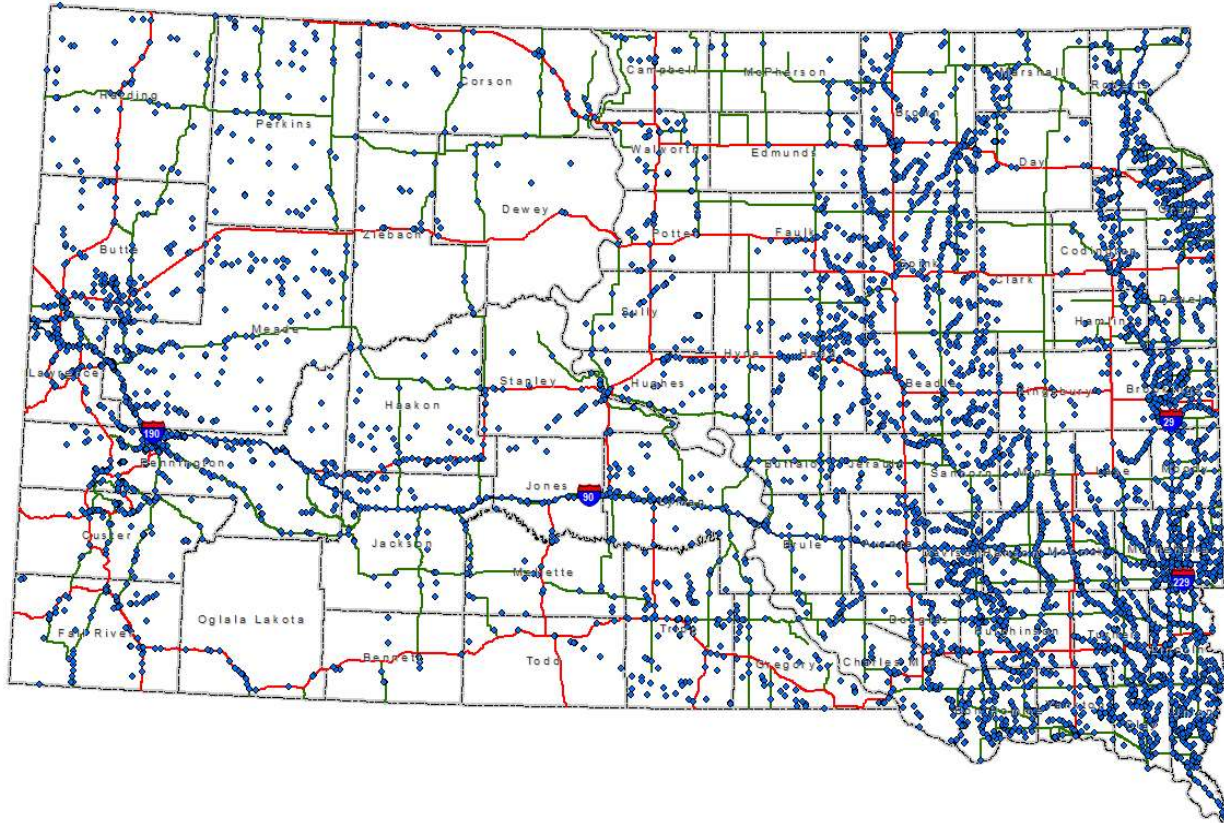


STATE OF STRUCTURES IN SOUTH DAKOTA

MIKE BEHM, STEVE JOHNSON, TAMMY WILLIAMS



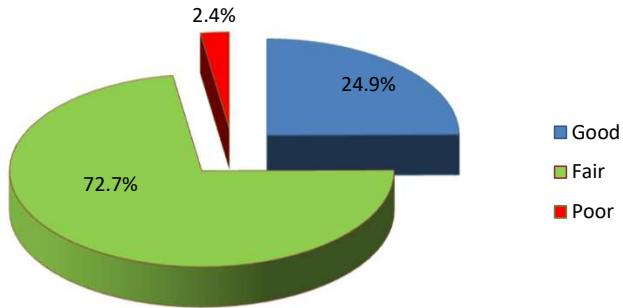


STATE OWNED BRIDGES NUMBER AND CONDITION

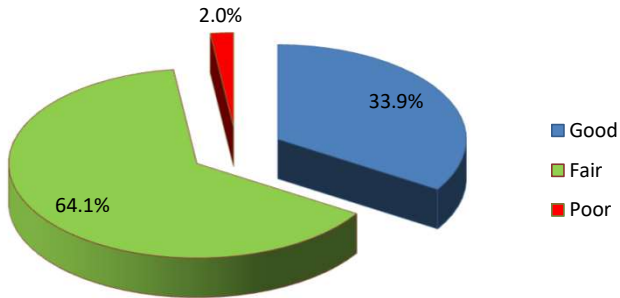
Condition	Number of Bridges	% of Total Number of Bridges	Deck Area (sq ft)	% of Total Deck Area
Good	614	33.9%	2,881,975	24.9%
Fair	1161	64.1%	8,420,000	72.7%
Poor	36	2.0%	279,344	2.4%
Total	1811		11,581,319	

STATE OWNED BRIDGES NUMBER AND CONDITION

**2021 Condition of State owned
Structure (as a percentage of deck
area)**



**2021 Condition of State owned
Structures
(as a percentage of total
structures)**

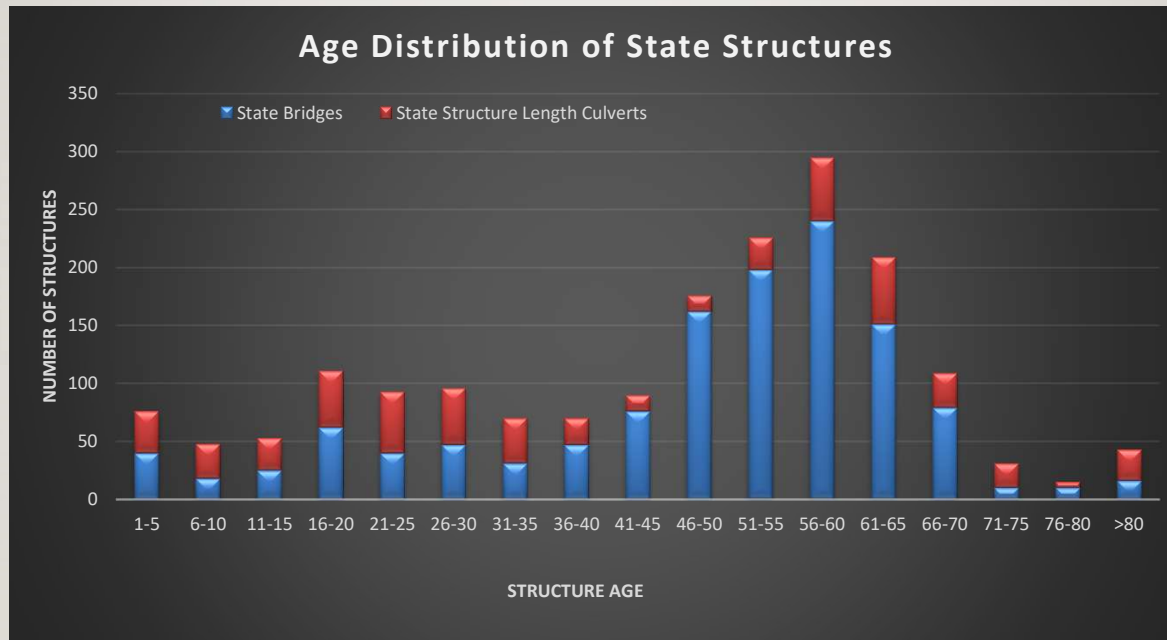


AGE

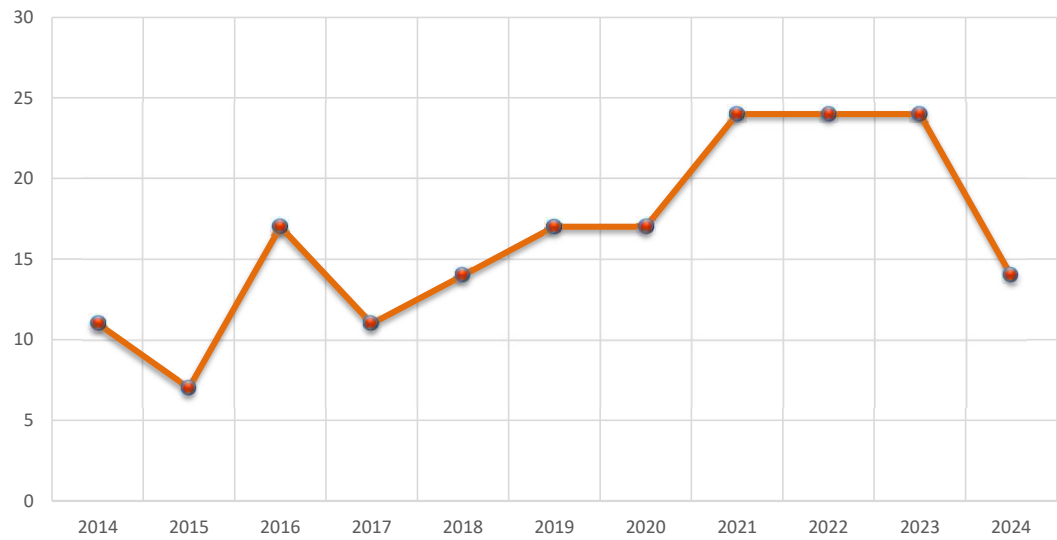
Average age of state-owned structures in SD is 46 years old

54% of state-owned structures are at least 50 years old

National average age = 44.4 years old



Number of New Structures on State System - Actual and Future Forecast



MAJOR BRIDGE PROJECTS “IN THE WORKS”



Platte-Winner Bridge on SD44

2024 Letting

\$138 Million

Final Design in Progress

MAJOR BRIDGE PROJECTS “IN THE WORKS”



Deadwood “Box”

2027 Letting

\$60 Million

Route Location Study Underway

MAJOR BRIDGE PROJECTS “IN THE WORKS”



US 212 over Missouri at Forest City

2029 Letting

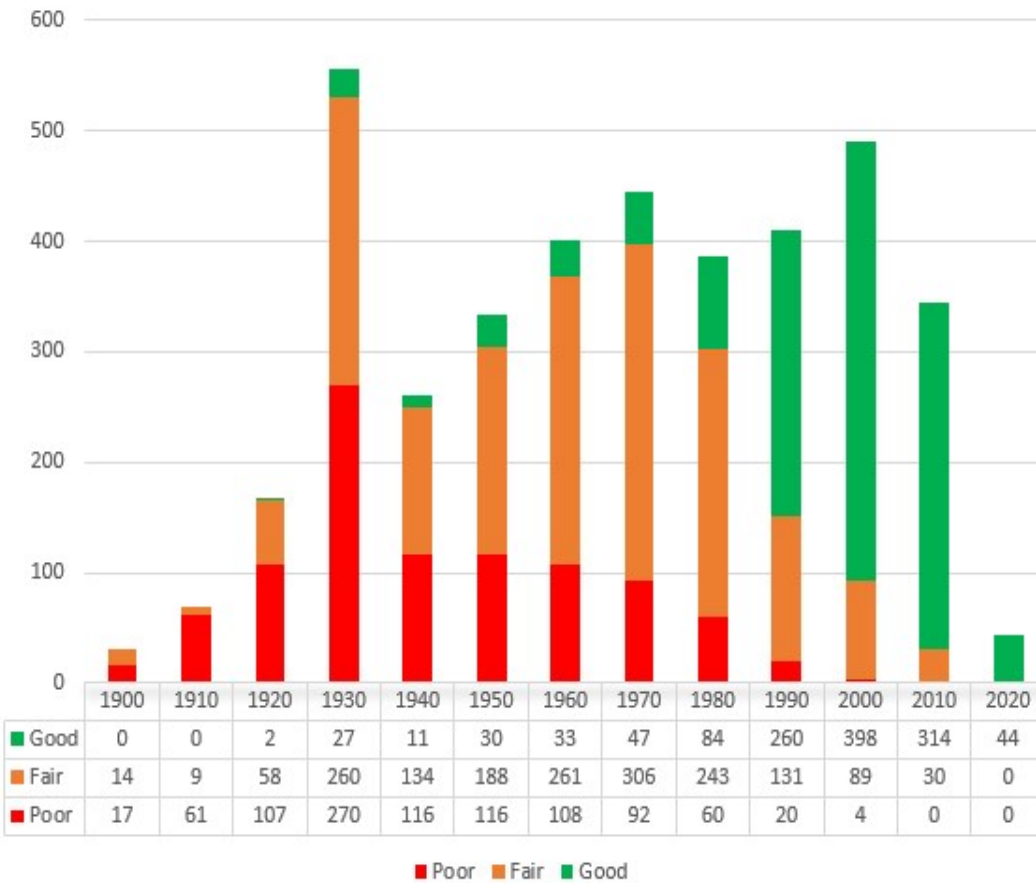
\$150 Million

Route Location Study Underway

LOCAL GOVERNMENT BRIDGES NUMBER AND CONDITION

Condition	Number of Bridges	% of Total Number of Bridges	Deck Area (sq ft)	% of Total Deck Area
Good	1,247	31.8%	219,143	30.7%
Fair	1,698	43.3%	362,751	50.8%
Poor	976	24.9%	132,316	18.5%
Total	3,921		714,210	

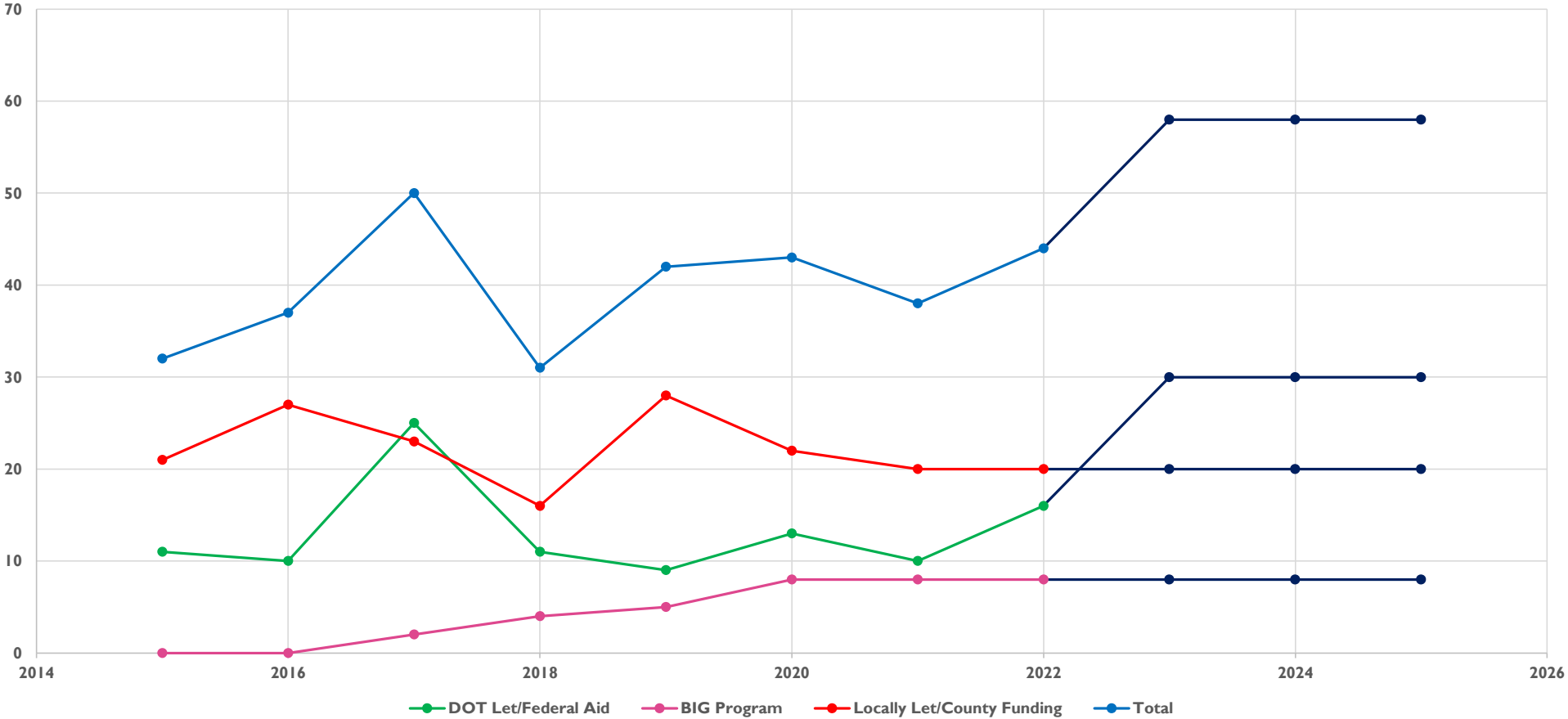
Local Bridges - 2020 Data



AGE AND CONDITION

- Average age of local government structures in SD = 51.4 years old
- National average age = 44.4 years old

Number of Structures Replaced - Actual and Future Forecast



QUESTIONS???