



2017 – 2020 Statewide Transportation Improvement Program (STIP)

Joel Jundt
Deputy Secretary
South Dakota DOT

Delivering the Payload



South Dakota's Transportation System

- **Crane** – Represents our funding and construction plan
- **Rope/cable** – Represents our current transportation system
- **Payload** – Represents the freight and people moved throughout the state

Crane



- Federal Funds
 - Highway Gas Tax – 18.4 cents/gallon
- State Funds
 - State Highway Gas Tax – 28 cents/gallon
 - Excise tax - 4 % on sale of vehicle sales

Federal Funds

- Eligible Usage
 - Construction & Planning activities only
 - Not Allowed for Maintenance activities
- Construction program (STIP)
 - Approximately 75% federal funds

Federal Funds

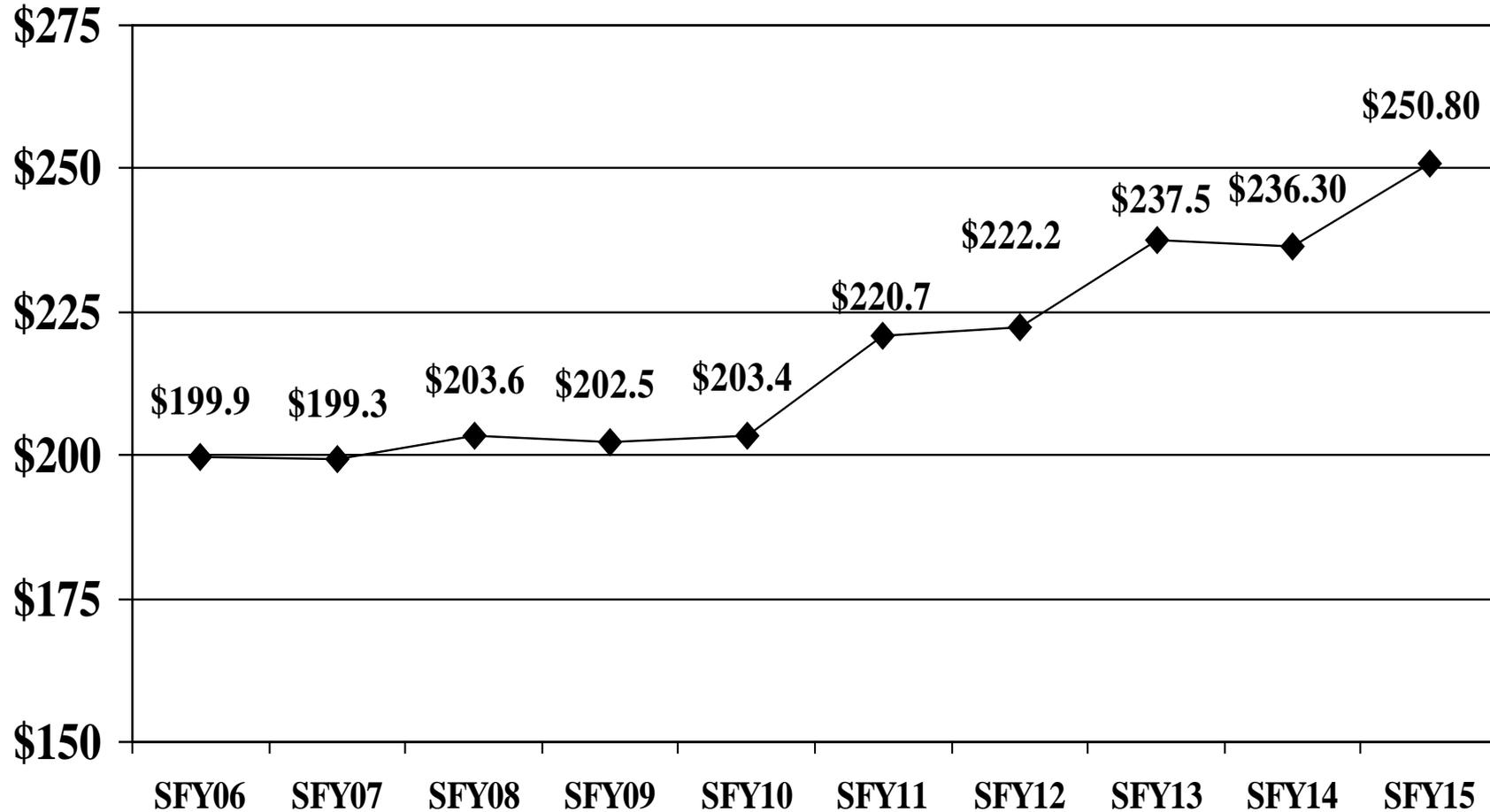
FAST ACT

- Signed by the President December 2015
- Expires September 30th, 2020
- Provides for 3% annual increase
 - Funded mainly through federal fuel tax and general funds

Total State Highway Fund Revenues

SFY 2006 – SFY 2015 COLLECTIONS

MILLIONS OF DOLLARS



Changes

Senate Bill 1

- Additional Funding
 - State
 - Local
- Bridge Improvement Grant
 - Highway Transportation Plan
 - Wheel Tax



Bridge Improvement Grant

- Available for Eligible Local Government Bridges
 - Preliminary Engineering
 - Preservation Treatments
 - Replacement/Major Rehabilitation
- \$9 M / annually thru 2018
- Applications for 2017 funding are due in early January



Moving the Payload



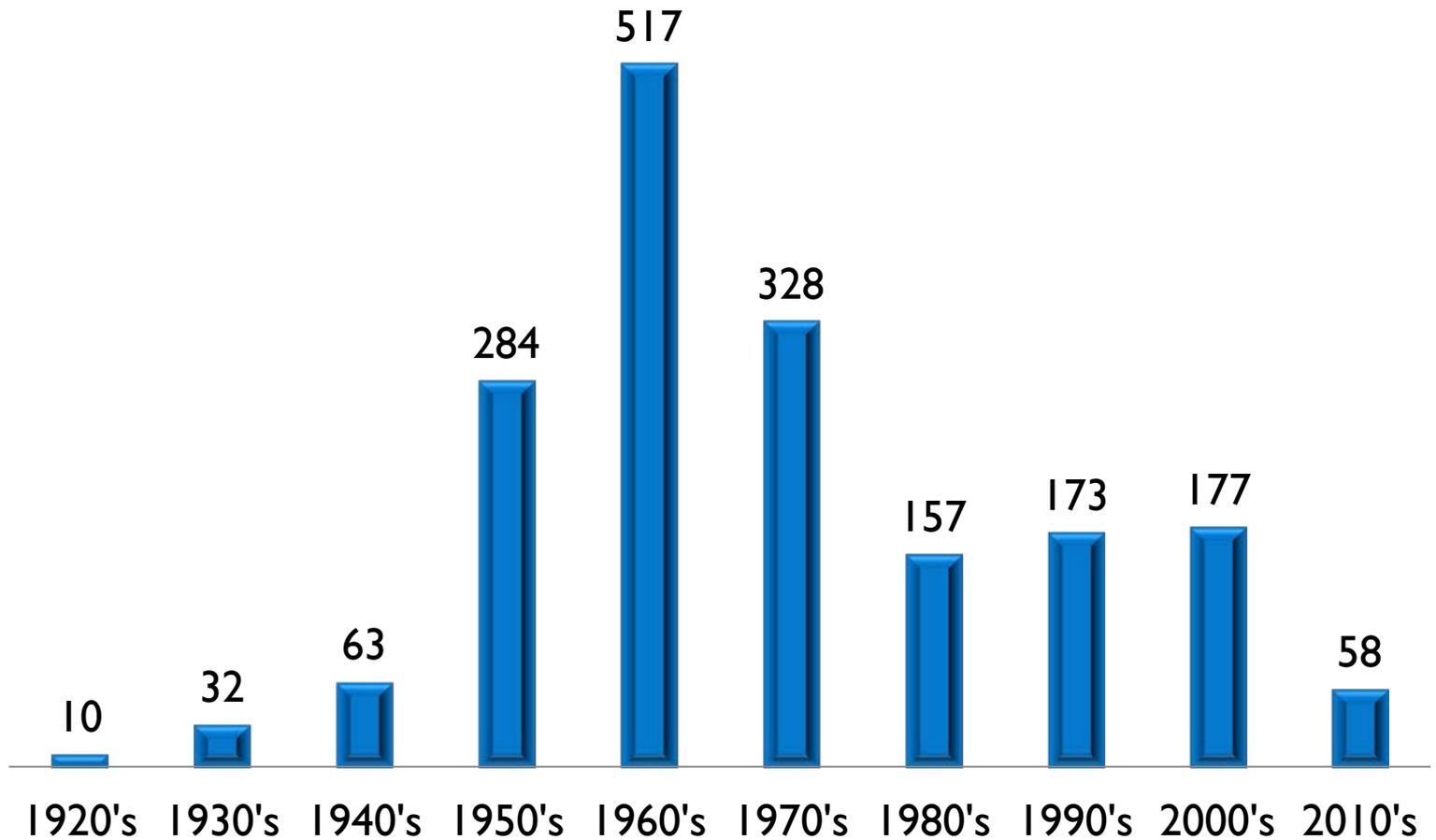
Mike Behm
P/E Division Director
South Dakota DOT

Structures

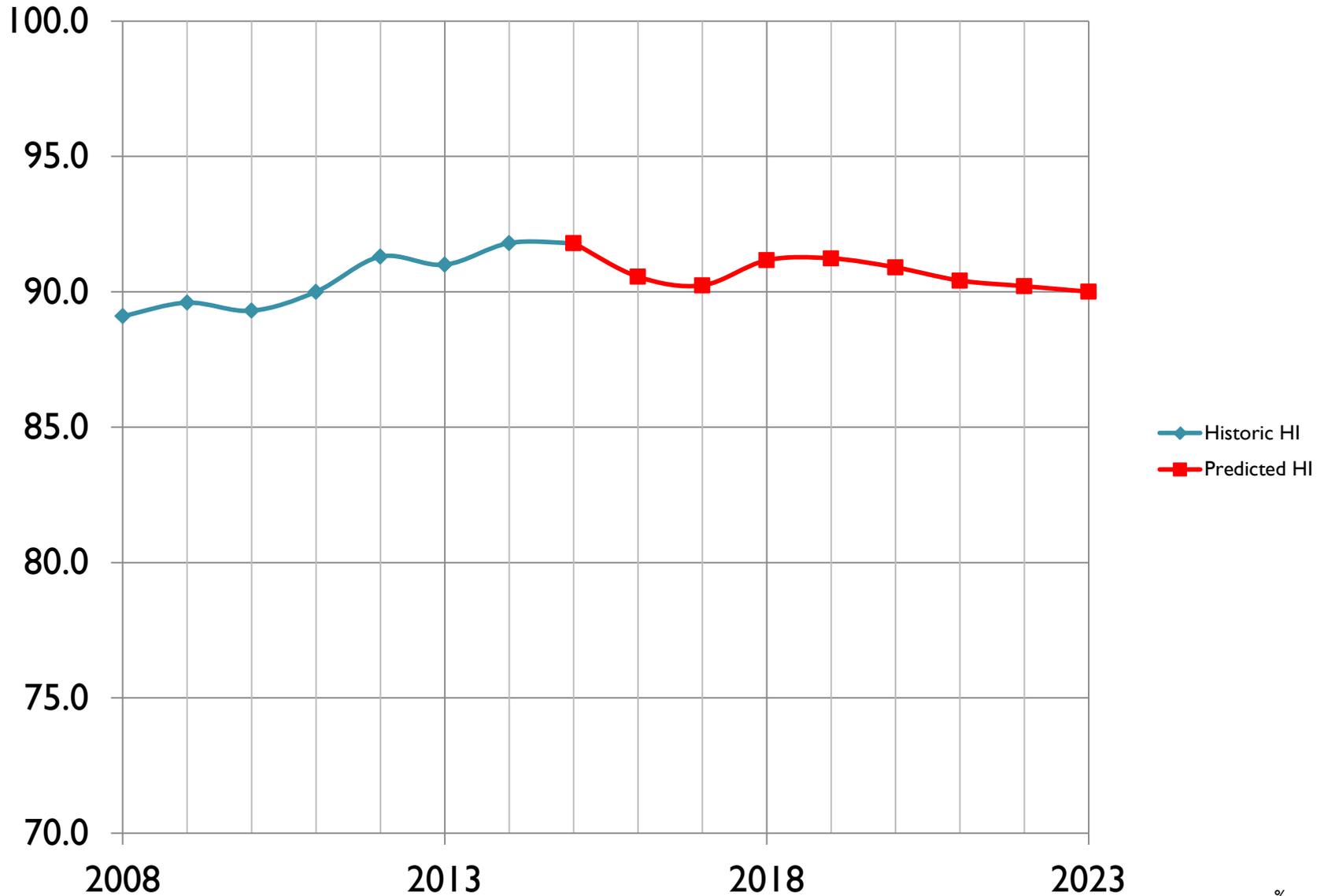


Structure Age

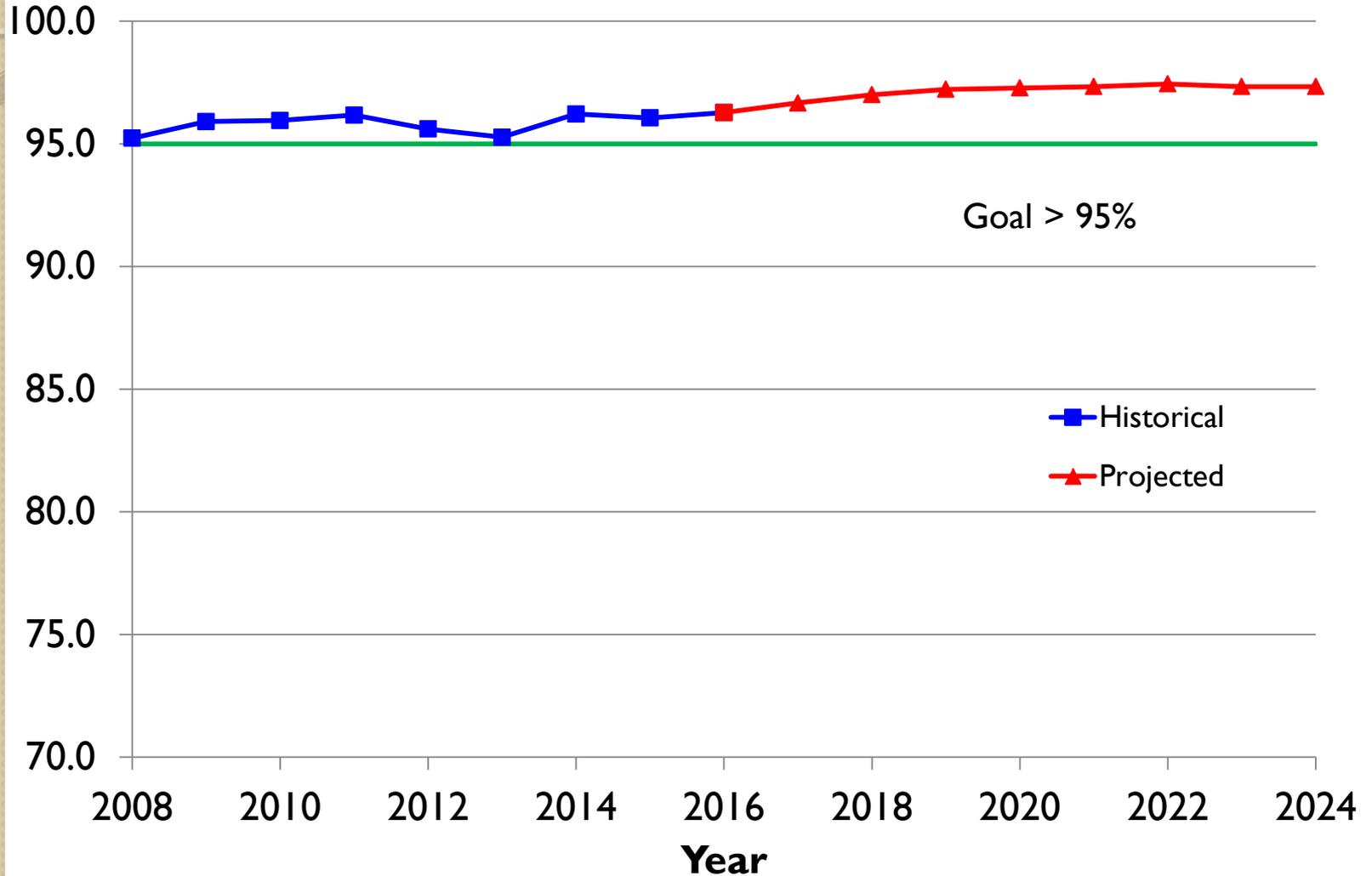
Structures Built in South Dakota by Decade



Structure Health Index



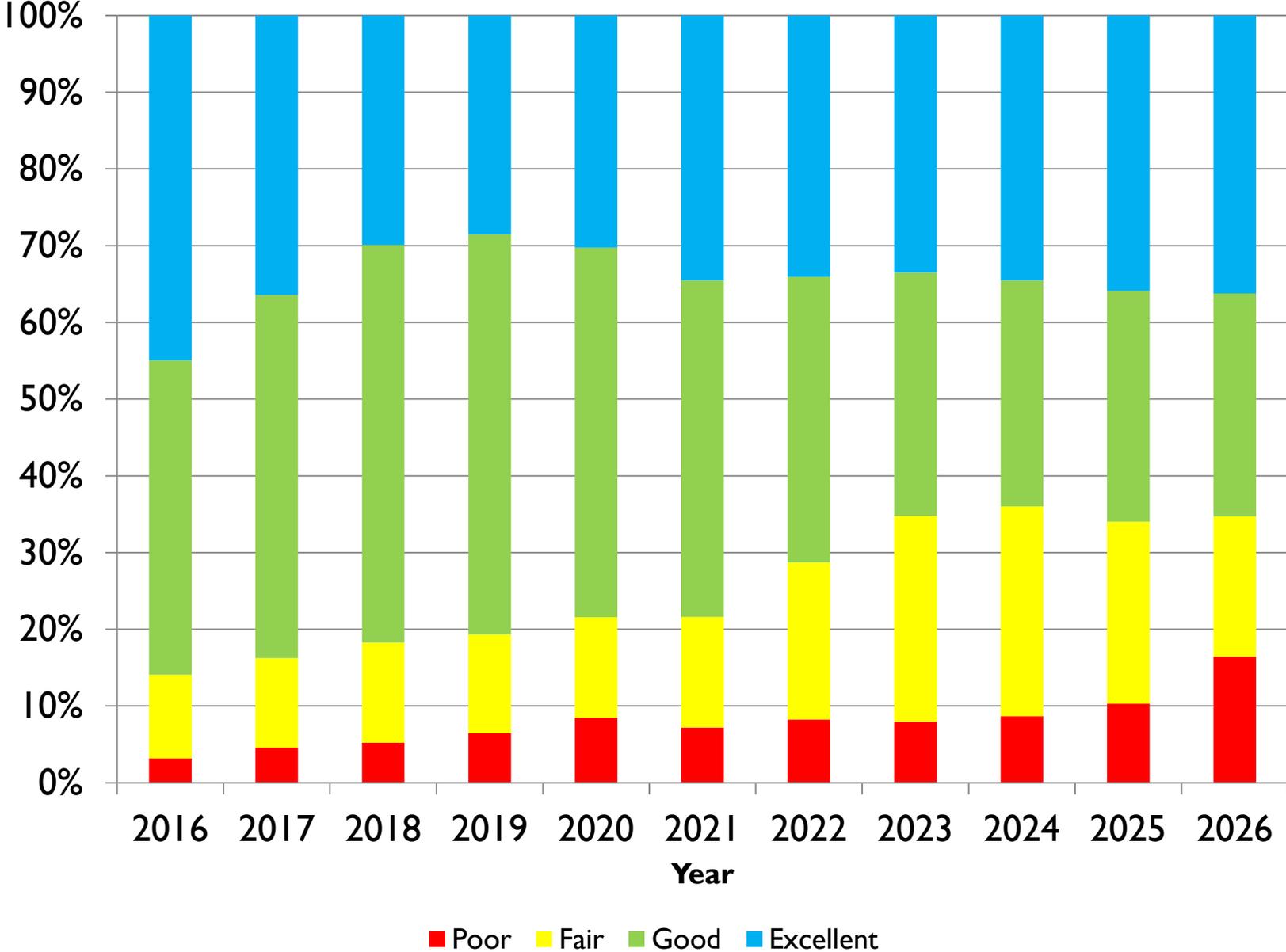
Structures in Good or Fair Condition



Pavements



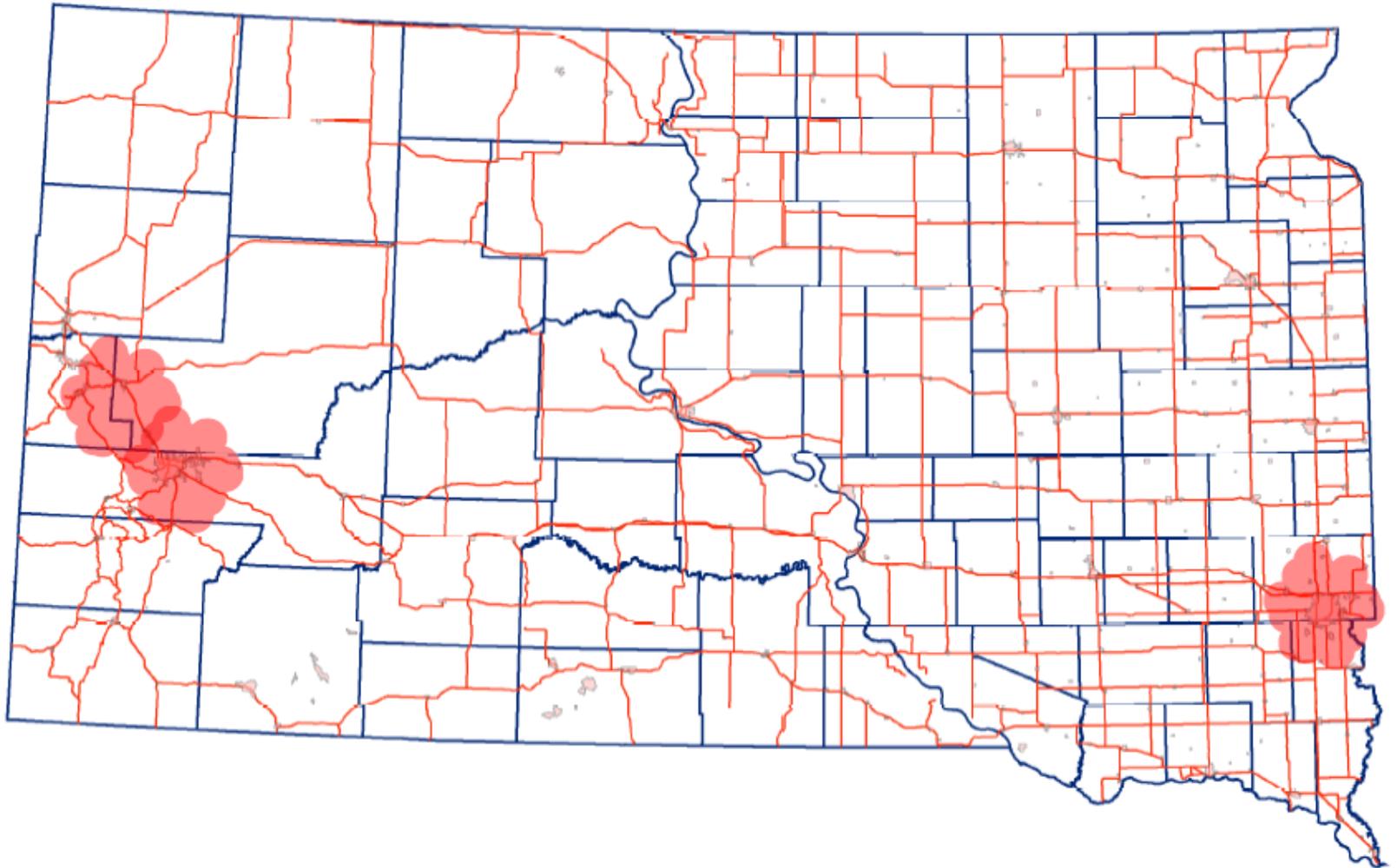
2016 Condition Distribution - Current Budget



Capacity Needs



Capacity Needs



CRASHES

aren't

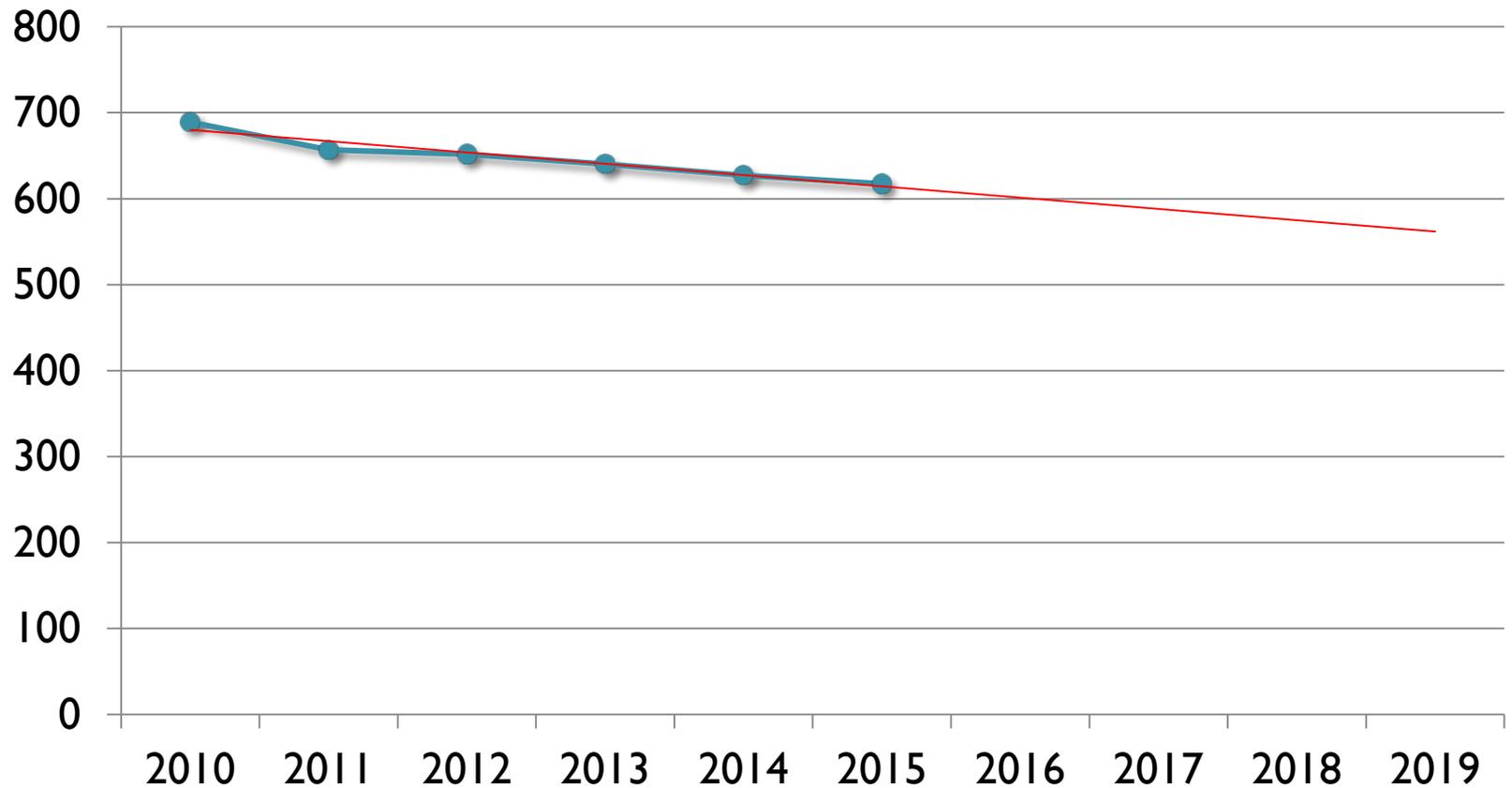
~~Accidents~~

There is Room to Live



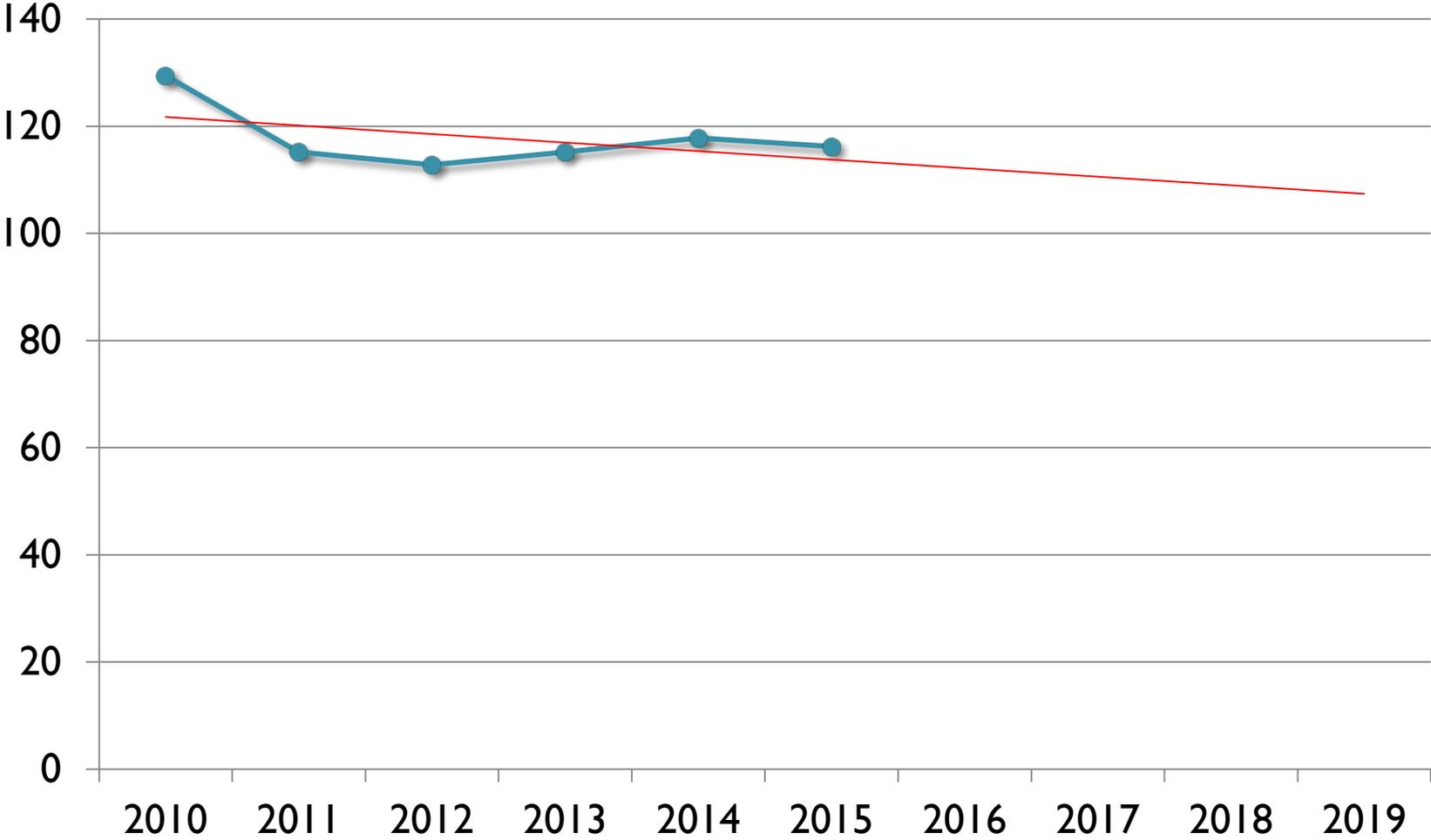
Serious Injury Crashes

Serious Injury Crashes Five Year Rolling Average



Fatal Crashes

Fatal Crashes Five Year Rolling Average





Region Projects



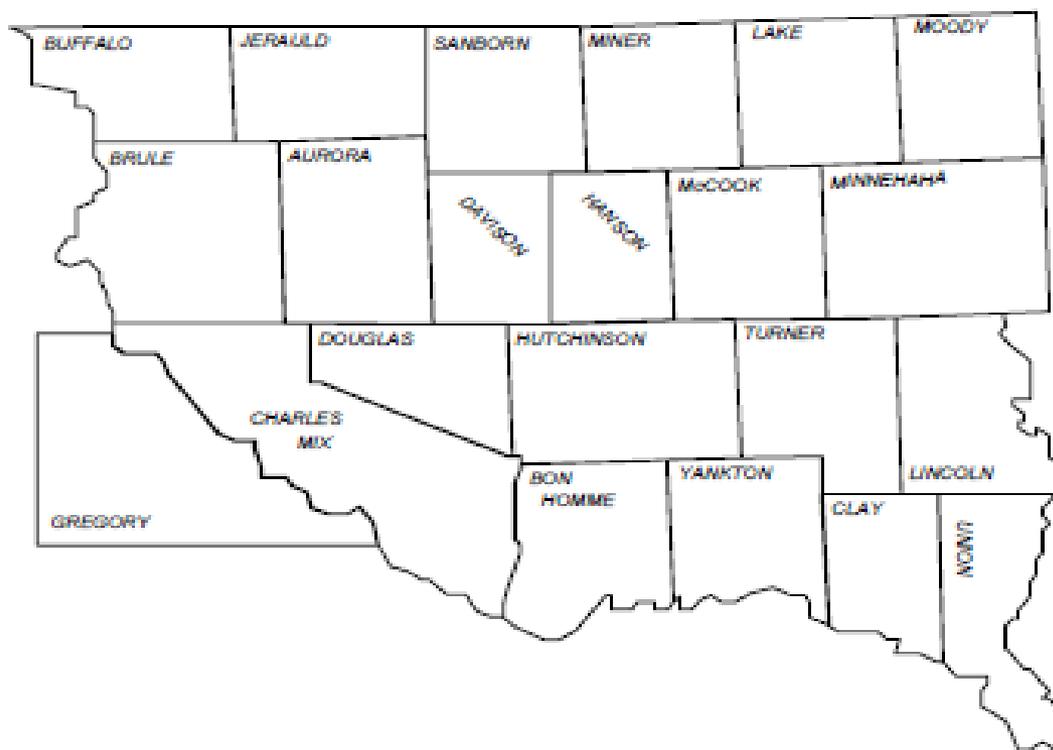
Craig Smith
Mitchell Region Engineer
South Dakota DOT

Projects in the Mitchell Region
July 13, 2016 - Sioux Falls STIP Meeting

**SOUTH DAKOTA
2017-2020
TRANSPORTATION
IMPROVEMENT PROGRAM
(TENTATIVE)**



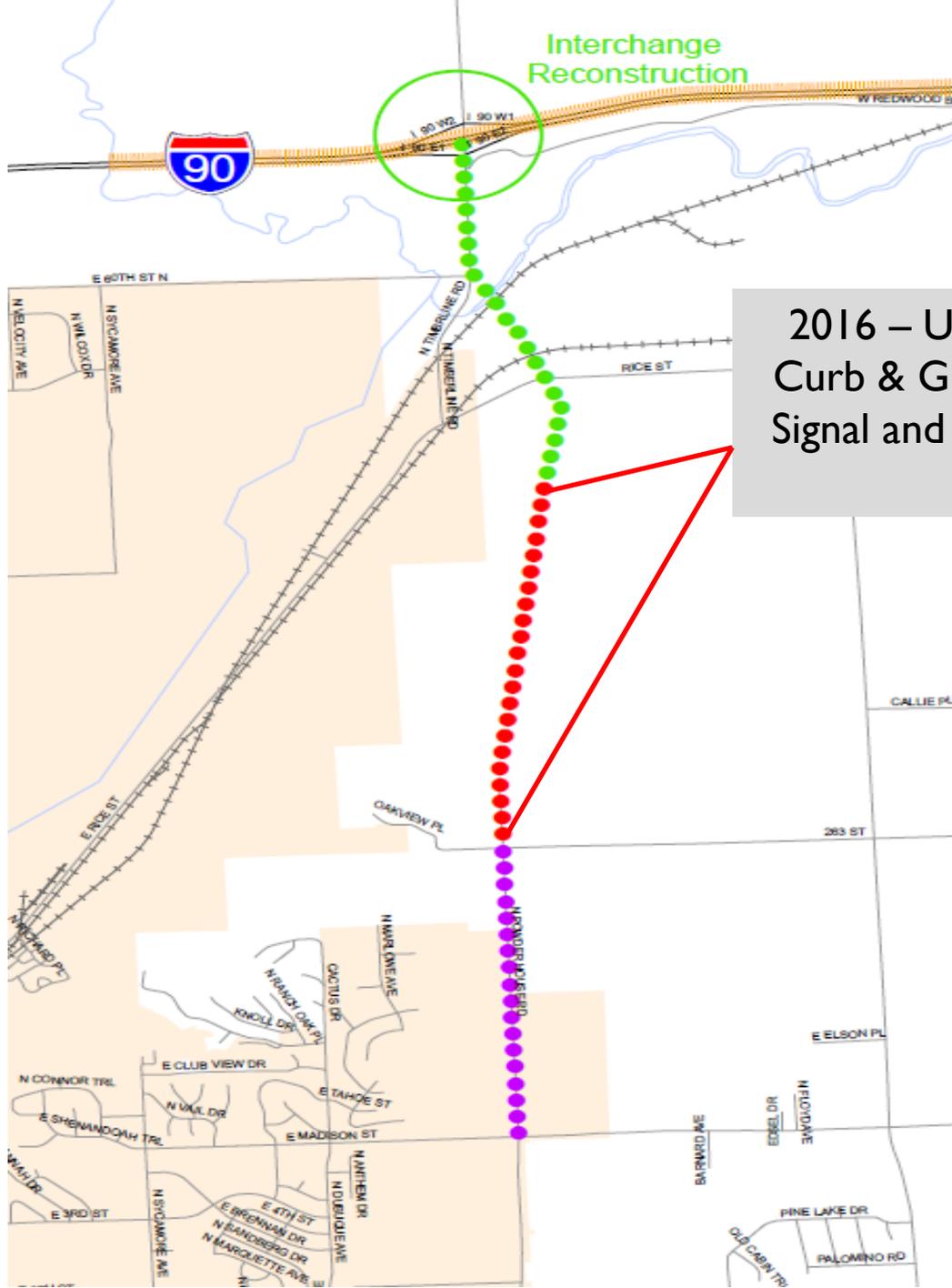
**SOUTH DAKOTA
2017-2020
TRANSPORTATION IMPROVEMENT PROGRAM
(TENTATIVE)**



Projects in the Mitchell Region

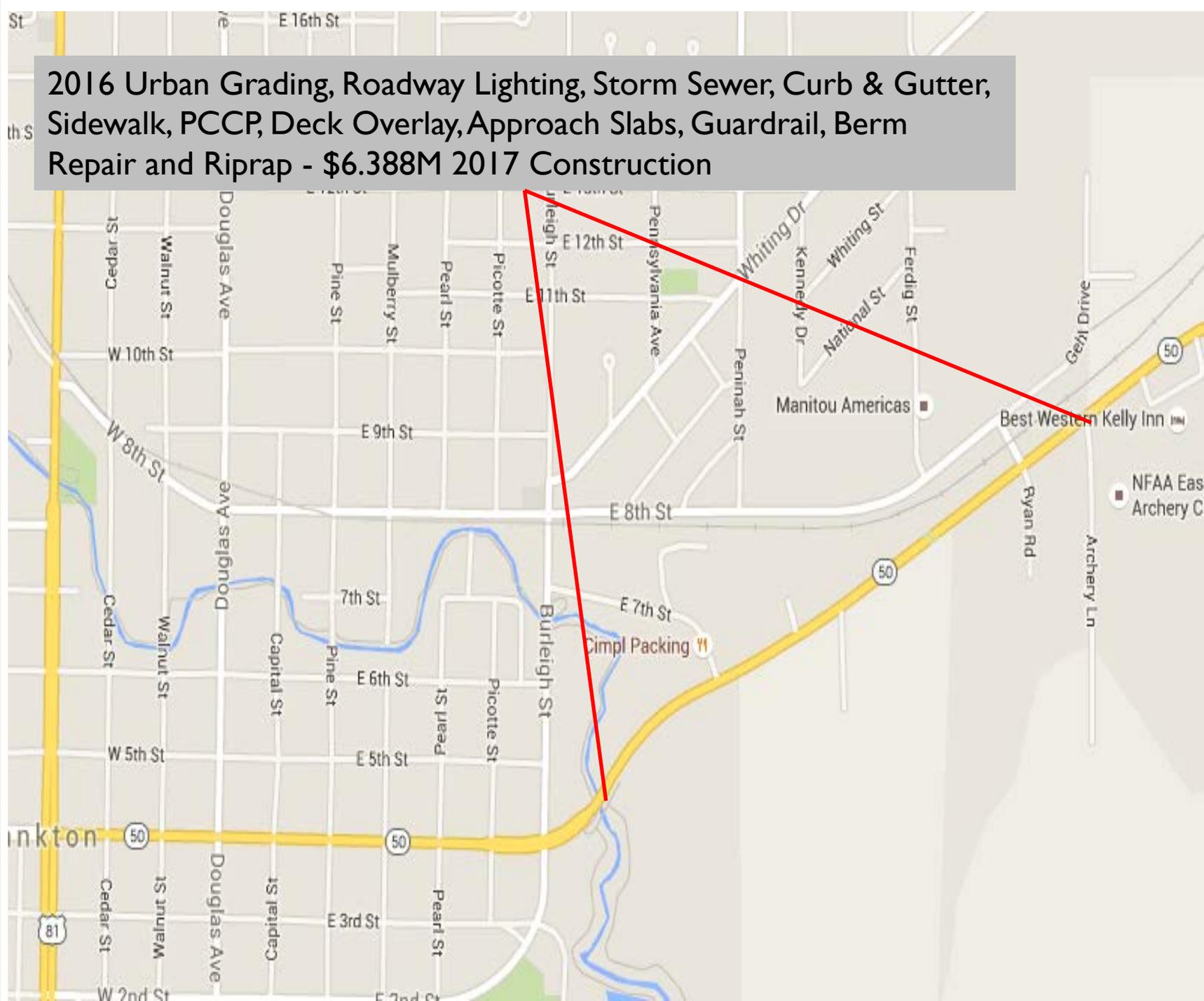


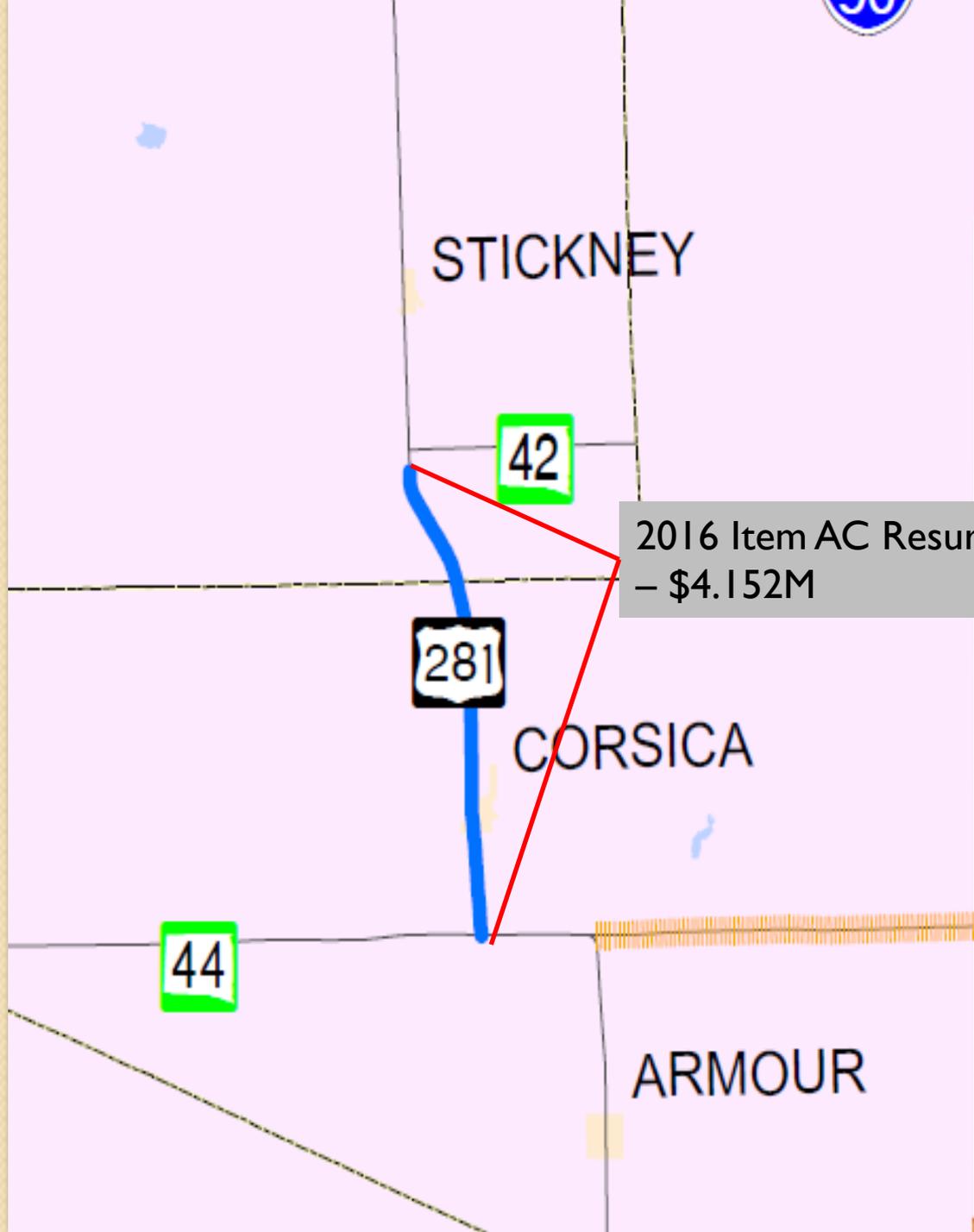
2016 Projects

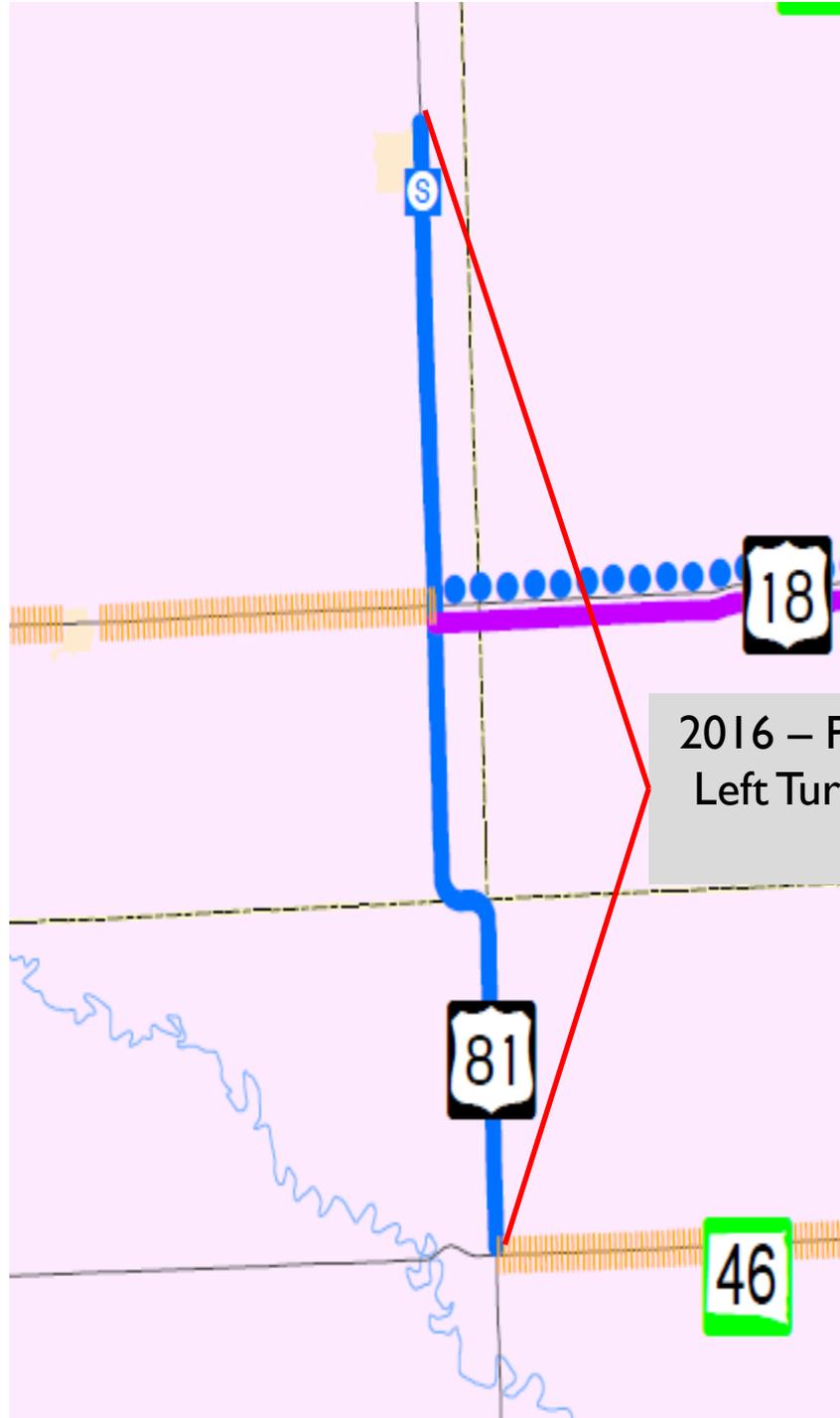


2016 – Urban Grading, PCC Surfacing, Curb & Gutter, Roadway Lighting, Traffic Signal and Storm Sewer - \$15.02M 2017 Construction

2016 Urban Grading, Roadway Lighting, Storm Sewer, Curb & Gutter, Sidewalk, PCCP, Deck Overlay, Approach Slabs, Guardrail, Berm Repair and Riprap - \$6.388M 2017 Construction



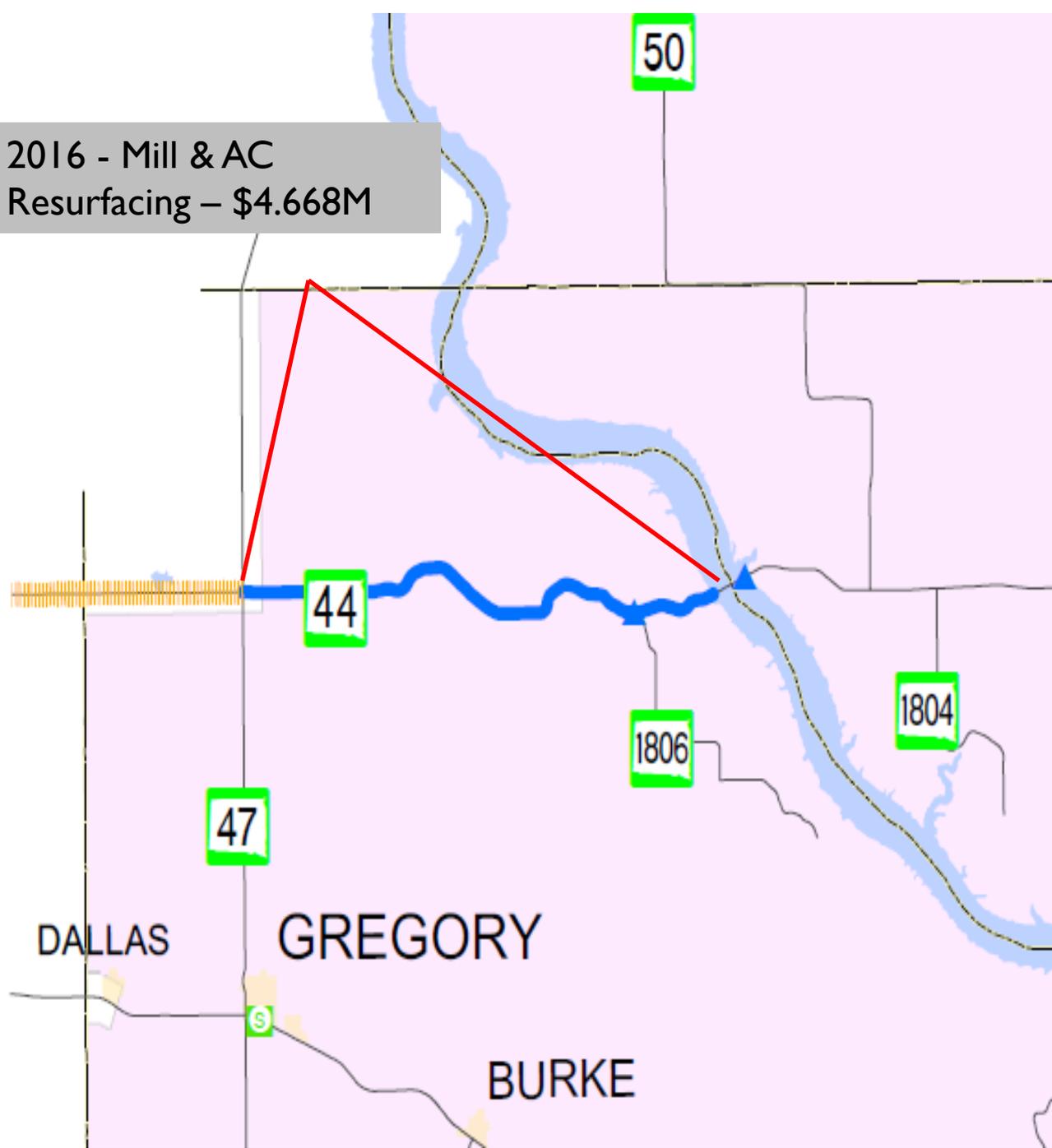




2016 – PCCP Repair, AC Overlay,
Left Turn Lanes, Rdwy Lighting -
\$10.772M

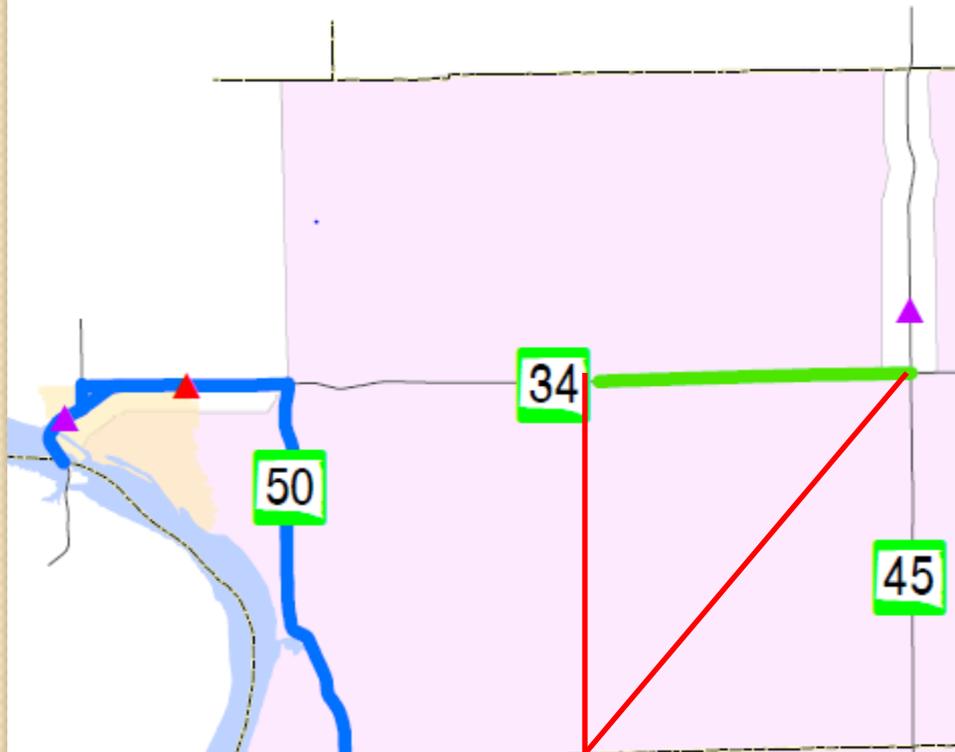


2016 - Mill & AC
Resurfacing – \$4.668M

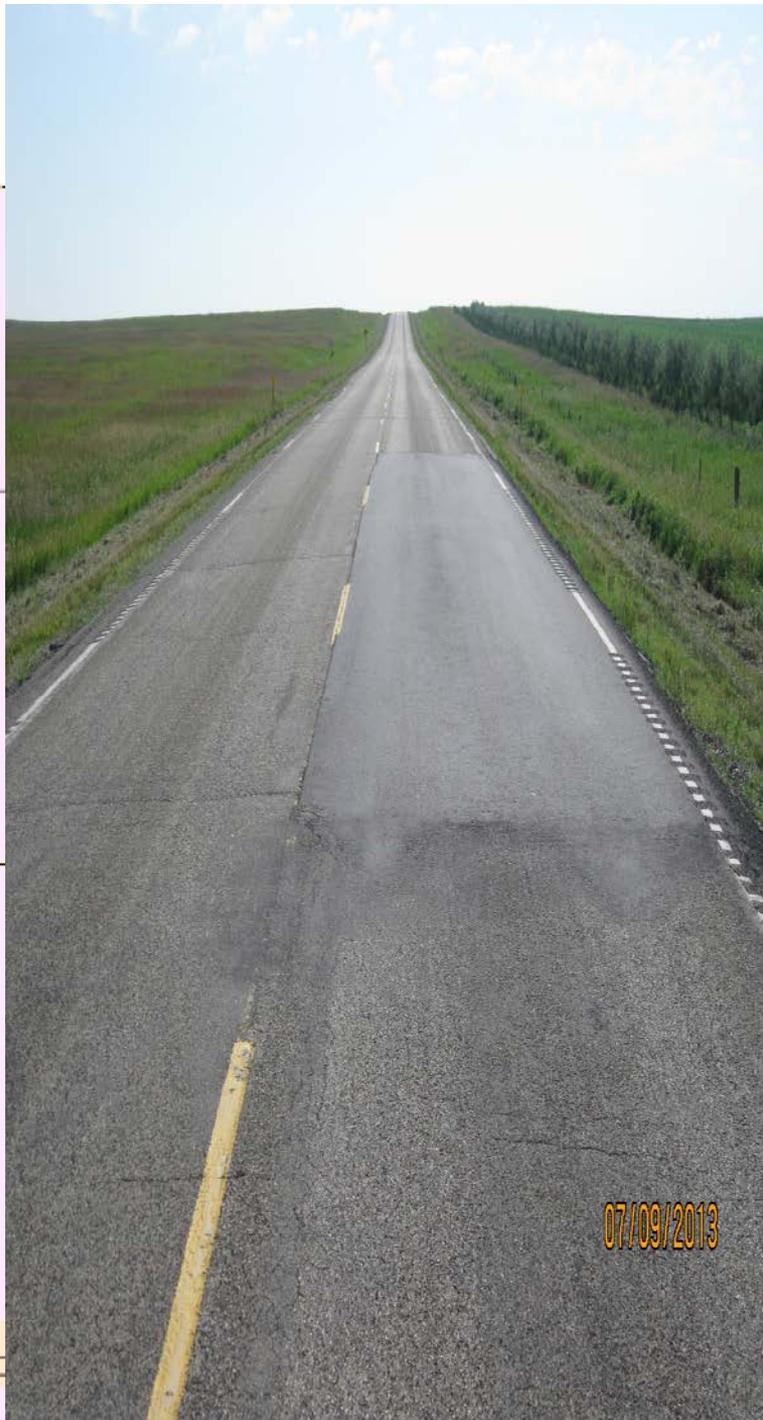
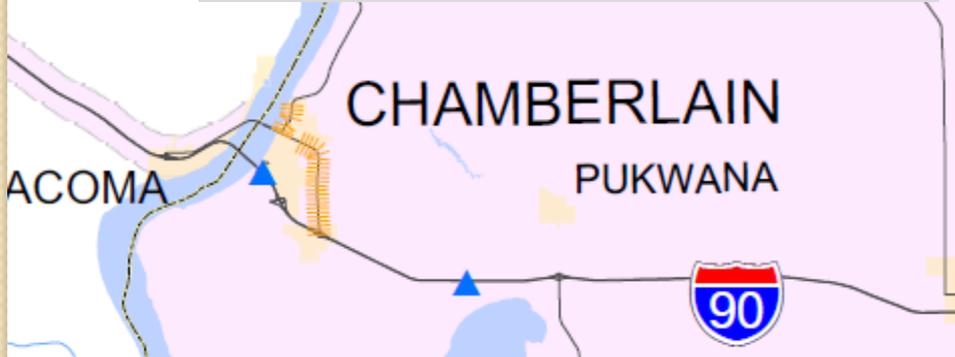


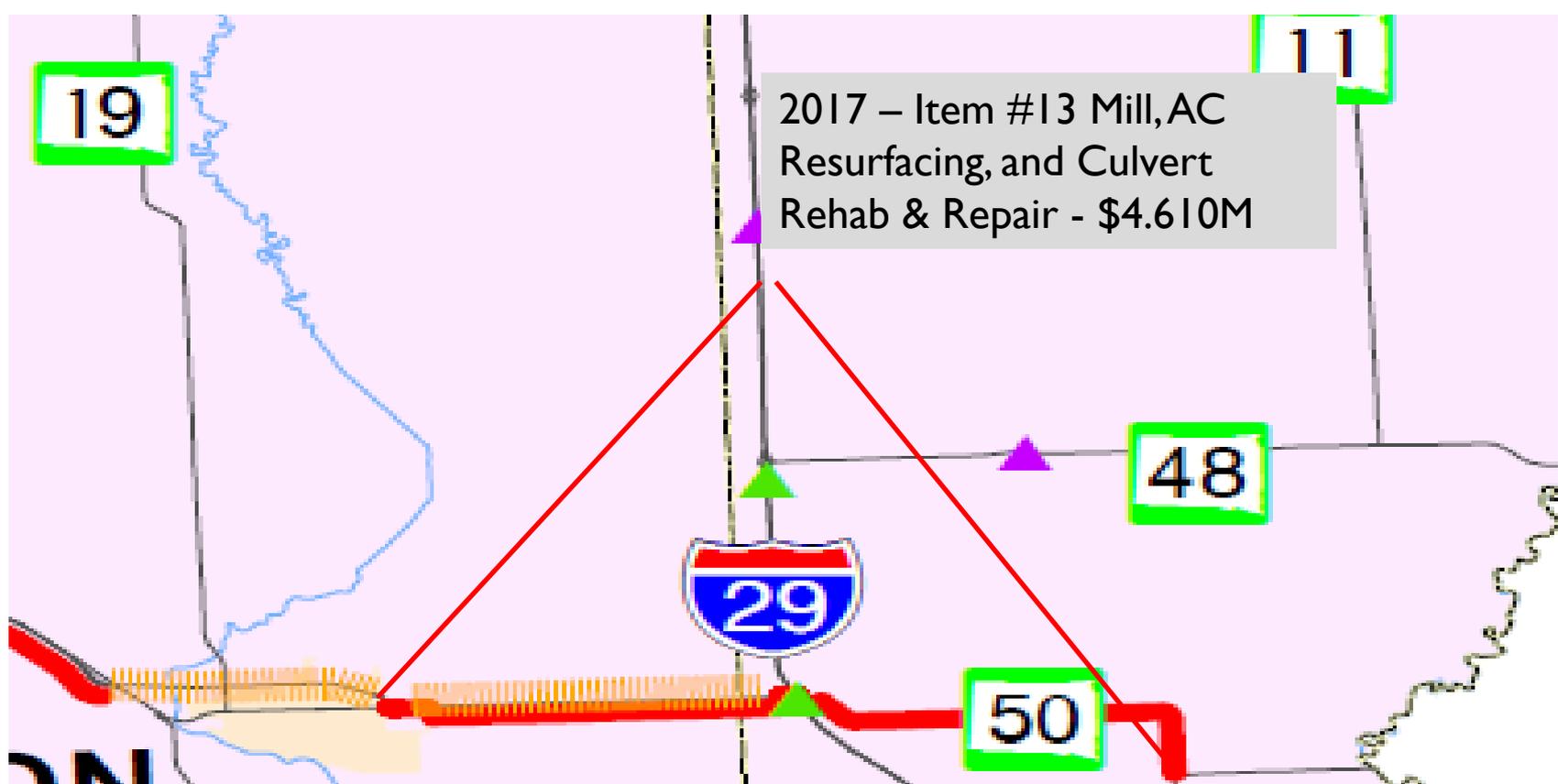


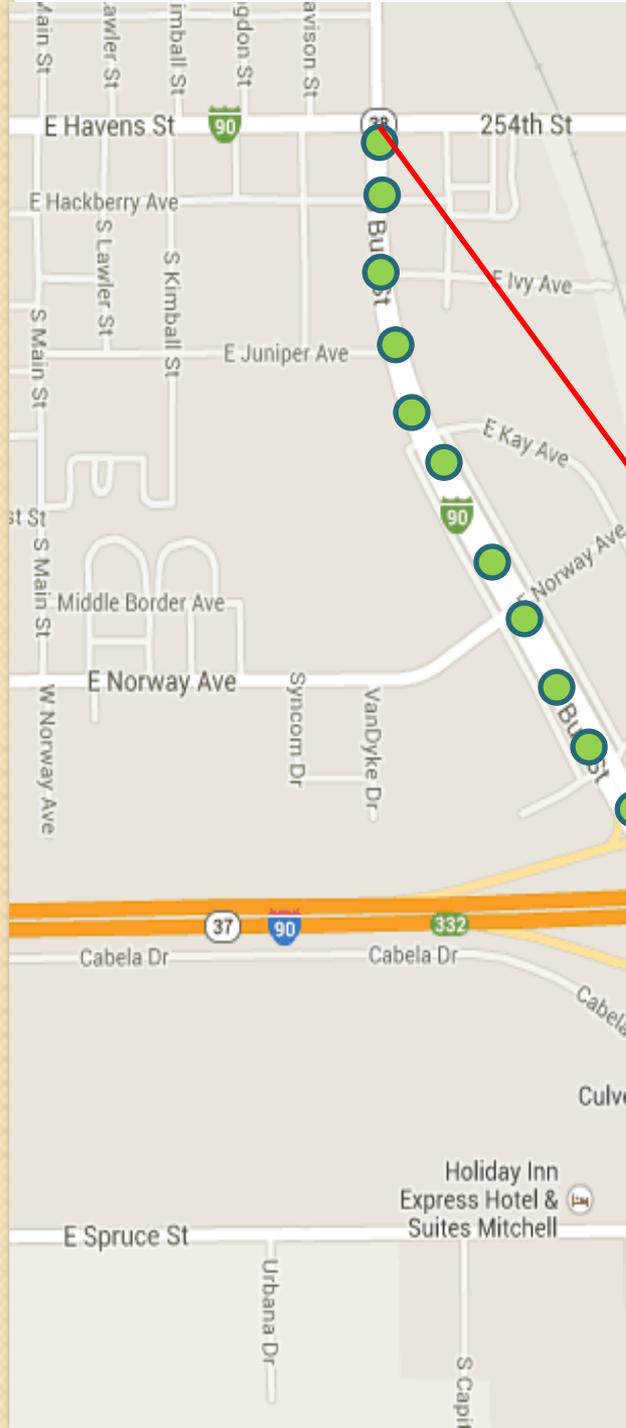
2017 Projects



2017 – Item #9 Mill & AC Resurfacing, and Pipe Work - \$2.583M







2017 – Item #20 Urban Grading, PCC Surfacing, Curb & Gutter, Lighting, Traffic Signals, Storm Sewer, and Sidewalk - \$16.478M

CANOVA



2017 – Item #33 Mill & AC
Resurfacing - \$3.833M

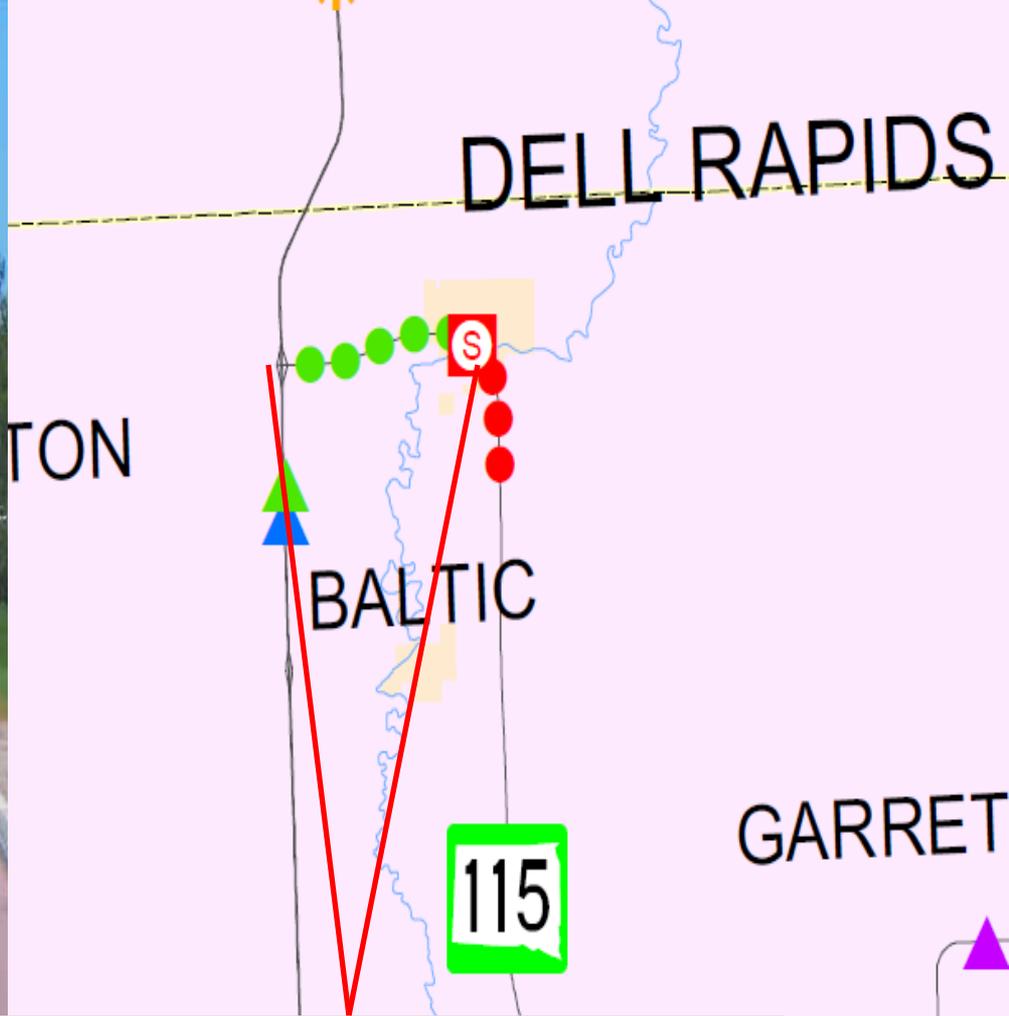
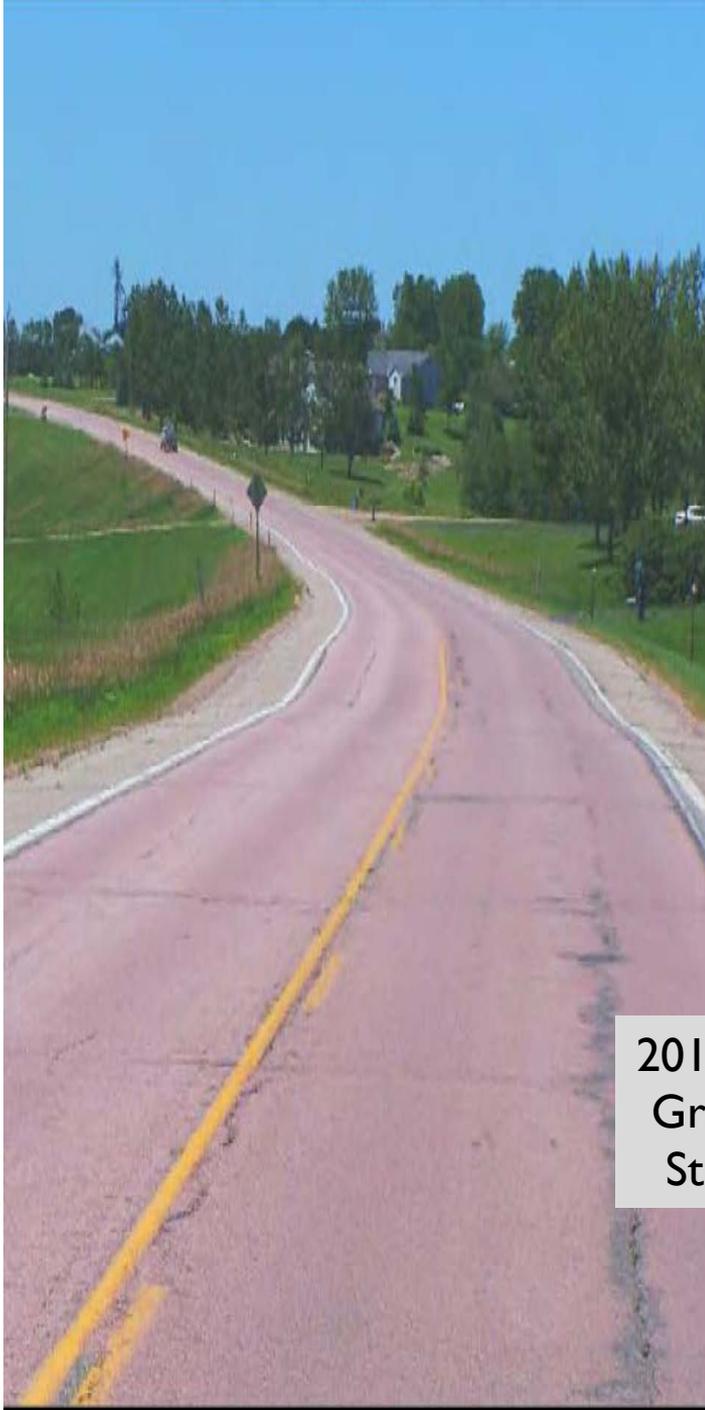


DOLTON

MONROE

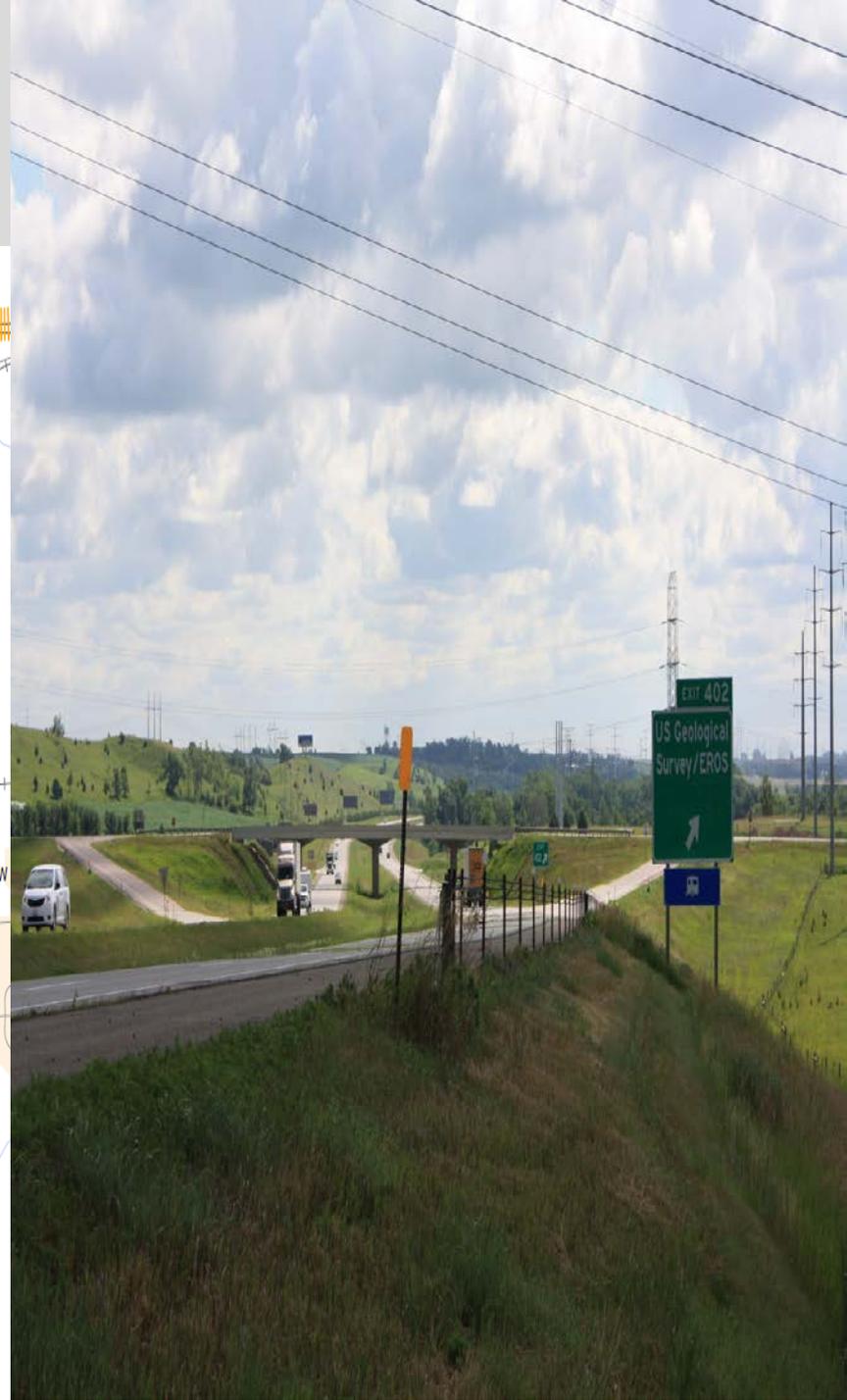
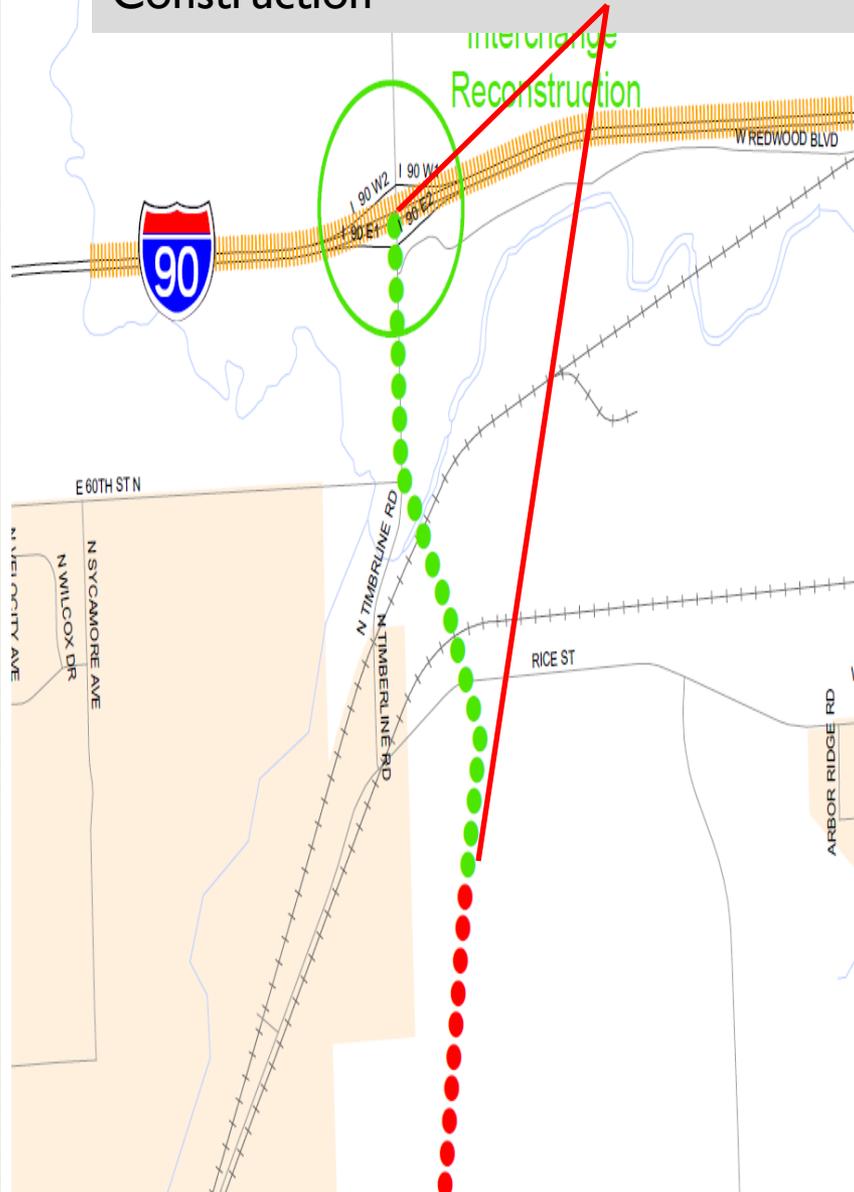
MARION





2017 – Item #37 Reconstruct Interchange, Grading, PCC Surfacing, Lighting, Replace Structures, & RCBC Repair - \$21.160M

2017 – Item #38 Construct Interchange, Grading, Surfacing and Structure - \$48.275M 2018/2019 Construction

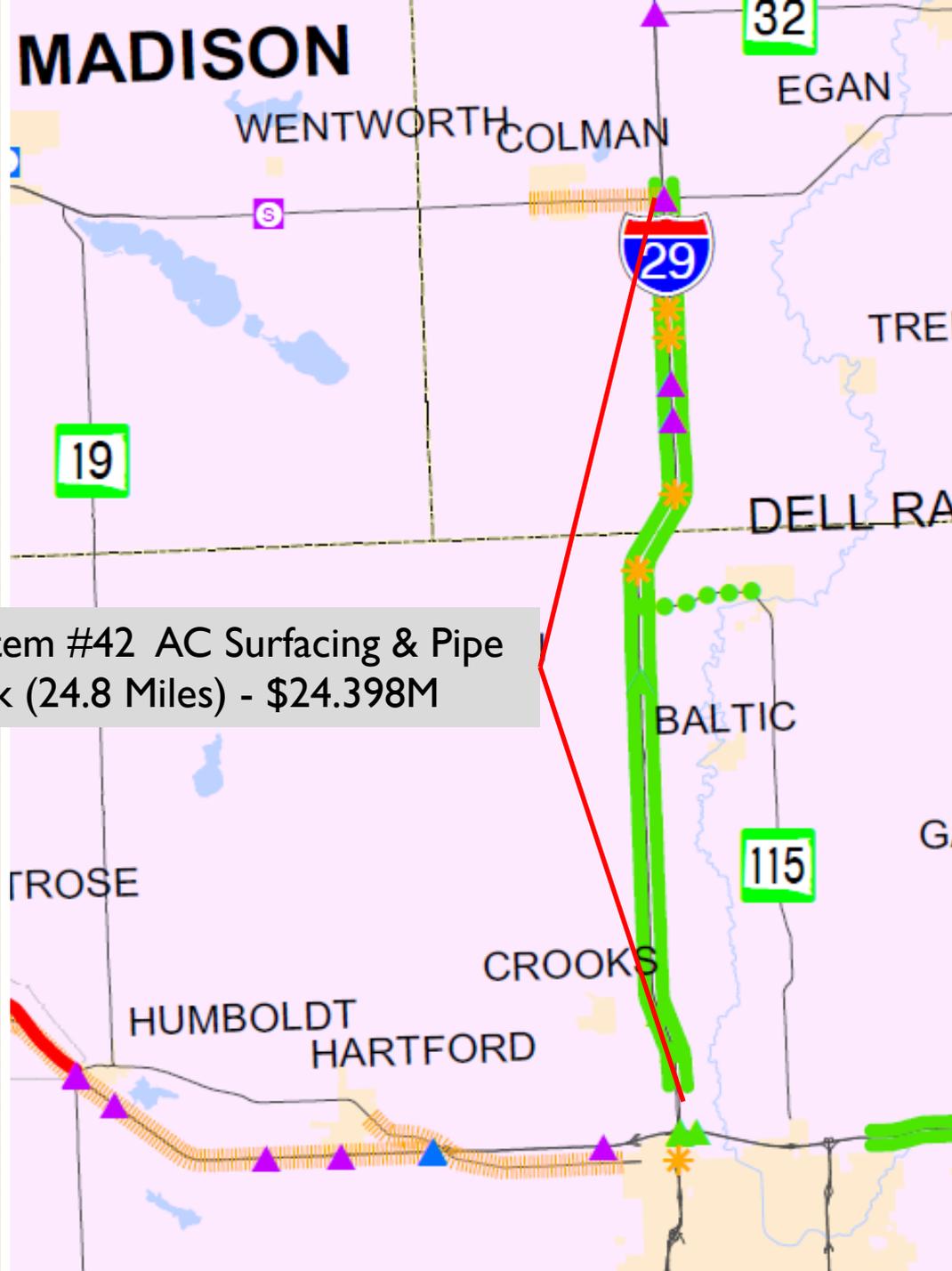


2017 – Item #41 AC Overlay (10.8 Miles) - \$11.981M



07/08/2015 15:59

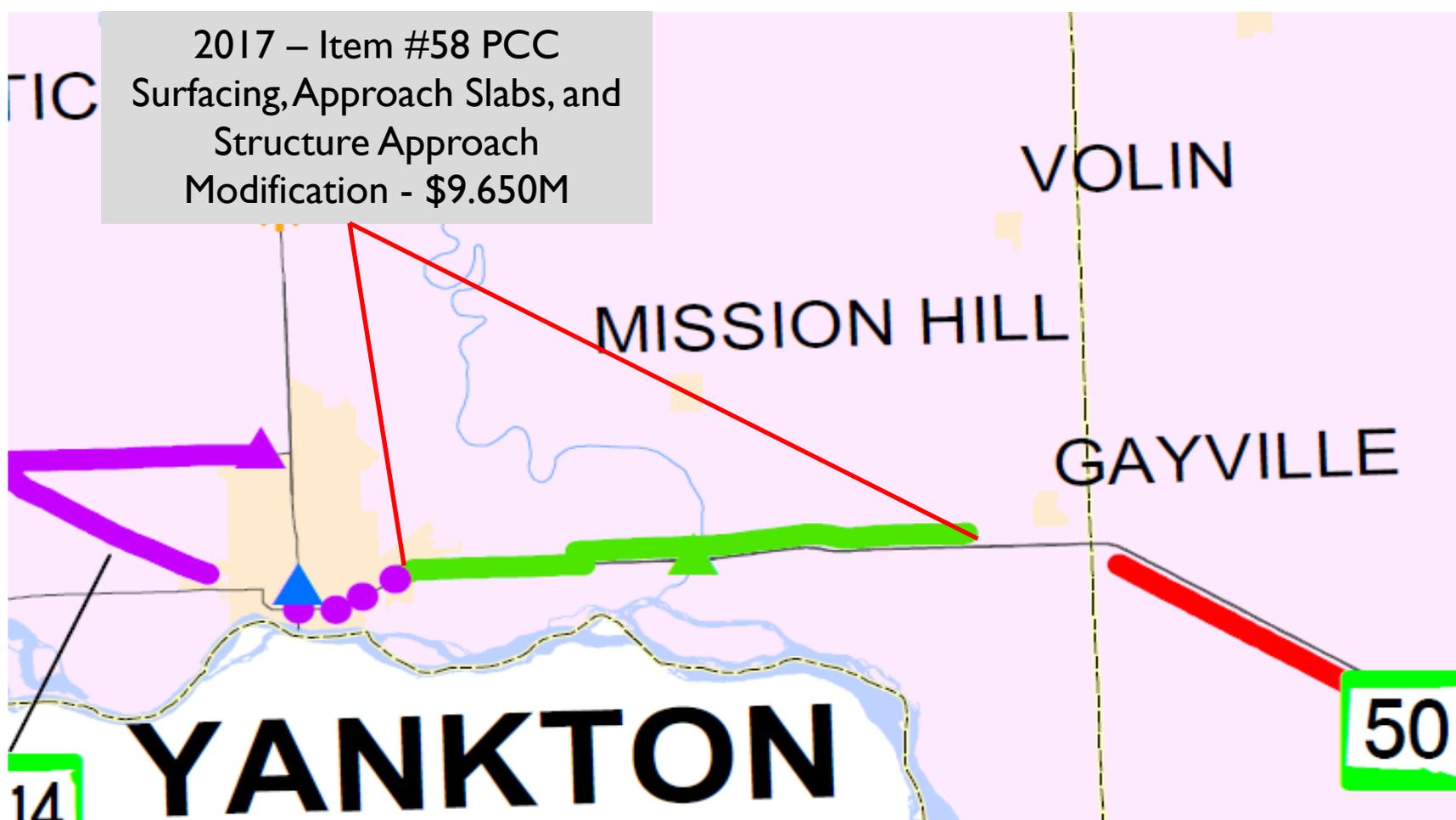
MADISON



2017 – Item #42 AC Surfacing & Pipe Work (24.8 Miles) - \$24.398M

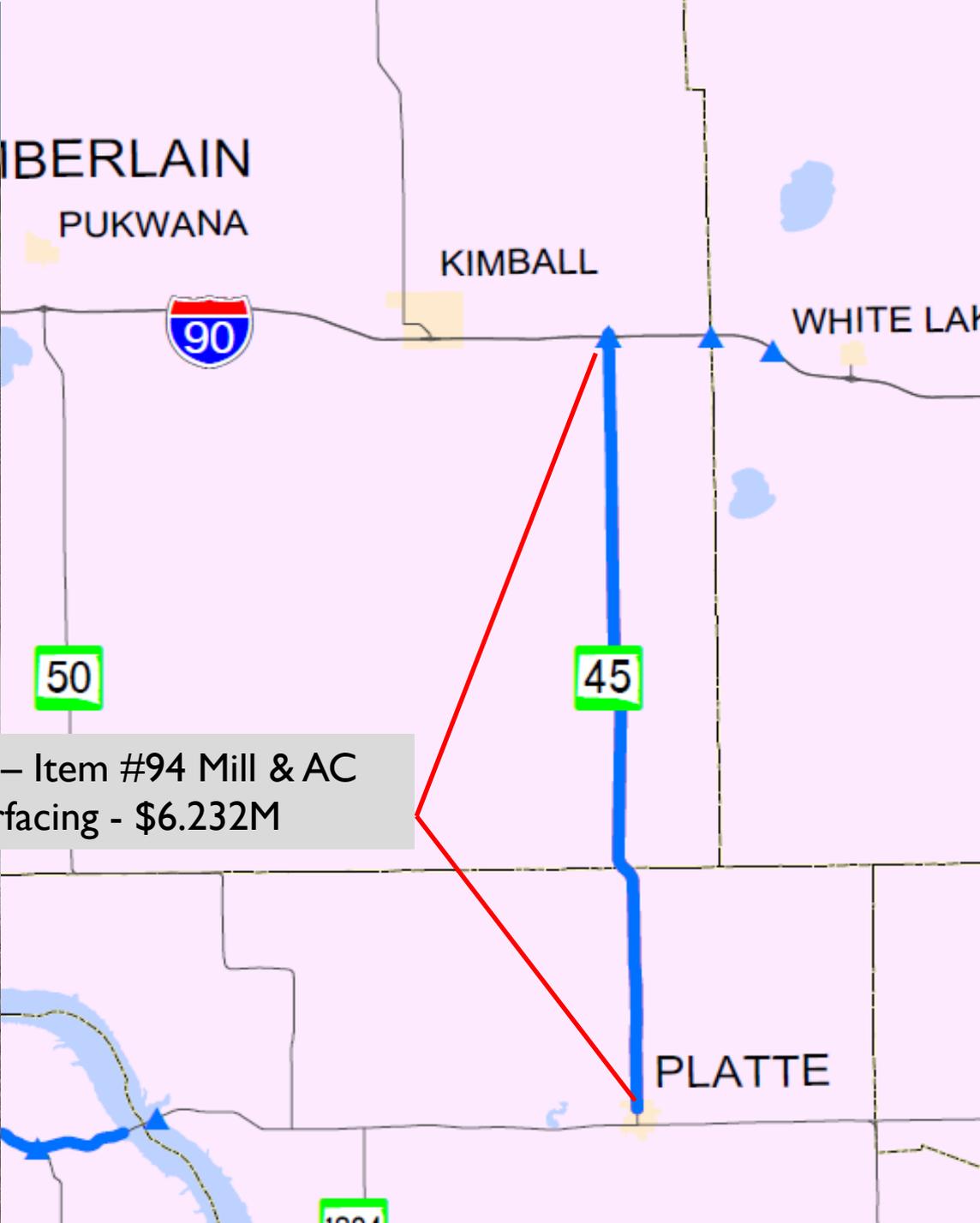


2017 – Item #58 PCC
Surfacing, Approach Slabs, and
Structure Approach
Modification - \$9.650M

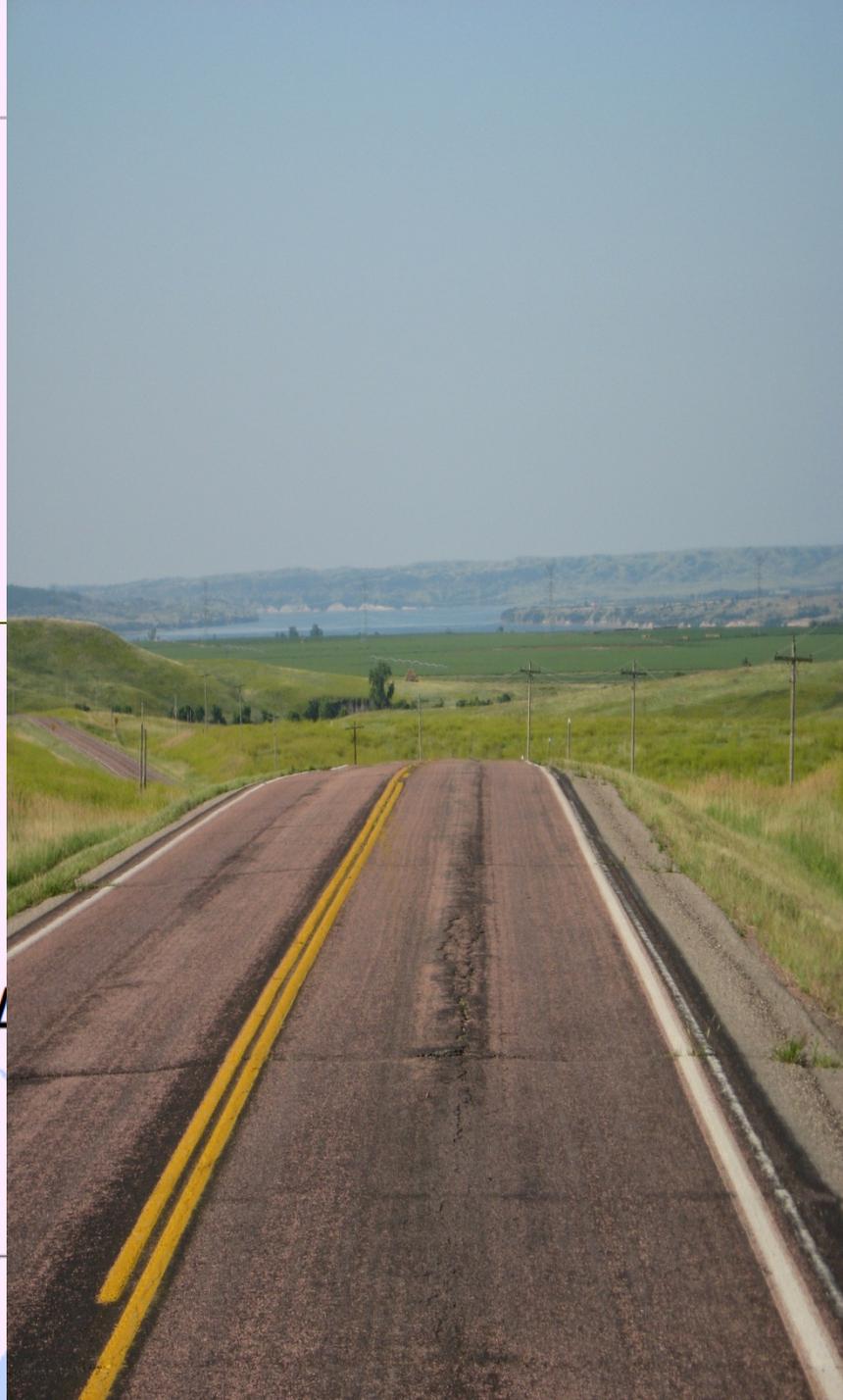
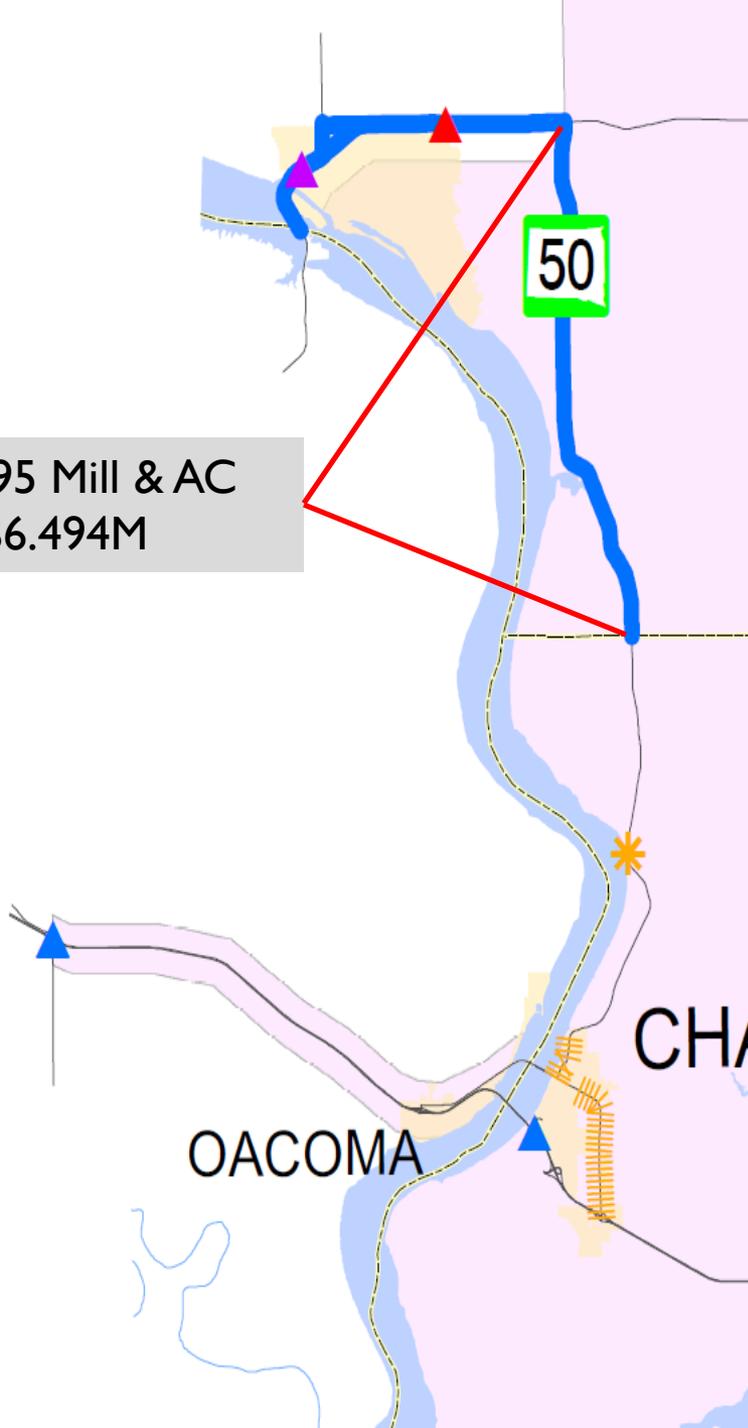


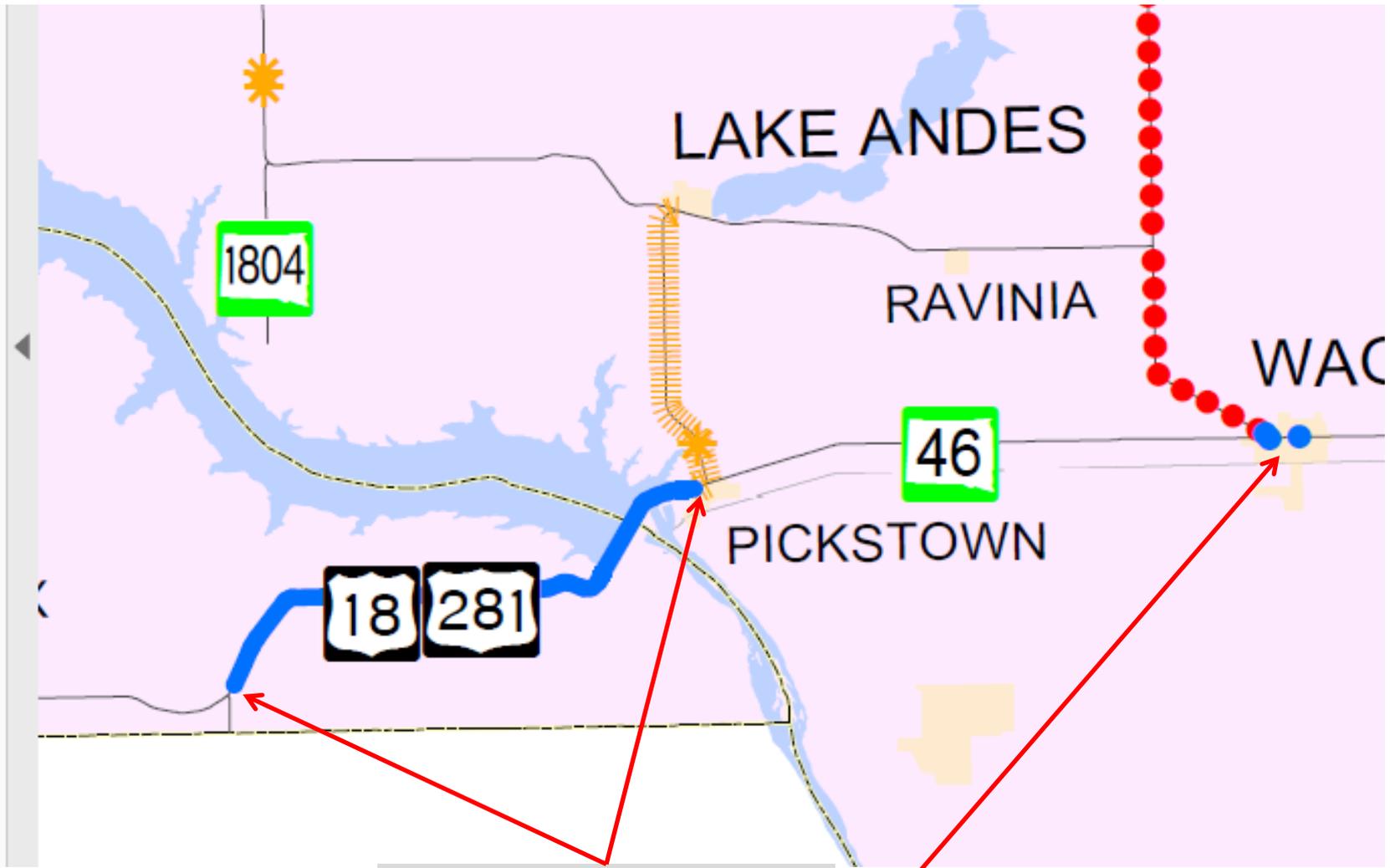


2018 Projects



2018 – Item #95 Mill & AC
Resurfacing - \$6.494M





2018 – Item #96 Mill & AC Resurfacing, Guardrail, Lighting, Slide Repair – \$5.802M

LETCHER



2018 Item #98 PCCP
Resurfacing, Deck
Overlay, Approach Slabs –
\$10.181M

MITCH

FU

MOUNT VERNON



45



STICKNEY

42

281

CORSICA

PLATTE

44

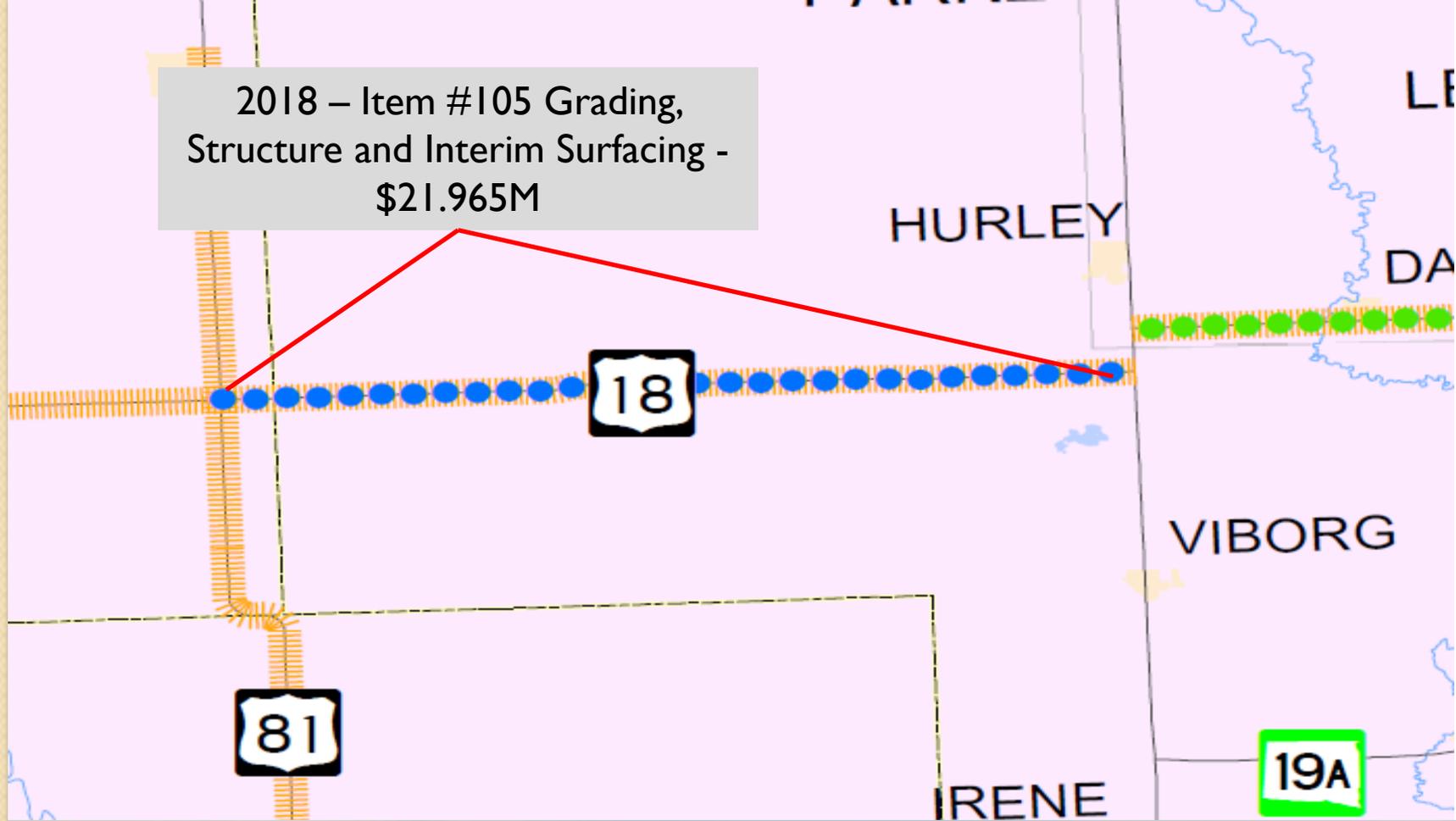
ARMOUR

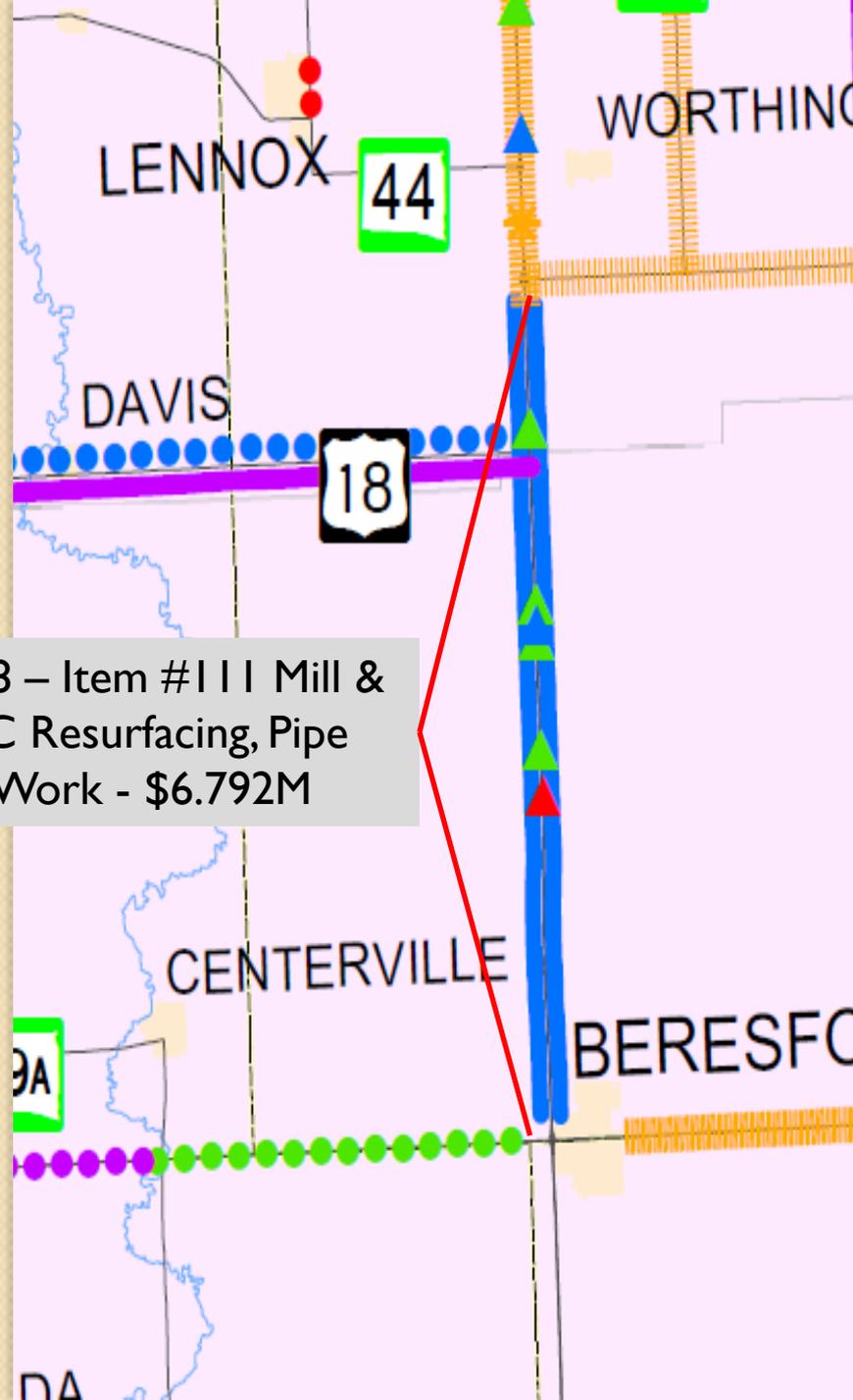
2018 Item #100 Mill & AC Resurfacing- \$4.284M

50

GEDDES

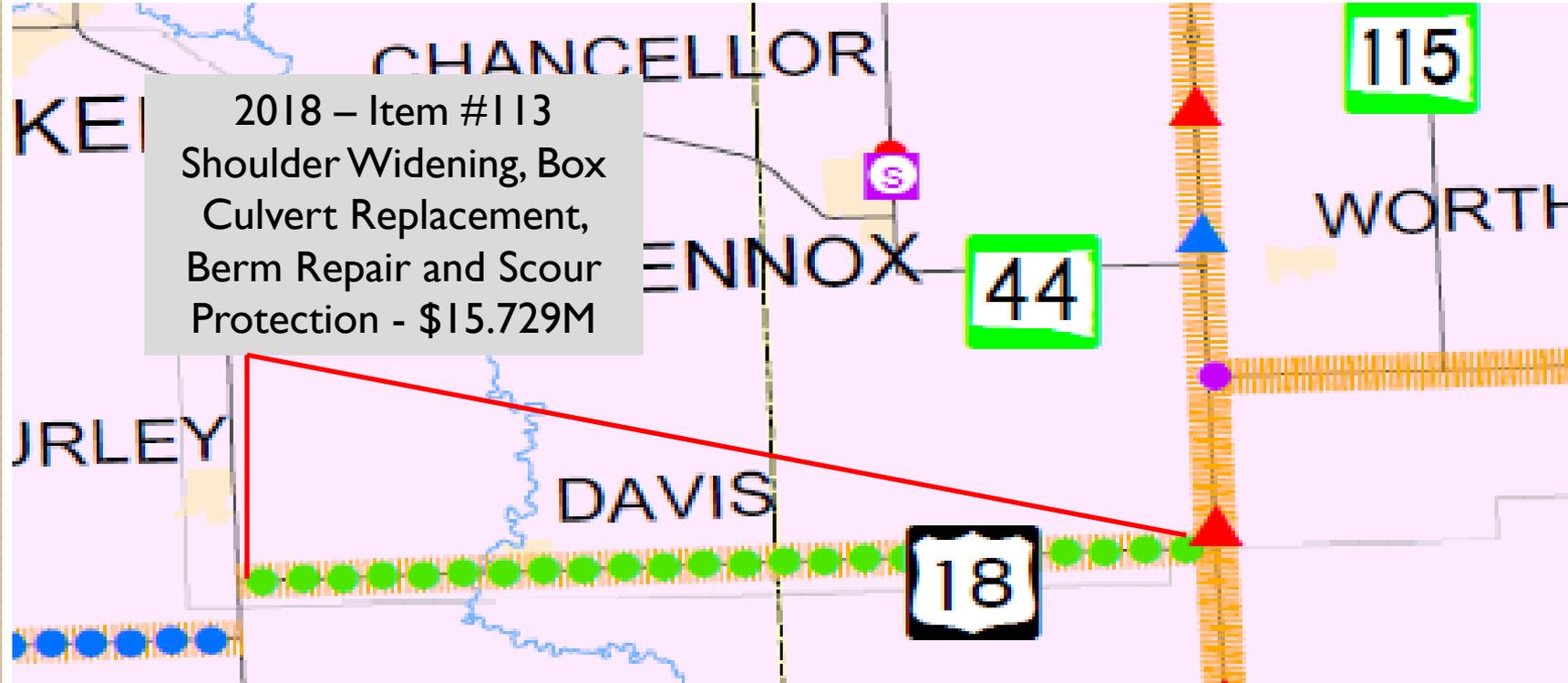
2018 – Item #105 Grading,
Structure and Interim Surfacing -
\$21.965M





2018 – Item #111 Mill & AC Resurfacing, Pipe Work - \$6.792M





2018 – Item #113
Shoulder Widening, Box
Culvert Replacement,
Berm Repair and Scour
Protection - \$15.729M

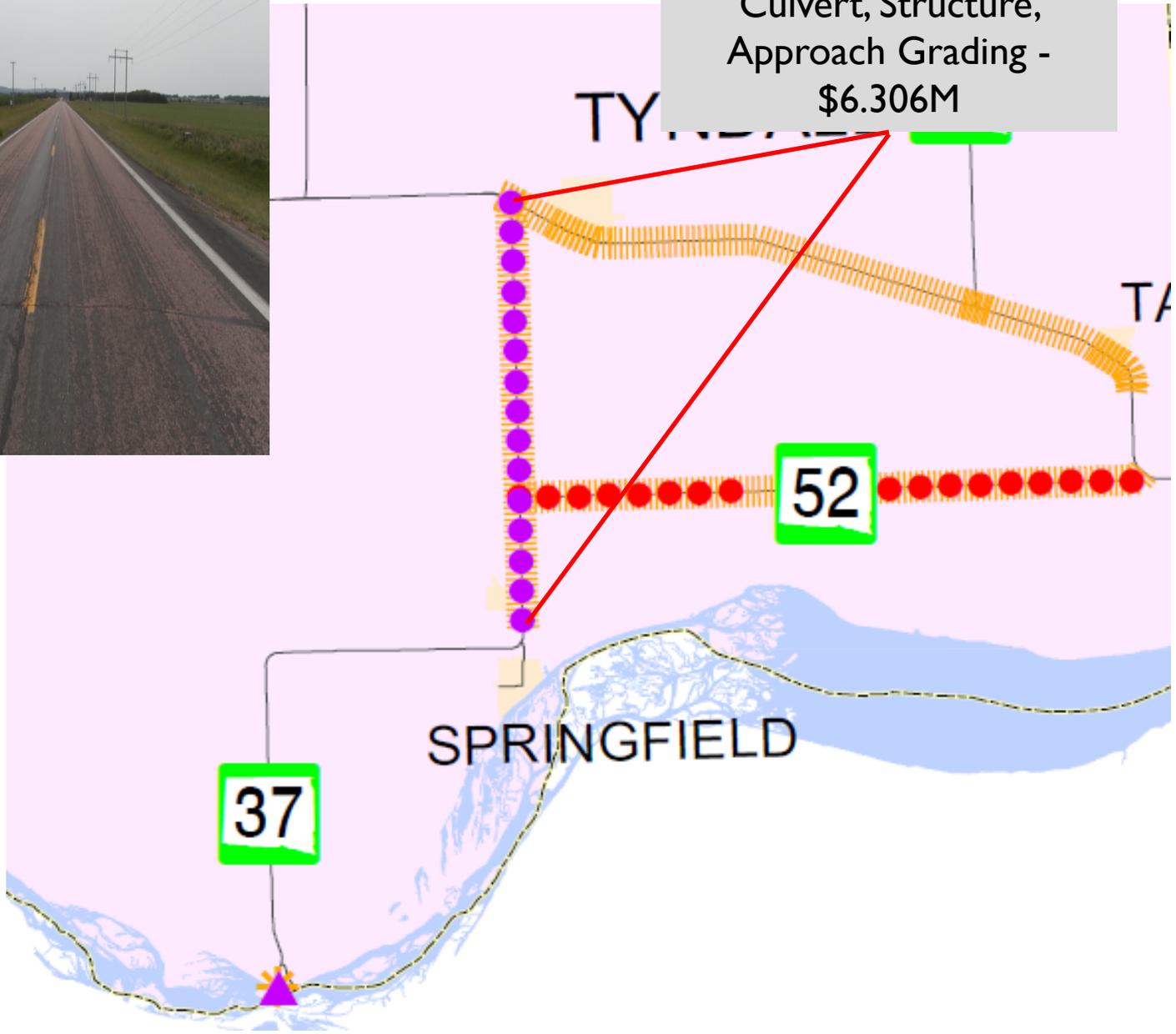


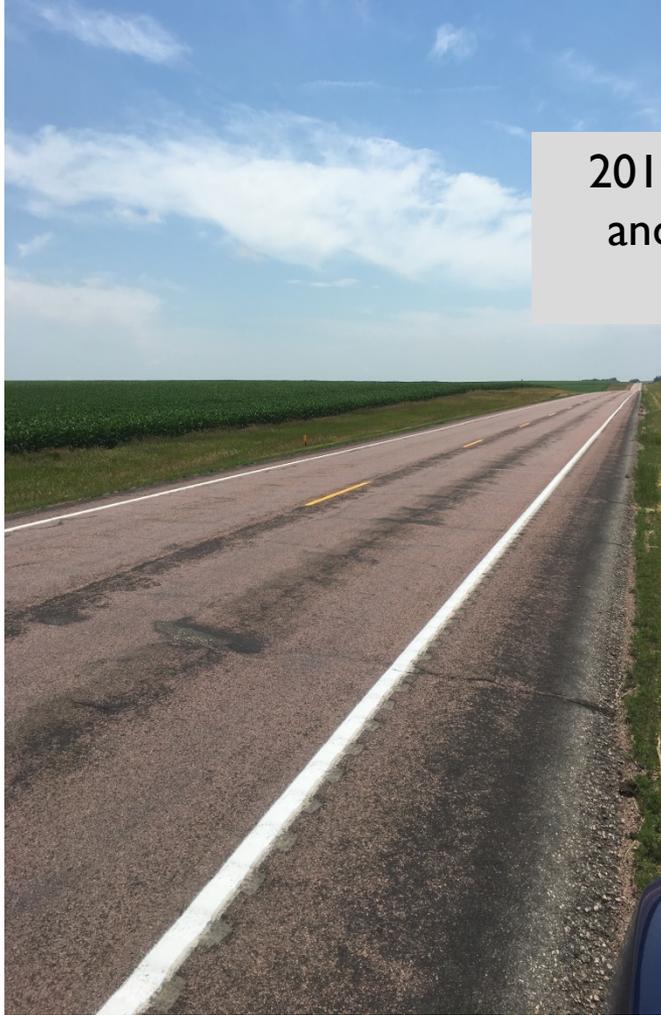


2019 Projects

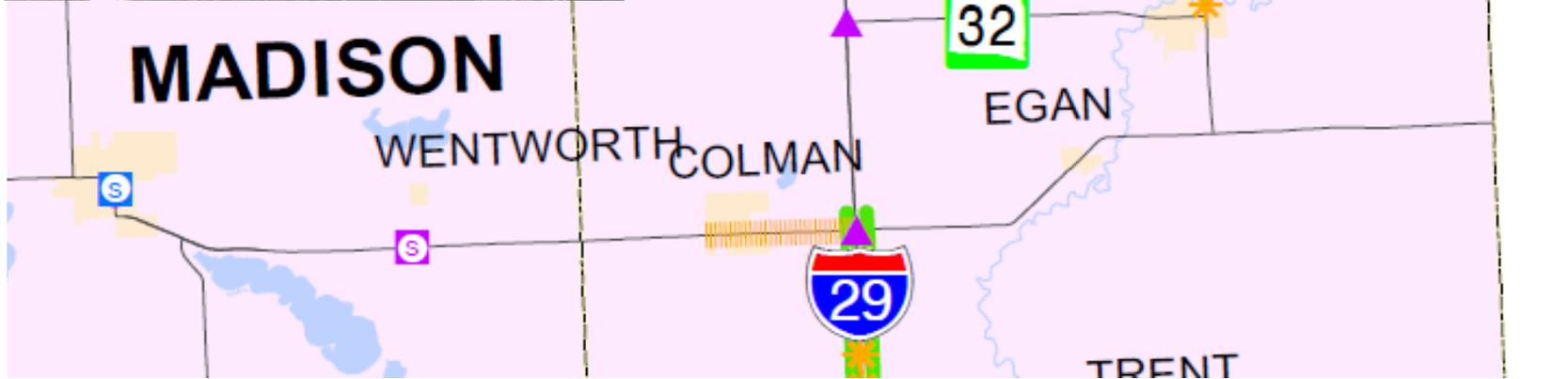


2019 – Item #161
Shoulder Widening,
Culvert, Structure,
Approach Grading -
\$6.306M

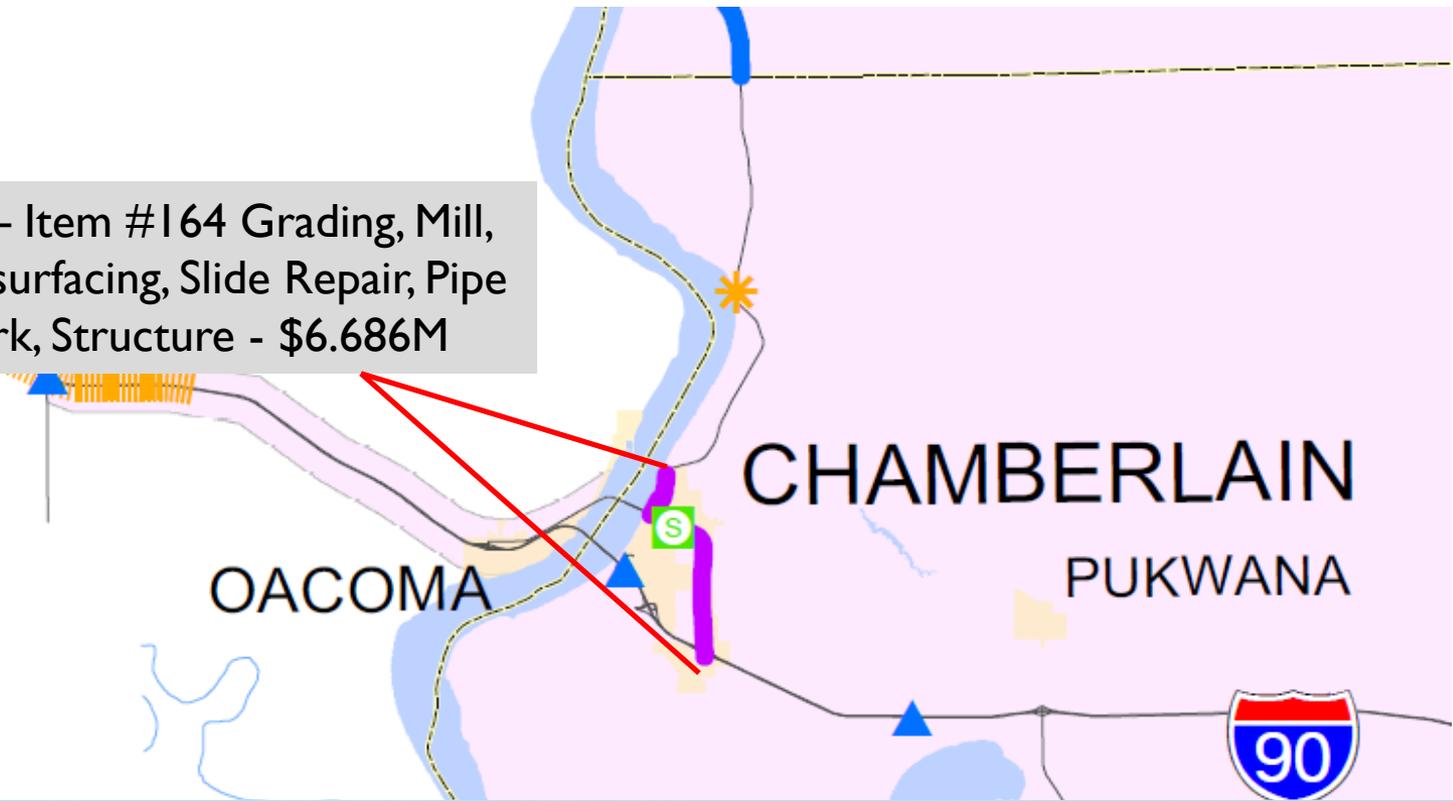




2019 – Item #163 Mill
and AC Resurfacing-
\$4.784M

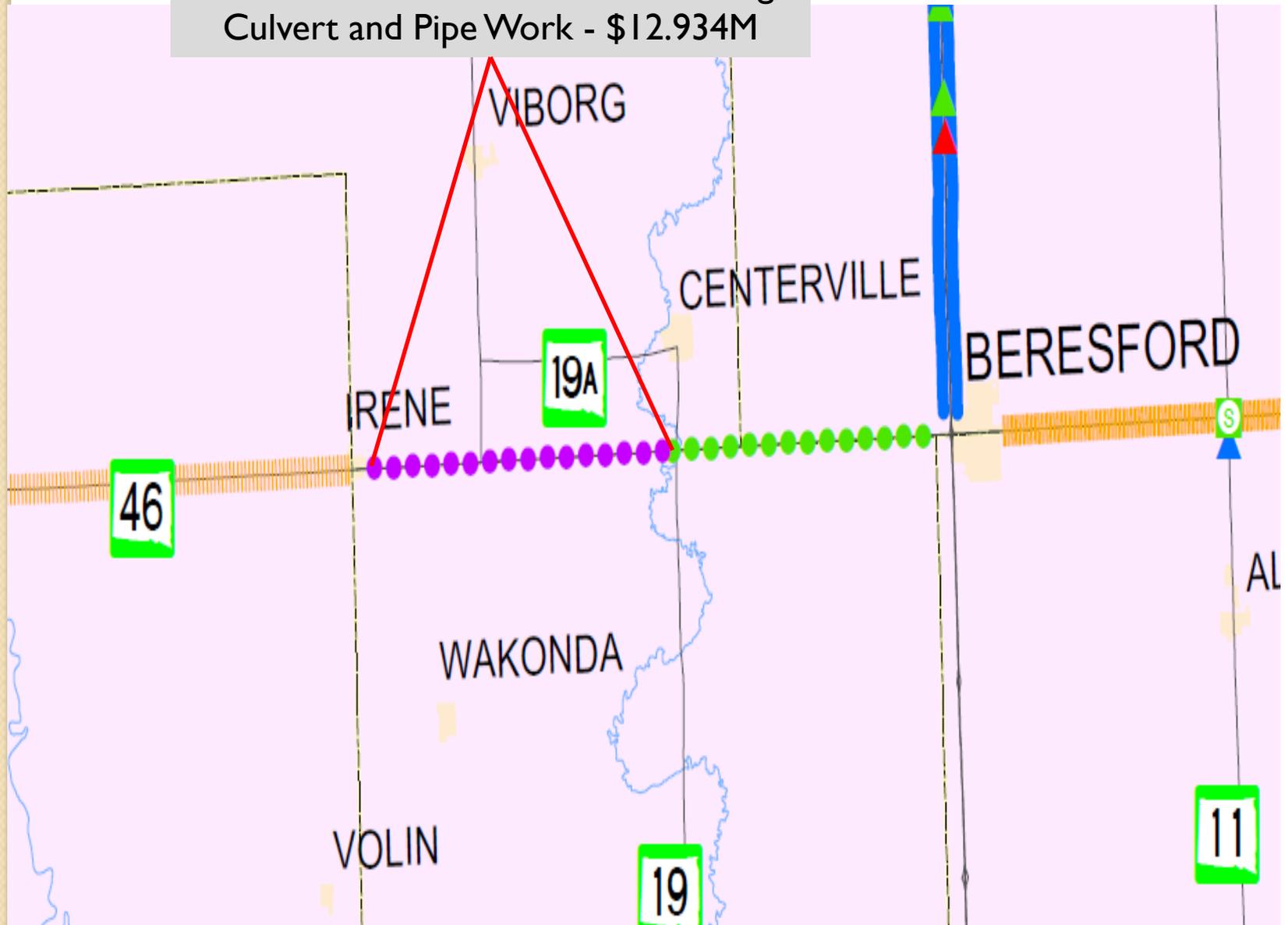


2019 – Item #164 Grading, Mill, AC Resurfacing, Slide Repair, Pipe Work, Structure - \$6.686M





2019 – Item #166 Shoulder Widening,
Culvert and Pipe Work - \$12.934M

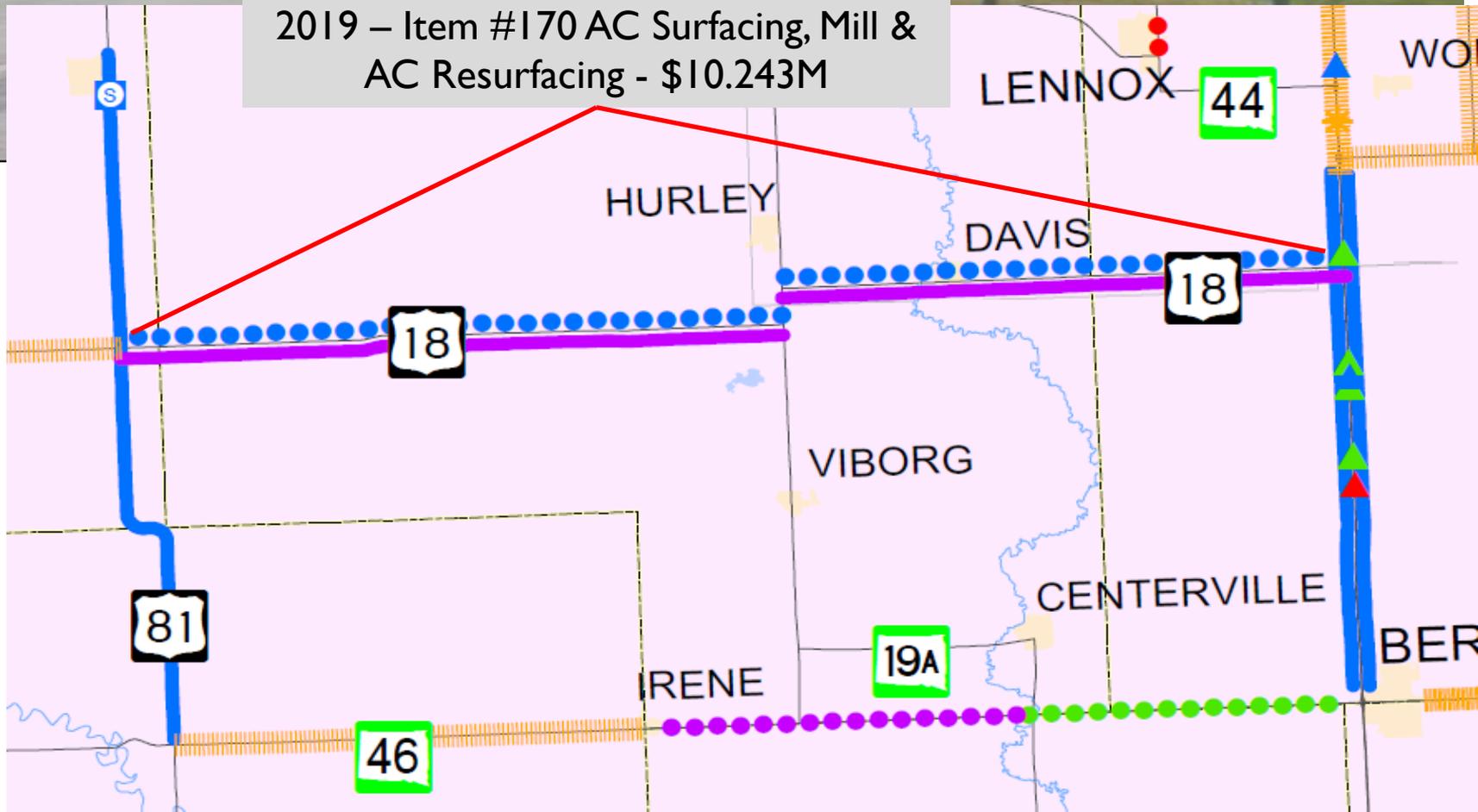




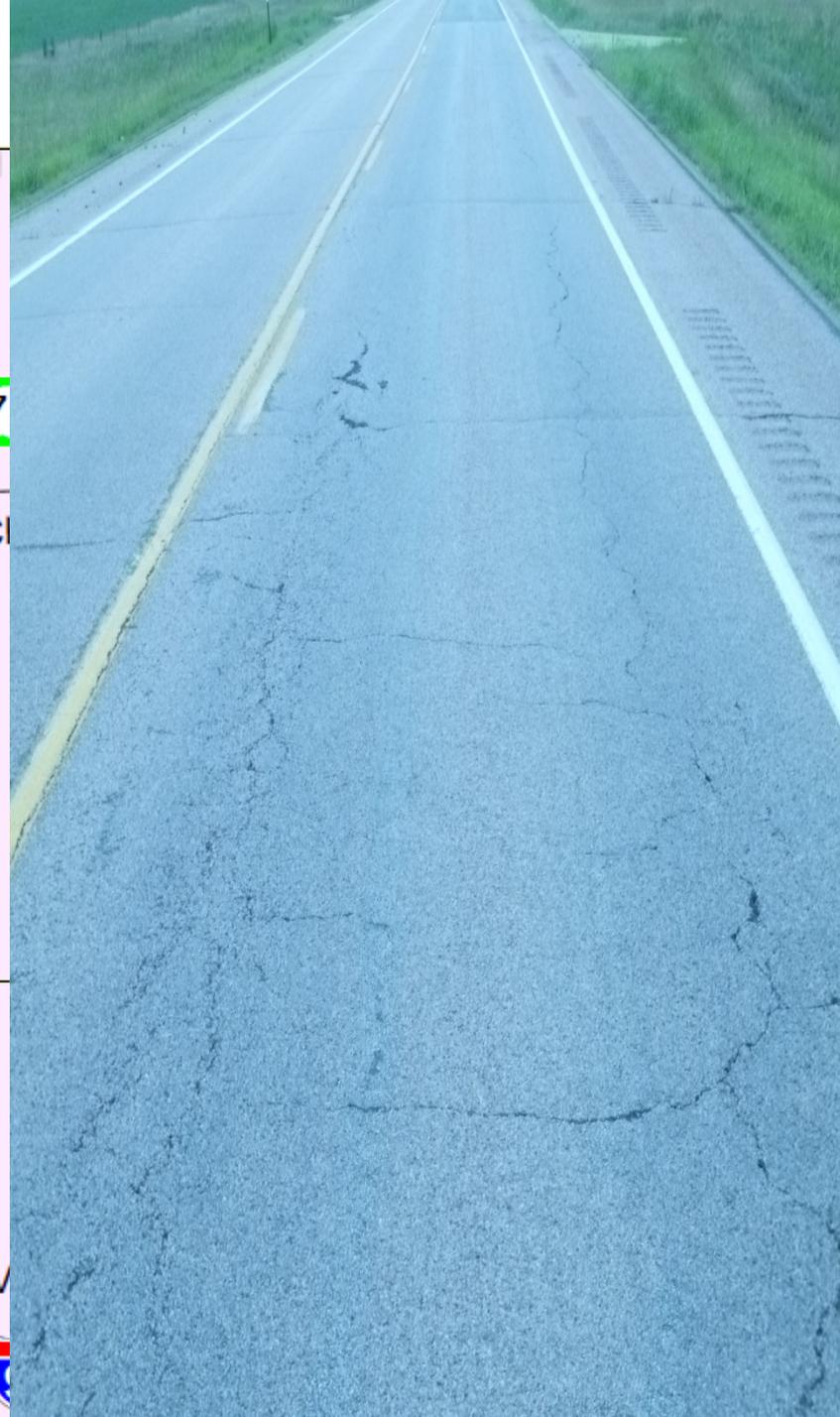
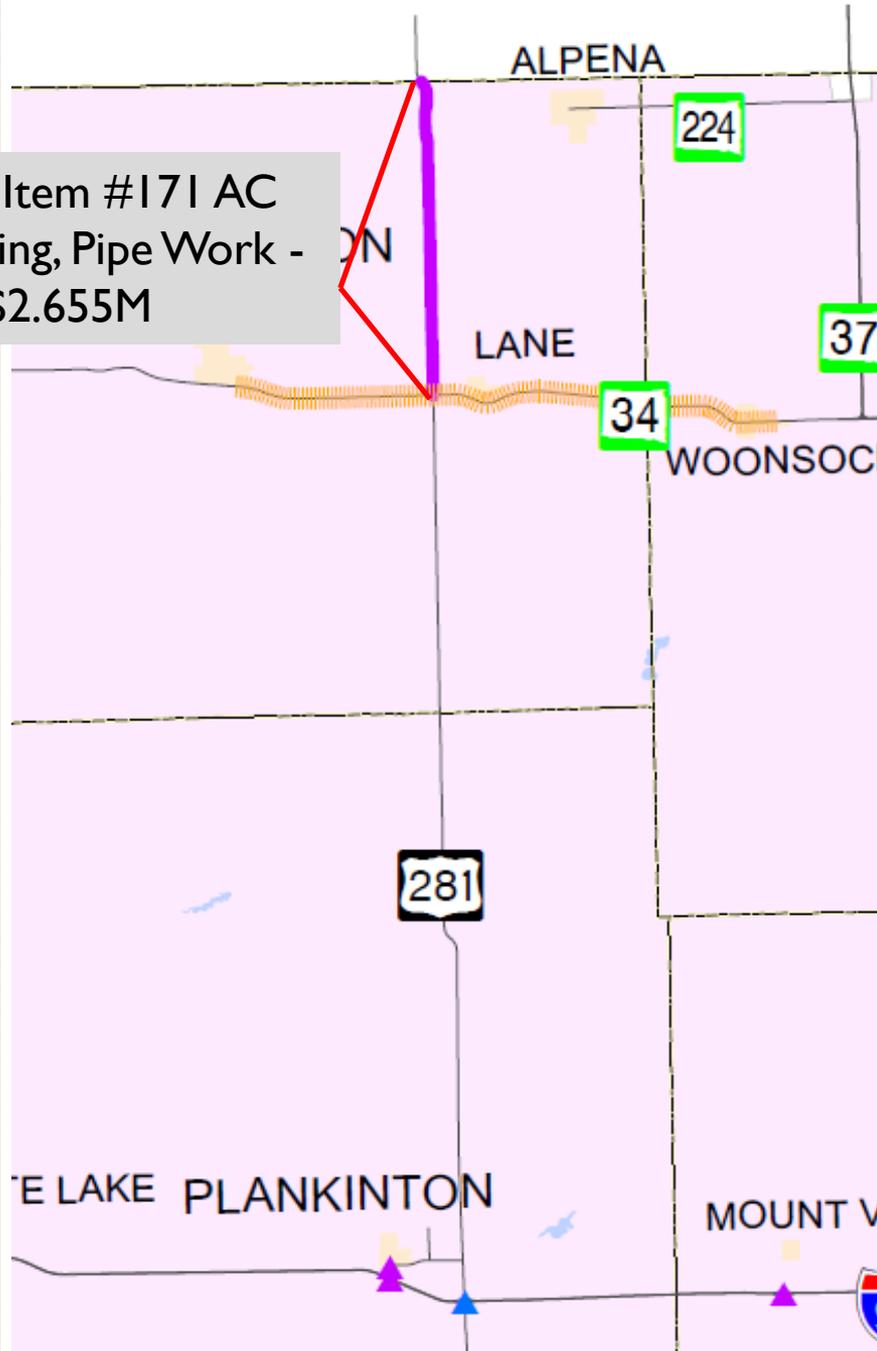
2019 – Item #167 AC Resurfacing and Mill & AC Resurfacing - \$4.371M

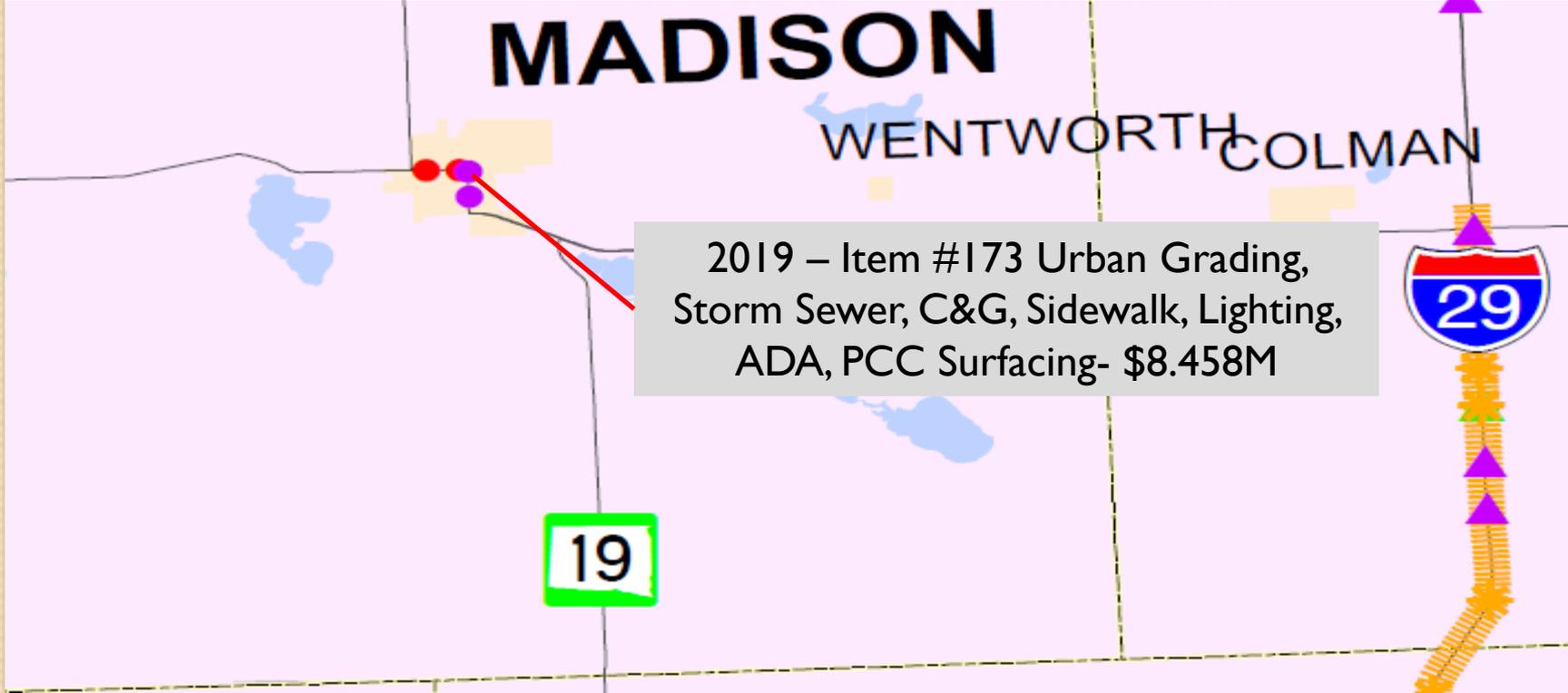


2019 – Item #170 AC Surfacing, Mill & AC Resurfacing - \$10.243M



2019 – Item #171 AC
Resurfacing, Pipe Work -
\$2.655M

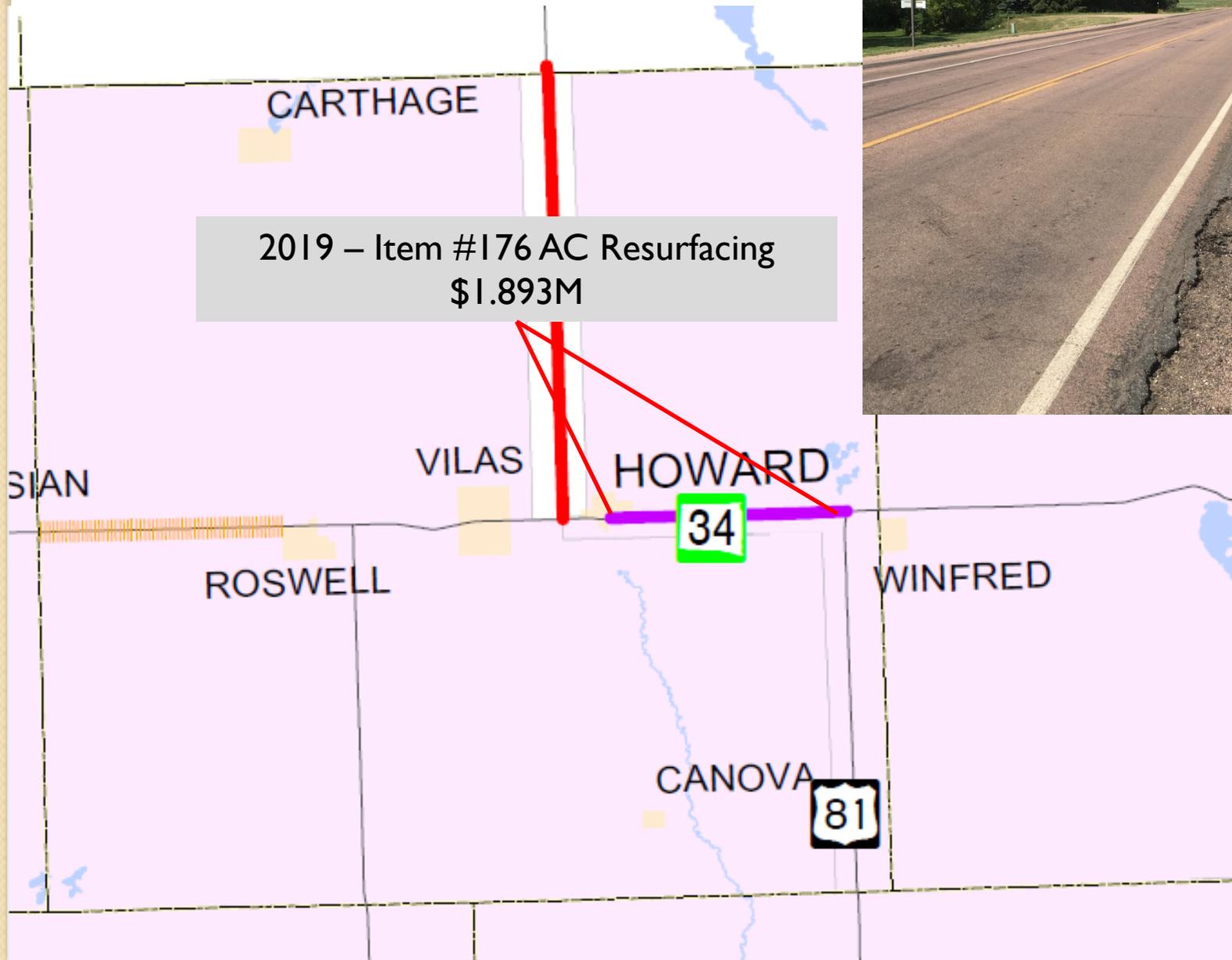




2019 – Item #175 Mill & AC
Resurfacing \$2.869M



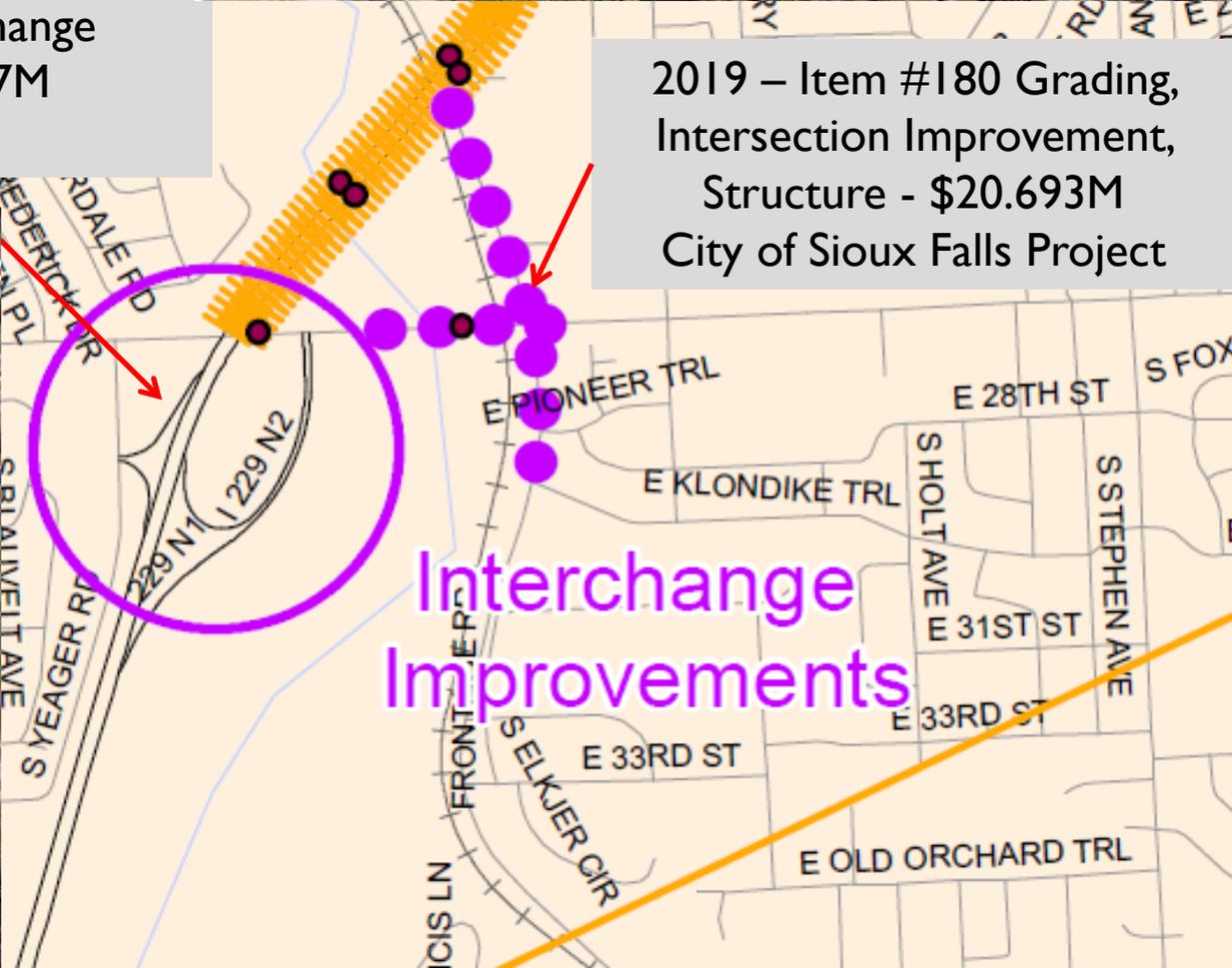
07/08/2015 13:35





2019 – Item #177 Interchange Improvement - \$12.617M SDDOT Project

2019 – Item #180 Grading, Intersection Improvement, Structure - \$20.693M City of Sioux Falls Project

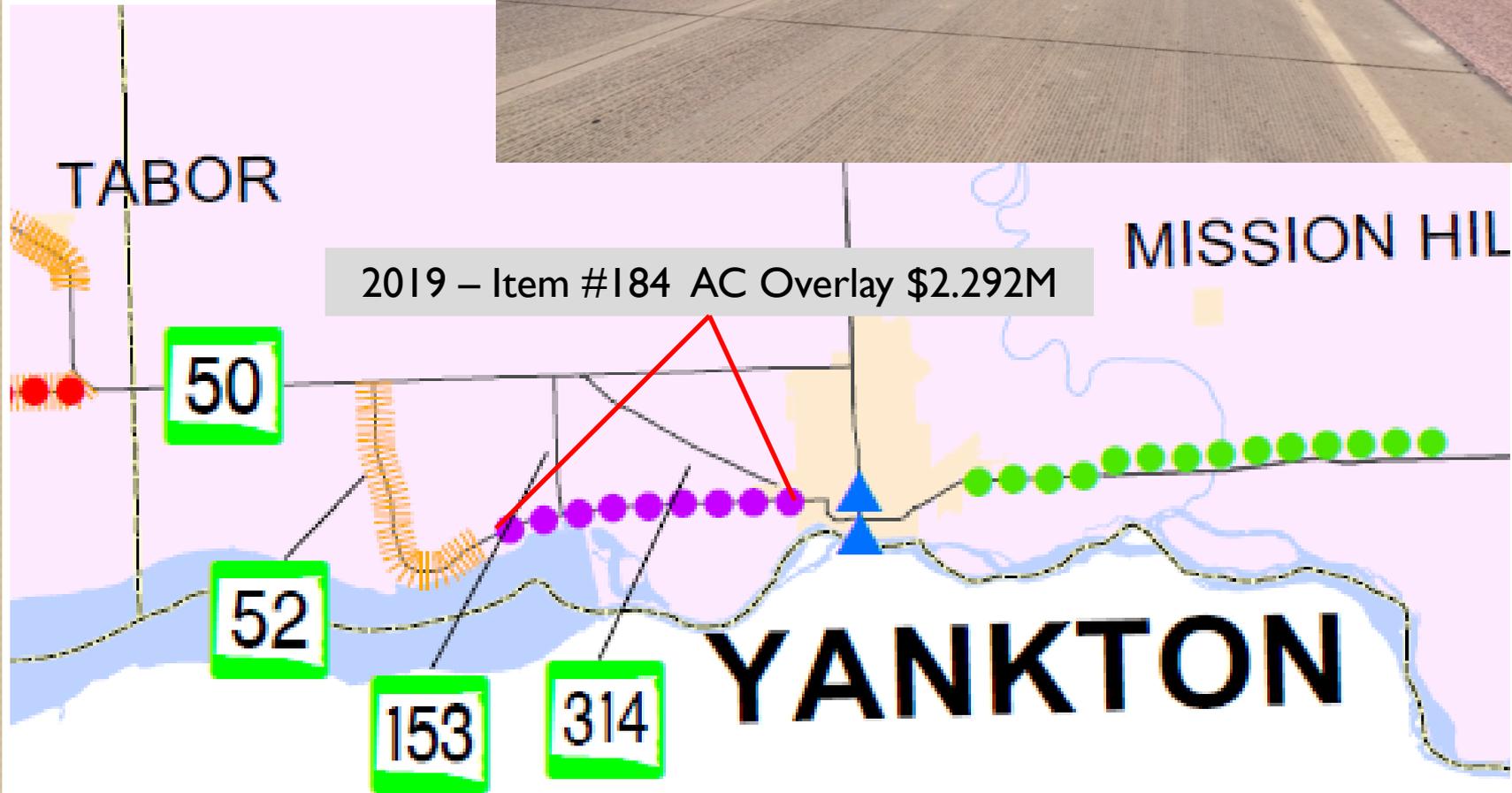


Interchange Improvements



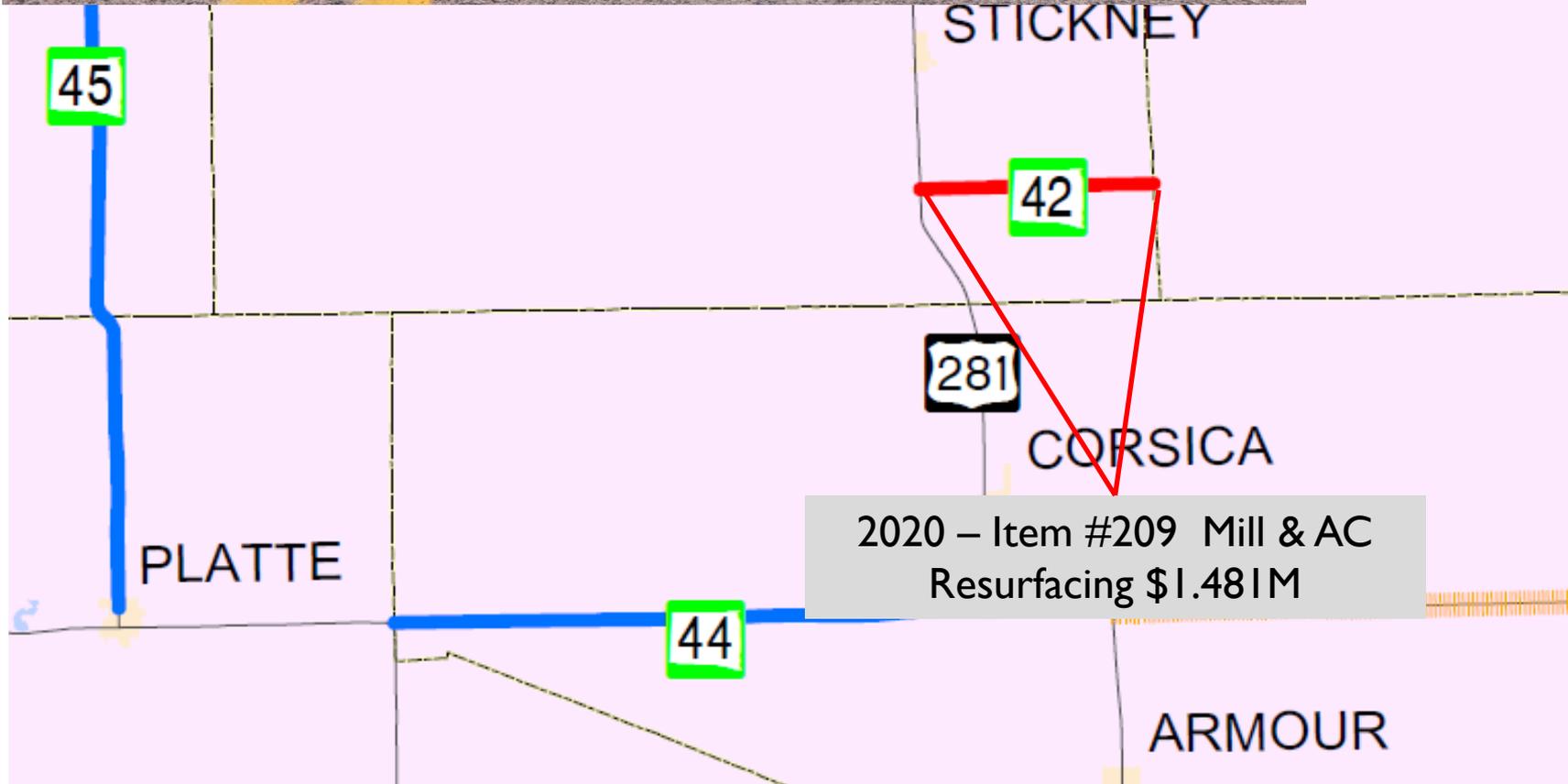
2019 – Item #182 Grading, Storm Sewer, C&G, PCCP Surfacing, Signals, and Lighting \$10.372M

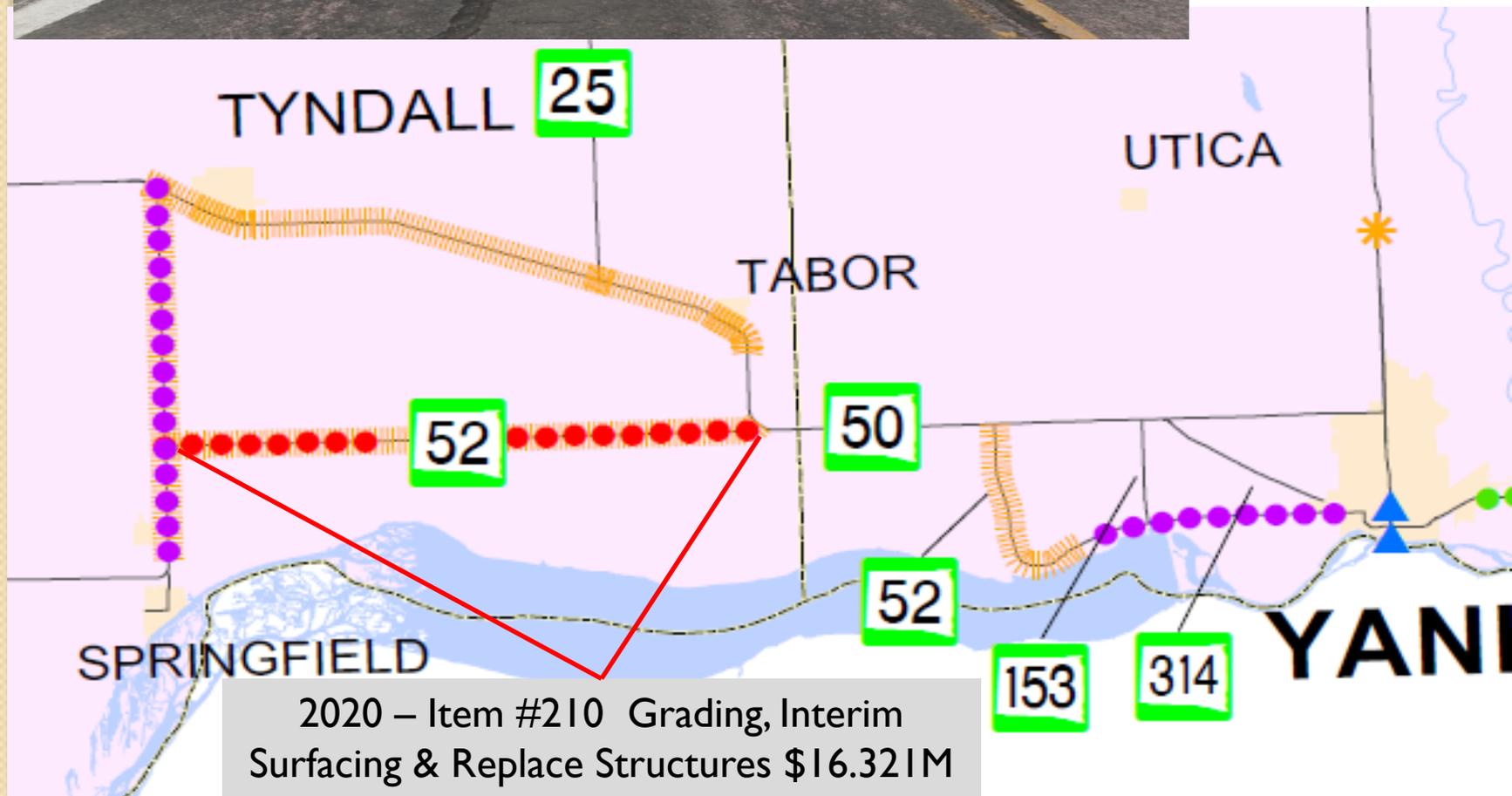




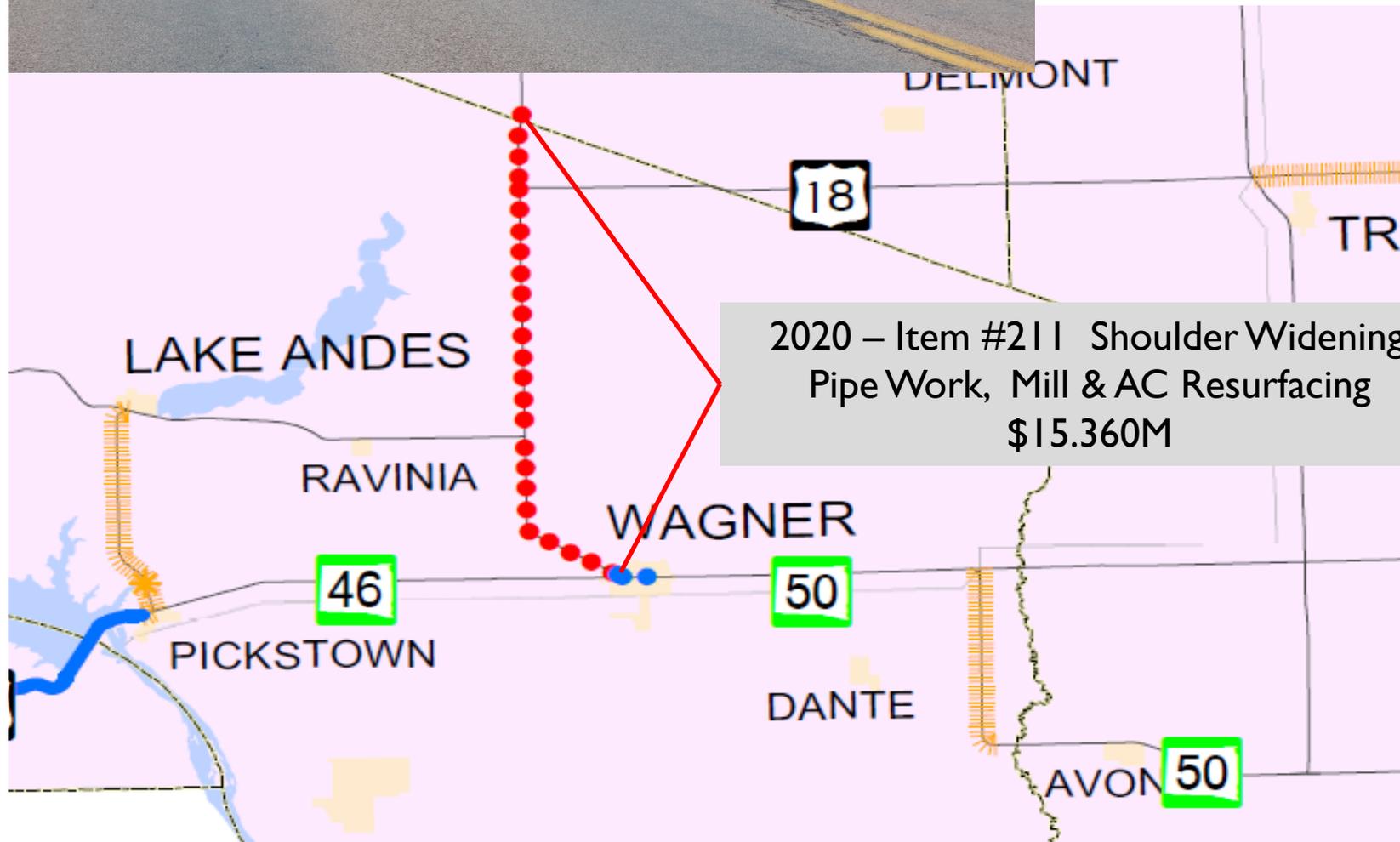


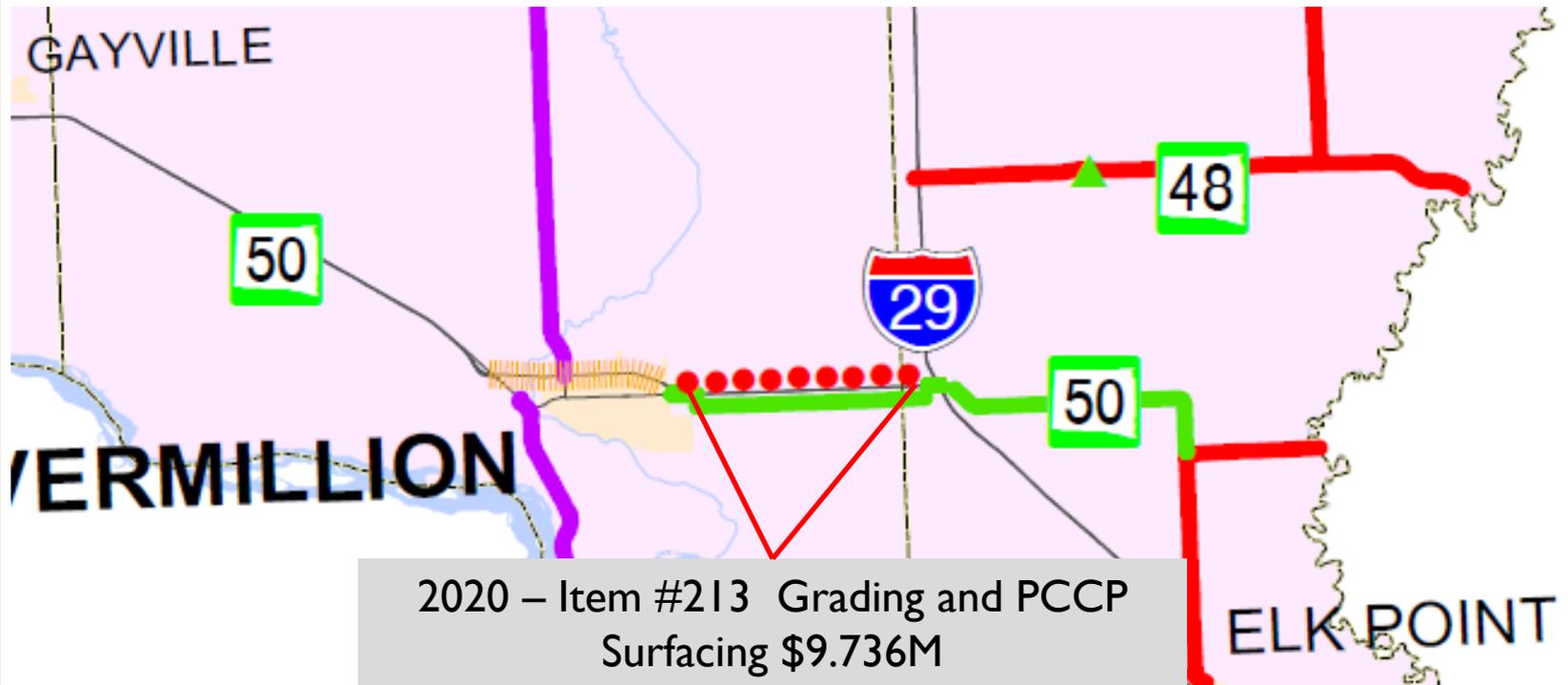
2020 Projects

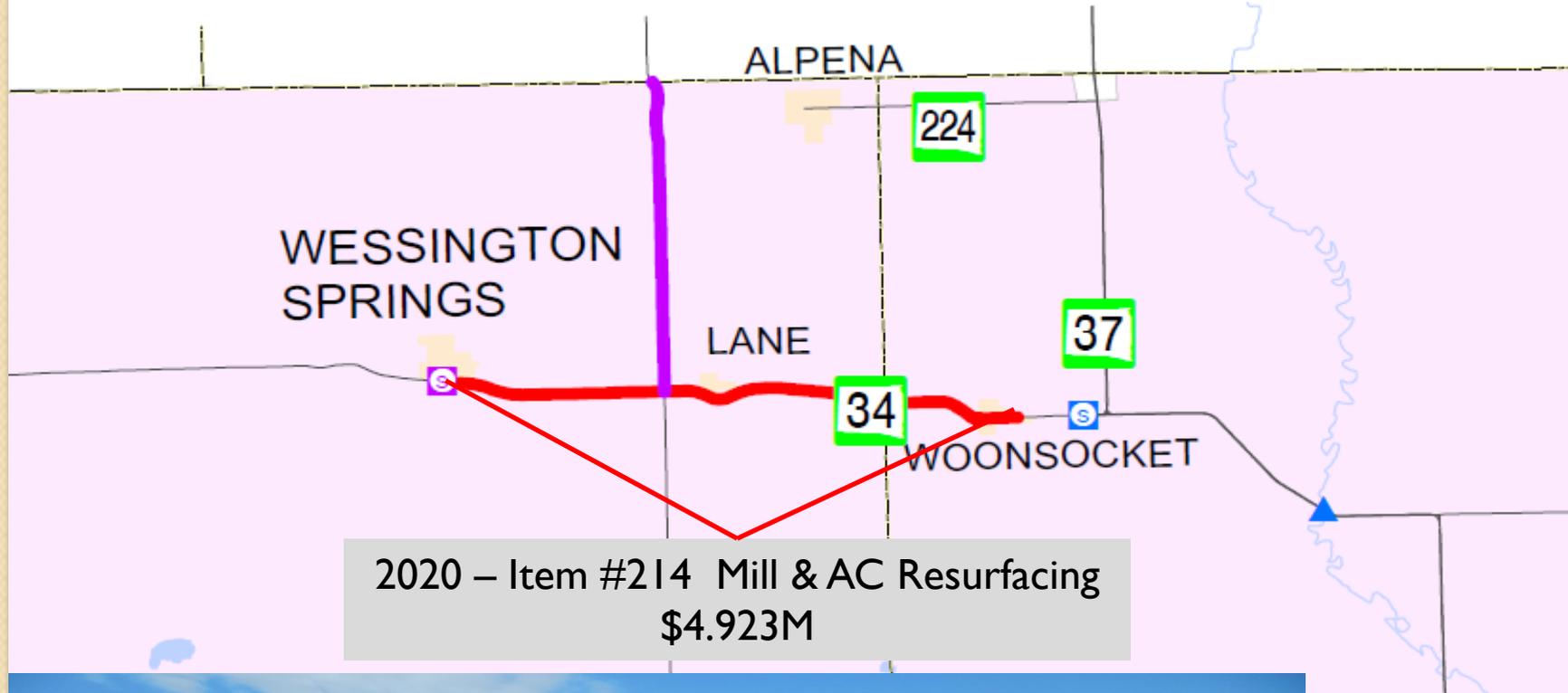




2020 – Item #210 Grading, Interim Surfacing & Replace Structures \$16.321M







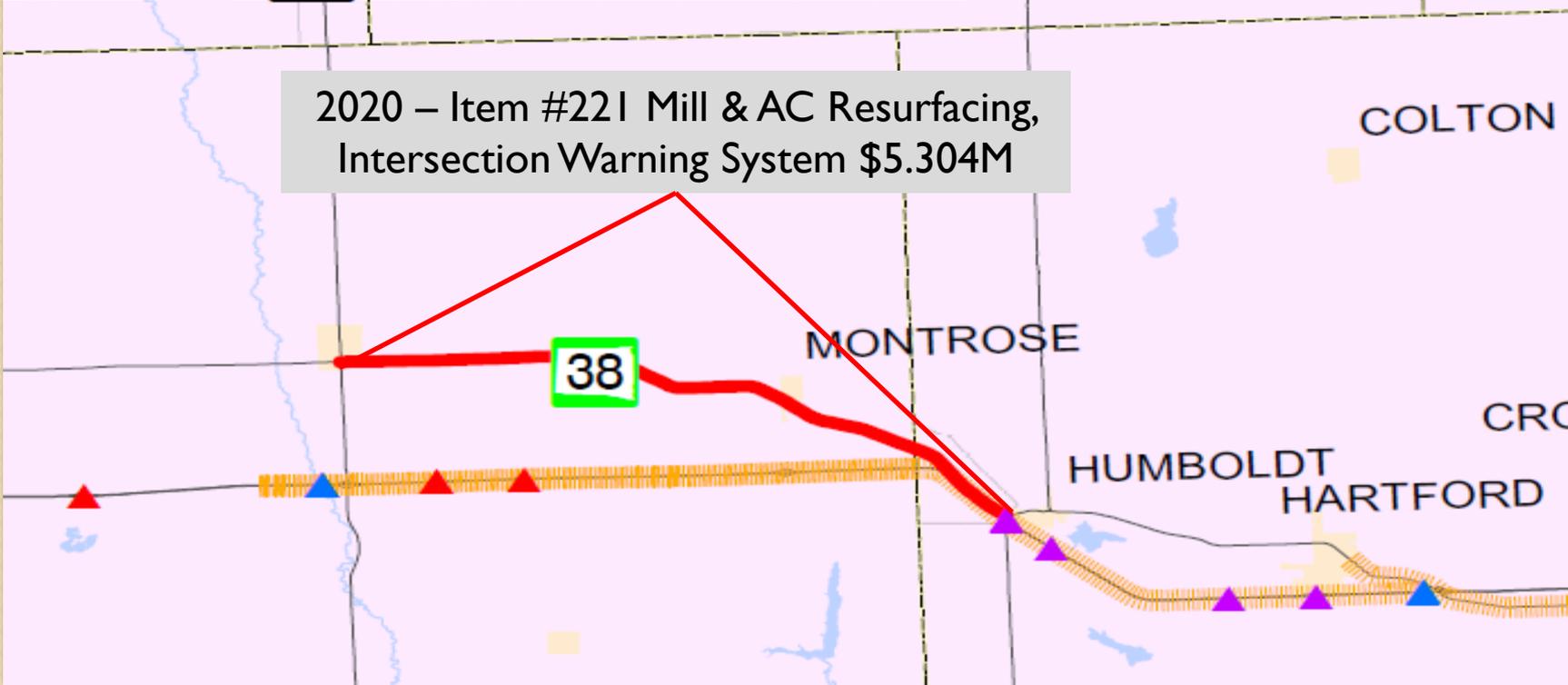
2020 – Item #220 Mill, Full Depth Reclamation, AC Surfacing & Pipe Work
\$9.289M





19

2020 – Item #221 Mill & AC Resurfacing,
Intersection Warning System \$5.304M





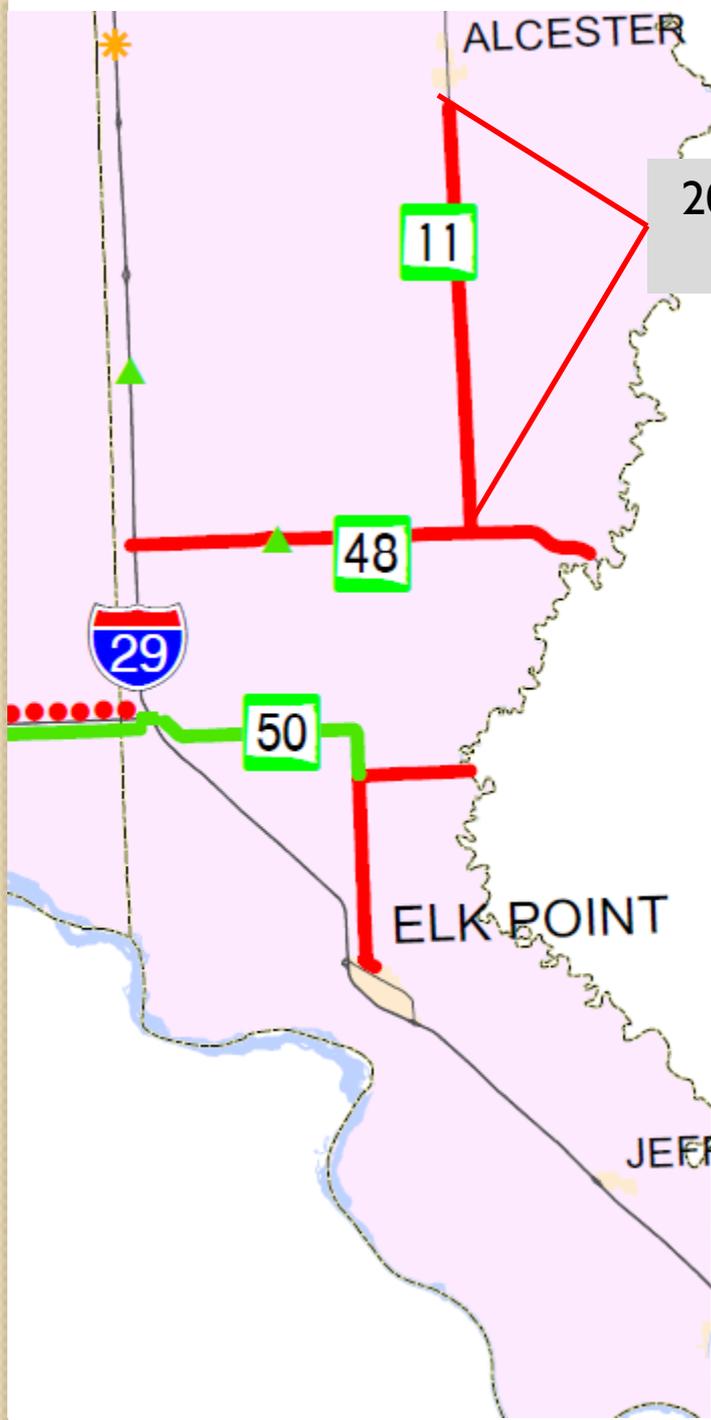
2020 – Item #226 Mill & AC Resurfacing
\$2.099M

N SIOUX CITY



2020 – Item #227 Mill, AC Resurfacing & Pipe Work, Berm Repair & Riprap
\$3.589M



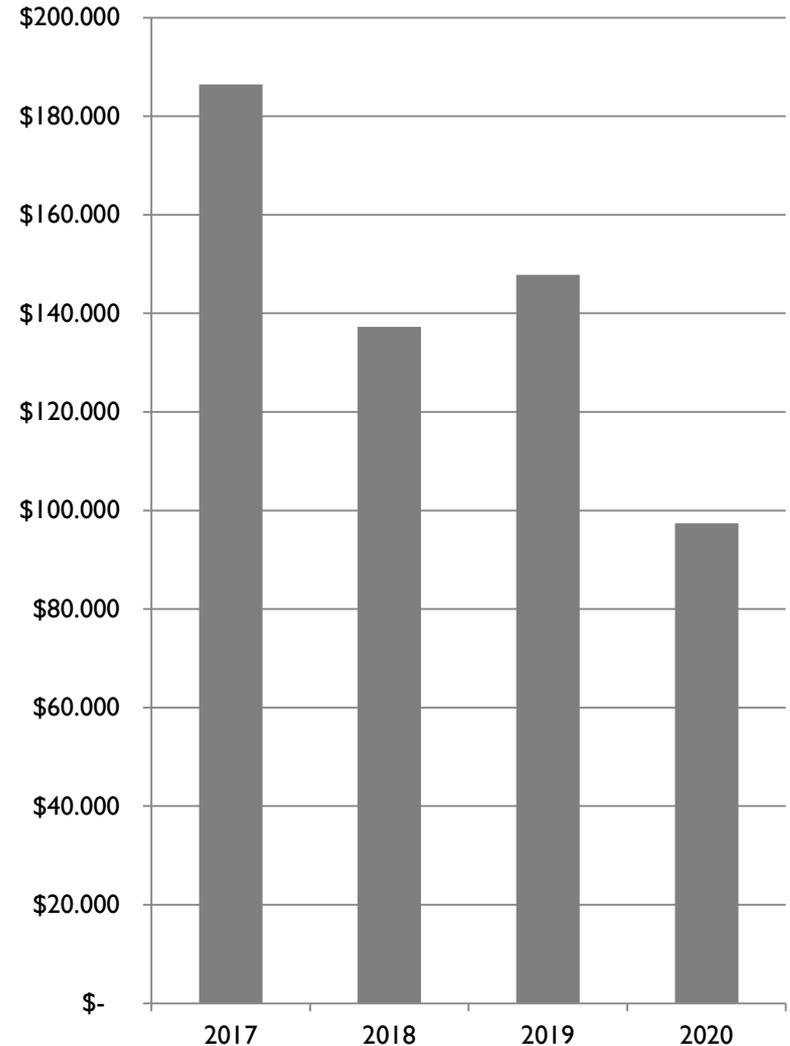


2020 – Item #228 Mill & AC Resurfacing
\$3.354M

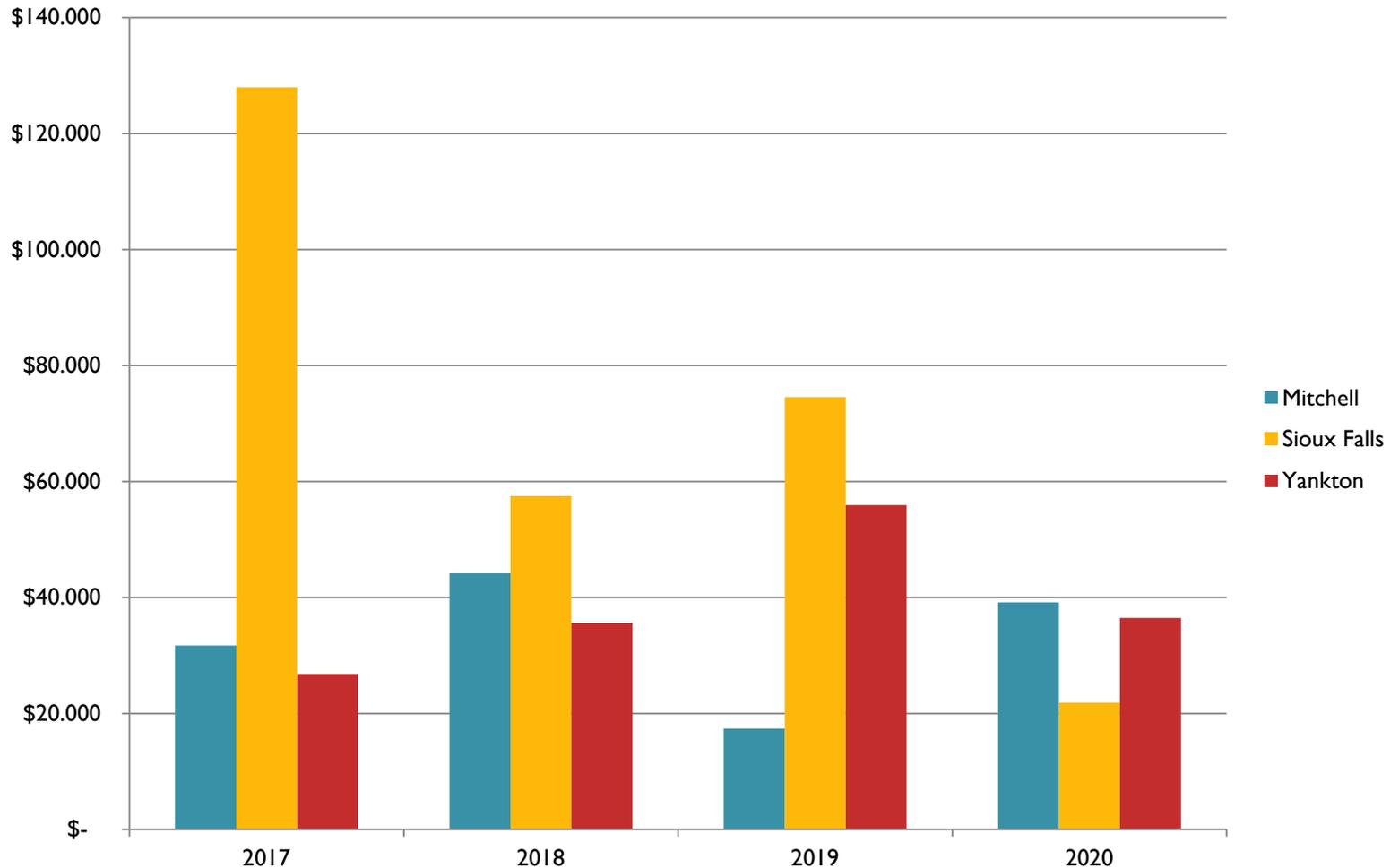


Mitchell Region Investment Totals

- 2017 \$186M
- 2018 \$137M
- 2019 \$148M
- 2020 \$97M
- Total \$568M



Totals Investment by Area Office



THANK YOU

**QUESTIONS CONCERNING THESE
PROJECTS WILL BE TAKEN AT THE
CONCLUSION OF THE
PRESENTATION**

Payload



Payload

- 2014 – \$29.9 Billion of Domestic Outbound shipments
 - \$16.3 Billion was trucked
- 2015 – 9.3 Billion Vehicle Miles traveled throughout the state
 - 6.3 Billion Vehicle Miles traveled on State Highways

Customer Satisfaction Survey

- Maintenance
 - Maintaining Surfaces
 - Winter Operations
 - Maintaining Bridges
- Design
 - Smoothness of rural 2 lane highways
 - Adequacy of shoulders - rural 2 lane highway
 - Condition of Bridges
 - Smoothness of interstate / 4 lane highways

Customer Satisfaction Survey

- Information

- Provide traveler information (511, Safe travel, camera images)
- Accurate Information
- Easy / accessible information



- Top 5 Priorities

- Repairing/maintaining existing highways
- Adding turning/passing lanes to highways
- Adding shoulders to highways
- Expanding transportation services for seniors
- Relieving traffic congestions in the cities

Delivering the Payload

FY 2017 Program by Facility

Excluding Planning Funds

