



**FY 2023 Highway-Railroad Crossing  
Surface Repair Program**  
September 14, 2021



# Program

- **Highway-Railroad crossing surface repair program incentivizes railroads and roadway authorities to participate in the cooperative repair of crossing surfaces.**
  - Project funding breakdown:
    - 60% State
    - 20% Roadway authority
    - 20% Railroad
  - Responsibilities:
    - Railroad: Replacement of rock (ballast), ties, track, underlayment, and crossing panels
    - Roadway Authority: Replacement of crossing approaches and existing sidewalks (ADA compliant), road closures and detours

# Project Evaluation Criteria

- **Projects are funded in the order the applications are received, except that up to 50% of the program allocation can be used in a discretionary manner.**
- **All 36 crossings currently in the program queue were scored according to the following criteria:**
  - Type of route the crossing is on, (crude oil, ethanol, passenger)
  - Average daily vehicle traffic / train traffic
  - Exposure index, (number of trains x number of cars)
  - Predicted Accidents, (train speed, roadway speed, number of traffic lanes, number of tracks)
  - Planned concurrent roadway projects
  - On-site inspection
  - Maximum score possible: 35 points
- **Final Projects**
  - The six highest scored crossings were brought forward to be funded in addition to those already scheduled to be funded for FY 2022 for a total of 13 projects.
  - Associated railroads and roadway authorities were contacted and confirmed they were able to participate with funding and repairs.



# Available Funding and Application Summary

- Crossing Surface Repair Program receives an annual statutory appropriation of \$900,000 (off-the-top of the Road Use Tax Fund)
- Program funding queue currently has 36 submitted applications.
- Number of projects:
  - 7 - in order received
  - 6 - with scoring
  - 13 - total
- Total program funding request: \$1,052,001
- In order received: \$570,727 / 54%
- Scored: \$481,274 / 46%

Annual appropriation	\$900,000
Four cancelled projects last year:	+ \$507,275
Available funding for FY 2023:	\$1,407,275

# List of Applications Recommended

PROJECT NAME	SPONSORS	SCORE	TOTAL PROJECT COST	REQUESTED AMOUNT (% of Total Project Cost)	RECOMMENDED AMOUNT (% of Total Project Cost)
5 <sup>th</sup> Avenue, 607878L	<ul style="list-style-type: none"> <li>IAIS Railroad</li> <li>City of Altoona</li> </ul>	N/A Order Received	\$127,701	\$76,621 (60%)	\$76,621 (60%)
9 <sup>th</sup> Ave./ 5 <sup>th</sup> Ave., 607880M	<ul style="list-style-type: none"> <li>IAIS Railroad</li> <li>City of Altoona</li> </ul>	N/A Order Received	\$136,562	\$81,937 (60%)	\$81,937 (60%)
Smith Street 607937L	<ul style="list-style-type: none"> <li>IANR Railroad</li> <li>City of Shellsburg</li> </ul>	N/A Order Received	\$57,600	\$34,560 (60%)	\$34,560 (60%)
9 <sup>th</sup> Street SW 840212W	<ul style="list-style-type: none"> <li>CRANDIC Railroad</li> <li>City of Cedar Rapids</li> </ul>	N/A Order Received	\$63,850	\$38,310 (60%)	\$38,310 (60%)

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305 <sup>th</sup> Street, 608544G	<ul style="list-style-type: none"> <li>DME Railroad</li> <li>Cerro Gordo County</li> </ul>	N/A Order Received	\$79,500	\$47,700 (60%)	\$47,700 (60%)
W. Cedar Street, 307576F	<ul style="list-style-type: none"> <li>CCP Railroad</li> <li>City of Cherokee</li> </ul>	N/A Order Received	\$142,000	\$85,200 (60%)	\$85,200 (60%)
9 <sup>th</sup> Street SW., 376726Y	<ul style="list-style-type: none"> <li>CRANDIC Railroad</li> <li>City of Cedar Rapids</li> </ul>	N/A Order Received	\$344,000	\$206,400 (60%)	\$206,400 (60%)

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86 <sup>th</sup> Street, 377207A	<ul style="list-style-type: none"> <li>IAIS Railroad</li> <li>City of Clive</li> </ul>	35	\$286,123	\$171,674 (60%)	\$171,674 (60%)
20 <sup>th</sup> Street NW, 067362Y	<ul style="list-style-type: none"> <li>BNSF Railroad</li> <li>City of Sioux Center</li> </ul>	28	\$138,000	\$82,800 (60%)	\$82,800 (60%)
4 <sup>th</sup> St. NW, 067359R	<ul style="list-style-type: none"> <li>BNSF Railroad</li> <li>City of Sioux Center</li> </ul>	27	\$113,000	\$67,800 (60%)	\$67,800 (60%)
3 <sup>rd</sup> St. NW 067358J	<ul style="list-style-type: none"> <li>BNSF Railroad</li> <li>City of Sioux Center</li> </ul>	26	\$117,000	\$70,200 (60%)	\$70,200 (60%)

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3 <sup>rd</sup> St. NW, 067358J	<ul style="list-style-type: none"> <li>Farmer's Co-op</li> <li>City of Sioux Center</li> </ul>	26	\$74,000	\$44,400 (60%)	\$44,400 (60%)
4 <sup>th</sup> St. NW, 067359R	<ul style="list-style-type: none"> <li>Farmer's Co-op</li> <li>City of Sioux Center</li> </ul>	25	\$74,000	\$44,400 (60%)	\$44,400 (60%)



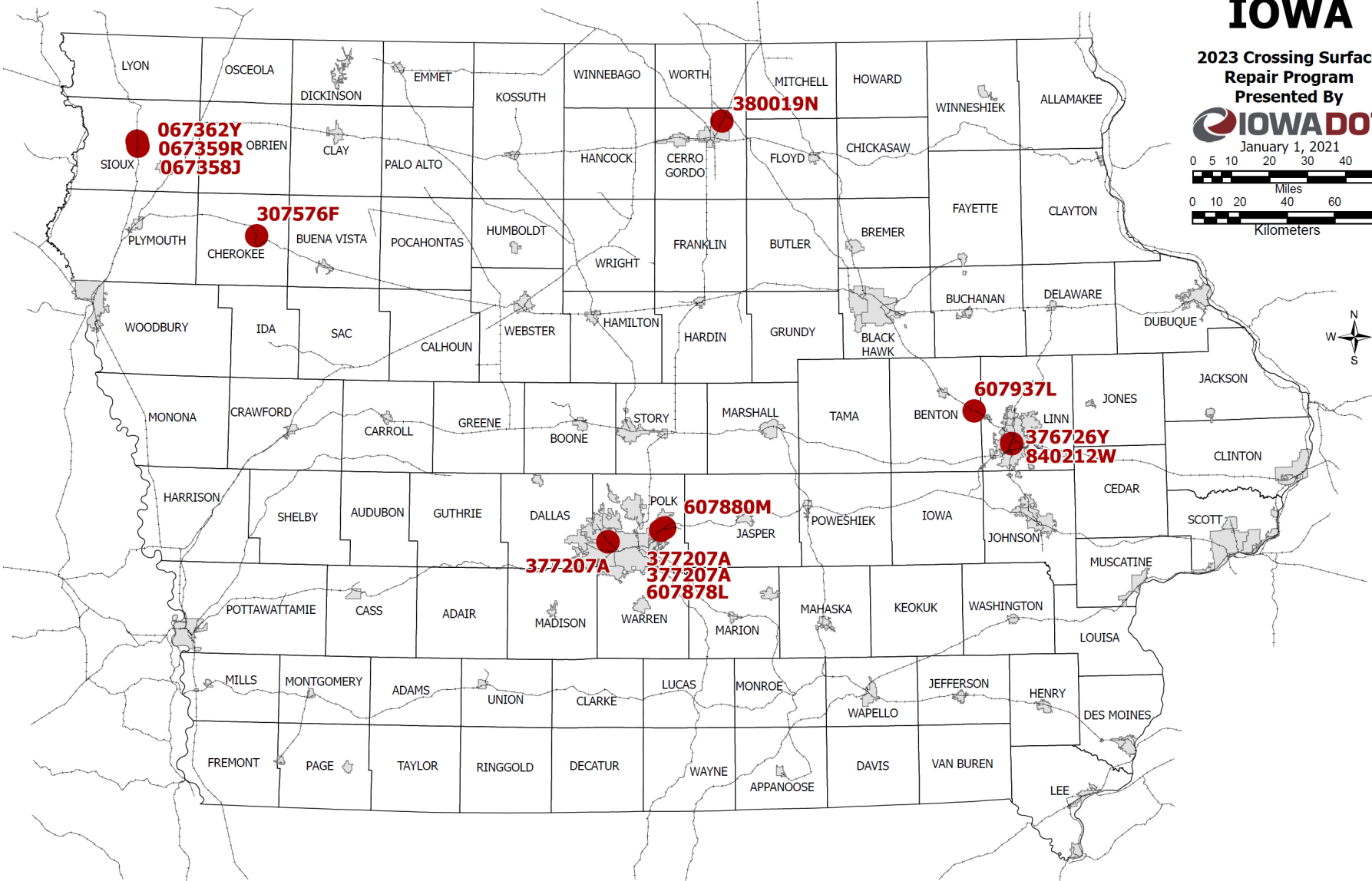
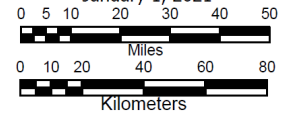
# Map of Recommended Awards

## IOWA

2023 Crossing Surface Repair Program Presented By



January 1, 2021





QUESTIONS?



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