



SDDOT RAILROAD PROJECTS

Data as of May 15, 2024

South Dakota Railroad Board

GRANTS UPDATE

Active Grants

- STC 2019 E&ERR Sioux Falls Area Bridges
- STC 2020 RCP&E Midland Rail Improvement Project
- STC 2020 R&WRR meet & pass siding
- RAISE 2021 RCP&E South Dakota Expansion Project
- STC 2021 R&WRR Efficiency and Growth Project
- STC 2021 RCP&E Increasing Rail Resiliency
- CRISI 2022 Sisseton Milbank Modernization

Active Grant Applications

- STC 2022 – 2023 Belle Fourche Economic Development Industrial & Rail Park Expansion
- STC 2022 – 2023 D&I Railroad Mainline Relay Project
- STC 2022 – 2023 DMVW Britton Line Rehabilitation
- STC 2022 – 2023 RCP&E Upper Black Hills Corridor Upgrade
- STC 2022 – 2023 R&WRR Grade Stabilization Project
- STC 2022 – 2023 SMRR Culvert Rehabilitation

ACTIVE GRANTS

FUNDING SOURCES	Local Match	Federal Grant	RR Trust Fund State Match	State General Funds State Match	Total
2019 STC - E&E - S.F. Area Bridges (3 bridges)	\$ 979,960.00	\$ 3,919,840.00			\$ 4,899,800.00
2020 STC - MRC - Meet & Pass Siding	\$ 300,000.00	\$ 2,357,352.00	\$ 640,000.00		\$ 3,297,352.00
2020 STC - RCP&E - Midland Improvement	\$ 560,000.00	\$ 2,240,000.00			\$ 2,800,000.00
2021 RAISE - RCP&E 87.7 miles	\$ 42,000,000.00	\$ 22,000,000.00		\$ 20,000,000.00	\$ 84,000,000.00
2021 STC - Ringneck & Western Efficiency and Growth	\$ 1,199,339.00	\$ 1,799,009.00			\$ 2,998,348.00
2021 STC - RCP&E Increasing Rail Resilience	\$ 200,000.00	\$ 800,000.00			\$ 1,000,000.00
2022 CRISI - Sisseton Milbank Modernization	\$50,000.00	\$ 24,711,728.00		\$ 6,250,000.00	\$ 31,011,728.00
Totals	\$ 45,289,299.00	\$ 57,827,929.00	\$ 640,000.00	\$ 26,250,000.00	\$ 130,007,228.00

2022-2023 STC APPLICATIONS

FUNDING SOURCES	Local Match	Federal Grant	RR Trust Fund State Match	In Kind	Total
2022 RCP&E Upper Black Hills Corridor Upgrade	\$ 6,026,712.00	\$ 14,062,328.00			\$ 20,089,040.00
2022 STC Ringneck and Western Grade Stabilization	\$ 2,077,733.00	\$ 8,310,932.00			\$ 10,388,665.00
2022 STC D&J Railroad Mainline Replacement	\$ 2,489,311.40	\$ 4,424,492.00			\$ 6,913,803.40
2022 STC Sisseton Milbank Railroad Rail Relay	\$ 421,760.00	\$ 9,957,245.60			\$ 10,379,005.60
2022 STC Belle Fourche Economic Development Rail Park	\$ 240,860.00	\$ 963,440.00			\$ 1,204,300.00
2022 STC DMVW Rail Improvement	\$ 1,760,036.08	\$ 17,600,360.80	\$ 2,640,054.12		\$ 22,000,451.00
Totals	\$ 13,016,412.48	\$ 55,318,798.40	\$ 2,640,054.12	\$ -	\$ 70,975,265.00

STC 2019 ELLIS AND EASTERN SIOUX FALLS AREA BRIDGES PROJECT UPDATE

FEDERAL	\$3,919,840
MATCH	\$ 979,960
TOTAL FUNDING	\$4,899,800
TOTAL COST	\$3,921,437

Challenges and successes

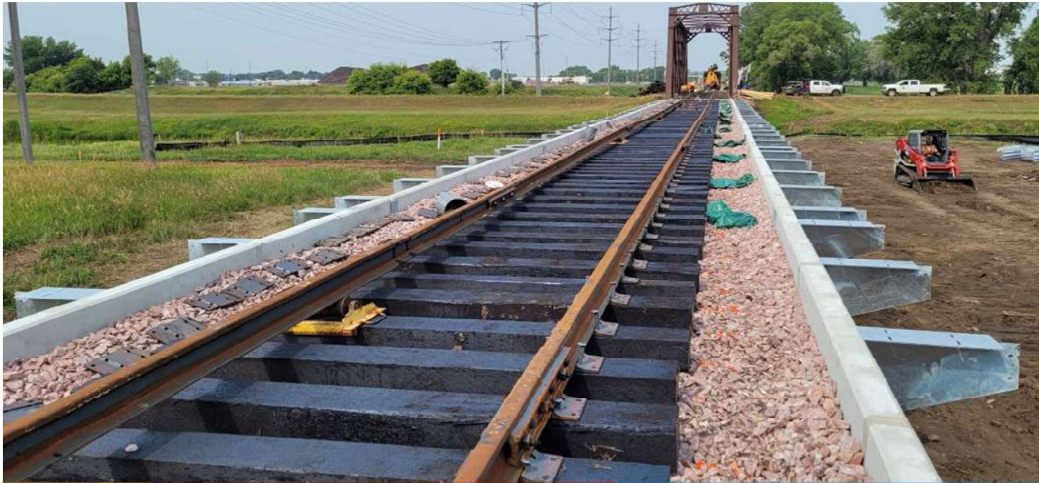
- The NEPA process was delayed due to the sequence of processing with FRA, SHPO and Corps of engineers.
- SHPO determined two of the three bridges are historical, requiring a memorandum of agreement (MOA). The MOA includes research of historical archives and special documentation including specific photos before the bridges are worked on or altered.
- Project was completed in December 2023 and currently in close out phase.
- Total project cost was \$3,921,437 (federal \$3,137,890 and match \$784,347.35)



BRIDGES P125 and P131



CONSTRUCTION OF P131



STC 2020 RCPE MIDLAND RAIL IMPROVEMENT PROJECT UPDATE

FEDERAL	\$2,240,000
MATCH	\$ 560,000
TOTAL FUNDING	\$2,800,000
TOTAL COST	\$3,203,490

Challenges and successes

- Project was completed in December 2023.
- Project costs were higher than original estimates.
- RCP&E and their consultant had issues with contract terms that had to be resolved prior to starting closeout phase.
- Total project cost was \$3,203,409 (federal \$2,240,000 and match \$963,490).

PROJECT LOCATION



STC 2020 RWRR MEET AND PASS SIDING PROJECT UPDATE

FEDERAL	\$ 2,352,357
MATCH	\$ 300,000
STATE	\$ 640,000
TOTAL FUNDING	\$ 3,297,352

Challenges and successes

- The project was re-designed to fit within the existing ROW, eliminating need to purchase extra ROW.
- Complete environmental processes are required due to construction on undisturbed ground even though it is next to the existing mainline.
- The original estimate was low plus inflation added to the cost. Extra federal funding was approved, keeping under 80%.
- P.E. and NEPA were submitted to FRA for approval March 11.

LOCATION TWO MILES EAST OF KIMBALL, SD



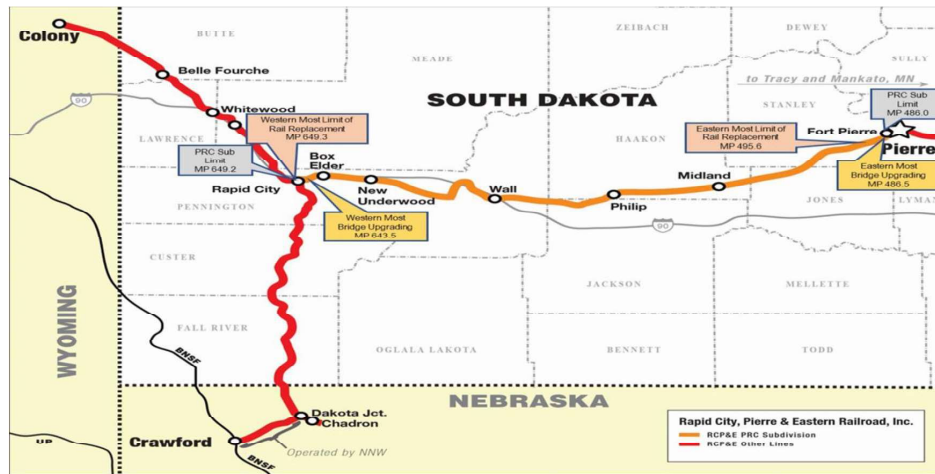
RAISE 2021 RCPE SOUTH DAKOTA EXPANSION PROJECT UPDATE

RAISE 2021	\$ 22,000,000
MATCH	\$42,000,000
STATE	\$20,000,000
TOTAL FUNDING	\$84,000,000

Challenges and successes

- Project scope includes 87 miles of new CWR installment, 121 bridges, 11 turnouts, 122 crossings, and 4 new hot wheel detectors all in 165 track miles.
- Project was awarded November 2021 and must have a funding contract signed by September 2024.
- PE and NEPA were submitted to FRA for approval on September 12, 2023.

LOCATION FT. PIERRE TO RAPID CITY



STC 2021 RWRR EFFICIENCY AND GROWTH PROJECT UPDATE

STC 2021	\$1,799,009
MATCH	\$1,199,339
TOTAL FUNDING	\$2,998,348

Challenges and successes

- The existing building for the mechanic pit was destroyed by a storm in May 2022.
- A new building will need to be built.
- PE and NEPA were submitted to FRA for approval November 21, 2023.

STC 2021 RCPE INCREASING RAIL RESILIENCY PROJECT UPDATE

FEDERAL	\$ 800,000
MATCH	\$ 200,000
TOTAL FUNDING	\$1,000,000

Challenges and Successes

- Projects in waterways tend to require in depth environmental research and Hydrologic and Hydraulic (H&H) Study.
- Extensive hydraulic, environmental and archeological requirements might overburden the budget.
- A request from RCP&E to reduce the project scope will be submitted to SD Railroad Board for approval at a future meeting.



THANK YOU

SDDOT Staff

- Jack Dokken, Program Manager
- Perry Griffith, Transportation Specialist
- Misty Siedschlaw, Transportation Specialist

