



Division of Finance & Management

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TO: South Dakota Railroad Board

FROM: Jack Dokken, Office of Air, Rail and Transit

DATE: February 15, 2023

SUBJECT: 2023 Railroad Maintenance Plans

Every year the state requests annual maintenance plans from the rail companies who operate on state-owned lines. These plans include projects and work the operators intend to complete during the next calendar year that will preserve the railroad in conformance with the lease and sublease agreements. Estimated value of the proposed work must also be included. These maintenance plans will be used as a reference for the Railroad Board observation tours.

Attached are the 2023 maintenance plans submitted by each railroad operator for the Railroad Board's review and consideration of acceptance.



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BISMARCK, ND 58501

South Dakota 2023 Maintenance Plan

Ballast and Surfacing

- Spot dump roughly 2500 ton of ballast (this will be added or subtracted from depending on track surface issues)
- Estimated cost of ballast at \$57,500
- Spot tamp and regulate

Maintenance Ties

- Install between 200 to 400 new ties behind surfacing crew
- Estimated cost between \$12,400 to \$24,800
- Spot replace switch ties

Yearly Bridge Inspections

- Inspect bridges between Geneseo Jct and Aberdeen
- Estimated cost for inspections \$6500
- Will be spot replacing defective bridge deck ties on various bridges
- Note: Will be replacing new head wall on bridge at MP 67.1 this November 2022

Weed Control

- Spray from Geneseo Jct to Aberdeen two applications
- Estimated cost for both applications \$35,000
- If weeds do not get a good kill from chemical we will run brush cutter to keep them under control

Normal Maintenance

- Yearly foot inspections along with weekly and monthly track patrols and yard walks
- Checking on culvert conditions and drainage replacing if need be



Dakota Southern Railway – DSRC – NAPA Junction

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NAPA Line Maintenance Plan 2023

The maintenance plan for the Napa line this year will be restricted due to the line being full of storage cars from 2 miles west of Napa Junction to Tabor. The crossings at Tabor have been repaired and opened but with so many cars in storage we are unable to move west of Tabor due to lack of power to move 6 miles of cars. That makes that section of track unusable. Most of our focus will be on usable track this year other than weed control and drainage which will be as described below.

1. Spraying weeds from Napa Junction to the 2-mile marker or beginning of cars by rail, we will spot spray with 4 wheelers along cars for obnoxious weeds. We will also spray west of Tabor by rail to the 20.9-mile marker which is east Tyndall. This cost will run between \$15,000.00 and \$25,000.00. With larger amounts of rain this year it could increase these costs.
2. Replace 1000 ties in spots needed to maintain safe operation of the line to required classification. The cost in our estimation is \$62.00 per tie installed. This may also require additional tamping of track in these areas.
3. Check all drainage to make sure clear of debris to insure proper drainage. \$ 8,000.00
4. The expected cost of these maintenance items will be \$80,000.00 to \$90,000.00 this year.

We will have other unforeseen repairs as we move forward with these projects.



ANNUAL MAINTENANCE PLAN Wolsey Interchange

January 4, 2023

Below is the maintenance plan for the Wolsey Interchange:

Vegetation Control:

- Fall pre-emergent application will be applied by Asplundh for weed control. A spring application will be applied if need be.

Rail testing: \$3600

- One Rail test will be performed per G&W policy performed by Sperry rail service to detect any rail failures with remediation completed by RCPE railroad forces.

Maintenance Practices: \$4000

- Track inspections will be made per FRA TSS Part 213 to comply with federal regulations.
- Walking joint bar inspection will be performed and maintained.
- All track will be maintained at Class 1 standard.



ANNUAL MAINTENANCE PLAN
YALE SUBDIVISION
MP 160.3 – MP 145.0

January 4, 2023

Below is the maintenance plan for the Yale subdivision:

Vegetation Control:

- Fall pre-emergent application will be applied by Asplundh for weed control. A spring application will be applied if need be.

Geometry testing: \$5600

- One Geometry test will be performed per G&W policy with remediation completed by RCPE railroad forces.

Rail testing: \$3600

- One Rail test will be performed per G&W policy performed by Sperry rail service to detect any rail failures with remediation completed by RCPE railroad forces.

Maintenance Practices: \$4000

- Track inspections will be made per FRA TSS Part 213 to comply with federal regulations.
- Walking joint bar inspection will be performed and maintained.
- All track will be maintained at Class 1 standard.