

Shell Stewardship
Item #2

FR3402 (Cedar Point Rd NE) & FR2201 (Skimmerhorn Rd) Surfacing

Item	Description	Unit	Qty		
01	FR3402 – Cedar Point Rd Surfacing (FR3402, FR3402A)	LS	1		
02	FR2201 – Skimmerhorn Rd Surfacing	LS	1		

**FR3402 CEDAR POINT RD
& FR2201 SKIMMERHORN RD RESURFACING**

Statement of Work

The Contractor shall provide any and all equipment, labor, materials, tools, supervision, equipment including safety and other incidentals necessary to perform all work activities located in the designated areas of the Chippewa National Forest, in accordance with the specifications, exhibits and clauses contained or referenced herein.

Work Description

Work under this contract will involve the following activities:

Aggregate Resurfacing – Provide, haul and spread MnDOT Class V aggregate full width and along the road surface of FR3402 (Cedar Point Rd and FR3402A Boat Access Area) and 0.8 Miles of FR2201 (Skimmerhorn Rd). This material shall be provided by Contractor from a commercial source.

Work Completion Date: October 31st 2018

Project Location

- A. *Forest Road 3402 (Cedar Point Rd):* From Blackduck, south on Scenic Hwy NE (CSAH 39) travel 5.75 mi arriving at FR3402 (Cedar Point Rd NE) where the resurfacing project begins. Resurfacing continues to, and includes, the Boat Access area. Project location and detail drawings are attached.
- B. *Forest Road 2201 (Skimmerhorn RD):* From Blackduck, take Alvwood Rd NE to 8 Mile Rd in Moose Park TWP, then follow 8 Mile Rd South to Skimmerhorn Rd. Resurfacing area is located from FR3409 east for 0.8 miles to the intersection of FR2201 (Skimmerhorn Rd) and 8 Mile Rd. Project location and detail drawings are attached.

Superintendence by the Contractor

- A. At all times during the performance of the contract, and until the work is complete and accepted, the Contractor shall directly supervise the work, or assign and have at the work site a competent superintendent who is satisfactory to the Contracting Officer (CO) and has authority to act for the Contractor. The superintendent shall be designated in writing to the CO prior to the contract start date.
- B. Responsibilities of the site superintendent include, but are not limited to: construction, day-to-day coordination of activities, control over employees/subcontractors and coordination with Contracting Officers Representative (COR) and Inspectors. The superintendent shall be available in person, by telephone, or radio to respond to any and all problems during normal working hours.

Equipment Requirements and Transportation

- A. The Contractor's proposed equipment shall be made available for inspection prior to award of the contract. If at any time during the course of this contract the equipment is deemed unsatisfactory, the CO may order removal and may require a satisfactory replacement, at Contractor's expense. Replacement equipment, if ordered, is to be onsite and working within 48 hours.

- B. Any movement or transportation of equipment to or from work areas, required to repair or replace equipment, or for the Contractor's convenience, shall be at the Contractor's expense.
- C. A bulldozer, motor patrol or other equipment shall be used to remove ruts, re-establish ditches, eliminate potholes and other depressions and create an overall smooth surface, sloped for drainage. This may be done using any type of approved equipment.
- D. The Contractor's equipment shall be equipped with the following items throughout the performance of this contract:
 - Fire extinguisher (minimum type B-C)
 - A reflectorized slow moving emblem mounted on rear
 - A minimum of 4 flashing amber lights, (2 forward & 2 rear), or a single light on top of the cab, visible from all directions.
 - A Rollover Protective Structure (ROPS)
 - Exhaust stacks with spark arrestors
 - Self-propelled, engine driven, pneumatic tire, one person controlled.

156 Public Safety and Traffic Control

- A. The Contractor shall exercise caution and care while pursuing the work to prevent unnecessary conflict with, or potential hazards to, road users or others within the work area.
- B. The Contractor is to pursue all work on site in accordance with all Federal, State, and Local laws governing the transportation and the type of work being performed.
- C. The Contractor shall post warning signs at the beginning of the project, the end of the project, and at all intersections. Signs are to be of the size, quantity, and colors as required in the current edition of the "Manual on Uniform Traffic Control Devices" (MUTCD). These signs shall be moved as needed to properly delineate and identify the section of the road being maintained. These signs shall be in place only when road equipment or persons are performing operations. All slow moving equipment is to have a reflectorized "Slow Moving Vehicle" emblem properly attached.
- D. The contractor may delay traffic for up to 30 minutes. Contractor shall notify the COR or Inspector immediately for any closure exceeding 30 minutes. If any delay exceeds this time, signs must be posted on each end of the project indicating "ROAD CLOSED".
- E. Contractor is responsible for contacting Gopher State-One Call prior to performing any excavation.
- F. Design and locate equipment repair stops, stationary refueling sites, or other facilities to minimize the potential and impacts of hazardous material spills on Government land.
- G. The Contractor is solely responsible for all spills or leaks that occur during the performance of this contract. Clean up spills or leaks to the satisfaction of the COR and in a manner that complies with Federal, state, and local laws and regulations.

Performance Standards

- A. **ALL WORK IS TO BE COMPLETED BY OCTOBER 31ST 2018.** This work consists of providing, hauling, placing and compacting crushed aggregate (MnDOT Class V) on FR3402 (Cedar Point Rd and FR3402A Boat Access Area), and 0.8 miles of FR2201 (Skimmerhorn Rd).
- B. Prepare the surface on which the aggregate course is placed according to section 303 in FP-14.
- C. Class V gravel shall be placed at 4" minimum thickness prior to compaction.

Estimated Loose Volume Quantities:

- a. FR3402 Cedar Point Rd (and FR3402A) – 1,500 CY MnDOT Class V
 - b. FR2201 Skimmerhorn Rd – 800 CY MnDOT Class V
- D. Compaction of Class V surfacing shall be achieved by 3 passes of a smooth drum vibratory roller of 2400 lb or greater weight, or by loaded rubber tired construction equipment until visible signs of deformation cease.
 - E. Material shall meet the specifications for MnDOT Class V material as shown in Table 1 below. One gradation per source shall be performed and the results provided to the government.

MnDOT Class V Aggregate	
Sieve Size	Total % Passing
1" (25.0 mm)	100
3/4" (19 mm)	90-100
3/8" (9.5 mm)	50-90
#4 (4.75mm)	35-80
#10 (2.0 mm)	20-65
#40 (425 µm)	10-35
#200 (75 µm)	3-10

Table 1

Noxious Weed Control

- A. In order to prevent the potential spread of noxious weeds into work areas, Contractor shall be required to use weed-free equipment.
- B. The following is considered proof of weed-free equipment:
 - i. The Contractor will be required to clean all construction equipment prior to entry on to the work area. This cleaning shall remove all dirt and plant parts and material that could carry noxious weed seeds into the work area. Forest Service will inspect all cleaned construction equipment prior to allowing equipment to operate within the work area. All subsequent move-ins of construction equipment shall be treated in the same manner as initial move-in. "Construction equipment" does not include pickup trucks and personal vehicles.

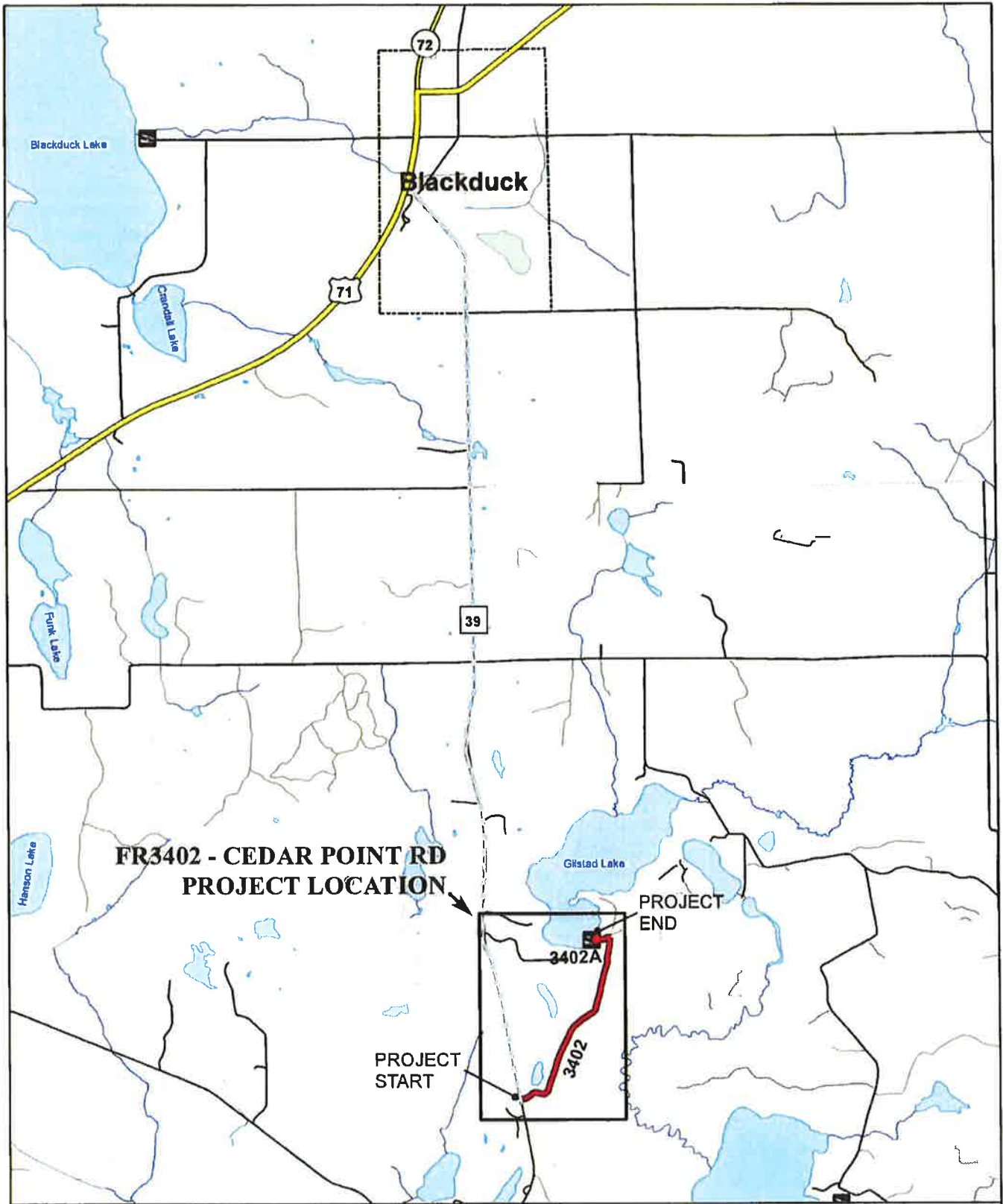
- C. Prior to the initial move-in, and all subsequent move-ins, the Contractor shall make all construction equipment available for inspection by the Forest Service at an agreed upon location. The Contractor shall give the Forest Service at least 24 hours advance notification when equipment is ready for inspection.

Inspection

- A. Prior to the Forest Service accepting work, a Forest Service representative will inspect the resurfacing projects for proper volume. Volume is calculated by measuring the in place width, and in place compacted thickness at 6 random locations along each project centerline and using the resulting average width and thickness at those locations as part of a length x width x thickness calculation. The roadway will also be inspected for appropriate shape: a slight crown along the roadway or outsloping where needed. Recommendation for approval will only be given in the event that the work meets specifications.

Measurement

- A. Measurement shall be by lump sum (LS) for each resurfacing area.
 - 1. FR3402 (Cedar Point Rd)
 - 2. FR2201 (Skimmerhorn Rd)



**FR3402 - CEDAR POINT RD
PROJECT LOCATION**

PROJECT
START

PROJECT
END

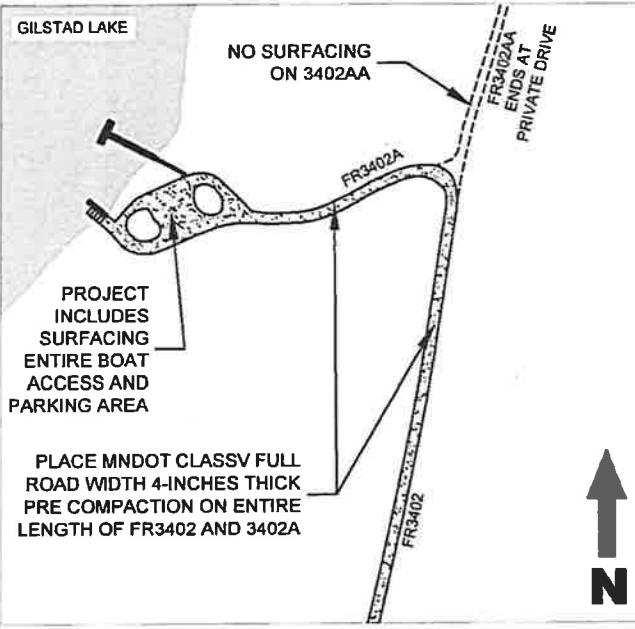
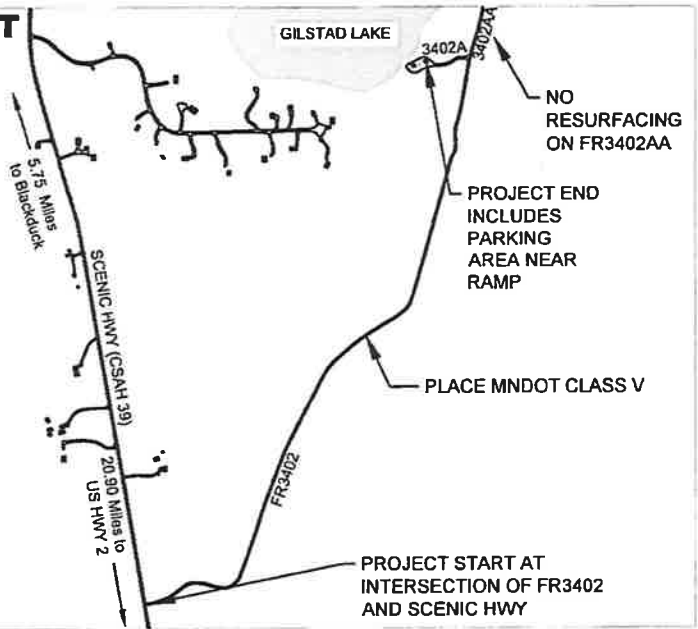
FR3402 CEDAR POINT RD PROJECT LOCATION

FROM BLACKDUCK, TAKE SCENIC HWY (39) SOUTH. TRAVEL 5.75 MILES AND ARRIVE AT THE INTERSECTION OF SCENIC HWY (39) AND FR3402 CEDAR POINT RD WHERE RESURFACING PROJECT BEGINS

0 0.5 1 Miles



PROJECT AREA



FR3402 CEDAR POINT RD RESURFACING

DRAWING TITLE
PROJECT AREA & PROJECT DETAIL

DATE
01/23/2018

ARCHIVE NO.

DESIGNER DWG SHEET NO.

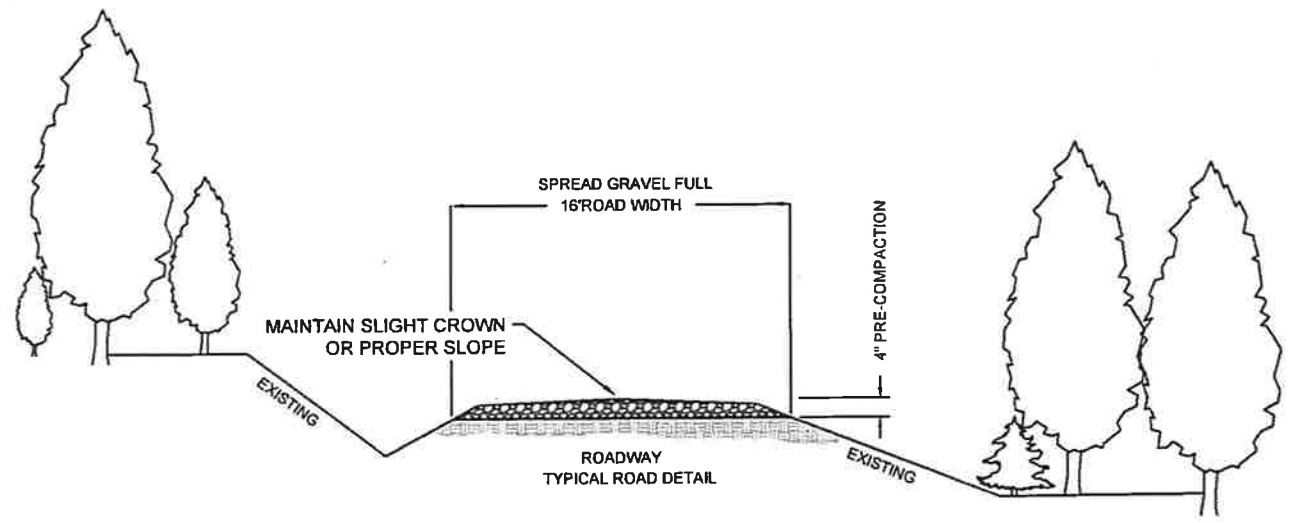
DRAWN
TCM

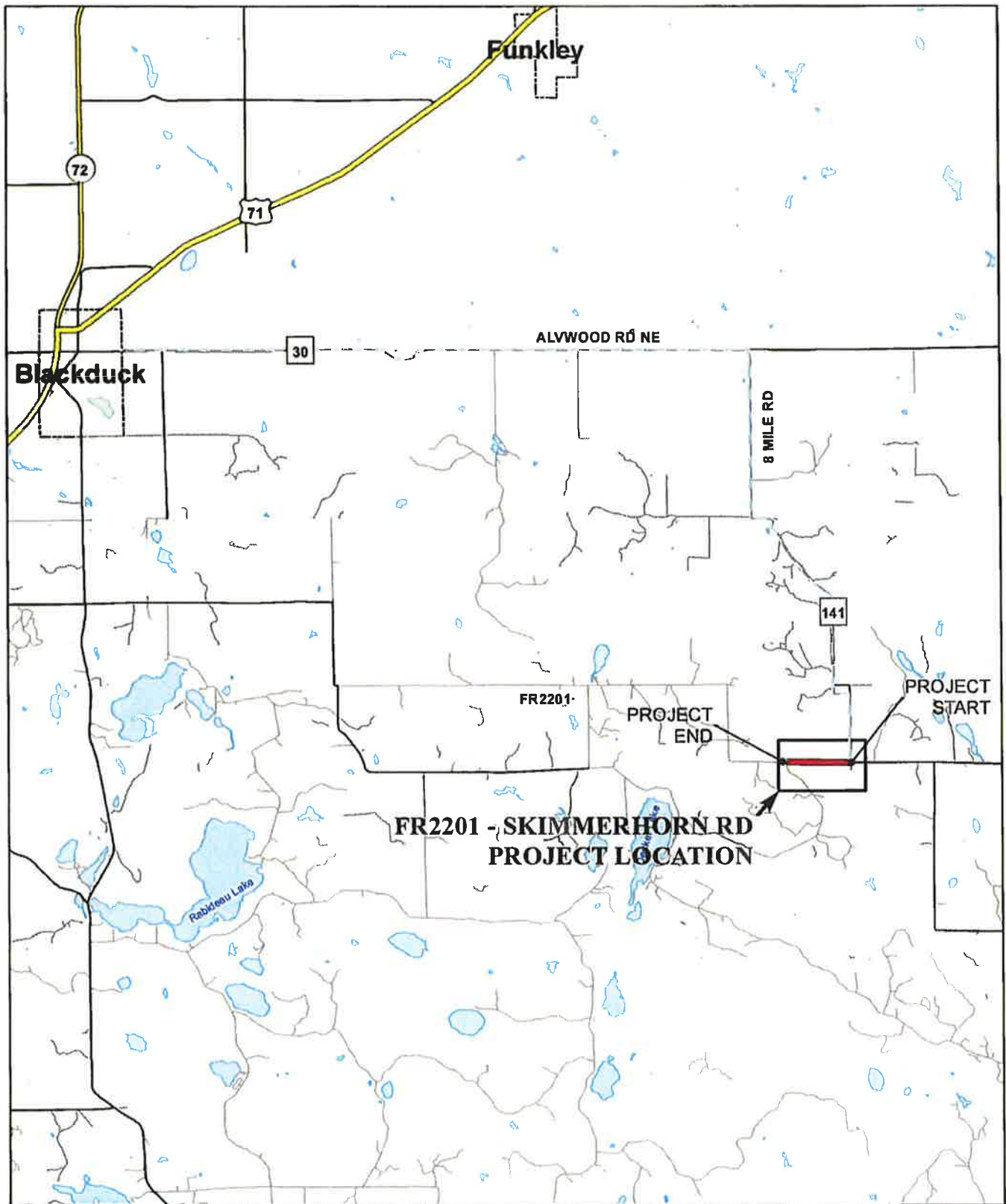
CHECKED

PROJECT NO. SHEET 2 OF 2

ESTIMATED QTYS
MN DOT CLASS 5 - 1,500 CY

PROJECT DETAIL





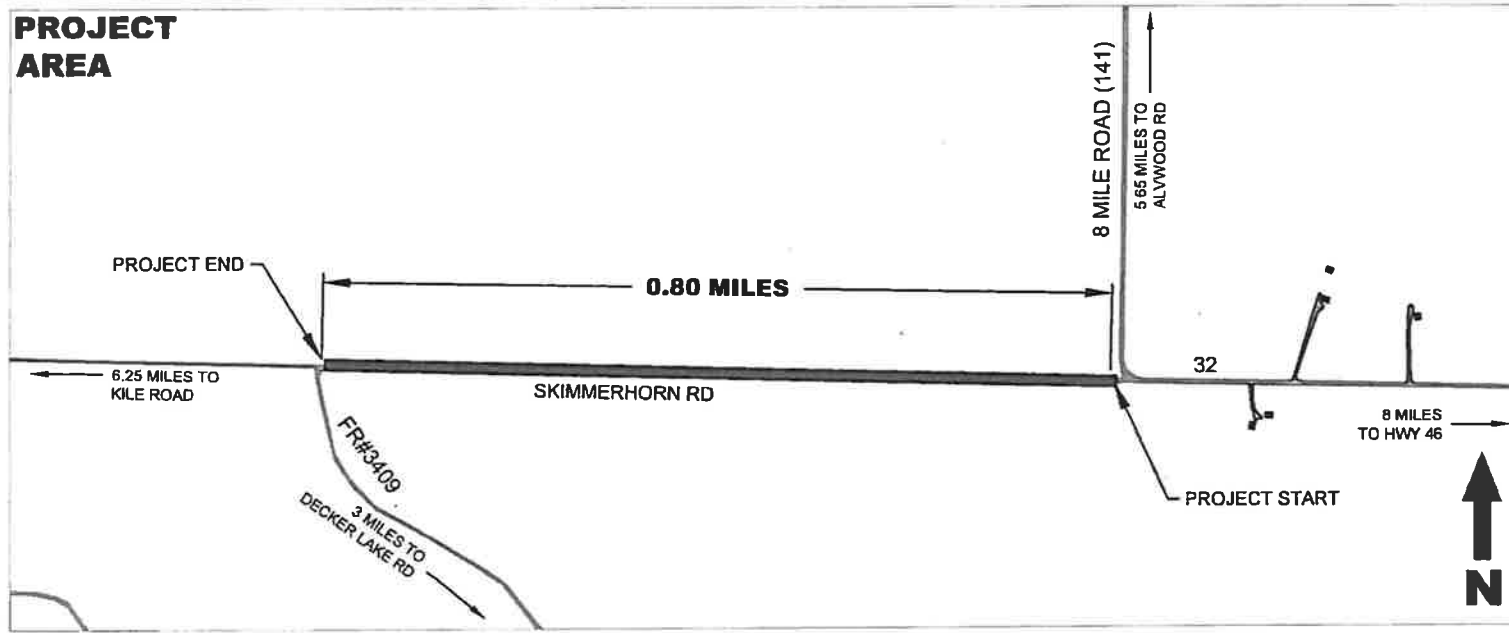
FR2201 SKIMMERHORN RD PROJECT LOCATION

FROM BLACKDUCK, TAKE ALWOOD RD NE TO 8 MILE RD (CR141),
 THEN FOLLOW 8 MILE RD (CR141) SOUTH TO SKIMMERHORN RD.

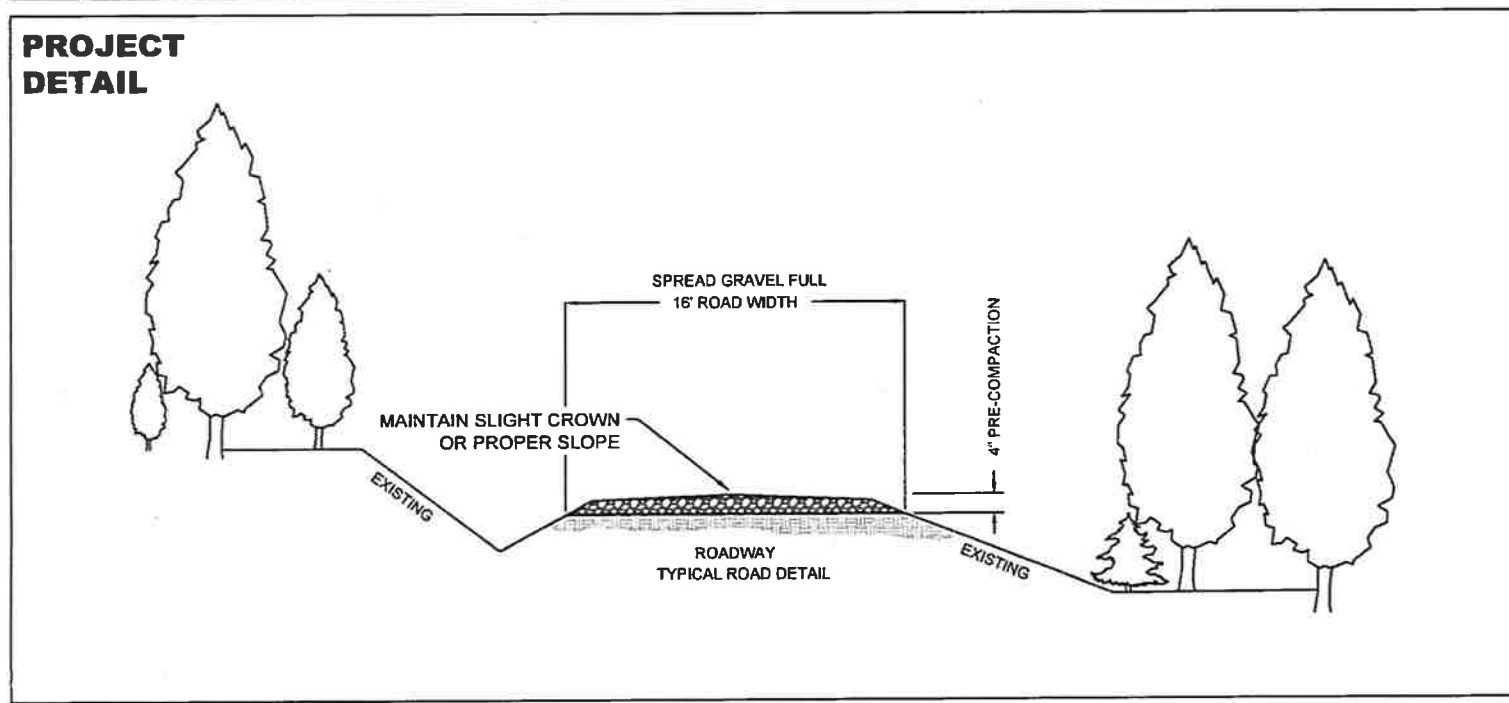
0 1 2 4 Miles



PROJECT AREA



PROJECT DETAIL



PROJECT NAME
FR2201 SKIMMERHORN
RD RESURFACING

DRAWING TITLE
PROJECT AREA &
PROJECT DETAIL

DATE
01/23/2018

ARCHIVE NO.

DESIGNER

DWG SHEET NO.

DRAWN
TCM

CHECKED

PROJECT NO.

SHEET 2 OF 2

ESTIMATED QTYS

CLASS 5: 800 CY