

**2020 State Park Road Account  
Funding Proposal**

**for**

**Hugo Road  
(Ramsey County Road 154)**

**Minnesota Department of Natural Resources Bald Eagle Lake Water  
Access**

**Located in Bald Eagle-Otter Lakes Regional Park**

**Submitted By:  
Ramsey County Public Works Department  
October 30, 2020**



**RAMSEY COUNTY**

**1. Brief Project Description:**

Hugo Road (Ramsey County Road 154) provides the only roadway access to the existing Minnesota Department of Natural Resources public water access on Bald Eagle Lake. This public water access is located within the Bald Eagle-Otter Lakes Regional Park, an 862-acre park owned and maintained by the Ramsey County Parks and Recreation Department, in White Bear Township. Amenities at the Bald Eagle Lake section of the park include a boat launch, picnic area, shoreline fishing and fishing pier, and trail access.



The public water access is used year-round for fishing and recreational purposes. Below is image of the public water boat access area along Hugo Road.



Hugo Road is currently designed to a 9-ton capacity, so it is not accessible to or drivable for all heavy trucks. If trucks are over this weight limit, they may cause damage to the road. The average daily traffic is approximately 980 vehicles per day. The roadway has bituminous pavement with a variable width of 22'-24' with no paved or gravel shoulders. The pavement condition is at the border of "Fair/Poor" with an expected steady decline into the "Poor" category over the next year or two. Between 2015 and 2020, there were 10 crashes along this roadway segment. There are no provisions for pedestrians or bicyclists currently provided along Hugo Road.

### **Enhanced Access to Recreational Amenities**

This proposed project will make improvements to a 1.4-mile section of Hugo Road from Buffalo Street (County State Aid Highway 8) to County Road J (County Road 81) – map below shows the Project Location. As mentioned above, Hugo Road provides the only roadway access to the existing public water access to Bald Eagle Lake in Bald Eagle-Otter Lakes Regional Park.

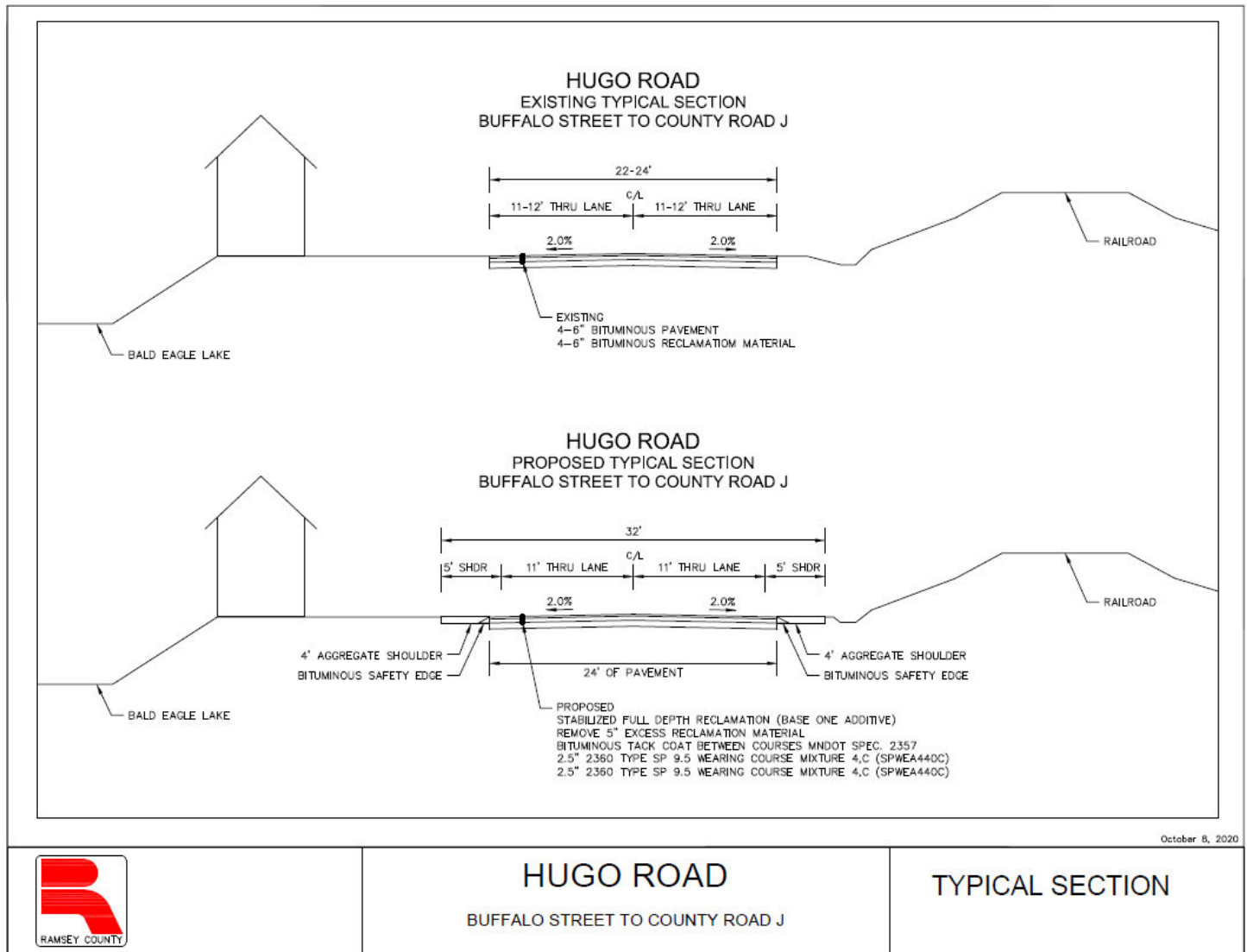
### **Roadway Structural Improvement**

The proposed project will reconstruct the roadway from its current 9-ton capacity to a 10-ton design capacity to better accommodate all vehicles utilizing the roadway for general purposes or to access the public water access or regional park amenities. A full depth reclamation will be done on the pavement to provide the needed structural capacity and to also provide an improvement that will last 20+ years into the future with appropriate maintenance.

### Roadway Typical Section (i.e. Width of Roadway)

The roadway width will be reconstructed to provide one 11' paved vehicle lane in each direction (22' total) with a 1' paved safety edge on each side. The paved safety edge will allow vehicles that inadvertently go out of their lane or run off of the road to safely navigate their way back into the lane or onto the paved surface. The improvements will also include a 2'-4' aggregate shoulder on each side of the roadway. The variable width of this shoulder is due to the proximity of homes and the BNSF railroad right of way along the southern portion of Hugo Road.

The existing and proposed typical sections (i.e. widths of Hugo Road) are shown below.



### Safety

With the improved pavement surface, the addition of the paved safety edge, and the addition of the aggregate shoulder, the roadway will be safer for all users, including vehicles, bicycles and pedestrians. Because of the public water access to Bald Eagle Lake, there are many trucks with boats and trailers using Hugo Road and the improved pavement condition will greatly enhance their access to this lake. Also, the additional safety edge and shoulder space really allows pedestrians and bicycles an improved ability to access the amenities at the public water access and regional park.

### Amount of Traffic Directly Related to Recreation Site

Bald Eagle Lake is located in northern Ramsey County, close to the border with Anoka and Washington Counties. Because of this location, it is a lake that is easily accessible by anyone in the metro area, but it is

also very accessible for many that live in the very northern and eastern areas of the metro counties and beyond.

There are approximately 40 parking spaces to accommodate trucks with trailers at the public water access boat launch. Traffic to the public water access boat launch is approximately 60 people per day based on observed parking lot usage. These numbers increase during the weekends as more people come to the lake to enjoy the fishing and recreational purposes. Also, this public water access is not just a summertime use. There are many who come to the lake in the wintertime for ice fishing and other recreational purposes.

**2. Preliminary Cost Estimate and Local Cost Share**

The estimated cost of the proposed construction improvements is \$882,351. **Ramsey County is requesting 50% of the construction costs for a total \$441,175 in State Park Road Account funding for this project.**

The county will contribute the remainder of the funding for construction and will provide the design and construction engineering services needed to fully complete the project

| HUGO ROAD BUFFALO TO COUNTY ROAD J |  |          |                          |             |                  |
|------------------------------------|--|----------|--------------------------|-------------|------------------|
| PRELIMINARY Engineers Estimate     |  |          | 10/26/2020               |             |                  |
| ITEM NUMBER                        | ITEM                                       | UNIT     | TOTAL ESTIMATED QUANTITY | UNIT PRICE  | AMOUNT           |
| 2021.501                           | MOBILIZATION                               | LUMP SUM | 1                        | \$40,000.00 | \$40,000         |
|                                    | CLEAR AND GRUB                             | LUMP SUM | 1                        | \$10,000.00 | \$10,000         |
| 2105.607                           | COMMON EXCAVATION                          | CU YD    | 1,070                    | \$25.00     | \$26,750         |
| 2104.607                           | REMOVE EXCESS RECLAMATION MATERIAL         | CU YD    | 2,730                    | \$19.00     | \$51,870         |
| 2123.610                           | STREET SWEEPER (WITH VACUUM PICKUP)        | HOURLY   | 10                       | \$185.00    | \$1,850          |
| 2215.504                           | STABILIZED FULL DEPTH RECLAMATION          | SQ YD    | 19,500                   | \$3.50      | \$68,250         |
| 2221.507                           | SHOULDER BASE AGGREGATE (CV) CLASS 1 MOD   | CU YD    | 1,070                    | \$85.00     | \$90,950         |
| 2357.506                           | BITUMINOUS MATERIAL FOR TACK COAT          | GALLON   | 975                      | \$2.75      | \$2,681          |
| 2360.509                           | TYPE SP 9.5 WEARING COURSE MIXTURE (4,C)   | TON      | 5,600                    | \$75.00     | \$420,000        |
| 2504.602                           | RELOCATE HYDRANT                           | EACH     | 4                        | \$5,000.00  | \$20,000         |
| 2506.502                           | ADJUST FRAME & RING CASTING                | EACH     | 1                        | \$780.00    | \$780            |
| 2563.601                           | TRAFFIC CONTROL                            | LUMP SUM | 1                        | \$24,000.00 | \$24,000         |
| 2563.613                           | PORTABLE CHANGEABLE MESSAGE SIGN           | UDAY     | 14                       | \$145.00    | \$2,030          |
| 2564.518                           | SIGN PANELS TYPE C                         | SQ FT    | 250                      | \$75.00     | \$18,750         |
| 2573.501                           | EROSION CONTROL SUPERVISOR                 | LUMP SUM | 1                        | \$5,000.00  | \$5,000          |
| 2575                               | EROSION CONTROL                            | LUMP SUM | 1                        | \$20,000.00 | \$20,000         |
| 2575.618                           | SITE RESTORATION                           | SQ FT    | 42,000                   | \$1.00      | \$42,000         |
| 2582.503                           | INTERIM PAVEMENT MARKING                   | LIN FT   | 28,800                   | \$0.25      | \$7,200          |
| 2582.503                           | 6" DOTTED LINE MULTI COMP GR IN (WR)       | LIN FT   | 14,400                   | \$1.25      | \$18,000         |
| 2582.503                           | 4" DOUBLE SOLID LINE MULTI COMP GR IN (WR) | LIN FT   | 7,200                    | \$1.70      | \$12,240         |
|                                    |  |          |                          |             |                  |
|                                    |  |          |                          |             | <b>\$882,351</b> |

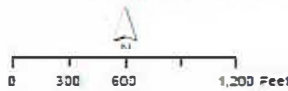
3. Detailed Map with Project Location and Alignment

### HUGO ROAD IMPROVEMENT PROJECT BUFFALO STREET - COUNTY ROAD J



 Road Improvement

Map Produced on September 23, 2020  
Ramsey County Public Works Department



 **RAMSEY COUNTY**  
*Working with you to enhance our quality of life*

#### 4. Letter of Support – County Engineer



October 30, 2020

David B. Sobania  
Principal Engineer  
Minnesota Department of Natural Resources  
Via Email: [Dave.Sobania@state.mn.us](mailto:Dave.Sobania@state.mn.us)

**RE: 2021 STATE PARK ROAD ACCOUNT - HUGO ROAD, RAMSEY COUNTY ROAD 154, PUBLIC WATER ACCESS TO BALD EAGLE-OTTER LAKES REGIONAL PARK**

Dear Mr. Sobania:

The Ramsey County Public Works Department is submitting an application for the State Park Road Account (SPRA) funding for improvements to Hugo Road (County Road 154) in White Bear Township.

Bald Eagle Lake is a high value and highly used lake for both fishing and recreational purposes all year round. Improvements to Hugo Road are needed to enhance the access and safety to the lake. Hugo Road is the only access to the public water access/boat launch on Bald Eagle Lake and is located in the Bald Eagle-Otter Lakes Regional Park that is owned and operated by the Ramsey County Parks and Recreation Department.

We support these needed roadway improvements that improve access and safety for all users and are committed to providing the additional funding above what is being requested from the SPRA. We also commit to the on-going maintenance and operations of this roadway for its lifespan.

We appreciate your consideration for funding of this project and welcome any questions regarding it. Thank you for considering our application.

Sincerely,

*Ted Schoenecker*

Ted Schoenecker  
Director of Public Works/County Engineer

5. Letter of Support – DNR Unit Manager



Division of Parks and Trails  
1200 Warner Road  
St Paul, MN 55106

October 7, 2020

Mr. Joseph Lux  
Ramsey County  
1425 Paul Kirkwold Dr  
Arden Hills, MN 55112

Dear Mr. Lux,

Thank you for providing the information for the road project associated with Ramsey County Road 154. This office supports your efforts to submit an application for the State Park Road Account program associated with this project. If you should have any additional questions regarding the State Park Road account program, please contact [REDACTED] Good luck with your application.

Sincerely,

A handwritten signature in blue ink, appearing to read 'R Henzen'.

Rachel Henzen  
Area Parks and Trail Supervisor  
[rachel.henzen@state.mn.us](mailto:rachel.henzen@state.mn.us)

Cc: Steven Hennessy, DNR Parks and Trails  
Dave Sobania, SPRA/Regional Engineer

*Equal Opportunity Employer*