



Real People. Real Solutions.

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April 2, 2025

Joe Feriancek, P.E.
Assistant City Engineer
City of Ramsey
7550 Sunwood Drive NW
Ramsey, MN 55303

RE: Proposal for Design Services – Bunker Lake Boulevard

Dear Mr. Feriancek:

We understand that the City is proposing to reconstruct Bunker Lake Boulevard between Armstrong Boulevard and approximately 600 feet west of Jackal Street in 2026. The improvements are consistent with the City's current Capital Improvement Plan.

UNDERSTANDING

Based on communications with the City, we understand the following:

The City will obtain a geotechnical report for the corridor and will also provide sewer televising. These items are anticipated to be completed during the summer of 2025.

Traffic studies for this area were completed previously, but considered different development strategies. We will update the previous studies based on current development patterns. This will aid in determining the lane configuration needed along the roadway and also at the intersection with Armstrong Boulevard.

Through this section of roadway, westbound Bunker Lake Boulevard has an existing curb and eastbound Bunker Lake Boulevard is a rural section, including a swale. The intent is to salvage as much of the existing curb as possible, expand the roadway to the south, and create a shared center left turn lane to match the design to the west. For the existing curb line, we will verify existing slopes and inspect for settlement areas. We will also review the existing center median and determine which portions can remain in-place.

Widening will occur on the south side of the roadway and will include a curb and gutter. The existing swale will be filled and replaced with storm sewer pipe to convey runoff.

The reconstruction process is assumed to include reclaiming the existing bituminous and aggregate base, recycling that material, and paving over the top. We will also require the contractor to expose the subgrade and scarify and recompact the upper one foot of material.

We had previously depicted a trail along the south curblineline. This will not be constructed as a part of this project.

The existing trail on the north side of the roadway will remain in-place. No improvements to the trail are proposed at this time.

There will be some coordination with developers/property owners along the corridor. The design may need to be adjusted to accommodate potential developments.

Bunker Lake Boulevard is Municipal State Aid (MSA) street, which means that MnDOT MSA approval will be required prior to bidding. An Anoka County permit will most likely also be required for work in the Armstrong Boulevard right of way.

A LRRWMO Permit will be required due to the new impervious surface. We will assist the City with obtaining this permit as a part of the design process.

The project schedule will require plans to be completed by the end of October 2025 to allow for bidding in December of 2025 or January 2026.

We understand that City staff will prepare all council cases and hold the open house meeting. We will provide a project layout for use by the City at the open house.

We have assumed the City will prepare any required feasibility report and/or council reports required.

SCOPE OF WORK

Bolton & Menk will assist the City with survey, design, and bidding related services for the project. Our work will include the following tasks:

- **Survey** – This task will include a topographic survey and drone image of the site. We will also complete a Gopher State One Call/map request, complete utility mapping, and complete base map preparation.
- **Traffic Study Update** – We will review past studies, review current development strategies, and provide recommendations related to lane configurations and turn lane lengths. This will not be an in-depth, comprehensive analysis, but instead will be a more general review of existing documentation.
- **Design** – Design services will generally include the following tasks:
 - Attendance at design meetings,
 - Site visits to review the existing roadways and adjacent properties, and
 - Construction Documents for the use of permitting, bidding and construction.
- **Public Streets and Utilities** - Design services to include:
 - We have assumed that Bunker Lake Boulevard will be designed to a 10-ton section, and will have a 3-lane, urban-section configuration, similar to the constructed section to the west,
 - A review of sanitary sewer televising report and incorporation of findings into the plans. We have assumed that manhole casting adjustments will be the only sanitary sewer improvements required for the project,
 - No watermain-related work is anticipated, other than valve box and fire hydrant adjustments, and

- We will prepare stormwater calculations for roadway improvements and implement storm sewer infrastructure improvements as needed.
- **Stormwater Related** - Stormwater design will include the following:
 - Gather the permitting history in the area and update the regional modeling to include adjacent developments, current Bunker Lake Boulevard storm sewer alignments, and regional stormwater management,
 - Verify existing stormwater management system design and proposed additional stormwater management systems, as needed,
 - Design stormwater management systems to ensure rate control, volume control, and water quality standards are met,
 - Develop proposed conditions MnDOT State Aid Hydraulics submittal, and
 - Develop and secure LRRWMO Stormwater Management and Erosion Control Permit.
- **Reviews** – We will review the final documents with the City and make revisions as needed.
- **Permits and Utilities** – We have assumed permits/approvals will be required as follows:
 - MnDOT State Aid,
 - Anoka County,
 - Lower Rum River Watershed Management Permit (New Impervious greater than 1 acre), and
 - NPDES (Contractor Obtained).
- **Bidding** – We will work with the City to solicit bids for the work.
- **Construction** – Our proposal does not include time after bid opening. A separate proposal can be provided at a later date for construction-related services.

PROPOSED FEES

The fees listed in the attached spreadsheet are estimates based on each task. While the actual fees required for each task may vary, the total amount of \$118,347.00 is a Not-to-Exceed amount.

SCHEDULE

We are prepared to begin services immediately after authorization from the City is received.

If there are any questions, please call me at (651) 968-7760.

Sincerely,

BOLTON & MENK, INC.



Kevin P. Kielb, P.E.

Principal Engineer

CC: Bruce Westby, Public Works Director / City Engineer

ATTACHMENT: Fee Spreadsheet

Detailed Cost Estimate

Client: City of Ramsey 2026 Bunker Lake Boulevard Reconstruction		Bolton & Menk, Inc.									
Task No.	Work Task Description	Principal Engineer	Associate Project Manager	Water Resources Engineer	Design Engineer	Design Technician	Project Surveyor	Survey Crew Manager	Clerical	Total Hours	Total Cost
1.0	Project Management	8	16	2			2			28	\$5,656
2.0	Topographic Survey		4		4	6	8	64		86	\$16,296
3.0	Preliminary Design Exhibits & Traffic Study Update	18	24		44	16			2	104	\$17,982
4.0	Final Design & State Aid Submittals	8	30	28	78	114			4	262	\$42,738
5.0	Permitting (LRRWMO and Anoka County)	3	8	34	134				1	180	\$31,175
6.0	Bidding Services	4	8		8				8	28	\$4,500
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Total Hours		41	90	64	268	136	10	64	15	688	
Average Hourly Rate		\$223.00	\$189.00	\$227.00	\$158.00	\$142.00	\$197.00	\$195.00	\$104.00		
Bolton & Menk Subtotal		\$9,143	\$17,010	\$14,528	\$42,344	\$19,312	\$1,970	\$12,480	\$1,560		\$118,347
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TOTAL PROPOSED FEES											\$118,347