



Real People. Real Solutions.

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December 18, 2019

Mr. Bruce Westby, P.E.
City Engineer
City of Ramsey
7550 Sunwood Drive NW
Ramsey, Minnesota 55303

RE: Proposal for Engineering Services
Puma Street Improvement Project

Dear Mr. Westby:

We appreciate the opportunity to present this scope of services for the Puma Street Improvement project. Our scope and fees were prepared based on our understanding of the project and our previous experience in delivering State Aid projects.

The following proposal is based on our December 13, 2019 discussion related to the project as well as the Future Business Park study and the recently constructed Bunker Lake Boulevard and Puma Street Improvements project.

SCOPE

The improvements will be generally as described in our December 3, 2015 report for the Future Business Park. The phasing will be as generally described in our March 2017 Update Report. The improvements will consist of the following items as presented in the above reports, depicted on the attached figures, and as constructed in 2018:

- Puma Street construction will include the Phase 2 area identified in the Business Park Study Update, which includes street and utility improvements from the Puma Street lift station to Alpine Drive.
- A 10-foot bituminous trail will be constructed along the west side of Puma Street.
- 10-inch sanitary sewer and 16-inch watermain will extend the entire length of the project.
- The Alpine Drive and Puma Street intersection will be relocated to line up with Okapi Street NW.

Project scope assumptions used in creating this fee proposal include the following:

- A full topographic survey was previously completed. Only verification survey is required.
- The Developer will design the storm pond and provide an easement to the City. We will coordinate discharge of the street stormwater into this pond.
- No additional turn lanes will be added to Alpine Drive at this time. Additional development and traffic may warrant turn lanes in the future.
- The Right-of-Way plat for the road realignment will be provided by the City.

- State Aid formatted plans, including plan review checklist and spread calculations are required.
- Street lighting will be completed separately by the City.
- Geotechnical borings will extend 5-feet below the anticipated sanitary sewer depth.
- The anticipated plan set will include the following 34 sheets:
 - Title (1 sheet)
 - Legend (1 sheet)
 - Details & MnDOT Standard Plan Sheets (10 sheets)
 - Tables & SEQ (3 sheets)
 - Existing Conditions & Removals (1 sheet)
 - Erosion Control Plan & SWPPP (5 sheets)
 - Traffic Control Plan (1 sheet)
 - Sanitary Sewer & Water Plan & Profiles (2 sheets)
 - Street & Storm Sewer Plan & Profiles (2 sheets)
 - Storm Sewer Leads (1 sheet)
 - Intersection Detail (1 sheet)
 - Signage & Striping (1 sheet)
 - Cross-Sections (5 sheets)

Construction costs associated with the improvements described above are estimated at approximately \$990,000, which includes a 10 percent construction contingency. We will create a detailed engineer's estimate based on actual design quantities.

SCHEDULE Schedule has changed and will be updated based on discussion.

The proposed schedule for these improvements is as follows:

<u>Task</u>	<u>Date</u>
City Council Action (Authorize Plans)	January 14, 2020
City Council Approves Plans and Orders Bids	February 25, 2020
Public Bid Opening	March 31, 2020
City Council Accepts Bids / Awards Contracts	April 14, 2020
Begin Construction	May 18, 2020
Substantial Completion	September 18, 2020
Final Completion	October 23, 2020

PERMITTING AND APPROVALS

The work associated with the roadway improvements will require the following permits:

- State Aid Approvals
- Lower Rum River Watershed Management Organization (Stormwater and Erosion Control)
- MPCA (NPDES – Construction Stormwater General Permit)
- MPCA (Sanitary Sewer Extension Permit)
- MDH (Watermain Installation Permit)

FEES

We have attached a fee spreadsheet depicting hours, rates, and total compensation on a per task basis. We are proposing to enlist Northern Technologies for geotechnical services.

Our proposed fees for the work are as follows:

<u>Design Task</u>	<u>Fees</u>
Design, Permitting, and Bidding	\$ 47,625
<u>Geotechnical Evaluation (NTI)</u>	<u>\$ 5,500</u>
Total Not-to-Exceed Fee	\$ 53,125
<u>Construction Task</u>	<u>Fees</u>
<u>Construction Staking & Administration</u>	<u>\$ 8,930</u>

If there are any questions related to the scope and/or fee portion of this submittal, please call me at (651) 968-7760.

Sincerely,

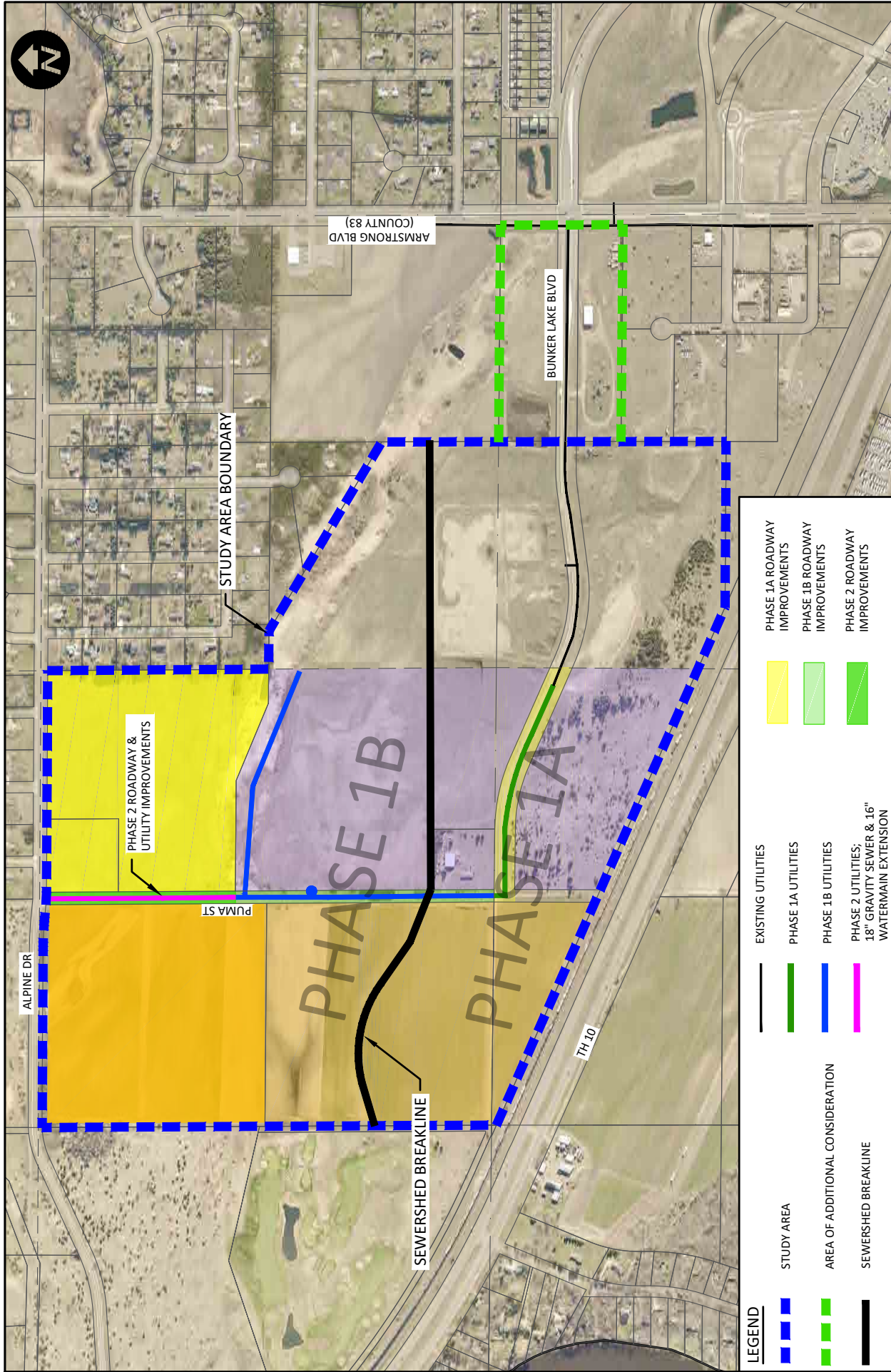
Bolton & Menk, Inc.



Kevin P. Kielb, P.E.
Project Manager

ATTACHMENTS:

- Improvements Exhibits
- Detailed Fee Spreadsheet



LEGEND

	STUDY AREA		EXISTING UTILITIES
	AREA OF ADDITIONAL CONSIDERATION		PHASE 1A UTILITIES
	SEWERSHED BREAKLINE		PHASE 1B UTILITIES
			PHASE 2 UTILITIES; 18" GRAVITY SEWER & 16" WATERMAIN EXTENSION
			PHASE 1A ROADWAY IMPROVEMENTS
			PHASE 1B ROADWAY IMPROVEMENTS
			PHASE 2 ROADWAY IMPROVEMENTS

ALPINE DR



PUMA ST

POTENTIAL
ROW VACATION



NOTES

CONSIDER LEFT TURN LANES AND
RIGHT TURN LANES ON ALPINE DRIVE
BASED ON FUTURE TRAFFIC DEMANDS.

LEGEND



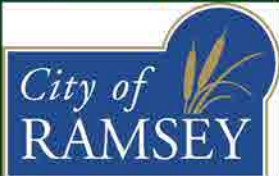
TRAVEL LANES



CONCRETE MEDIAN
OR CURB & GUTTER

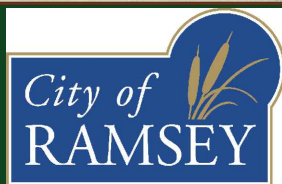
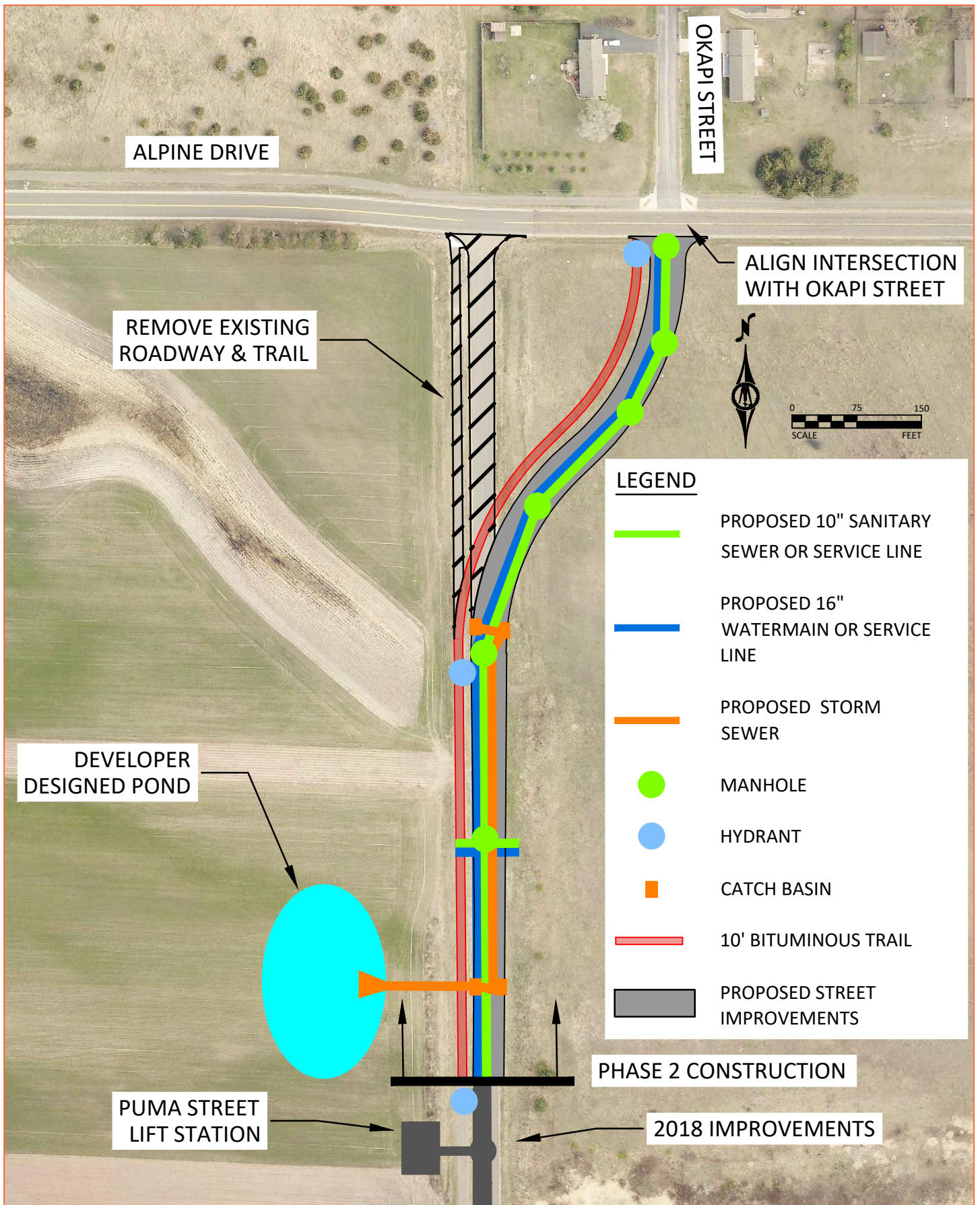


BITUMINOUS TRAIL



FUTURE BUSINESS PARK
CITY OF RAMSEY, MINNESOTA
FIGURE 12 - PUMA STREET & ALPINE DRIVE
ALTERNATIVE CONCEPT

July, 2015



**PUMA STREET IMPROVEMENTS
CITY OF RAMSEY, MINNESOTA**

FIGURE 1
DECEMBER 2019

Fee Proposal

CLIENT: City of Ramsey PROJECT: Puma Street Improvements	BOLTON & MENK, INC.
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WORK TASK DESCRIPTION	Project Manager	Senior Designer	Designer	Surveyor	Clerical	Total Hours	Cost
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Topographic Survey, Final Design and Construction Staking

1.0 Roadway Design (Includes Topo and State Aid Plan Development)	4	45	98	10	2	159	\$19,265
2.0 Trunk Utility Design (Sanitary Sewer and Water)	2	8	34	0	0	44	\$5,220
4.0 Storm Water Management and Storm Sewer Design	2	24	36	0	0	62	\$7,760
5.0 Reviews and Approvals	2	8	16	0	2	28	\$3,410
6.0 Permitting	2	24	40	0	2	68	\$8,370
7.0 Bidding Services (Questions & Addenda)	4	12	8	0	4	28	\$3,600
Subtotal Bolton & Menk	16	121	232	10	10	389	\$47,625

SUBCONSULTANT - Northern Technologies \$5,500

TOTAL for Design through Bidding	\$53,125
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Construction Services

1.0 Construction Administration (Shop Drawings, Pay Requests, As Builts)	4	16	12	0	2	34	\$4,450
2.0 Construction Staking	0	4	2	32	0	38	\$4,480