

**REQUEST FOR PROPOSAL
PAVEMENT MANAGEMENT PROGRAM
2023 PROJECTS
Geotechnical Reports
City of Ramsey**

ISSUE DATE
August 3, 2022

PROPOSAL MUST BE RECEIVED BY:
10:00 am on Tuesday, August 16, 2022

DELIVER PROPOSAL TO:
City of Ramsey Municipal Center
7550 Sunwood Drive NW
Ramsey, MN 55303
Attn: Marsha Weidner
763-433-9839

INTRODUCTION: The City of Ramsey (City) is requesting proposals for the delivery of three (3) geotechnical reports for 2023 projects including;

1. IP 23-01 161st Avenue Reconstruction
 - a. 161st Avenue between Armstrong Boulevard and Variolite Street
 - i. MSA Reconstruction (10-ton design)
 - ii. Water, Sanitary Sewer, and Storm Sewer installation anticipated
 - b. Street is approximately 0.51 miles in total length
 - i. 28-feet wide, with bituminous curb
 - ii. Speed limit is 30 mph
 - iii. ADT 1,100 (Future School Design ADT 2,500)
 - iv. No Parking on both sides
 - c. Scope of work includes:
 - i. Seven (7) soil borings to a depth of 15-feet (No. 5 and 6 in green space; No.7 within Parking Lot) per the attached exhibit
 - ii. Five (5) Pavement Cores for borings 1-4, 7
 - d. A standard geotechnical report including construction feasibility for public utilities and pavement section
 - e. Logs of soil borings with descriptions of nomenclature used for defining the site soils
 - f. Estimated subgrade support strength parameters for design of the bituminous roadway and recommendations for soil corrections
 - g. Recommendations for earthwork associated with installation of storm sewer, sanitary sewer, and watermain

2. IP 23-04 167th Avenue Reconstruction
 - a. 167th Avenue between Nowthen Blvd (CSAH 5) and St. Francis Blvd (TH 47)
 - i. MSA Reconstruction (10-ton design)
 - ii. Water exist, some storm sewer installation anticipated
 - b. Street is approximately 1.13 miles in total length
 - i. 40 feet wide rural (Nowthen to Quicksilver St) 0.98 miles
 - ii. 47 feet wide urban (Quicksilver St to TH 47) 0.15 miles
 - iii. Speed limit is 50 mph
 - iv. ADT 2,350
 - v. 8-10 feet wide shoulders both sides
 - c. Scope of work includes:
 - i. Twelve (12) soil borings to a depth of 10 feet per the attached exhibit
 1. Twelve (12) Pavement Cores
 - d. A standard geotechnical report including construction feasibility for public utilities and pavement section
 - e. Logs of soil borings with descriptions of nomenclature used for defining the site soils
 - f. Estimated subgrade support strength parameters for design of the bituminous roadway and recommendations for soil corrections
 - g. Recommendations for earthwork associated with installation of storm sewer, sanitary sewer, and watermain

3. IP 23-05 Barthel's Rum River Acres 2nd Street Reconstructions
 - a. Subdivision located east of Trunk Highway 47, adjacent to Rum River
 - i. Connections from 164th Lane at TH 47
 - ii. Existing crossing culverts are proposed to be replaced
 - iii. Northern Natural Gas Lines cross the subdivision (3 road crossings)
 - b. Streets are approximately 1.64 miles in total length
 - i. 24-feet wide, rural section
 - ii. Speed limit is 30 mph
 - c. Scope of work includes:
 - i. Thirteen (13) soil borings to a depth of 10-feet per the attached exhibit
 1. Thirteen (13) Pavement Cores
 - ii. A standard geotechnical report including construction feasibility for public utilities and pavement section
 - iii. Logs of soil borings with descriptions of nomenclature used for defining the site soils
 - iv. Estimated subgrade support strength parameters for design of the bituminous roadway and recommendations for soil corrections
 - v. Recommendations for earthwork associated with installation of storm sewer
 - vi. Recommendations for management of groundwater for design of structures and pavements

SOIL BORING REQUIREMENTS: Soil borings to a depth called out above will be taken at stationing shown on the attached “Boring Hole Location” exhibits. Soil borings will alternate between drive lanes as practical. Cores of the existing bituminous pavement will be required. Cores will be taken to verify thickness and structural integrity of the existing pavement and base. Pictures of the cores will be included in the final report. Any additional depth beyond depth called out will be paid per lineal foot. The Contractor must perform sufficient survey work to locate holes approximately 5 feet horizontally and approximately 0.5 feet vertically. The Contractor is responsible for locating all utilities prior to starting boring operations.

SOIL BORING LOG REQUIREMENTS: A field boring log will be prepared by the Contractor for each boring with a copy included in the final report. The field boring logs will include;

- The project identification number
- Location of the boring referenced by centerline stationing
- Boring log number
- Method of drilling and sampling, diameter of bore hole
- Date, name of driller and crew
- Ground surface elevation and ground water elevation measured to the nearest 0.5 feet
- Definition of all symbols that are not otherwise self-explanatory
- Classification, thickness, color, moisture condition (dry, moist, wet, saturated), composition and degree of compactness
- Field number of any samples taken, type of sample and depth taken
- Depth at which obstacles were encountered in advancing the boring
- Any other unusual conditions encountered during drilling and sampling

SCHEDULE: A written schedule of the work shall be submitted identifying all work components and showing work start and completion dates required to comply with the schedule. Once work has commenced, the Contractor shall continuously pursue completion in accordance with the approved schedule. The final Geotechnical Report must be delivered to the City by Monday, October 31, 2022.

PROPOSAL SUBMITTAL: An itemized quote shall be submitted for the proposed work using the form at the end of this Request for Proposal (RFP).

COMMUNICATION WITH THE CITY: If any requirements of this RFP are not clearly understood, the Contractor is responsible for contacting the City for further clarification in a prompt manner. Responses to inquiries, if they change or clarify the RFP in a substantial manner, will be forwarded by addenda to the RFP.

SUBMISSION: A signed copy of the attached proposal form is requested by **10:00 A.M. Tuesday, August 16, 2022.** Deliver to the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey MN 55303 to the attention of Marsha Weidner, Engineering Assistant. E-mail quotes will be accepted and may be sent to MWeidner@cityoframsey.com.

PROPOSAL UNDERSTANDING: By submitting a proposal, the Contractor agrees to be bound to the terms and conditions herein.

COSTS OF PREPARATION: Under no condition will any costs of preparation of the proposal be reimbursed by the City.

LICENSE AND INSURANCE: By submitting a proposal, the Contractor affirms they shall maintain the following minimum insurance coverage while completing their work as related to this RFP in the following amounts: Commercial General Liability \$1,000,000 per occurrence (written on an occurrence based form bodily injury and property damage); automobile liability \$1,000,000 per occurrence (including hired & non-owned bodily injury and property damage). The City of Ramsey shall be named as an additional insured on the Commercial General Liability insurance. Certificates of Insurance for all of the above insurance shall be filed with the City prior to the work. The Contractor also affirms they shall be licensed to perform the work in the State of Minnesota, and the work shall comply with all state and local laws.

WORKING HOURS: The work shall be carried out during normal working hours so as not to cause any unreasonable nuisance to affected residents and businesses. Under emergency conditions, this limitation may be waived in writing by the Engineer in conjunction with qualified local authority. Normal working hours for this work are considered to be from 7:00 a.m. to 8:00 p.m., Monday through Friday.

WORK AND STAGGING AREAS: The Contractor shall confine their work activities within City owned properties and right of way. No equipment shall be left on City streets outside normal working hours.

SPECIFICATIONS: Work shall be conducted in conformance with the specifications set forth herein and in accordance with the latest edition of the Minnesota Department of Transportation Standard Specifications for Construction which is incorporated by reference to these specifications.

TRAFFIC CONTROL: All traffic control devices and layouts shall conform and be installed in accordance to the latest addition of the Minnesota Temporary Traffic Control Field Manual.

PAYMENT: Payment will be made upon submittal of an invoice to the City on a net 30 day basis following City acceptance of the work. An IC 134 form will be required prior to final payment.

BASIS OF AWARD: The City will award each individual project to the lowest proposal, rather than the lowest combined total of all three proposals.

BASIS OF PAYMENT: Payment shall be made for the work on the basis specified below. The cost of any additional labor, materials, permits, tools and supplies which have not been specifically

identified in this section for payment, but required to complete the project as per the plans and specifications shall be considered incidental to the project.

Mobilization – Payment shall be made on a lump sum basis for the mobilization of equipment.

Geotechnical Report – Payment shall be made on a lump sum basis as compensation for all development of the geotechnical report meeting the requirements outlined in this RFP.

Soil Boring – Payment shall be made on a per each basis as compensation for all equipment, material and labor costs required for the soil boring and all required documentation of soil borings as outlined in this RFP.

Soil Boring Additional Depth – Payment shall be made on a per lineal foot basis as compensation for all equipment, material and labor costs required for soil boring at depth beyond depth as stated in the introduction. The cost of meeting any Minnesota Department of Health requirement for abandonment of geotechnical soil bore holes, including holes deeper than 15-feet are incidental to this pay item.

Traffic Control – Payment shall be made on a lump sum basis as compensation for all equipment, material, and labor costs required for the installation and maintenance of traffic control measures (signage, barricades, flashers, flaggers, etc.), as directed by the Engineer, for any local traffic disruptions or temporary closures.

PROPOSAL

This proposal is submitted to the City of Ramsey for Pavement Management Program 2023 Projects Geotechnical Reports. That _____ accepts the terms and conditions herein and agrees to deliver the final Geotechnical Reports to the City by Friday, October 31, 2022, and to complete all work described herein for the following unit prices:

IP 23-01 161ST AVENUE RECONSTRUCTION

Item No.	Item Description	Unit	Quantity	Price	Extension
1	Mobilization	LS	1	_____	_____
2	Geotechnical Report	LS	1	_____	_____
3	Soil Boring	EA	7	_____	_____
4	Soil Boring Additional Depth Beyond 15-feet	LF	1	_____	_____
5	Traffic Control	LS	1	_____	_____
Total Proposal Lines 1-5					_____

IP 23-04 167TH AVENUE RECONSTRUCTION

Item Description	Unit	Quantity	Price	Extension
Mobilization	LS	1	_____	_____
Geotechnical Report	LS	1	_____	_____
Soil Boring	EA	12	_____	_____
Soil Boring Additional Depth Beyond 10-feet	LF	1	_____	_____
Traffic Control	LS	1	_____	_____
Total Proposal Lines 1-5				_____

IP 23-05 BARTHEL’S RUM RIVER ACRES 2ND STREET RECONSTRUCTIONS

Item Description	Unit	Quantity	Price	Extension
Mobilization	LS	1	_____	_____
Geotechnical Report	LS	1	_____	_____
Soil Boring	EA	13	_____	_____
Soil Boring Additional Depth Beyond 10-feet	LF	1	_____	_____
Traffic Control	LS	1	_____	_____
Total Proposal Lines 1-5				_____

Contractor Name _____

Owner or representative _____

Phone(s) _____

E-mail _____

Signature _____

Date _____



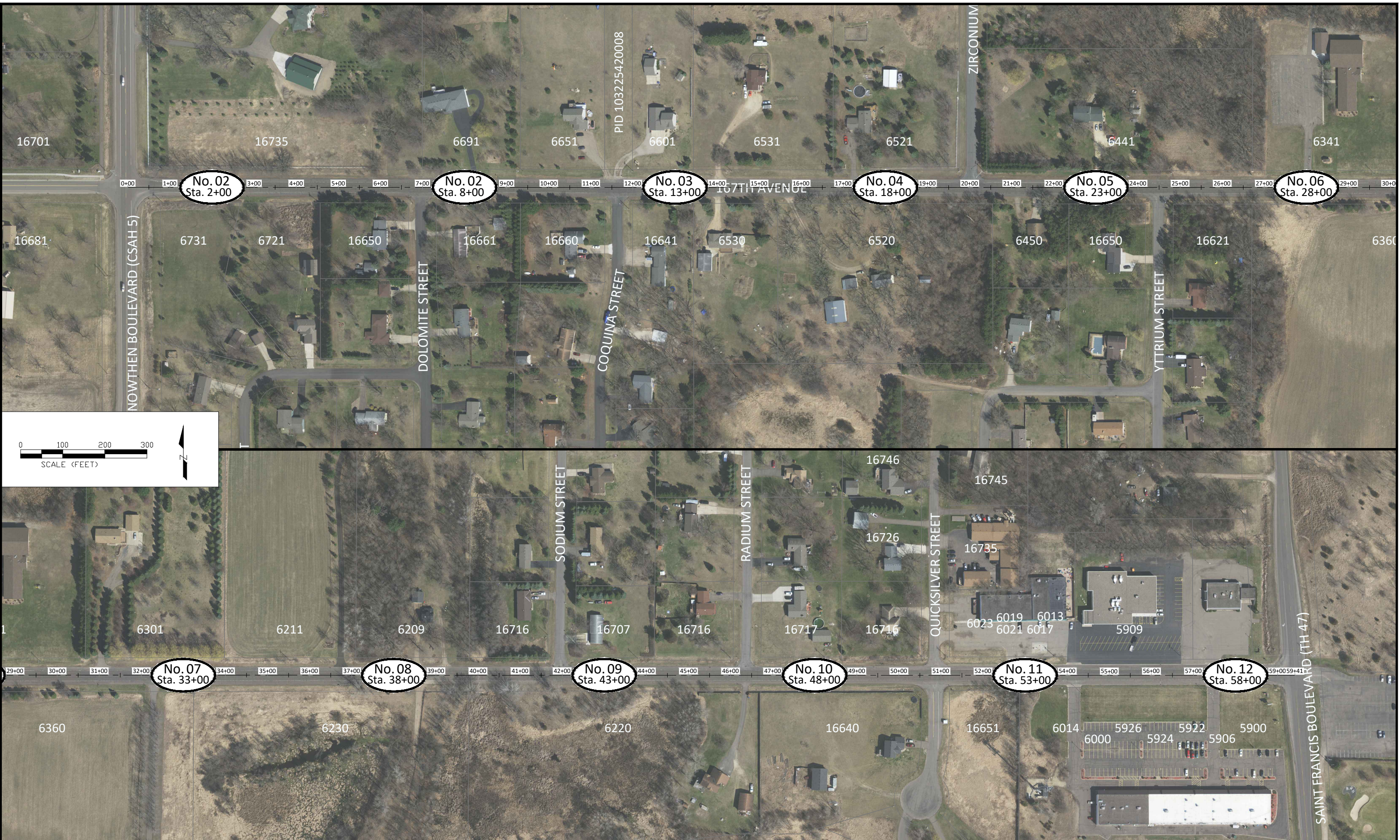
DATE	REVISION

DESIGNED BY: ---	DATE: 08/02/22
DRAWN BY: JJF	FILE: 23-01
CHECKED BY: ---	


CITY OF RAMSEY
 7550 SUNWOOD DRIVE
 RAMSEY, MN 55303
 (763) 427-1410 FAX (763) 433-9898

SOIL BORING LOCATION MAP

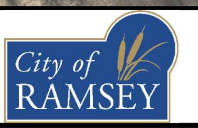
161ST AVENUE RECONSTRUCTION
CITY PROJECT NO. 23-01
 CITY OF RAMSEY, MINNESOTA



DATE	REVISION

DESIGNED BY: ---
DRAWN BY: JJF
CHECKED BY: ---

DATE: 08/02/22
FILE: 23-04



CITY OF RAMSEY
 7550 SUNWOOD DRIVE
 RAMSEY, MN 55303
 (763) 427-1410 FAX (763) 433-9898

167TH AVENUE (NOWTHEN BLVD. TO T.H. 47)
 SOIL BORING LOCATION MAP

167TH AVENUE RECONSTRUCTION
 CITY PROJECT NO. 23-04
 CITY OF RAMSEY, MINNESOTA



DATE	REVISION

DESIGNED BY: ---	DATE: 08/02/22
DRAWN BY: JJF	FILE: 23-05
CHECKED BY: ---	


CITY OF RAMSEY
 7550 SUNWOOD DRIVE
 RAMSEY, MN 55303
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SOIL BORING LOCATION MAP

**BARTHEL'S RUM RIVER ACRES 2ND STREET
 RECONSTRUCTION
 CITY PROJECT NO. 23-05
 CITY OF RAMSEY, MINNESOTA**