



ITASCA COUNTY BOARD OF COMMISSIONERS

Itasca County Courthouse
123 NE 4th Street
Grand Rapids, MN 55744
(218) 327-2847

Tuesday, August 24, 2021

12:30 PM

Itasca County Boardroom

FINAL

SPECIAL SESSION MINUTES

I. CALL TO ORDER

Chair Ives called the meeting to order at 12:30 PM.

Attendee Name	Title	Status	Arrived
Davin Tinquist	District #1	Present	12:30 PM
Terry Snyder	District #2	Present	12:30 PM
Leo Trunt	District #3	Present	12:30 PM
Burl Ives	District #4	Present	12:30 PM
Ben DeNucci	District #5	Present	12:30 PM

II. REGULAR AGENDA

1. American Rescue Plan (ARP) Fund Update

County Administrator Brett Skyles provided information regarding the American Rescue Plan (ARP), which will deliver \$8,765,973 in Coronavirus State and Local Fiscal Recovery Funds to Itasca County for uses in response to the COVID-19 emergency through 2024. The Board has already approved the use of \$2,665,515.

RESULT: INFORMATIONAL - NO ACTION TAKEN

2. External American Rescue Plan (ARP) Funding Requests

Commissioners discussed external requests for use of ARP funds.

RESULT: INFORMATIONAL - NO ACTION TAKEN

3. County Requests for American Rescue Plan (ARP) Funding

Commissioners discussed internal County requests for use of ARP funds.

RESULT: INFORMATIONAL - NO ACTION TAKEN

4. Broadband Presentation

Arvig representatives David Schornack and Andy Klinnert and Paul Bunyan Communications representative Steve Howard provided information regarding options and potential use of American Rescue Plan (ARP) funds for broadband expansion in Itasca County.

RESULT: INFORMATIONAL - NO ACTION TAKEN

5. Schedule Special Session

It was the consensus of the County Board to schedule a Special Session Re: American Rescue Plan (ARP) Funding on Tuesday, October 26, 2021 beginning at 1:30 PM in the Boardroom of the Itasca County Courthouse.

III. ADJOURN

Chair Ives adjourned the meeting at 2:17 PM.

ATTEST



Burl Ives
Chair of the County Board



Brett Skyles
Clerk of the County Board



**ITASCA COUNTY
BOARD OF COMMISSIONERS**

Itasca County Courthouse
123 NE 4th Street
Grand Rapids, MN 55744

Tuesday, August 24, 2021

REQUEST FOR BOARD ACTION: RBA-2021-1715

DEPARTMENT: Administrative Services

TIME REQUESTED: 5 Minutes

PRESENTER: Brett Skyles

AGENDA ITEM:

American Rescue Plan (ARP) Fund Update

BOARD ACTION REQUESTED:

Receive update regarding the American Rescue Plan (ARP) Fund.

BACKGROUND:

COUNTY ATTORNEY REVIEW: N/A

SUPPORTING DOCUMENTATION: None

RESULT:

INFORMATIONAL - NO ACTION TAKEN



**ITASCA COUNTY
BOARD OF COMMISSIONERS**

Itasca County Courthouse
123 NE 4th Street
Grand Rapids, MN 55744

Tuesday, August 24, 2021

REQUEST FOR BOARD ACTION: RBA-2021-1747

DEPARTMENT: Administrative Services

TIME REQUESTED: 15 Minutes

PRESENTER: Brett Skyles

AGENDA ITEM:

External American Rescue Plan (ARP) Funding Requests

BOARD ACTION REQUESTED:

Discuss external requests for American Rescue Plan (ARP) funding.

BACKGROUND:

Attached are requests received since the last Special Session.

Requestors are as follows:

North Central Minnesota Farm and Antique Association

Nashwauk-Keewatin ISD 319

COUNTY ATTORNEY REVIEW: N/A

SUPPORTING DOCUMENTATION:

1. North Central MN Farm and Antique Assn - Submission #1691
2. Nashwauk Keewatin ISD 319 - Submission #1712
3. County Commissioners_Leave_Behind_NK_R1_for printer
4. City of Nashwauk - Submission #1722

RESULT:

INFORMATIONAL - NO ACTION TAKEN

From: noreply@civicplus.com
To: [Brett Skyles](#); [Gail Guck](#); [Amanda Schultz](#)
Subject: Online Form Submittal: American Rescue Plan (ARP) Request Form
Date: Tuesday, August 10, 2021 9:45:43 PM

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American Rescue Plan (ARP) Request Form

AMERICAN RESCUE PLAN (ARP) REQUEST FORM

Entity Name:	North Central Minnesota Farm and Antique Association
Name of Contact:	Michael Wilber
Address:	PO BOX 5041
City:	Grand Rapids
State:	MN
Zip Code:	55744
Phone Number:	612-396-2103
E-mail Address:	<i>Field not completed.</i>
Reason for Request:	Address Negative Economic Impacts
Project Name:	2020 Annual Show
Amount Requested:	\$12,000
Project Budget:	INCOME Gate Admission \$ 6,000 Food Sales \$ 14,000 Raffle Tickets \$ 4,000 EXPENSE Grounds, non-food supplies \$ 5,000 Food, beverage \$ 5,000 Raffle \$ 2,000 Net Profit \$12,000

The annual show is the largest source of income for the NCMNFAA (Blackberry Tractor Club). These amounts are based on previous years' average income and expenses.

Additional Information: *Field not completed.*

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From: noreply@civicplus.com
To: [Brett Skyles](#); [Gail Guck](#); [Amanda Schultz](#)
Subject: Online Form Submittal: American Rescue Plan (ARP) Request Form
Date: Thursday, August 19, 2021 1:56:05 PM

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American Rescue Plan (ARP) Request Form

AMERICAN RESCUE PLAN (ARP) REQUEST FORM

Entity Name:	Nashwauk-Keewatin ISD 319
Name of Contact:	Craig Menozzi
Address:	400 2nd St
City:	Nashwauk
State:	MN
Zip Code:	55769
Phone Number:	(218) 885-1280
E-mail Address:	craig.menozzi@icloud.com
Reason for Request:	Address Negative Economic Impacts
Project Name:	PreK-12 School Building
Amount Requested:	\$1,000,000

Project Budget: Nashwauk-Keewatin, ISD 319, will be building a new state of the art PreK-12 school pending successful passage of a referendum on February 8, 2022.

A major emphasis of the new school will be on career and vocational programming since about 75 per cent of our current graduates pursue a career in the trades.

In addition to the new school, we have also entered into a collaboration with ISD 318 as both districts are interested in improving and expanding educational opportunities for all learners.

The career and vocational center space will be over 7800 square

feet in size thus allowing students from Itasca County Schools to access programming in the new facility.

Eventually, the NK school board has plans to consolidate with ISD 318 which will create a much greater economy of scale which will allow for greater academic choice and opportunities for students.

Our goal in creating this new school will always be first and foremost about raising student achievement and having a school which is more conducive to learning than our current 100 plus year old facilities. With an outstanding professional development program aligned with standards based instruction an increase in student performance will occur.

Our request would be for \$500,000 by September 15, 2022 and another \$500,000 by September 15, 2023.

Additional Information: *Field not completed.*

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Nashwauk-Keewatin School District Facilities Plan and Collaborative History

Nashwauk-Keewatin must modernize its school buildings.

Nashwauk-Keewatin maintains two of the oldest school buildings in the entire state of Minnesota, and the oldest on the Iron Range. Built in 1922 and 1920 respectively, NK Elementary School and NK High School have both served the district well, but expert independent assessments have identified extensive shortcomings in both the infrastructure and educational adequacy of the buildings.

These assessments estimate that the cost to renovate Nashwauk-Keewatin's schools to fully meet state standards would cost between \$41 million and \$47 million.

NK ELEMENTARY



At NK Elementary, built in 1922, virtually all educational spaces are undersized and many are unable to accommodate modern educational technology. This severely restricts opportunities for student collaboration, and limits the resources available for educators.

Infrastructure needs at NK ELEMENTARY

- Upgraded heating, ventilation and air-conditioning (HVAC) systems. Current system is outdated and inefficient, leading to poor temperature control and diminished air quality.
- Removal of asbestos laden materials in ceilings and flooring.
- Exterior door and window replacement, for proper insulation and building security.
- Updates to ensure all areas meet ADA requirements for those with disabilities.
- Repairs to cracking exterior walls and walkways.
- Boiler replacement. Current boiler is inefficient and beyond its useful life.
- Upgraded electrical systems to improve energy efficiency and support modern classroom technology.

NK HIGH SCHOOL

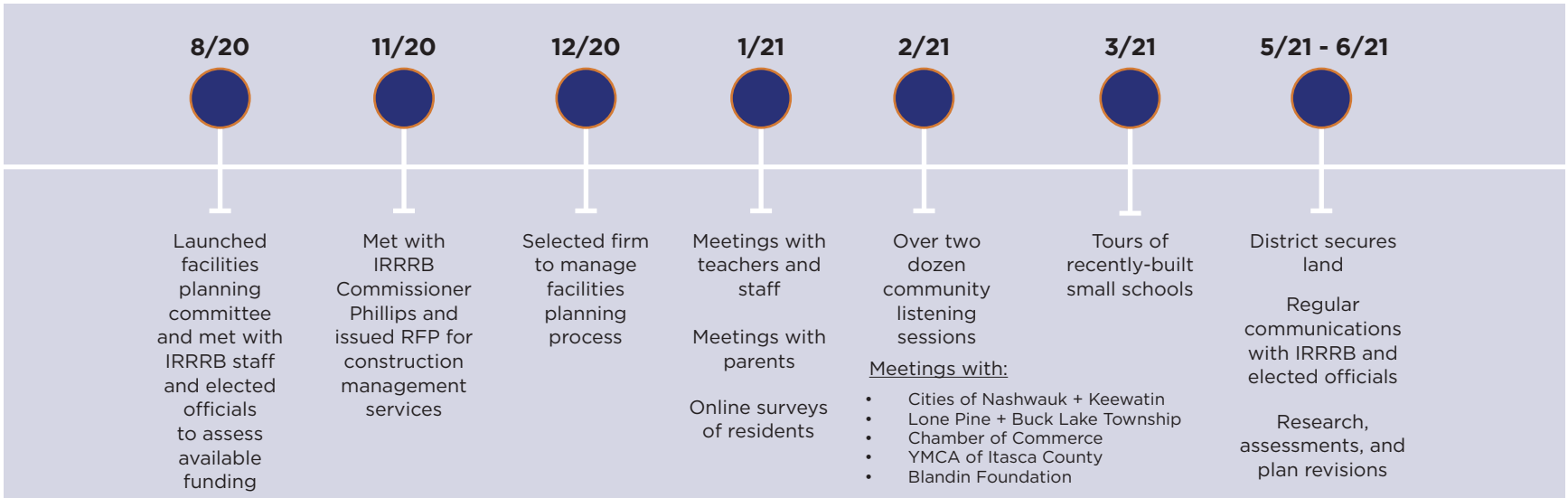


Like NK Elementary, nearly all of NK High School's learning spaces are undersized and built to 1920 standards. Other instructional spaces like the library, band room, choir room, art rooms, and weight room are either too small or do not support student or community use. The school does not even include a cafeteria. Students eat in the building's gymnasium stage area, limiting its availability for physical education classes to just a few hours each day.

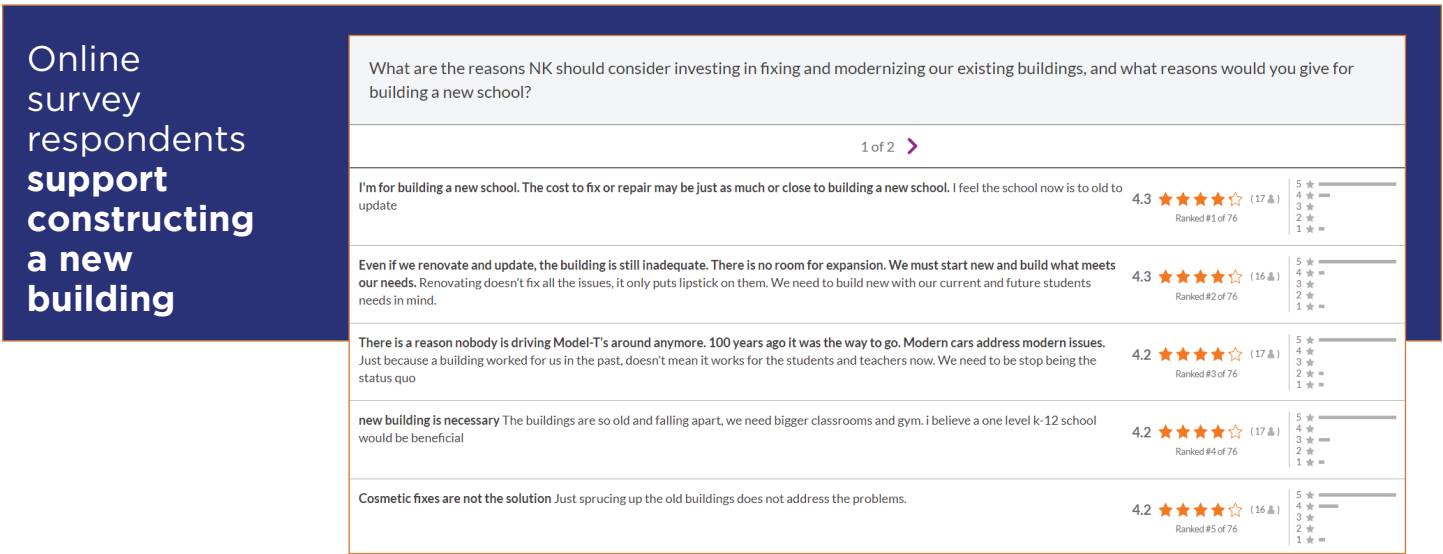
Infrastructure needs at NK HIGH SCHOOL

- Current roofing is beyond its useful life, posing the risk for exacerbated weather and water damage.
- Upgraded heating, ventilation and air-conditioning (HVAC) systems. Current system is outdated and inefficient, leading to poor temperature control and diminished air quality.
- Removal of asbestos laden materials in ceilings and flooring.
- Exterior door and window replacement, for proper insulation and building security.
- Updates to ensure all areas meet ADA requirements for those with disabilities including an elevator update.
- Parking lot repairs
- Repairs to leaking pipes and cracking exterior walls that have damaged the ceilings, walls and floors.
- Boiler replacement. Current boiler is inefficient and beyond its useful life.
- Upgraded electrical systems to improve energy efficiency and support modern classroom technology.

We are listening to our residents, community leaders, and partners.



NK has extensively engaged community members to determine the best plan for improvement. Over two dozen community meetings have been held to discuss the district’s facility needs with business and city leaders, and several online questionnaires were circulated to determine the communities’ priorities. Community response overwhelmingly supported investing in a new school building rather than renovating existing ones.



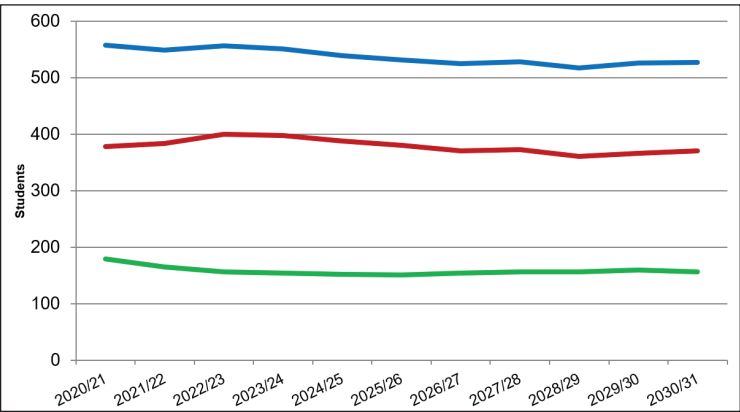
NK demographics holding steady

Nashwauk-Keewatin School district has experienced relatively stable enrollment over the past ten years.

K-12 enrollment is projected to decline by 5.8% by 2030 due to a decline in incoming students open-enrolling from Greenway, but NK resident student enrollment is projected to hold steady.

— Total — Resident — Non-Resident

ENROLLMENT PROJECTIONS TO 2030/2031



Collaboration and new investments will improve student education

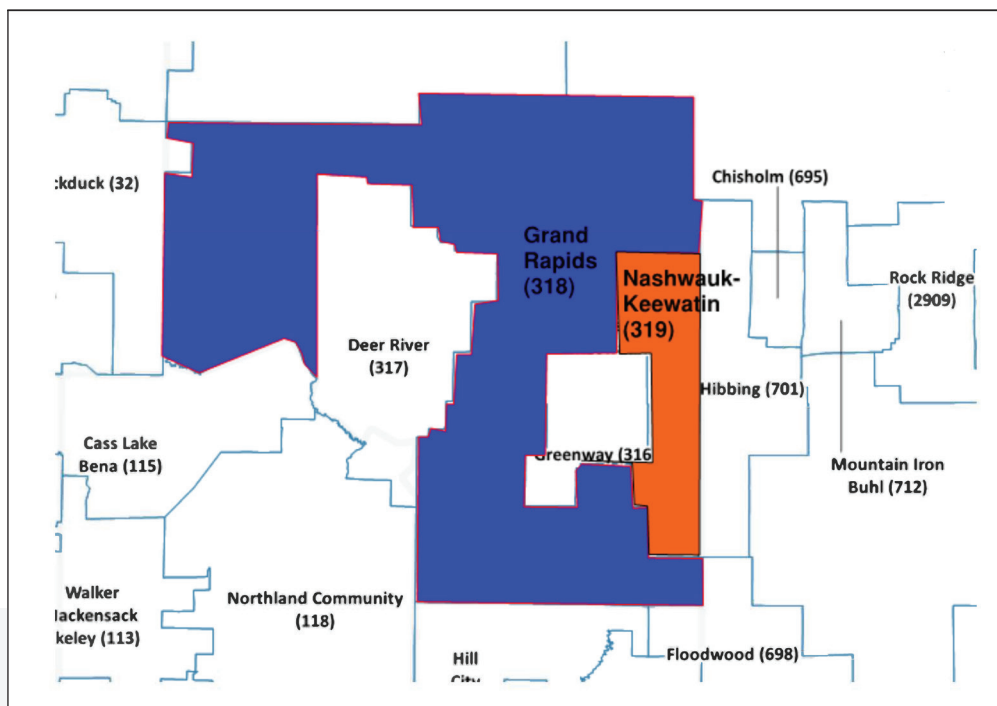
NK has always been a leader in collaborating with surrounding districts

Dating back to the consolidation of the Nashwauk Colts with the Keewatin Tigers in 1962, NK has been a leader in finding ways to maximize opportunities by sharing resources with other districts.

More recently, NK has partnered with neighboring schools in the following ways:



NK DISTRICT BOUNDARIES



Grand Rapids

NK has recently begun discussions with Grand Rapids to explore the paths toward broader collaboration and the pros and cons of consolidation.



- Shared athletics teams (e.g. football, golf, cross-country)
- Business Services shared with Greenway (2010-2012)
- Superintendent shared with Greenway (2010-2012)
- Our early childhood collaborative, Invest Early
- From 2016 to 2019, NK led discussions with Greenway to consider consolidation. Greenway eventually declined further participation.



- Superintendent shared with Deer River (2016-2020)
- Invest Early



- Technology and tech support for voice, network, database, internet, e-rate
- Telepresence: courses shared between all IASC schools and additional Range schools
- Career Pathways program
- Perkins shared through IASC
- Multi-district staff development
- Community Education - shared director, common catalog

Central Range School Collaborative

- NK initiated the Central Range Collaborative in 2019 after unsuccessful discussions with Greenway about consolidation. The Central Range Collaborative was a joint effort with Hibbing, Chisholm, St. Louis County Schools, Floodwood, and Hibbing Community College to find new ways to share resources with each other. Initial discussions demonstrated that a collaborative this size would not proceed, and the Collaborative disbanded in 2020.

the PLAN

Potential plans to address NK's facility needs

Due to the high cost of fully renovating both of the current school buildings, Nashwauk-Keewatin district leaders believe building a new building for the entire PK-12 grades would best serve the modern education needs of NK students. It would also be the best return on the investment of public dollars and would allow NK to find efficiencies by consolidating two existing buildings into a single new school.



the benefits of A NEW BUILDING



- 1 Improves and modernizes education, health, and safety for students and staff.
- 2 Better use of taxpayer funds than repairing 100-year old structures.
- 3 Allows NK to achieve efficiencies in consolidating two buildings into a single new school.

budget for the PLAN WITH DETAIL

SPARTAN STRONG

Strengthening Nashwauk-Keewatin Schools



Date Created 12/2/2020 Current Date 7/8/2021				SCOPE OUTLINE	
		NASHWAUK- KEEWATIN			
		Construction Costs			
Scope Item Description		BASE: PK-12 School	ADD 2: Community Space		
NEW K-12 FACILITY					
New Construction / Addition(s)					
New PK-12 Facility			\$29,412,720		
ADD: Tech. Center of Excellence					
ADD: Full Service Community School					\$6,220,800
Site Work					
Utilities / Parking / Stormwater / Site Restoration			\$2,750,000		
Playground (early childhood and elem)			\$325,000		
Demo existing Nashwauk and Keewatin School					
Additional parking					\$225,000
Athletics					
New Grass Field			\$300,000		
Other					
FF&E/ Technology			\$1,000,000		\$100,000
FF&E/ Technology					
FF&E/ Technology					\$400,000
Construction Costs Total			\$33,787,720		\$6,945,800
Inflation (2.5%)			\$844,693		\$173,645
Contingency (5%)			\$1,731,621		\$355,972
Total Construction with inflation and contingency			\$36,364,034		\$7,475,417
Project Soft Costs					
Design Fees (A/E plus Specialty) reimbursable included			\$2,909,123		\$598,033
CM Fees (and Program mgmt fees)			\$727,281		\$149,508
Site Services (reimbursable)			\$800,009		\$164,459
General Conditions (reimbursable)			\$523,642		\$107,646
Permits/testing			\$145,456		\$29,902
Commissioning			\$181,820		\$37,377
Project Soft Costs Total			\$5,287,330		\$1,086,926
Land Acquisition			\$1		\$0
PROJECT TOTALS			\$41,651,365		\$8,562,343
Less mining royalties & \$500KESSER			(\$1,500,000)		(\$3,000,000)
GRAND TOTALS			\$40,151,364		\$5,562,343

project MILESTONES

Nashwauk-Keewatin's project can be described as four major steps toward developing community consensus:

1

Community listening, needs assessment, and research

As explained above, the district has spent the last year gathering input from community members and researching all its options to address the challenges of its facilities. The school board has concluded that renovating two century-old structures would cost the same as building a single new facility.



2

Acquisition of an appropriate building site

The district has also cleared the second milestone thanks to the donation of a 42-acre plot of land located right between Nashwauk and Keewatin. **The site was generously donated to the district by the U.S. Steel Corporation.**



3

Securing an adequate financial commitment from IRRRB and other partners

NK Schools now needs the commitment of financial aid from state and local governments in order to present a responsible plan to voters. The district is working closely with the IRRRB, Itasca County, and others to make this project as affordable for the Nashwauk-Keewatin communities as new construction has been for other Iron Range districts.

4

Voter-approved facilities referendum

Once NK has secured financing commitments, the school board will submit its plan for approval by the Minnesota Department of Education. Once approved, the plan will be presented to voters in the Nashwauk-Keewatin School District as a bond referendum.



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Visit our referendum website at
www.NKspartanStrong.org

Questions? Contact Craig Menozzi
at cmenozzi@isd319.org
or 952-240-5379

From: noreply@civicplus.com
To: [Brett Skyles](#); [Gail Guck](#); [Amanda Schultz](#)
Subject: Online Form Submittal: American Rescue Plan (ARP) Request Form
Date: Tuesday, August 24, 2021 9:12:32 AM

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American Rescue Plan (ARP) Request Form

AMERICAN RESCUE PLAN (ARP) REQUEST FORM

Entity Name:	City of Nashwauk
Name of Contact:	April Kurtock
Address:	301 Central Avenue
City:	Nashwauk
State:	MN
Zip Code:	55769
Phone Number:	12188851210
E-mail Address:	akurtock@cityofnashwauk.com
Reason for Request:	Water & Sewer Infrastructure
Project Name:	2021 Storm Sewer / Water Main Improvements
Amount Requested:	100,000
Project Budget:	The total base bid for this project came in at \$619,000.
Additional Information:	Nashwauk ARP Request from Itasca County.pdf

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City of Nashwauk
Request for funding through Itasca County's American Rescue Plan program

Project: 2021 Storm Sewer / Water Main Improvements

Through the City's 5-Year comprehensive improvement plan, two projects were identified as priority projects: citywide storm sewer updates and water main improvements in the north Central Avenue alley.

In 2020, high rain falls in short time frames caused flooding and storm sewer backup on much of Fourth Street and other areas within the City. Many residents experienced backups in their basements. In high rains, Fourth Street is often overwhelmed, and the storm sewer system is unable to keep up with the flow, causing flooding of the street. Nashwauk's engineer estimated the project cost at \$335,000. A grant request was made to IRRRB for \$150,000.

The 2021 project also includes replacement of 1,200 feet of old and deteriorated water main in the alley north of Central Avenue. The water main was constructed over 50 years ago and has had numerous breaks and patch repairs over the years. Nashwauk's engineer estimated the project cost at \$210,000. A grant request was made to IRRRB for \$100,000.

Since both projects were not too large, the City/Nashwauk Public Utilities decided to bid them as one project. Bids were received on July 20, 2021.

The total bids came in higher than expected. Casper Construction was low bidder at \$619,000. Casper bid the storm sewer improvements at \$350,083; and the water main improvements at \$268,917.

Additionally, the IRRRB awarded much less than requested at \$100,000 toward the storm sewer project and \$40,000 toward the water main improvements.

The City of Nashwauk is respectfully requesting \$100,000 from Itasca County's American Rescue Plan program to offset the increased costs and decreased grant funding of the 2021 Improvements project.

IRRRB:	\$140,000
Itasca County:	\$100,000
Funded by City:	<u>\$379,000</u>
Total Project:	\$619,000

This project is scheduled to begin in fall of 2021.

Thank you kindly for your consideration.



CITY OF NASHWAUK

STORM SEWER IMPROVEMENTS

November 15, 2020

NORTH DITCH AREA

NO.	ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
2511	DITCH DREDGING	1,720	LIN. FT.	\$20.00	\$34,400.00
2511	RIPRAP	50	SQ. YD.	\$50.00	\$2,500.00
2575	SEEDING	0.5	ACRE	\$4,000.00	\$2,000.00
2575	HYDRAULIC SOIL STABILIZER, TYPE 5 HYDROMULCH	1,000	POUNDS	\$4.00	\$4,000.00

TOTAL PROBABLE CONSTRUCTION COST	\$42,900.00
CONTINGENCIES	\$4,290.00
LEGAL, FISCAL, AND ENGINEERING	\$7,722.00
TOTAL PROBABLE PROJECT COST	<u>\$54,912.00</u>

SAY	\$55,000
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EAST DITCH AREA

NO.	ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
2511	DITCH DREDGING	3,325	LIN. FT.	\$20.00	\$66,500.00
2511	RIPRAP	100	SQ. YD.	\$50.00	\$5,000.00
2575	SEEDING	1.4	ACRE	\$4,000.00	\$5,600.00
2575	HYDRAULIC SOIL STABILIZER, TYPE 5 HYDROMULCH	2,200	POUNDS	\$4.00	\$8,800.00

TOTAL PROBABLE CONSTRUCTION COST	\$85,900.00
CONTINGENCIES	\$8,590.00
LEGAL, FISCAL, AND ENGINEERING	\$15,462.00
TOTAL PROBABLE PROJECT COST	<u>\$109,952.00</u>

SAY	\$110,000
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CITY OF NASHWAUK



STORM SEWER IMPROVEMENTS

November 15, 2020

DEERING AVENUE (4TH STREET) TO DITCH

NO.	ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
2105	COMMON EXCAVATION	100	CU. YD.	\$9.00	\$900.00
2105	TOPSOIL BORROW	30	CU. YD.	\$35.00	\$1,050.00
2211	AGGREGATE BASE, CLASS 5 (CV)	200	CU. YD.	\$25.00	\$5,000.00
2503	24" STORM SEWER	300	LIN. FT.	\$70.00	\$21,000.00
2506	CATCH BASIN	1	EACH	\$2,500.00	\$2,500.00
2575	SEEDING	0.2	ACRE	\$4,000.00	\$800.00

TOTAL PROBABLE CONSTRUCTION COST	\$31,250.00
CONTINGENCIES	\$3,125.00
LEGAL, FISCAL, AND ENGINEERING	\$5,625.00
TOTAL PROBABLE PROJECT COST	\$40,000.00

SAY	\$40,000
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YORK AVENUE (3RD STREET) TO DITCH

NO.	ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
2105	COMMON EXCAVATION	100	CU. YD.	\$9.00	\$900.00
2105	TOPSOIL BORROW	30	CU. YD.	\$35.00	\$1,050.00
2211	AGGREGATE BASE, CLASS 5 (CV)	650	CU. YD.	\$25.00	\$16,250.00
2360	BITUMINOUS PAVING	400	TONS	\$70.00	\$28,000.00
2503	24" STORM SEWER	450	LIN. FT.	\$70.00	\$31,500.00
2506	CATCH BASIN	2	EACH	\$2,500.00	\$5,000.00
2575	SEEDING	1	ACRE	\$4,000.00	\$4,000.00

TOTAL PROBABLE CONSTRUCTION COST	\$86,700.00
CONTINGENCIES	\$8,670.00
LEGAL, FISCAL, AND ENGINEERING	\$15,606.00
TOTAL PROBABLE PROJECT COST	\$110,976.00

SAY	\$111,000
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PEARSON AVENUE (4TH STREET) TO ALLEY

NO.	ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
2105	COMMON EXCAVATION	90	CU. YD.	\$9.00	\$810.00
2105	TOPSOIL BORROW	30	CU. YD.	\$35.00	\$1,050.00
2211	AGGREGATE BASE, CLASS 5 (CV)	50	CU. YD.	\$25.00	\$1,250.00
2503	24" STORM SEWER	150	LIN. FT.	\$70.00	\$10,500.00
2575	SEEDING	0.5	ACRE	\$4,000.00	\$2,000.00

TOTAL PROBABLE CONSTRUCTION COST	\$15,610.00
CONTINGENCIES	\$1,561.00
LEGAL, FISCAL, AND ENGINEERING	\$2,809.80
TOTAL PROBABLE PROJECT COST	\$19,980.80

SAY	\$20,000
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PROJECT NARRATIVE

IRRB Grant App

1. Job Impact

The project includes storm sewer improvements to the City's main storm ditch that runs from north of Nashwauk along TH 65 southerly on the east side of the original Nashwauk Homesite and discharges to the south under the existing railroad tracks. The estimated project cost is \$335,000 and will create 2 FTE construction jobs.

2. Community Impact

The City of Nashwauk has a Capital Improvement Plan that has been updated annually to help manage capital improvement projects the City has. Attached is a copy of the City's Capital Improvement Plan highlighting the storm sewer improvement areas.

The City has identified a number of storm sewer projects that will provide a City wide storm water management plan. With the recent rain in 2020, the City's storm improvements have been a priority. Specific project areas are as follows:

North Ditch Area (Central Avenue to north TH 65)	\$ 55,000
East Ditch Area (Central Avenue to South RR Tracks)	\$110,000
Deering Avenue - 4 th Street to Ditch	\$ 40,000
Pearson Avenue – 4 th Street to Alley	\$ 20,000
York Avenue – 3 rd Street to Ditch	<u>\$110,000</u>
Total Project Cost	\$335,000

3. Leverage

The breakdown of the project funding is as follows:

City (local bonding)	\$185,000	55%
IRRB	<u>\$150,000</u>	45%
Total	\$335,000	100%

4. Project Readiness and Timelines

The project plans and specifications are 70% completed and the City may be receiving bids in March 2021. Based on the post bid costs, the City will finalize the local bonding for the local share. Construction will begin in May 2021 and will be completed in the fall of 2021.

5. Community Resourcefulness

The City is ready to start its joint wastewater treatment project with the City of Keewatin, but still needs to address other aging infrastructure in the City.

The project is a benefit to the entire City users by providing improvements to its existing storm water system.

The project is consistent with the City's Capital Improvements Plan to provide adequate and reliable infrastructure to the businesses and residents in the City.

6. Project Serves an Underserved Community

This item is not applicable for this project.



Engineering

CITY OF NASHWAUK

NORTH CENTRAL AVENUE ALLEY WATERMAIN

PROJECT NO. 16-317

July 31, 2020

PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST

NO.	ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
2104.503	REMOVE WATER MAIN	800	LIN. FT.	\$3.00	\$2,400.00
2104.503	REMOVE CURB AND GUTTER	150	LIN. FT.	\$3.00	\$450.00
2104.504	REMOVE BITUMINOUS PAVEMENT	2,200	SQ. YD.	\$4.00	\$8,800.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 10% (CV)	750	CU. YD.	\$27.00	\$20,250.00
2106.507	EXCAVATION - COMMON (P)	1,500	CU. YD.	\$12.00	\$18,000.00
2211.507	AGGREGATE BASE (CV) CLASS 5	550	CU. YD.	\$20.00	\$11,000.00
2360.509	TYPE SP 9.5 WEARING COURSE MIX (3, B)	400	TON	\$65.00	\$26,000.00
2504.602	CONNECT TO EXISTING WATER MAIN	2	EACH	\$850.00	\$1,700.00
2504.602	HYDRANT	2	EACH	\$4,500.00	\$9,000.00
2504.602	0.75" CORPORATION STOP	22	EACH	\$190.00	\$4,180.00
2504.602	6" GATE VALVE AND BOX	4	EACH	\$1,450.00	\$5,800.00
2504.603	3/4" TYPE K COPPER PIPE	600	LIN. FT.	\$37.00	\$22,200.00
2504.603	6" PVC WATER MAIN	800	LIN. FT.	\$42.00	\$33,600.00

TOTAL PROBABLE CONSTRUCTION COST

\$163,380.00

CONTINGENCIES

\$16,338.00

LEGAL, FISCAL, AND ENGINEERING

\$29,408.40

TOTAL PROBABLE PROJECT COST

\$209,126.40

SAY	\$210,000
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PROJECT NARRATIVE

IRRRB grant app

1. Job Creation

The project includes infrastructure reconstruction in the City so new permanent full-time or temporary jobs will be created. The total estimated project cost is \$210,000. Based on this, 2.0 FTE temporary construction jobs would be created.

In 2021 the City of Nashwauk and the East Itasca Joint Sewer Board (EIJSB) will be constructing the \$9.0 million Wastewater Treatment Improvement project. This water main is part of the City's overall water and sewer infrastructure project.

2. Community Impact

This project includes the replacement of 1,200 feet of old and deteriorated water main in the alley north of Central Avenue in the City of Nashwauk. The water main was constructed over 50 years ago and has had numerous breaks and patch repairs over the years. The City share of the project is \$210,000.

3. Leverage

The City's share of the project will be through a PFA drinking water revolving fund loan and local funds. The breakdown of the project funding is as follows:

City (PFA Loan)	\$110,000	52%
IRRRB	<u>\$100,000</u>	<u>48%</u>
Total	\$210,000	100%

4. Project Readiness and Timelines

The project plans and specifications are 90% complete and ready to receive bids in the fall of 2020. Construction would begin in June 2021 and completed in the July of 2021.

5. Community Resourcefulness

The project is a collaborative project with the Nashwauk Comprehensive Plan and the cooperative agreement identifies the roles and responsibility of each party.

The project is a benefit to both the entire City users by providing a new water main to support water looping and fire protection, plus the users of the main that are directly connected to.

The project is consistent with the City's comprehensive plan to provide adequate and reliable infrastructure to the businesses and residents in the City.

The City of Nashwauk has not received a community infrastructure grant in the past 2 years.

NOTICE OF AWARD

Date of Issuance: July 20, 2021

Owner: City of Nashwauk

Owner's Contract No.:

Engineer: JPJ Engineering, Inc.

Engineer's Project No.: 21-849

Project: 2021 Storm Sewer / Water Main
Improvements

Contract Name:

Bidder: Casper Construction, Inc.

Bidder's Address: 212 S.E. 10th Street, Grand Rapids, MN 55744

TO BIDDER:

You are notified that Owner has accepted your Bid dated July 20, 2021 for the above Contract, and that you are the Successful Bidder and are awarded a Contract for: 2021 Storm Sewer / Water Main Improvements.

The Contract Price of the awarded Contract is: \$619,000.00 for Total Base Bid – Parts 1 and 2.

3 unexecuted counterparts of the Agreement accompany this Notice of Award, and one copy of the Contract Documents accompanies this Notice of Award, or has been transmitted or made available to Bidder electronically.

☒ a set of the Drawings will be delivered separately from the other Contract Documents.

You must comply with the following conditions precedent within 15 days of the date of receipt of this Notice of Award:

1. Deliver to Owner 3 counterparts of the Agreement, fully executed by Bidder.
2. Deliver with the executed Agreement(s) the Contract security [*e.g., performance and payment bonds*] and insurance documentation as specified in the Instructions to Bidders and General Conditions, Articles 2 and 6.
3. Other conditions precedent (if any):

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within ten days after you comply with the above conditions, Owner will return to you one fully executed counterpart of the Agreement, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

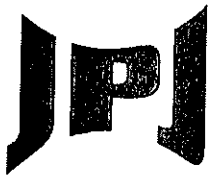
Owner: City of Nashwauk

Authorized Signature

By: *E. Milton Latvala*

Title: *Chairman*

Copy: Engineer



Engineering

Land Surveying

Site Development

July 21, 2021

Ms. April Kurtock, Clerk
City of Nashwauk
301 Central Avenue
Nashwauk, MN 55769

**Re: 2021 Storm Sewer / Water Main Improvements
Project No. 21-849**

Dear Ms. Kurtock:

On July 20, 2021, at 2:00 p.m., bids were received for the 2021 Storm Sewer / Water Main Improvements project. Five bids were received for the project, listed as follows:

Casper Construction, Inc.
212 S.E. 10th Street
Grand Rapids, MN 55744

Part 1 – Water Main Improvements	\$268,917.00
Part 2 – Storm Sewer Improvements	<u>\$350,083.00</u>
Total Base Bid – Parts 1 & 2	\$619,000.00

TNT Construction Group, LLC
40 County Road 63
Grand Rapids, MN 55744

Part 1 – Water Main Improvements	\$222,000.00
Part 2 – Storm Sewer Improvements	<u>\$426,000.00</u>
Total Base Bid – Parts 1 & 2	\$648,000.00

Utility Systems of America, Inc.
P.O. Box 706
Eveleth, MN 55734

Part 1 – Water Main Improvements	\$201,783.00
Part 2 – Storm Sewer Improvements	<u>\$470,242.00</u>
Total Base Bid – Parts 1 & 2	\$672,025.00

Ms. April Kurtock
July 21, 2021
Page 2

Ulland Bros, Inc.
P.O. Box 340
Cloquet, MN 55720

Part 1 – Water Main Improvements	\$245,252.00
Part 2 – Storm Sewer Improvements	<u>\$471,545.00</u>
Total Base Bid – Parts 1 & 2	\$716,797.00

Veit & Company, Inc.
14000 Veit Place
Rogers, MN 55734

Part 1 – Water Main Improvements	\$283,197.25
Part 2 – Storm Sewer Improvements	<u>\$578,961.20</u>
Total Base Bid – Parts 1 & 2	\$862,158.45

Casper Construction, Inc. was the low bidder on the project. We recommend if the project is awarded, that Casper Construction, Inc. be offered a contract for the City of Nashwauk, 2021 Storm Sewer / Water Main Improvements, Project No. 21-849, in the amount of \$619,000.00 for Total Base Bid - Parts 1 and 2.

Enclosed are two copies of the Tabulation of Bids. If you have any questions, please do not hesitate to contact our office.

Sincerely,

JPJ Engineering, Inc.



John P. Jamnick, P.E.

JPJ/dj

Enclosures

BID TABULATION

I HEREBY CERTIFY THAT THE FOLLOWING IS AN EXACT REPRODUCTION OF THE BIDS RECEIVED FOR THE FOLLOWING PROJECT:

OWNER: CITY OF NASHWAUK

PROJECT: 2021 STORM SEWER / WATER MAIN IMPROVEMENTS

PROJECT NO: 21-849

BID DATE: 20-Jul-21

BID TIME: 2:00 P.M.

Casper Construction, Inc.
212 S.E. 10th Street
Grand Rapids, MN 55744
(218) 326-9637

TNT Construction Group, LLC
40 County Road 63
Grand Rapids, MN 55744
(218) 326-4184

Utility Systems of America, Inc.
P.O. Box 706
Eveleth, MN 55734
(218) 744-4342

PART 1 - WATER MAIN IMPROVEMENTS

NO.	ITEM	UNIT	ESTIM. QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
2104	REMOVE CURB AND GUTTER	LIN. FT.	82	\$7.50	\$615.00	\$9.00	\$738.00	\$4.00	\$328.00
2104	REMOVE WATER MAIN	LIN. FT.	635	\$7.00	\$4,445.00	\$5.00	\$3,175.00	\$10.00	\$6,350.00
2104	REMOVE SANITARY SEWER	LIN. FT.	20	\$11.50	\$230.00	\$5.00	\$100.00	\$10.00	\$200.00
2104	REMOVE BITUMINOUS PAVEMENT	SQ. YD.	1,180	\$3.40	\$4,012.00	\$5.00	\$5,900.00	\$3.25	\$3,835.00
2104	REMOVE SIDEWALK	SQ. YD.	35	\$11.50	\$402.50	\$9.50	\$332.50	\$10.00	\$350.00
2104	REMOVE CONCRETE DRIVEWAY	SQ. YD.	120	\$13.50	\$1,620.00	\$11.00	\$1,320.00	\$12.00	\$1,440.00
2104	REMOVE GATE VALVE AND BOX	EACH	2	\$175.00	\$350.00	\$125.00	\$250.00	\$400.00	\$800.00
2105	COMMON EXCAVATION	CU. YD.	380	\$32.50	\$12,350.00	\$28.00	\$10,640.00	\$15.00	\$5,700.00
2112	GEOTEXTILE SEPARATION FABRIC TYPE 5	SQ. YD.	1,165	\$2.00	\$2,330.00	\$2.00	\$2,330.00	\$2.00	\$2,330.00
2211	AGGREGATE BASE, CLASS 5 (CV)	CU. YD.	280	\$45.00	\$12,600.00	\$65.00	\$18,200.00	\$31.00	\$8,680.00
2360	TYPE SP WEARING COURSE	TON	160	\$117.00	\$18,720.00	\$116.60	\$18,656.00	\$120.00	\$19,200.00
2360	GRANULAR FOUNDATION MATERIAL (L.V)	CU. YD.	130	\$117.00	\$15,210.00	\$116.60	\$15,158.00	\$120.00	\$15,600.00
2521	4" CONCRETE WALK	SQ. FT.	315	\$8.50	\$2,677.50	\$6.80	\$2,142.00	\$16.00	\$5,040.00
2531	CONC CURB AND GUTTER, DES B618	LIN. FT.	80	\$30.50	\$2,440.00	\$36.00	\$2,880.00	\$80.00	\$6,400.00
2531	6" CONCRETE DRIVEWAY PAVEMENT	SQ. YD.	90	\$65.50	\$5,895.00	\$63.00	\$5,670.00	\$130.00	\$11,700.00
2575	SEEDING	ACRE	1	\$1,900.00	\$1,900.00	\$5,098.50	\$5,098.50	\$2,100.00	\$2,100.00
2611	6" DIP WATER MAIN AND FITTINGS	LIN. FT.	650	\$185.00	\$120,250.00	\$137.00	\$89,050.00	\$114.00	\$74,100.00
2611	3/4" COPPER WATER SERVICE PIPE	LIN. FT.	80	\$69.00	\$5,520.00	\$112.00	\$8,960.00	\$52.00	\$4,160.00
2611	3/4" CURB STOP AND BOX	EACH	5	\$650.00	\$3,250.00	\$175.00	\$875.00	\$275.00	\$1,375.00
2611	6" GATE VALVE AND BOX	EACH	5	\$1,450.00	\$7,250.00	\$575.00	\$2,875.00	\$750.00	\$3,750.00
2611	CONNECT TO EXISTING WATER MAIN	EACH	5	\$2,800.00	\$14,000.00	\$2,275.00	\$11,375.00	\$3,000.00	\$15,000.00
2611	CONNECT TO EXISTING WATER SERVICE	EACH	4	\$5,100.00	\$20,400.00	\$2,150.00	\$8,600.00	\$1,500.00	\$6,000.00
2621	8" PVC SANITARY SEWER	LIN. FT.	20	\$1,200.00	\$24,000.00	\$275.00	\$5,500.00	\$435.00	\$8,700.00
2621	CONNECT TO EXISTING SAN SEWER	EACH	2	\$1,300.00	\$2,600.00	\$135.00	\$2,700.00	\$96.00	\$1,920.00
TOTAL BASE BID - PART 1 - WATER MAIN IMPROVEMENTS				\$1,300.00	\$268,917.00	\$550.00	\$1,100.00	\$1,000.00	\$201,783.00

PART 2 - STORM SEWER IMPROVEMENTS

NO.	ITEM	UNIT	ESTIM. QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
2101	CLEARING AND GRUBBING	ACRE	2.5	\$11,000.00	\$27,500.00	\$14,889.00	\$37,222.50	\$22,000.00	\$55,000.00
2104	REMOVE CURB AND GUTTER	LIN. FT.	30	\$8.50	\$255.00	\$12.00	\$360.00	\$4.00	\$120.00
2104	REMOVE PIPE CULVERT	LIN. FT.	96	\$23.00	\$2,208.00	\$14.50	\$1,392.00	\$10.00	\$960.00
2104	REMOVE STORM SEWER	LIN. FT.	255	\$23.00	\$5,865.00	\$13.00	\$3,315.00	\$8.00	\$2,040.00
2104	REMOVE BITUMINOUS PAVEMENT	SQ. YD.	732	\$6.00	\$4,392.00	\$6.00	\$4,392.00	\$4.00	\$2,928.00
2105	COMMON EXCAVATION	CU. YD.	420	\$32.50	\$13,650.00	\$24.00	\$10,080.00	\$15.00	\$6,300.00

PART 2 - STORM SEWER IMPROVEMENTS - (CONTINUED)										Casper Construction, Inc. 212 S.E. 10th Street Grand Rapids, MN 55744 (218) 326-9637				TNT Construction Group, LLC 40 County Road 63 Grand Rapids, MN 55744 (218) 326-4184				Utility Systems of America, Inc. P.O. Box 706 Eveleth, MN 55734 (218) 744-4342			
NO.	ITEM	UNIT	ESTIM. QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT										
2105	SELECT GRANULAR BORROW (CV)	CU. YD.	250	\$35.00	\$8,750.00	\$53.00	\$13,250.00	\$22.00	\$5,500.00												
2106	DITCH DREDGING	LIN. FT.	3,150	\$20.00	\$63,000.00	\$26.50	\$83,475.00	\$42.00	\$132,300.00												
2106	DITCH RELOCATION	LIN. FT.	350	\$70.00	\$24,500.00	\$65.00	\$22,750.00	\$80.00	\$28,000.00												
2112	GEOTEXTILE SEPARATION FABRIC	SQ. YD.	750	\$2.00	\$1,500.00	\$2.00	\$1,500.00	\$2.00	\$1,500.00												
2211	AGGREGATE BASE, CLASS 5 (CV)	CU. YD.	170	\$45.00	\$7,650.00	\$80.00	\$13,600.00	\$31.00	\$5,270.00												
2360	TYPE SP WEARING COURSE	TON	100	\$140.00	\$14,000.00	\$139.80	\$13,980.00	\$144.00	\$14,400.00												
2360	TYPE SP NON-WEARING COURSE	TON	100	\$140.00	\$14,000.00	\$139.80	\$13,980.00	\$144.00	\$14,400.00												
2501	60" RCP CULVERT	LIN. FT.	40	\$325.00	\$13,000.00	\$515.00	\$20,600.00	\$406.00	\$16,240.00												
2501	60" RCP APRON	EACH	2	\$3,800.00	\$7,600.00	\$4,700.00	\$9,400.00	\$3,500.00	\$7,000.00												
2501	30" RCP APRON	EACH	1	\$2,400.00	\$2,400.00	\$1,900.00	\$1,900.00	\$1,650.00	\$1,650.00												
2501	36" RCP APRON	EACH	4	\$2,200.00	\$8,800.00	\$2,900.00	\$11,600.00	\$2,200.00	\$8,800.00												
2501	18" RCP APRON	EACH	3	\$1,150.00	\$3,450.00	\$1,400.00	\$4,200.00	\$1,000.00	\$3,000.00												
2503	12" RCP STORM SEWER	LIN. FT.	84	\$60.00	\$5,040.00	\$90.00	\$7,560.00	\$90.00	\$7,560.00												
2503	15" RCP STORM SEWER	LIN. FT.	21	\$67.00	\$1,407.00	\$115.00	\$2,415.00	\$95.00	\$1,995.00												
2503	18" RCP STORM SEWER	LIN. FT.	64	\$133.00	\$8,512.00	\$100.00	\$6,400.00	\$111.00	\$7,104.00												
2503	24" RCP STORM SEWER	LIN. FT.	64	\$98.00	\$6,272.00	\$123.00	\$7,872.00	\$133.00	\$8,640.00												
2503	30" RCP STORM SEWER	LIN. FT.	82	\$130.00	\$10,660.00	\$172.00	\$14,104.00	\$170.00	\$13,940.00												
2503	36" RCP STORM SEWER	LIN. FT.	32	\$160.00	\$5,120.00	\$257.00	\$8,224.00	\$225.00	\$7,200.00												
2503	CONNECT TO EXISTING STORM SEWER	LIN. FT.	11	\$200.00	\$2,200.00	\$950.00	\$10,450.00	\$1,250.00	\$13,750.00												
2506	ADJUST FRAME & RING CASTINGS	EACH	2	\$350.00	\$700.00	\$650.00	\$1,300.00	\$400.00	\$800.00												
2506	CONSTRUCT STORM MANHOLE, DESIGN 4020-60	EACH	3	\$8,900.00	\$26,700.00	\$8,900.00	\$26,700.00	\$9,000.00	\$27,000.00												
2506	CONSTRUCT CATCH BASIN	EACH	5	\$3,800.00	\$19,000.00	\$4,550.00	\$22,750.00	\$5,100.00	\$25,500.00												
2511	RANDOM RIPRAP, CLASS 3	CU. YD.	39	\$80.00	\$3,120.00	\$100.00	\$3,900.00	\$75.00	\$2,925.00												
2511	RANDOM RIPRAP, CLASS 5	CU. YD.	86	\$86.00	\$7,396.00	\$100.00	\$8,600.00	\$120.00	\$10,320.00												
2573	SILT FENCE, HAND INSTALLED	LIN. FT.	300	\$5.50	\$1,650.00	\$4.50	\$1,350.00	\$6.00	\$1,800.00												
2573	STORM DRAIN INLET PROTECTION	EACH	10	\$150.00	\$1,500.00	\$150.00	\$1,500.00	\$400.00	\$4,000.00												
2573	CONSTRUCTION SITE EXIT CONTROLS	EACH	4	\$880.00	\$3,520.00	\$800.00	\$3,200.00	\$400.00	\$1,600.00												
2573	SEDIMENT CONTROL LOG - WOOD FIBER	LIN. FT.	200	\$5.50	\$1,100.00	\$6.00	\$1,200.00	\$6.00	\$1,200.00												
2573	DITCH CHECK - TYPE 5 - ROCK	EACH	8	\$150.00	\$1,200.00	\$375.00	\$3,000.00	\$250.00	\$2,000.00												
2573	CULVERT END CONTROLS	EACH	5	\$125.00	\$625.00	\$150.00	\$750.00	\$200.00	\$1,000.00												
2575	TEMPORARY MULCH	ACRE	3.5	\$1,200.00	\$4,200.00	\$1.00	\$3.50	\$1,400.00	\$4,900.00												
2575	SEEDING	ACRE	3.5	\$1,900.00	\$6,650.00	\$4,500.00	\$15,750.00	\$2,100.00	\$7,350.00												
2575	EROSION CONTROL BLANKETS (CAT. 3)	SQ. YD.	4,600	\$2.30	\$10,580.00	\$2.50	\$11,500.00	\$3.00	\$13,800.00												
TOTAL BASE BID - PART 2 - STORM SEWER IMPROVEMENTS					\$350,083.00	TOTAL BASE BID - PART 2 - STORM SEWER IMPROVEMENTS					\$426,000.00	\$470,242.00									

TOTAL BASE BID - PARTS 1 AND 2

\$619,000.00

\$648,000.00

\$672,025.00

BID BOND FURNISHED:	Yes	Yes	Yes
RESPONSIBLE CONTRACTOR CERTIFICATION	Yes	Yes	Yes
REMARKS:	None	None	None

PART 1 - WATER MAIN IMPROVEMENTS				Ulland Bros. Inc. P.O. Box 340 Cloquet, MN 55720 (218) 295-2830		Veit & Company, Inc. 14000 Veit Place Rogers, MN 55374 (763) 428-2242	
NO.	ITEM	UNIT	ESTIM. QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
2104	REMOVE CURB AND GUTTER	LIN. FT.	82	\$8.00	\$656.00	\$11.00	\$902.00
2104	REMOVE WATER MAIN	LIN. FT.	635	\$25.00	\$15,875.00	\$33.00	\$20,955.00
2104	REMOVE SANITARY SEWER	LIN. FT.	20	\$36.00	\$720.00	\$31.00	\$620.00
2104	REMOVE BITUMINOUS PAVEMENT	SQ. YD.	1,180	\$10.00	\$11,800.00	\$6.60	\$7,788.00
2104	REMOVE SIDEWALK	SQ. YD.	35	\$13.00	\$455.00	\$18.00	\$630.00
2104	REMOVE CONCRETE DRIVEWAY	SQ. YD.	120	\$13.00	\$1,560.00	\$14.50	\$1,740.00
2104	REMOVE GATE VALVE AND BOX	EACH	2	\$730.00	\$1,460.00	\$500.00	\$1,000.00
2105	COMMON EXCAVATION	CU. YD.	380	\$27.00	\$10,260.00	\$37.00	\$14,060.00
2112	GEOTEXTILE SEPARATION FABRIC TYPE 5	SQ. YD.	1,165	\$3.00	\$3,495.00	\$1.50	\$1,747.50
2211	AGGREGATE BASE, CLASS 5 (CV)	CU. YD.	280	\$57.00	\$15,960.00	\$45.00	\$12,600.00
2360	TYPE SP WEARING COURSE	TON	160	\$142.00	\$22,720.00	\$137.00	\$21,920.00
2360	TYPE SP NON-WEARING COURSE	TON	130	\$142.00	\$18,460.00	\$137.00	\$17,810.00
2451	GRANULAR FOUNDATION MATERIAL (LV)	CU. YD.	50	\$59.00	\$2,950.00	\$26.00	\$1,300.00
2521	4" CONCRETE WALK	SQ. FT.	315	\$16.00	\$5,040.00	\$20.65	\$6,504.75
2531	CONC CURB AND GUTTER, DES B618	LIN. FT.	80	\$62.00	\$4,960.00	\$105.50	\$8,440.00
2531	6" CONCRETE DRIVEWAY PAVEMENT	SQ. YD.	90	\$138.00	\$12,420.00	\$142.00	\$12,780.00
2575	SEEDING	ACRE	1	\$2,021.00	\$2,021.00	\$2,370.00	\$2,370.00
2611	6" DIP WATER MAIN AND FITTINGS	LIN. FT.	650	\$110.00	\$71,500.00	\$169.00	\$109,850.00
2611	3/4" COPPER WATER SERVICE PIPE	LIN. FT.	80	\$72.00	\$5,760.00	\$41.00	\$3,280.00
2611	3/4" CORPORATION STOP	EACH	5	\$540.00	\$2,700.00	\$300.00	\$1,500.00
2611	6" GATE VALVE AND BOX	EACH	5	\$676.00	\$3,380.00	\$430.00	\$2,150.00
2611	CONNECT TO EXISTING WATER MAIN	EACH	4	\$1,400.00	\$5,600.00	\$3,400.00	\$13,600.00
2611	CONNECT TO EXISTING WATER SERVICE	EACH	5	\$540.00	\$2,700.00	\$1,100.00	\$5,500.00
2621	8" PVC SANITARY SEWER	LIN. FT.	20	\$190.00	\$3,800.00	\$90.00	\$1,800.00
2621	CONNECT TO EXISTING SAN SEWER	EACH	2	\$2,000.00	\$4,000.00	\$1,050.00	\$2,100.00
TOTAL BASE BID - PART 1 - WATER MAIN IMPROVEMENTS					\$245,252.00	\$283,197.25	

PART 2 - STORM SEWER IMPROVEMENTS							
NO.	ITEM	UNIT	ESTIM. QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
2101	CLEARING AND GRUBBING	ACRE	2.5	\$20,000.00	\$50,000.00	\$15,500.00	\$38,750.00
2104	REMOVE CURB AND GUTTER	LIN. FT.	30	\$8.00	\$240.00	\$11.00	\$330.00
2104	REMOVE PIPE CULVERT	LIN. FT.	96	\$21.00	\$2,016.00	\$50.00	\$4,800.00
2104	REMOVE STORM SEWER	LIN. FT.	255	\$28.00	\$7,140.00	\$50.00	\$12,750.00
2104	REMOVE BITUMINOUS PAVEMENT	SQ. YD.	732	\$10.00	\$7,320.00	\$6.60	\$4,831.20
2104	REMOVE CATCH BASIN	EACH	1	\$925.00	\$925.00	\$1,000.00	\$1,000.00
2105	COMMON EXCAVATION	CU. YD.	420	\$37.00	\$15,540.00	\$37.00	\$15,540.00

PART 2 - STORM SEWER IMPROVEMENTS - (CONTINUED)					Ulland Bros, Inc. P.O. Box 340 Cloquet, MN 55720 (218) 295-2830		Veit & Company, Inc. 14000 Veit Place Rogers, MN 55374 (763) 428-2242	
NO.	ITEM	UNIT	ESTIM. QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
2105	SELECT GRANULAR BORROW (CV)	CU. YD.	250	\$52.00	\$13,000.00	\$35.00	\$8,750.00	
2106	DITCH DREDGING	LIN. FT.	3,150	\$28.50	\$89,775.00	\$61.00	\$192,150.00	
2106	DITCH RELOCATION	LIN. FT.	350	\$140.00	\$49,000.00	\$205.00	\$71,750.00	
2112	GEOTEXTILE SEPARATION FABRIC	SQ. YD.	750	\$3.00	\$2,250.00	\$1.50	\$1,125.00	
2211	AGGREGATE BASE, CLASS 5 (CV)	CU. YD.	170	\$57.00	\$9,690.00	\$45.00	\$7,650.00	
2360	TYPE SP WEARING COURSE	TON	100	\$142.00	\$14,200.00	\$118.00	\$11,800.00	
2501	60" RCP CULVERT	LIN. FT.	40	\$445.00	\$17,800.00	\$118.00	\$11,800.00	
2501	60" RCP APRON	EACH	2	\$3,880.00	\$7,760.00	\$4,800.00	\$9,600.00	
2501	30" RCP APRON	EACH	1	\$1,549.00	\$1,549.00	\$2,000.00	\$2,000.00	
2501	36" RCP APRON	EACH	4	\$2,120.00	\$8,480.00	\$3,100.00	\$12,400.00	
2501	18" RCP APRON	EACH	3	\$1,185.00	\$3,555.00	\$1,650.00	\$4,950.00	
2503	12" RCP STORM SEWER	LIN. FT.	84	\$89.00	\$7,476.00	\$90.00	\$7,560.00	
2503	15" RCP STORM SEWER	LIN. FT.	21	\$105.00	\$2,205.00	\$100.00	\$2,100.00	
2503	18" RCP STORM SEWER	LIN. FT.	64	\$118.00	\$7,552.00	\$110.00	\$7,040.00	
2503	24" RCP STORM SEWER	LIN. FT.	64	\$128.00	\$8,192.00	\$120.00	\$7,680.00	
2503	30" RCP STORM SEWER	LIN. FT.	82	\$166.00	\$13,612.00	\$155.00	\$12,710.00	
2503	36" RCP STORM SEWER	LIN. FT.	32	\$243.00	\$7,776.00	\$200.00	\$6,400.00	
2503	CONNECT TO EXISTING STORM SEWER	LIN. FT.	11	\$1,300.00	\$14,300.00	\$1,050.00	\$11,550.00	
2506	ADJUST FRAME & RING CASTINGS	EACH	2	\$850.00	\$1,700.00	\$1,050.00	\$2,100.00	
2506	CONSTRUCT STORM MANHOLE, DESIGN 4020-60	EACH	3	\$7,000.00	\$21,000.00	\$6,500.00	\$19,500.00	
2506	CONSTRUCT CATCH BASIN	EACH	5	\$3,140.00	\$15,700.00	\$3,300.00	\$16,500.00	
2511	RANDOM RIPRAP, CLASS 3	CU. YD.	39	\$123.00	\$4,797.00	\$100.00	\$3,900.00	
2511	RANDOM RIPRAP, CLASS 5	CU. YD.	86	\$130.00	\$11,180.00	\$110.00	\$9,460.00	
2573	SILT FENCE, HAND INSTALLED	LIN. FT.	300	\$6.00	\$1,800.00	\$6.50	\$1,950.00	
2573	STORM DRAIN INLET PROTECTION	EACH	10	\$265.00	\$2,650.00	\$210.00	\$2,100.00	
2573	CONSTRUCTION SITE EXIT CONTROLS	EACH	4	\$1,270.00	\$5,080.00	\$1,900.00	\$7,600.00	
2573	SEDIMENT CONTROL LOG - WOOD FIBER	LIN. FT.	200	\$5.50	\$1,100.00	\$6.50	\$1,300.00	
2573	DITCH CHECK - TYPE 5 - ROCK	EACH	8	\$800.00	\$6,400.00	\$525.00	\$4,200.00	
2573	CULVERT END CONTROLS	EACH	5	\$265.00	\$1,325.00	\$400.00	\$2,000.00	
2575	TEMPORARY MULCH	ACRE	3.5	\$1,300.00	\$4,550.00	\$1,400.00	\$4,900.00	
2575	SEEDING	ACRE	3.5	\$2,060.00	\$7,210.00	\$2,370.00	\$8,295.00	
2575	EROSION CONTROL BLANKETS (CAT. 3)	SQ. YD.	4,600	\$2.50	\$11,500.00	\$2.90	\$13,340.00	
TOTAL BASE BID - PART 2 - STORM SEWER IMPROVEMENTS					\$471,545.00		\$578,961.20	

TOTAL BASE BID - PARTS 1 AND 2

\$716,797.00

\$862,158.45

BID BOND FURNISHED:	Yes	Yes
RESPONSIBLE CONTRACTOR CERTIFICATION	Yes	Yes
REMARKS:	None	None



**ITASCA COUNTY
BOARD OF COMMISSIONERS**

Itasca County Courthouse
123 NE 4th Street
Grand Rapids, MN 55744

Tuesday, August 24, 2021

REQUEST FOR BOARD ACTION: RBA-2021-1748

DEPARTMENT: Administrative Services

TIME REQUESTED: 15 Minutes

PRESENTER: Brett Skyles

AGENDA ITEM:

County Requests for American Rescue Plan (ARP) Funding

BOARD ACTION REQUESTED:

Discuss internal requests for American Rescue Plan (ARP) funding.

BACKGROUND:

COUNTY ATTORNEY REVIEW: N/A

SUPPORTING DOCUMENTATION:

1. ARP County Lists
2. Public Health and Emergency Management ARP Requests
3. MIS ARP Requests
4. Assessor ARP Requests

RESULT:

INFORMATIONAL - NO ACTION TAKEN

County Requests - ARP

8/24/2021

	Estimated Cost Low	Estimated Cost High	ARP Eligible Cat
Message Boards: 1/EM & 1/PH	\$25,000	\$40,000	
Remaining Items Decon Trailer	\$5,000	\$6,000	
EOC IT	\$15,000	\$20,000	
Mobile Command Center	\$175,000	\$450,000	
Wellness Court	\$50,000	\$150,000	
Court Process Review	\$15,000	\$25,000	
Increased EM Trainings	\$10,000	\$15,000	
CH Server and Backup IT	\$60,000	\$100,000	
Pictometry	\$400,000	\$800,000	
Lost Revenue			
EOC HVAC	\$112,000	\$125,000	
MIS - Unwarranted Equip Replacement	\$40,000	\$75,000	
MIS - Security Software (Tenable)	\$57,000	\$130,000	
PPE			
Total	\$964,000	\$1,936,000	

Itasca County Public Health

Itasca County Emergency Management

American Rescue Plan Requests

Kelly Chandler

John Linder

Mark Lallak

Message Boards

Notify the public of events in the area.

- Vaccines/flu clinics
- Emergencies.
- Sheriff's Department would have the option of a built-in speed radar.
- Other Examples.....

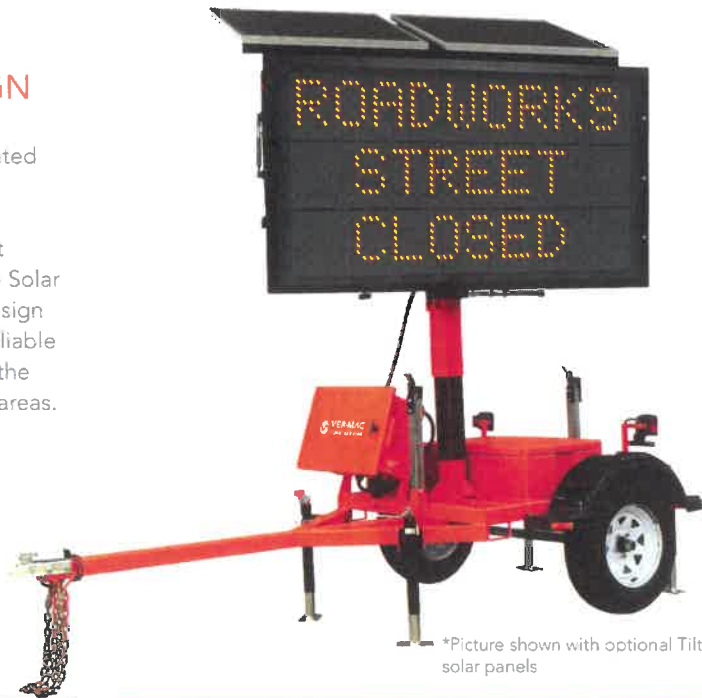
I have been monitoring the MN Bid auction site.

See attached documents for 2 examples.



→ PCMS-548 TRAILER-MOUNTED MESSAGE SIGN

Ver-Mac's PCMS-548 is a mini full-matrix trailer-mounted portable changeable message sign. It features the NTCIP-compliant V-Touch Controller, V-Sync Wi-Fi Communication, Stealth Technology, JamLogic Fleet Management Software, and optional Tilt-and-Rotate Solar Panels. The PCMS-548 combines energy-efficient design and high-quality construction to provide the most reliable and cost-effective message sign on the market. It is the perfect model for lower speed roadways and urban areas.



*Picture shown with optional Tilt & Rotate solar panels

V-TOUCH CONTROLLER



4 WAYS TO CHANGE A MESSAGE



AT THE SIGN

Using our V-Touch Controller



NEAR THE SIGN

Using our V-SYNC Wi-Fi



REMOTELY

Using JamLogic on your PC or Laptop



REMOTELY

Using JamLogic Web on your Smartphone or Tablet



JAMLOGIC® FLEET MANAGEMENT SOFTWARE

The PCMS-548 is equipped with Ver-Mac's high-speed modem with GPS which maximizes your productivity, efficiency and profitability all remotely from your office or home! The JamLogic software is FREE and you get all the updates at no charge!

- Monitor, maintain and manage your signs from any PC, laptop, tablet or smartphone
- View your equipment in a list and GPS map view
- Change a message on one or more signs simultaneously with a simple click
- View your messages and battery voltages
- Group your signs in folders (by customer, location, project you choose!)
- Receive e-mail or text alerts – optional (low battery cellular failure, etc.)

APPLICATIONS

- City and County (urban areas)
- School zones
- Special events

DISPLAY

- Display panel: 45 x 80 in. (1146 x 2027 mm)
- Full matrix of 30 x 56 pixels
- 2 LEDs per pixel
- 5 x 7 pixels (8.75 in.) characters (default)
- 3 lines of 9 characters per line (default 5x7 font)
- Up to 3 lines of 12 characters per line (3 x 7 font)
- Display sign rotates 360 degrees for perfect setting
- Plug-and-play display modules for simplified maintenance

WARRANTY

- 1 year on complete trailer
- 2 years on electronic components manufactured by Ver-Mac

DIMENSIONS AND WEIGHTS

- Overall length: 131 in. (3338 mm)
- Overall width: 71 in. (1791 mm)
- Traveling height: 94 in. (2393 mm)
- Operating height: 164 in. (4162 mm)
- Weight (approx.): 570 kg (1255 lb.)
- Axle/suspension: 909 kg (2000 lb.)

POWER SUPPLY CONFIGURATION

SOLAR PANELS

Provide maximum solar recharging during all four seasons

- Designed to run 12 months in most regions without manual charging
- Various configurations of solar panels and batteries are available to meet your needs

HIGH-QUALITY CONSTRUCTION

POWDER COATING SUPERIOR FINISH

Impact, humidity, salt spray and rust resistant

4 LEVELING JACKS

For stabilization and easy transportation

ELECTRO-HYDRAULIC LIFT MECHANISM

For a quick and effortless deployment

HEAVY-DUTY PLASTIC FENDERS

For durability and easy replacement

PLASTIC BATTERY BOX

To minimize battery corrosion

LOCKABLE CONTROL BOX

For security

2-IN. (51 MM) COUPLER OR 3-IN. (76 MM) PINTLE EYE

For easy towing

STEALTH TECHNOLOGY

Ver-Mac's innovative Stealth Technology design will help you significantly reduce your battery maintenance and repair costs. This technology combines two great innovations:



CLEVERLY HIDDEN BATTERY COMPARTMENT
Deter thieves from stealing batteries



LONG-LASTING SEALED BATTERIES
No maintenance required





Street Smart

SALES · RENTALS · SERVICE

Sales Quote

7526 4th Ave
Lino Lakes, MN, 55014

Representative: Adam Berg
Phone: +1 7157974881
Email: aberg@streetsmartrental.com

Account	Itasca County
Quote #	222238
Terms	Net 30
Date	July 29, 2020

Billing Address

24650 County Rd 76
Grand Rapids, MN, 55744

Shipping Address

24650 County Rd 76
Grand Rapids, MN, 55744

Item Name	Part Number / Description	Qty	Unit Price	Total
Mini-Size Full Matrix Changeable Message Sign	PCMS-548/HYD	1	\$14,797.00	\$14,797.00
Houston Radar	OPT-MS-Radar	1	\$1,730.00	\$1,730.00
PMCS-548/4880 Maintenance Free Battery Upgrade	OPT-MS-Maintenance Free	1	\$874.00	\$874.00
15-Amp Charger for Stealth Batteries	OPT-MS-STEALTH CHARGER	1	\$291.00	\$291.00
Tongue Wheel Jack 548/320	OPT-MS-TWJ	1	\$175.00	\$175.00
Mileage Charge	Delivery Charge Per Mile	1	\$180.00	\$180.00
			Subtotal	\$18,047.00
			Tax	\$0.00
			Total	\$18,047.00

Pricing provided on this quote is valid for up to 30 days after the printed date

Notes and Comments

** This and all of our equipment can be purchased directly off of our MN state equipment contract #168894, Release Number A-210(5)

Terms and Conditions

To accept this quote and terms outlined above, sign and date, and return.

Customer Signature:

Print Name:

Date:

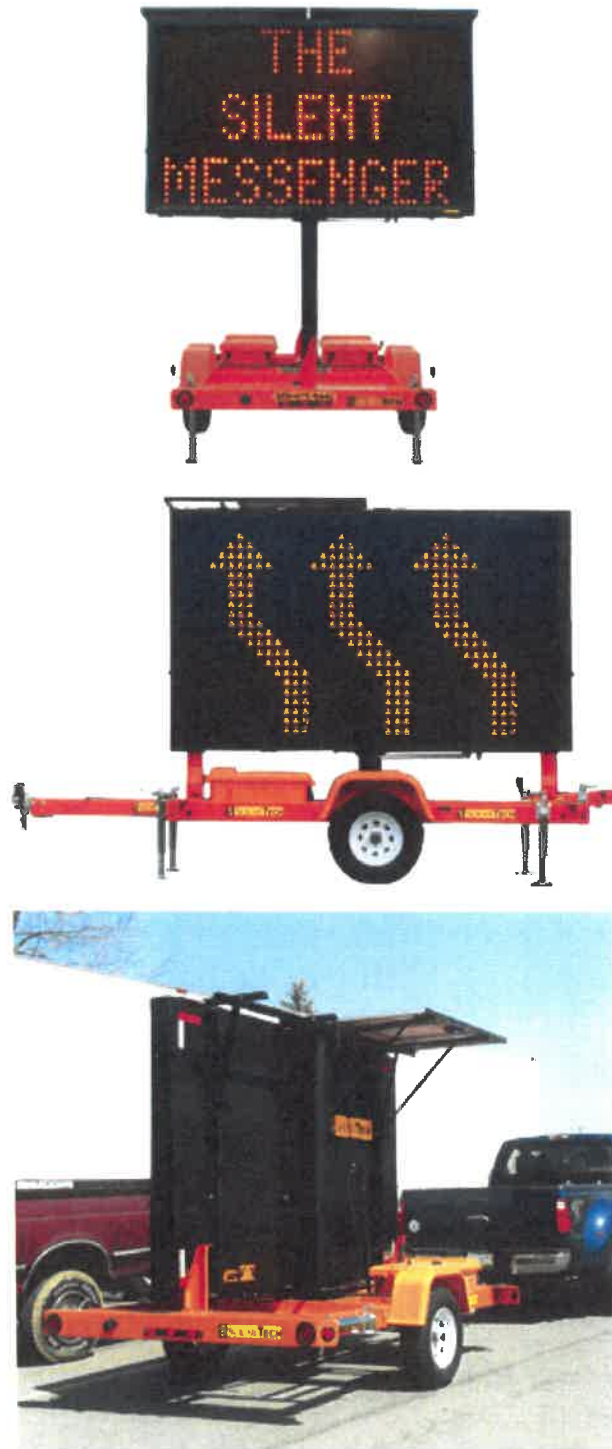
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If you have any questions, please give us a call at 888-653-6800

Find us online at www.streetsmartrental.com

Thank you for your business!

Silent Messenger Full-Sized Message Board



ABOVE: FULL-SIZE MB FOLDED FOR TRANSPORT



CameraOption (<https://solartechnology.com/wp-content/uploads/CameraOption-1.pdf>) for Full Size Message Board

Details

Panel Size	126" x 76" (320 cm x 193 cm) – 27 x 48 pixels 2.6 in. (6.6 cm) pitch
Solar Array	160 watts
Batteries	Four (4) 6-volt heavy-duty, deep-cycle (Gel-Cell 2)
Height (transporting position)	103" (261cm)
Height (operating position)	162" (412cm)
Weight	2,400 lbs. (min) – 2,960 lbs. (max)
Warranty	5 Year

Available Options and Upgrades

Display Panel	High-Definition 30 x 56 pixels 2.3 in. (5.8 cm) pitch
Remote Communications	Talk to your Board! Remote access, GPS tracking, and FREE lifetime cellular service.
Brakes	Hydraulic Surge (5,000 lb. capacity) or Electric
AGM or Gel-Cell Maintenance Free Batteries	Six (6), eight (8), ten (10) or twelve (12) Lead-Acid (flooded) or four (4), six (6), eight (8), ten (10) or twelve (12) Gel-Cell maintenance-free

Battery Charger	45 or 90 amp output (115 VAC 50/60 Hz input), or 45 or 55 amp output (230 VAC 50 Hz input)
Battery Security	Anti-theft steel battery frame bolted to trailer. Vandal-proof battery box reinforced steel cage.
Solar Array	240, 320, 400 or 480 watt fixed. 160, 240, or 320 watt Tilt and Rotate
Radar Speed Detection	MPH or KPH

Traffic Safety

Work Zone ITS

Fleet Management

Downloads (<https://solartechnology.com/product-support/software-upgrades/>)

Literature and Product Information

Message Board Full Size Literature (<https://solartechnology.com/wp-content/uploads/MB-FullSize-2021.pdf>)

Silent Messenger Procurement Specifications (<https://solartechnology.com/wp-content/uploads/Silent-Messenger-Procurement-Specifications-2.pdf>)

Character Size & Legibility (<https://solartechnology.com/wp-content/uploads/MB-Character-Size-Height-chart.pdf>)

Full Matrix Advantage (<https://solartechnology.com/wp-content/uploads/WhyFullMatrix-Literature-2015.pdf>)

Wind-Load-Analysis (<https://solartechnology.com/wp-content/uploads/Wind-Load-Analysis.pdf>)

NTCIP Compliance Documentation (<https://solartechnology.com/wp-content/uploads/NTCIP-Compliance-Testing-Results-V2-Trevilon.pdf>)

Options & Upgrades

Vandal Proof Battery Box (<https://solartechnology.com/wp-content/uploads/VandalProofBatBox2013.pdf>)

Product Support

Full Size MB Operations and Maintenance Manual (<https://solartechnology.com/wp-content/uploads/Operation-Maintenance-Manual-Silent-Messenger.pdf>)

Message Board Quick Reference Guide (<https://solartechnology.com/wp-content/uploads/Message-Board-UserGuide-2018.pdf>)

Radar Specifications (<https://solartechnology.com/wp-content/uploads/Silent-Messenger-Radar-Specifications.pdf>)



(<https://www.facebook.com/pages/Solar-Technology-Inc/159965520693124>)



(<http://www.youtube.com/user/solartech7620>) (<http://www.linkedin.com/company/2238847>)



GS 07F-5946P

(<https://www.gsaadvantage.gov/advantage/s/search.do?q=0:2gs-07F-5946P&db=0&searchType=1>)

Call us at 610-391-8600

[How To Buy](https://solartechnology.com/how-to-buy/) (<https://solartechnology.com/how-to-buy/>) | [Site Map](https://solartechnology.com/site-map/) (<https://solartechnology.com/site-map/>) |

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7620 Cetronia Rd, Allentown, PA 18106

Solar-Powered Innovation Since 1990

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Decontamination Trailer

These trailers were purchased by MN Department of Public Safety/HSEM. These trailers were spread across the state as an asset for response to assist for decontamination of public safety personnel after an incident. They can also be used as a public showering unit due to municipal infrastructure failure. This is a county resource.

We developed a plan during the height of COVID-19 pandemic for public safety to decon after an exposure.

Request for Loose Equipment for decon trailer:

Fire Hose*

Couplings*

Hydrant wrench*

Gray water bladder: \$700 - \$1,000 (depending on capacity)

Ground Cover: \$125.00 - \$150.00

Cam Lock connection and hose for Gray water discharge: \$75.00 - \$100.00

*These Items have already
been purchased: \$675.17



EOC I.T. Requests



Jabra 710 Portable Wireless Speaker

Price: \$218.32



Small Form Computer and mount:

Lenovo small form computer

Price: \$947.00 each

Requested: 2

Lenovo Small Form Computer Mount

Price: \$15.29 each

Requested: 2



Mobile Vaccine/EOC Command Vehicle



Mobile Vaccine (Flu/COVID) Trailer / Mobile Blood Pressure Trailer:

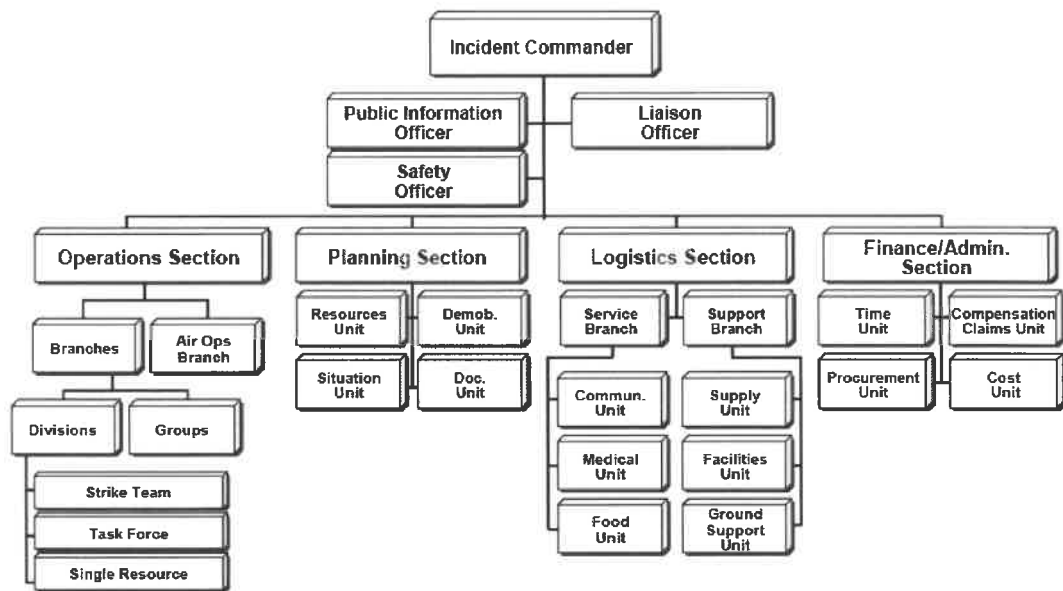
Public Health had numerous Vaccine Clinics both at IRC and at pop up locations. Looking at the numbers, when they had the pop-up clinics, they were better attended by the public. Visiting businesses.

Preplanning and securing the proper location for the pop-up clinic.

Mobile Vaccine (Flu/COVID) / Mobile Blood Pressure Van:



EMERGENCY MANAGEMENT TRAINING / ITASCA COUNTY INCIDENT MANAGEMENT TEAM



Airport HVAC/Boiler System

Our current HVAC and boiler system are the original system from when the airport was constructed.

When the airport was constructed, the building solely served the purpose for air traffic. Over the years and as the other groups and now with the Sheriff's Office Dispatch, Emergency Management Divisions and Family Center having moved in, the layout has changed. Walls and offices have been installed. The original HVAC system struggles to keep the rooms at temperature through the changing seasons. We have had Honeywell try to make adjustments to the system, but with the age of the system and the layout changes, they are running out of options and now are having difficulty finding parts.

The Boiler system is also old and outdated. It runs at about a 75% efficiency rate. This winter we were running on 1 of 2 heat pumps and staff and guests during a hosted training had to wear jackets during the weeklong training.



Personal Protective Equipment

We are currently sitting pretty good with PPE in the EOC with 2 exceptions:

Gloves and Disinfectant Cleaning Supplies.

We have a very limited supply of both items in the EOC. Used for County requests above what building Maintenance would use for daily cleaning.

Glove Costs:

\$15.00 -\$20.00 per box of 100.



Disinfectant cleaning supplies:

\$25.00 - \$100 depending on bulk size of containers (3 pack – 18 pack).





MIS ARP Funding Request

August 2021

Prepared by: Chris Gunderson

I. Reimbursement for Replacement of Out-of-Warranty Equipment

Amount Requested: \$50,000

As of August 2021, MIS has spent approximately \$27,000 to replace failed equipment which was out of warranty. This amount includes replacement of several laptops and Mitel phones as well as replacement of the Philips Voice Recorders for the Attorneys and Sheriff's Departments which were forced by software updates.

II. Hardened Disaster Recovery (DR) Site:

Amount Requested: \$100,000

- Current estimates from Cybersecurity experts estimate that every 11 seconds an organization somewhere is being hit by ransomware attacks.
- Ransomware as an industry is expected to top \$20 BILLION globally by the end of 2021.
- While many insurance firms will advise their clients to pay ransoms rather than try to recover, those ransom dollars are now going to fund things like human trafficking and terrorism.
- Best practice is to create a hardened disaster recovery site which is encrypted and physically separated from the main network infrastructure.
- \$60,000 for the necessary server infrastructure to build the DR site
- Up to \$40,000 to enhance network infrastructure between the courthouse and the DR site to optimize speed for data transfer.

III. Tenable Security Software Suite

Amount Requested: \$57,000 – 1 year option; \$151,000 – 3 year option

Tenable is a software suite that allows us to perform internal vulnerability scanning of our network to meet requirements from various sources including IRS-1075, CJIS, and Election Security. The software suite also includes tools which will make it much easier for MIS staff to monitor the network for signs of malicious activity and respond to such activity more quickly.

IV. VMWare

Amount Requested: Approximately \$40,000 (Rough Order of Magnitude)

The most recent system outage last week was essentially a repeat of an outage back in March which was caused by Microsoft's embedded Hyper-V virtualization software not reacting well to an update Microsoft pushed out. Microsoft was unable to give us relevant technical support.

- VMWare is the industry standard solution for server virtualization.
- VMWare is specialized in virtualization technology as opposed to Microsoft who added their Hyper-V platform essentially as an afterthought to compete with VMWare.
- Our backup software is specifically designed to work with VMWare
- In the future it will likely be easier to find candidates with extensive VMWare experience rather than Hyper-V experience.

V. Totals

- a. CIP funds remaining from last cycle: ~\$50,000
- b. MIS reimbursements/projects: \$247,000 - \$341,000
- c. Total ARP request: \$197,000 - \$291,000

Proposal for: Itasca County, MN
Project Name: MNITAS2021-Imagery with BOC and CF
Quote Number: Q-78089
Contract Term: 6 Year(s)
Number of Projects: 2

EagleView Rep: Dean Larson
Phone Number: 612-201-1846
Email: dean.larson@eagleview.com
Expiration Date: 7/2/2021
Targeted Capture: 2022-b-Spring

Multi-Project Summary

2 Projects over 6 year(s)

Project 1 Total: \$389,566.69

Annual Payments: \$129,855.56

Project 2 Total: \$391,172.55

Annual Payments: \$130,390.85



This quote is non-binding, creates no legal rights, duties or obligations, expressed or implied, on either party, and shall become binding only in the event that Pictometry and Customer enter into a definitive agreement incorporating it. The pricing quoted above does not reflect applicable taxes, which will be reflected in any resulting definitive agreement with Customer. This quote is valid until the date shown above, after which it expires. All Discounts are approximate.



Budget Proposal

Proposal for: Itasca County, MN
Project Name: MNITAS2021-Imagery with BOC and CF
Contract Term: 6 Year(s)
Number of Projects: 2

EagleView Rep: Dean Larson
Expiration Date: 7/2/2021
Targeted Capture: 2022-b-Spring

Project 1

Qty	Product	List Price	Discount (%)	Subtotal
2976	Reveal Essentials+ Neighborhood	\$160.00	25	\$357,120.00
3	Pictometry Connect - CA - 50	\$2,200.00	25	\$4,950.00
1	RapidAccess - Disaster Response Program	\$0.00		\$0.00
1	Oblique Imagery Bundle w/Three (3)Yrs of EFS Maint & Support	\$0.00		\$0.00
1	Pictometry Connect - EarlyAccess	\$10,000.00	100	\$0.00
80293	Building Outline Creation; Digital Parcel File Provided	\$0.33		\$26,496.69
1	ChangeFinder - Project Fee	\$1,000.00		\$1,000.00
Project 1 TOTAL:				\$389,566.69

Project 2

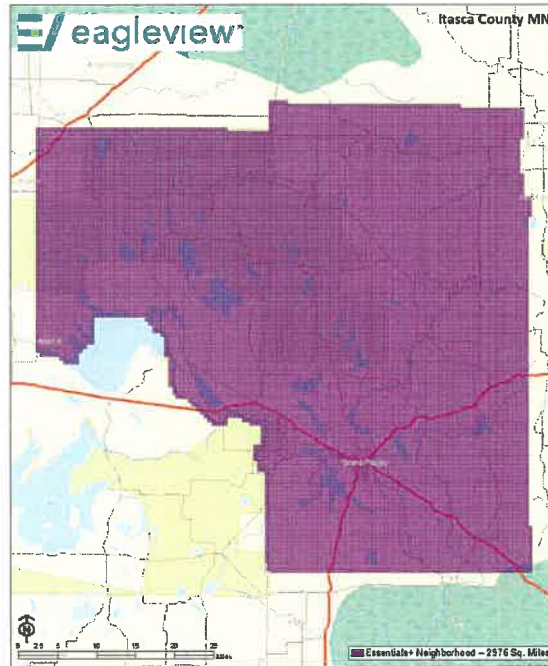
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1	Pictometry Connect - EarlyAccess	\$10,000.00	100	\$0.00
80293	ChangeFinder - Change Detection; Digital Parcel File Provided	\$0.35		\$28,102.55
1	ChangeFinder - Project Fee	\$1,000.00		\$1,000.00
1	Pictometry CONNECTAssessment	\$5,000.00	100	\$0.00
Project 2 TOTAL:				\$391,172.55

TOTAL: \$780,739.24

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Proposal for: Itasca County, MN
Project Name: MNITAS2021-Imagery with BOC and CF
Contract Term: 6 Year(s)
Number of Projects: 2

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Expiration Date: 7/2/2021
Targeted Capture: 2022-b-Spring



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EagleView® ChangeFinder™

PRODUCT GUIDE

ChangeFinder — Change Detection and Building Outline Products

ChangeFinder — Change Detection and Building Outlines; Digital Parcel File Provided

ChangeFinder — Change Detection and Building Outlines using Orthomosaic Imagery; Digital Parcel File Provided

ChangeFinder — Change Detection and Building Outlines; Digital Parcel File NOT Available

ChangeFinder — Change Detection and Building Outlines using Orthomosaic Imagery; Digital Parcel File NOT Available



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855.984.6590

The Change Detection and Building Outline products identify structures with probable changes that might otherwise go undetected. By comparing a newer EagleView imagery source to an older imagery source, potential changes are identified and categorized for further review. These products are appropriate for customers not already having suitable quality digital building outlines available for use.

Using newer EagleView imagery, a polygon shape corresponding to the visible edges of a structure's roof is created for each qualifying structure in the coverage area. Each shape is classified in comparison to an older imagery source and assigned a change status of "new", "changed", "demolished", "existing" or "unknown." The results are assembled into a "candidate" file and provided in geodatabase and shapefile formats suitable for analysis using EagleView CONNECT Assessment or GIS applications. When a digital parcel file is supplied, each shape is linked to a parcel to facilitate the analysis.

Qualifying Structures

When visible, the following types of structures measuring at least 150 sq. feet (14 sq. meters) and at least five pixels wide (based on 12" (30 cm) or better GSD imagery) are included:

- Residential, commercial and industrial buildings
- Attached decks or porches that have a roof or railing or that are visibly raised (*The customer must select whether to have decks marked with an individual point or be included within the outline of the attached building.*)
- Isolated garages, mobile homes, sheds
- Greenhouses
- Grain silos and oil storage tanks
- Buildings under construction that at least have walls
- Trailer boxes with windows or doors (*construction field offices*)
- Other features with a roof

The following structures are **NOT** included:

- Vehicles, boats, ships
- Docks
- Paved areas, including patios without a railing or wall
- Bare ground surrounded by a fence or wall
- Steel tower/frames, antenna, cell phone towers

- Changes in the vertical direction (e.g. *a one-story building that is renovated to a two-story building*)
- Billboards
- Tombstones
- Water towers
- Temporary tents
- Trailer boxes without windows or doors (*storage containers*)
- Structures or components not visible or unrecognizable for any reason, including image resolution, image quality, mosaic image seam line artifacts, shadows or obstructions.
- Swimming pools (*unless PoolFinder is purchased with the project*)

Customer Provides

Digital Parcel File or Boundary File (*specifying the coverage area*)

- When available, the customer must provide a complete and generally contiguous Parcel File in polygon shapefile format to specify the coverage area.
 - Customer is responsible for editing the parcel file to remove rights of way, bodies of water, roadways and very large unpopulated sections prior to submitting it for processing.
 - While it is permissible to exclude the above items from the parcel file, the resulting area must consist of generally contiguous parcels. Disjointed parcel sets are not acceptable.
 - The customer must specify which field in the file is to be used as the unique parcel identifier. This field is used to link each shape in the delivery data set to a parcel.
 - The coordinate system of the parcel file defines the projection of the final deliverable shapefiles.
- When a Digital Parcel File is unavailable or incomplete, the customer must provide a Boundary File in polygon shapefile format that identifies the boundary of the coverage area for the project.
 - The boundary file must be accompanied by proof of the total count of parcels from the tax roll corresponding to the identified project area.
 - The coordinate system of the boundary file defines the projection of the final deliverable shapefiles.

Orthogonal Imagery

- One set of EagleView-produced orthogonal images licensed or owned by the customer for a newer time frame.
- One set of EagleView-approved orthogonal images licensed or owned by the customer for an older time frame.
- Based upon the product selected, either EagleView orthomosaic tiles or individual frame orthogonal imagery are used as the newer imagery source for the production of building outline shapes.
- When using orthomosaic tiles for the newer imagery source, and if the customer has licensed it, EagleView uses AccuPLUS or aerotriangulated orthomosaic tiles for processing.
- When using individual frame orthogonal imagery, the most nadir frame for the specified location is used.

Product Deliverables

The Change Detection and Building Outline product includes delivery of:

- A “candidate” file provided in geodatabase and polygon shapefile formats containing the building outline shapes with attributes as a polygon feature class. *(This shapefile incorporates the area of decks when the customer selects to have decks included within the outline of the attached building.)*
- A Deck Location file provided in geodatabase and shapefile formats containing the point locations of all decks as a point feature class. *(This is provided only when the customer selects to have decks marked with a point.)*
- A Length of Building Sides shapefile containing the length of each building side as a polyline feature class.
- An Excel spreadsheet listing each building outline shape and the Change Detection results.
- Note: The coordinate system of these shapefiles matches that of the customer-provided Parcel or Boundary File.

Shapefile Attributes

“Candidate” polygon shapefile – The associated attribute table includes the following fields:

STATUS

Field Type – String; One of the following values is listed: Existing, Changed, New, Demolished or Unknown.

PARCEL FILE KEY

The name of this field matches the associated field in the customer’s parcel file (*as identified by the customer*) and contains the associated record ID. The delivered feature is linked to the record within the parcel file that the centroid of the delivered feature shape falls within, provided that the centroid lands within the delivered feature. For delivered feature shapes where the centroid does not land inside the feature shape OR the centroid does not land within any shape in the parcel file, the delivered feature is linked to the parcel shape record that covers the largest percentage of the delivered feature shape. This field is blank for customers that do not provide a digital parcel file for processing.

x,y (two separate fields)

Field type – Double; Identifies the geographic center (centroid) of the outline polygon

AREA

Field Type – Double. The area enclosed by the outline polygon in the unit of the map coordinate system.

PREV_AREA

Field Type – Double; The area enclosed by the original polygon in the unit of the map coordinate system. The value is populated only when the status of the outline is Changed.

PCT_CHANGE

Field Type – Double; Percent Change in area = (Area minus Prev_Area) divided by Prev_Area. The value is populated only when the Status of the outline is Changed.

COMMENT

Field Type – String; This field is blank and is left for the customer to populate as needed.

Deck Location shapefile (*provided only when decks are marked with a point*) – The associated attribute table includes the following fields:

PARCEL FILE KEY

The name of this field matches the associated field in the customer’s parcel file (*as identified by the customer*) and contains the associated record ID. This field is blank for customers that do not provide a digital parcel file for processing.

x,y (two separate fields)

Identifies the coordinate location of the point.

COMMENT

Field Type – String; This field is blank and is left for the customer to populate as needed.

Length of Building Sides Shapefile – The associated attribute table includes the following fields:

POLYGON_ID

Unique ID of polygon

SIDE_ID

Unique ID of side

PARCEL FILE KEY

The name of this field matches the associated field in the customer's parcel file (*as identified by the customer*) and contains the associated record ID. This field is blank for customers that do not provide a digital parcel file for processing.

STATUS

Status of change detection

START_X

X coordinate of start point for the side record

START_Y

Y coordinate of start point for the side record

END_X

X coordinate of end point for the side record

END_Y

Y coordinate of end point for the side record

LENGTH

Length of the side in the unit of the map coordinate system of the shapefile

ANGLE_CLK

Angle in a clockwise direction from X axis of the side record

ANGLE_CNT

Angle in a counterclockwise direction from X axis of the side record

AREA

Area of the polygon in the unit of the map coordinate system of the shapefile

Note Arcs are made up of multiple line segments. Each segment is considered a side. Interior wall lengths (*such as in a courtyard*) are not calculated.

Changed Status Definitions

Each building outline shape is classified and assigned as:

EXISTING

This is an unchanged building.

NEWER

This is a building that appears in the newer imagery, but not in the older imagery.

CHANGED

This is a building showing some addition or modification to its shape.

DEMOLISHED

This is a building that no longer exists.

UNKNOWN

The condition of the building cannot be determined from an analysis of the imagery.

Other Conditions

- These products are only available when using EagleView- produced imagery as the newer imagery source.
- All EagleView imagery to be used must be licensed or owned by the customer.
- These products are created using the information visible in the imagery specified for use.
- The produced Building Outlines correspond to the structure's roof edges in the newer imagery.
- The Building Outlines are positioned onto the imagery based on the roof location unless the base of the building is clearly visible, in which case the outline is shifted to align to the visible base.
- If available and licensed by the customer, EagleView may verify accuracy using oblique imagery, from the same data source as the orthogonal imagery being used for processing.
- All non-EagleView-sourced imagery must be submitted to and approved by EagleView prior to acceptance of an order for ChangeFinder products. The full imagery set provided for processing must be identical to the imagery samples submitted for approval in year, source, file format and GSD.
- The customer order specifies the method for identifying decks. Once production begins, the method for identifying decks cannot be changed.
- For optimal results from Change Detection, the newer imagery source should be of equal or better GSD than the older (*comparative*) imagery
- Specifications are based on use of 12-inch (30 cm) or better GSD EagleView-acquired imagery.

Change Detection and Building Outline Process Accuracy

Building Outline Positional Accuracy

- Positional accuracy: offset from the imagery less than or equal to five pixels
- Geometric accuracy: length of untraced edges less than or equal to five pixels
- Error rate: ratio of positionally or geometrically inaccurate buildings and missed buildings less than or equal to 0.5%

Change Detection Classification Accuracy

- The process is greater than 98% accurate – the standard error rate is 2% for false positives and 0.2% for false negatives.
- False positive rate: ratio of buildings with fault state for all Changed/New/Demolished buildings less than or equal to 2.0%
- False negative rate: ratio of buildings with fault state for Existing buildings less than or equal to 0.2%
- Errors resulting from horizontal inaccuracies in customer- provided imagery are excluded in the specifications.

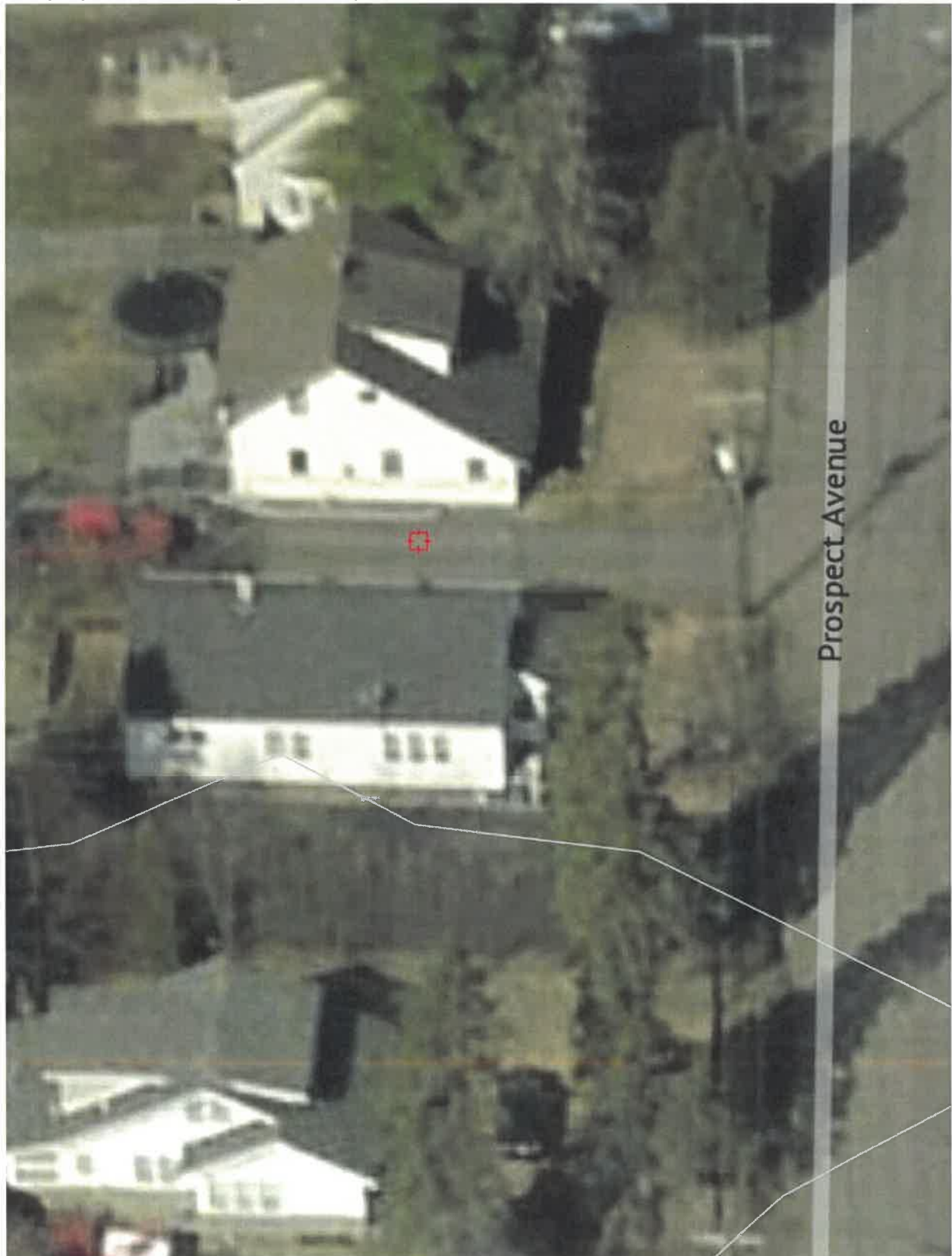
This is in the City of Coleraine with our current aerial photograph. This is the ortho view (from above) and has a 3' resolution:



This is in the City of Cloquet. Carlton County has a 6" aerial photograph of the entire county. This is the ortho view (from above)



Oblique photo as we navigate the compass tool to view the varying sides of the structure and area







Prospect Avenue





**ITASCA COUNTY
BOARD OF COMMISSIONERS**

Itasca County Courthouse
123 NE 4th Street
Grand Rapids, MN 55744

Tuesday, August 24, 2021

REQUEST FOR BOARD ACTION: RBA-2021-1749

DEPARTMENT: Administrative Services

PRESENTER: Tamara Lowney

TIME REQUESTED: 15 Minutes

AGENDA ITEM:

Broadband Presentation

BOARD ACTION REQUESTED:

Receive Broadband presentation.

BACKGROUND:

COUNTY ATTORNEY REVIEW: N/A

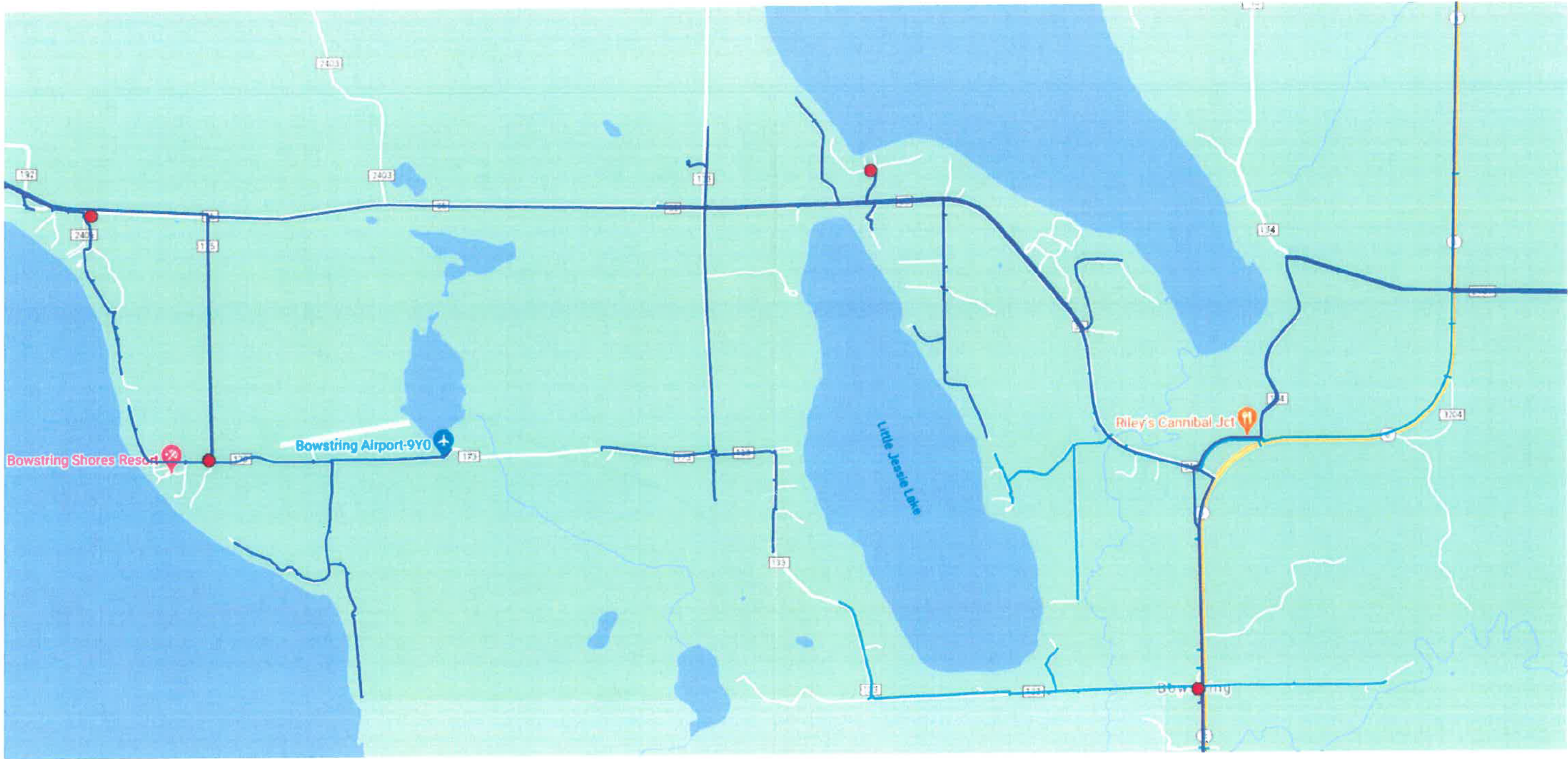
SUPPORTING DOCUMENTATION:

1. Arvig Handouts
2. Paul Bunyan Communications Handouts

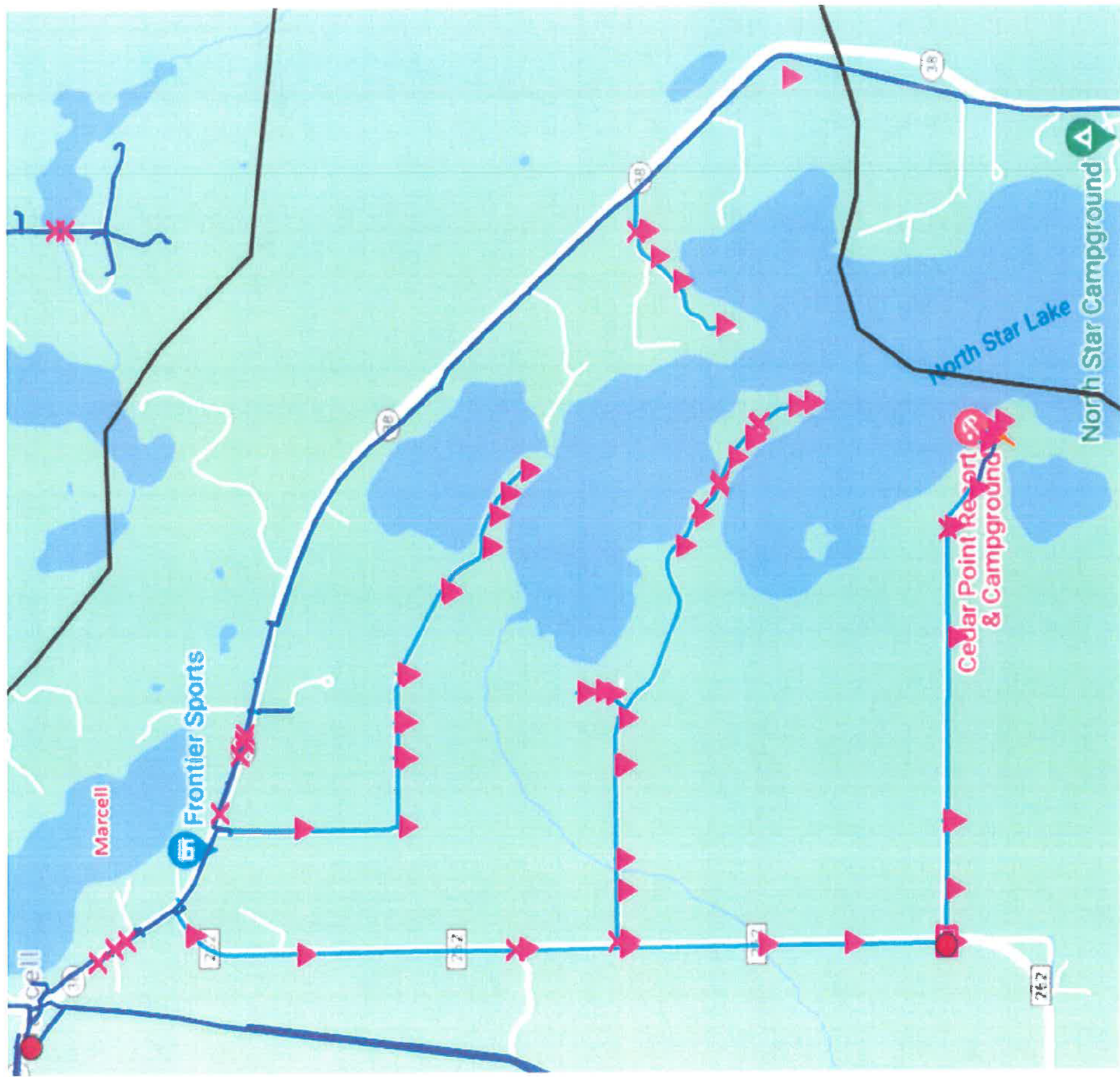
RESULT:

INFORMATIONAL - NO ACTION TAKEN

Bowstring - Little Jessie Lake Area



Marcell - Cedar Point Resort Area



Arcadia Resort Area



Bowstring Lake F I I H Project

Total Mainline Footage	28,348
Material per foot - Mainline	\$2.00
Labor per foot - Labor mainline	\$7.50
Material per foot - drops - 350' aver.	\$2.00
Labor per foot - drops - 350' aver.	\$4.00
Estimated Homes passed	28

Total for construction material-mainline	\$56,695.00
Total for construction labor-mainline	\$212,606.25
PON Cabinet, splitters, etc	\$0.00
Total for construction material-drops	\$19,600.00
Total for construction labor-drops	\$39,200.00
Equipment Cost per sub. - \$185	\$5,180.00
Total Cost	\$333,281.25

Cost per sub at 100%		\$11,902.90
Projected Take Rate %	75	\$15,870.54

East North Star Lake F I I H Project

Total Mainline Footage	16,388
Material per foot - Mainline	\$2.00
Labor per foot - Labor mainline	\$10.00
Material per foot - drops - 400' aver.	\$2.00
Labor per foot - drops - 400' aver.	\$3.50
Estimated Homes passed	7

Total for construction material-mainline	\$32,775.00
Total for construction labor-mainline	\$163,875.00
PON Cabinet, splitters, etc	\$10,000.00
Total for construction material-drops	\$5,600.00
Total for construction labor-drops	\$9,800.00
Equipment Cost per sub. - \$185	\$1,295.00
Total Cost	\$223,345.00

Cost per sub at 100%		\$31,906.43
Projected Take Rate %	75	\$42,541.90

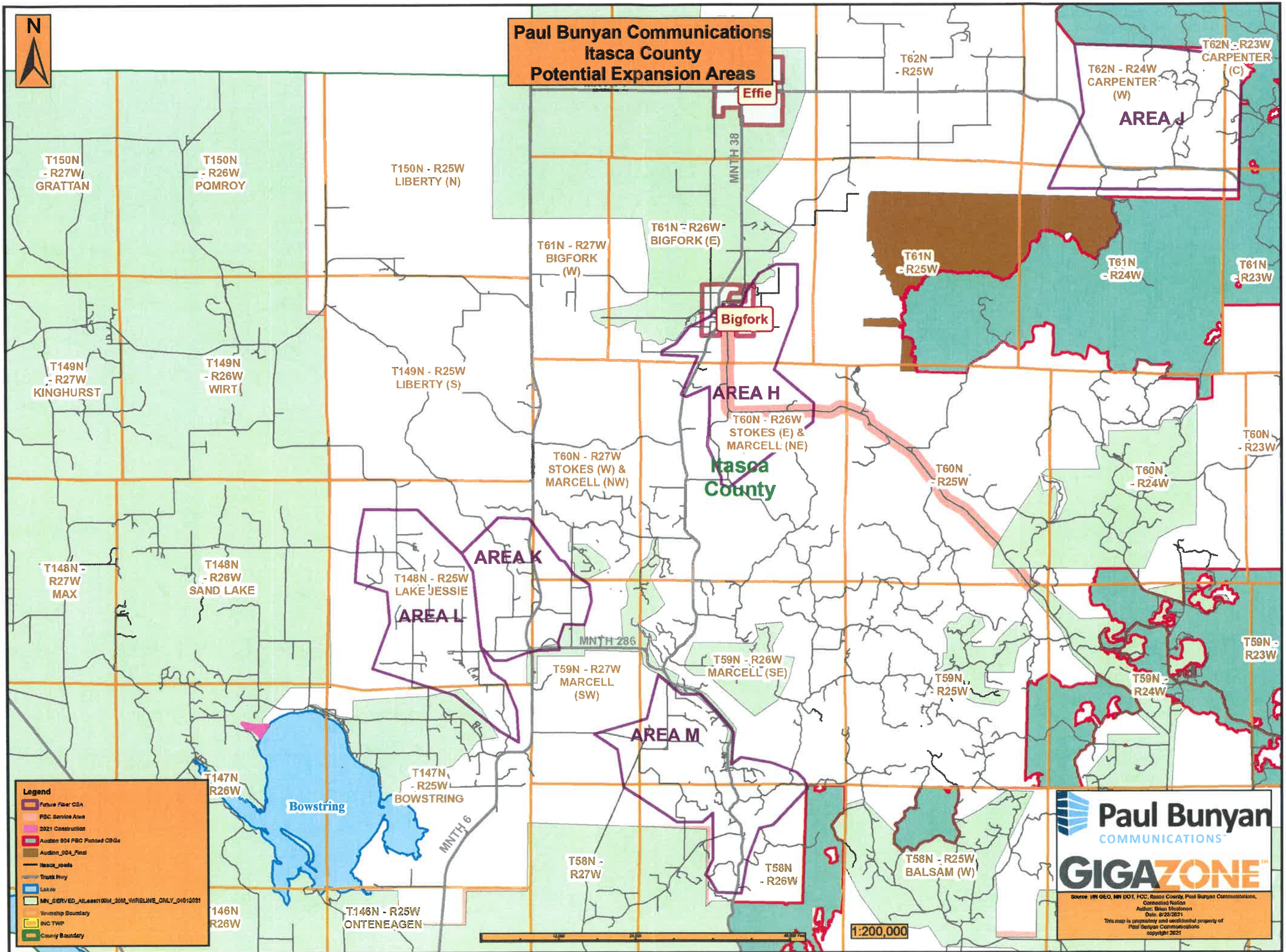
West North Star Lake F I I H Project

Total Mainline Footage	9,430
Material per foot - Mainline	\$2.00
Labor per foot - Labor mainline	\$10.00
Material per foot - drops - 800' aver.	\$2.00
Labor per foot - drops - 800' aver.	\$3.00
Estimated Homes passed	10

Total for construction material-mainline		\$18,860.00
Total for construction labor-mainline		\$94,300.00
PON Cabinet, splitters, etc		\$10,000.00
Total for construction material-drops		\$16,000.00
Total for construction labor-drops		\$24,000.00
Equipment Cost per sub. - \$185		\$1,850.00
Total Cost		\$165,010.00
Cost per sub at 100%		\$16,501.00
Projected Take Rate %	75	\$22,001.33



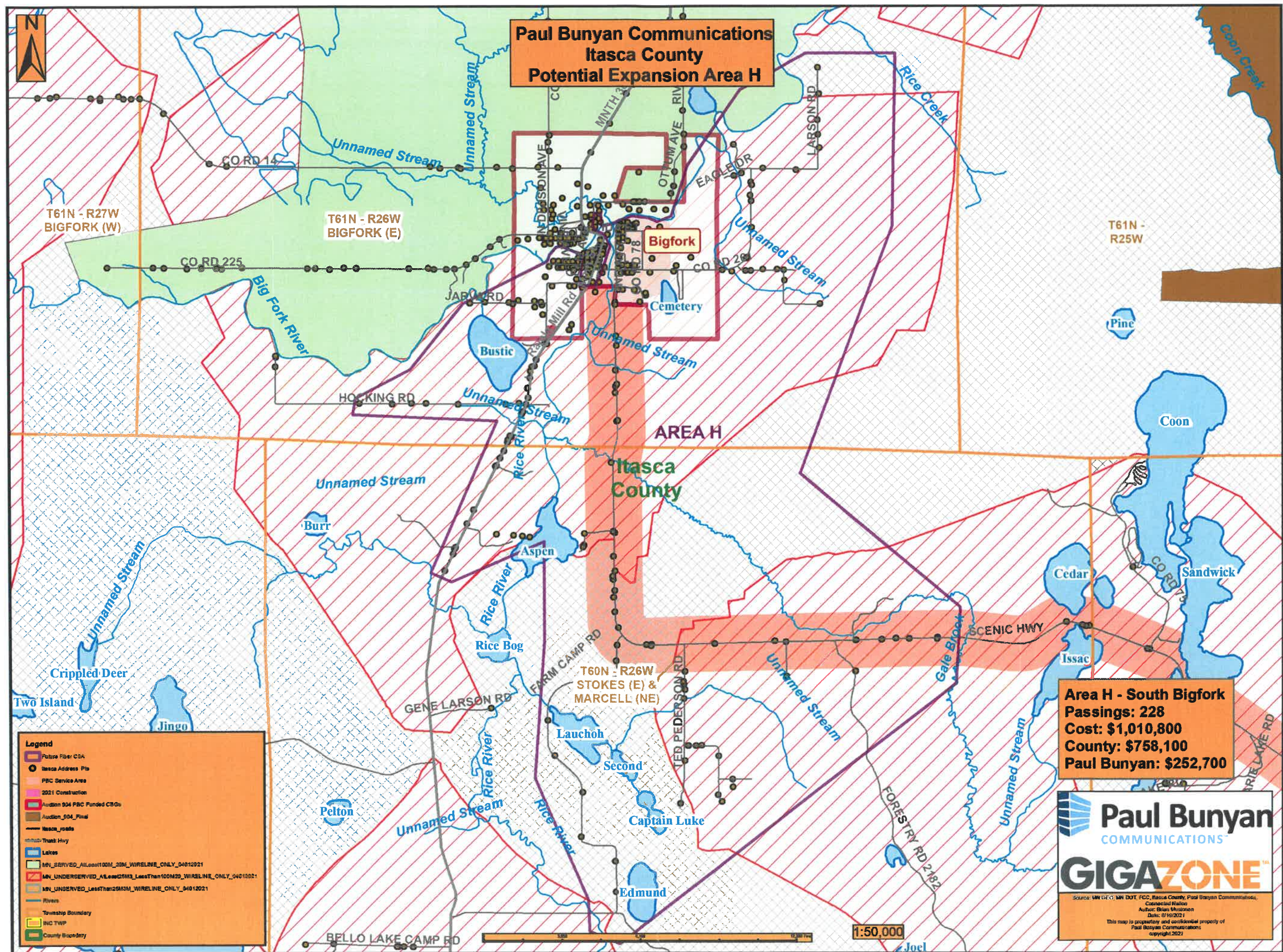
Paul Bunyan Communications Itasca County Potential Expansion Areas

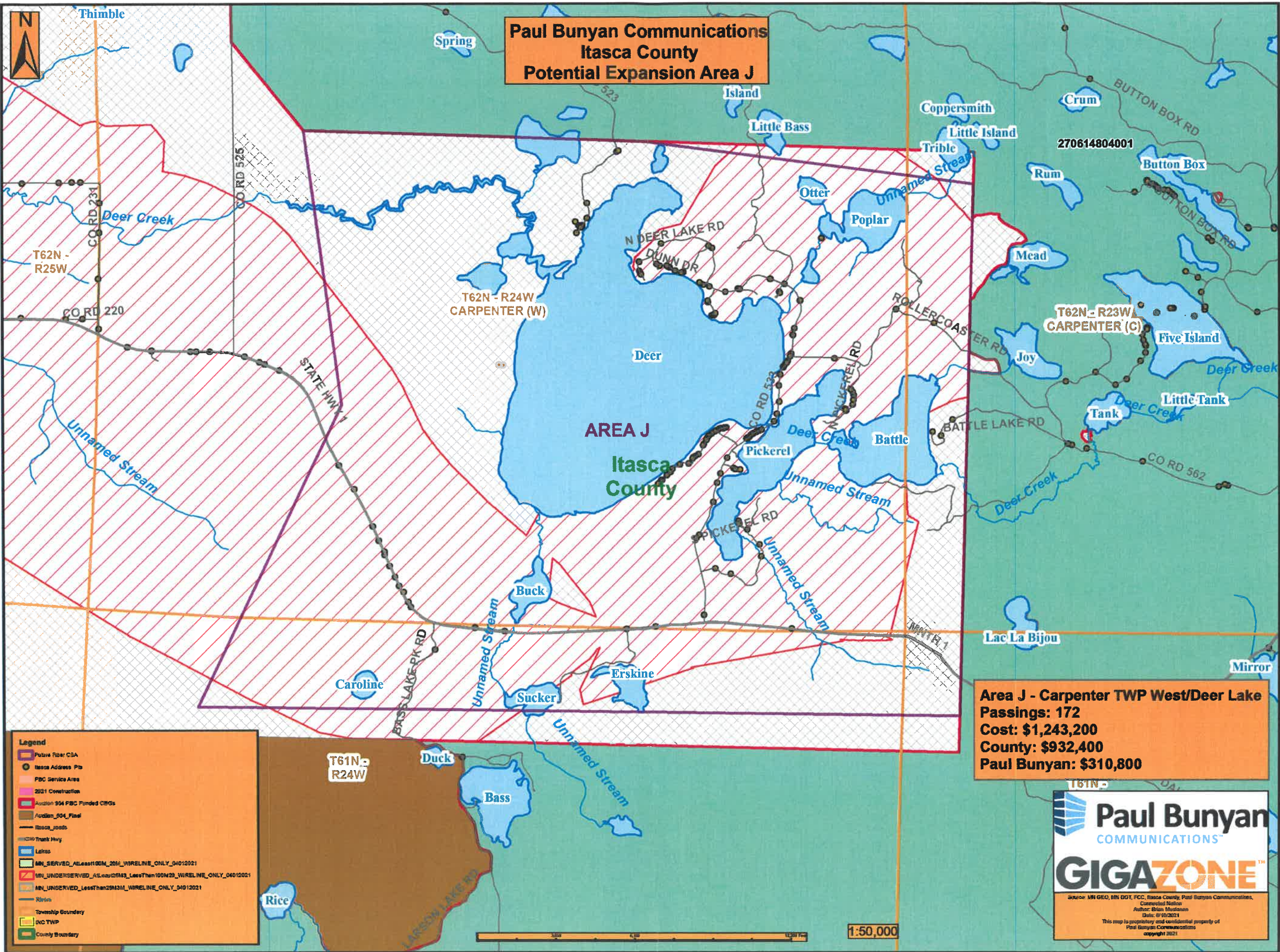


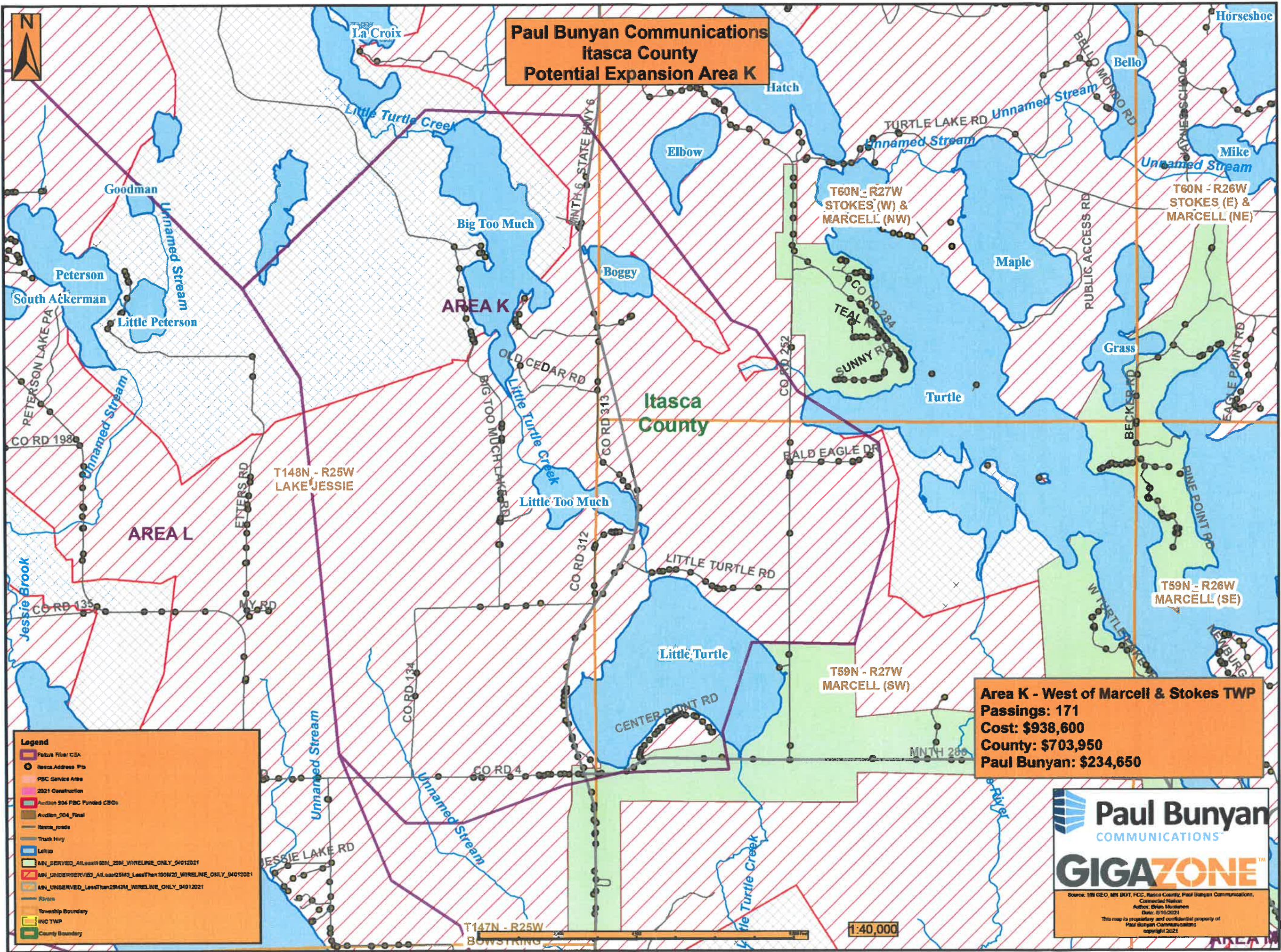
Paul Bunyan
COMMUNICATIONS™

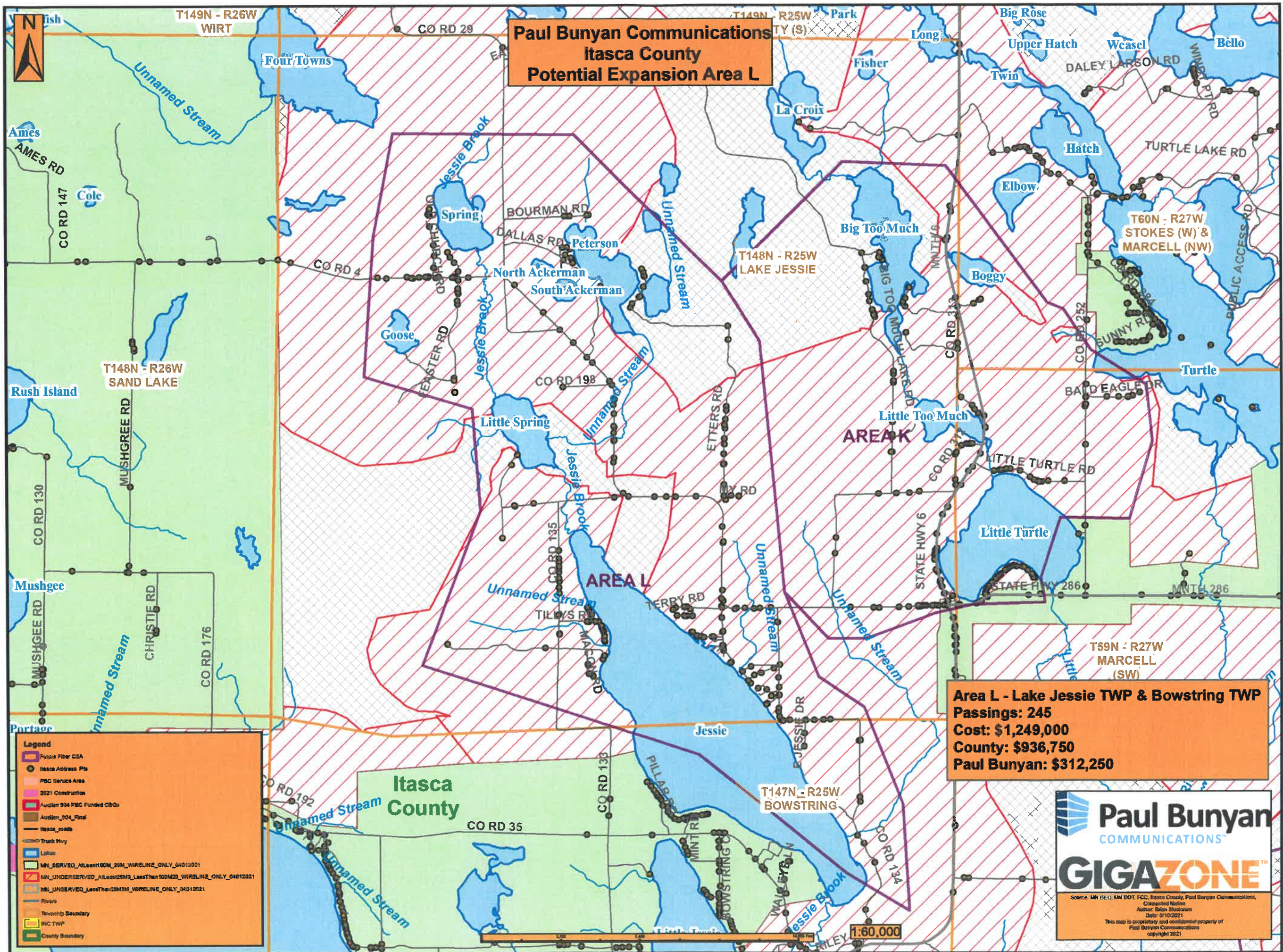
GIGAZONE™

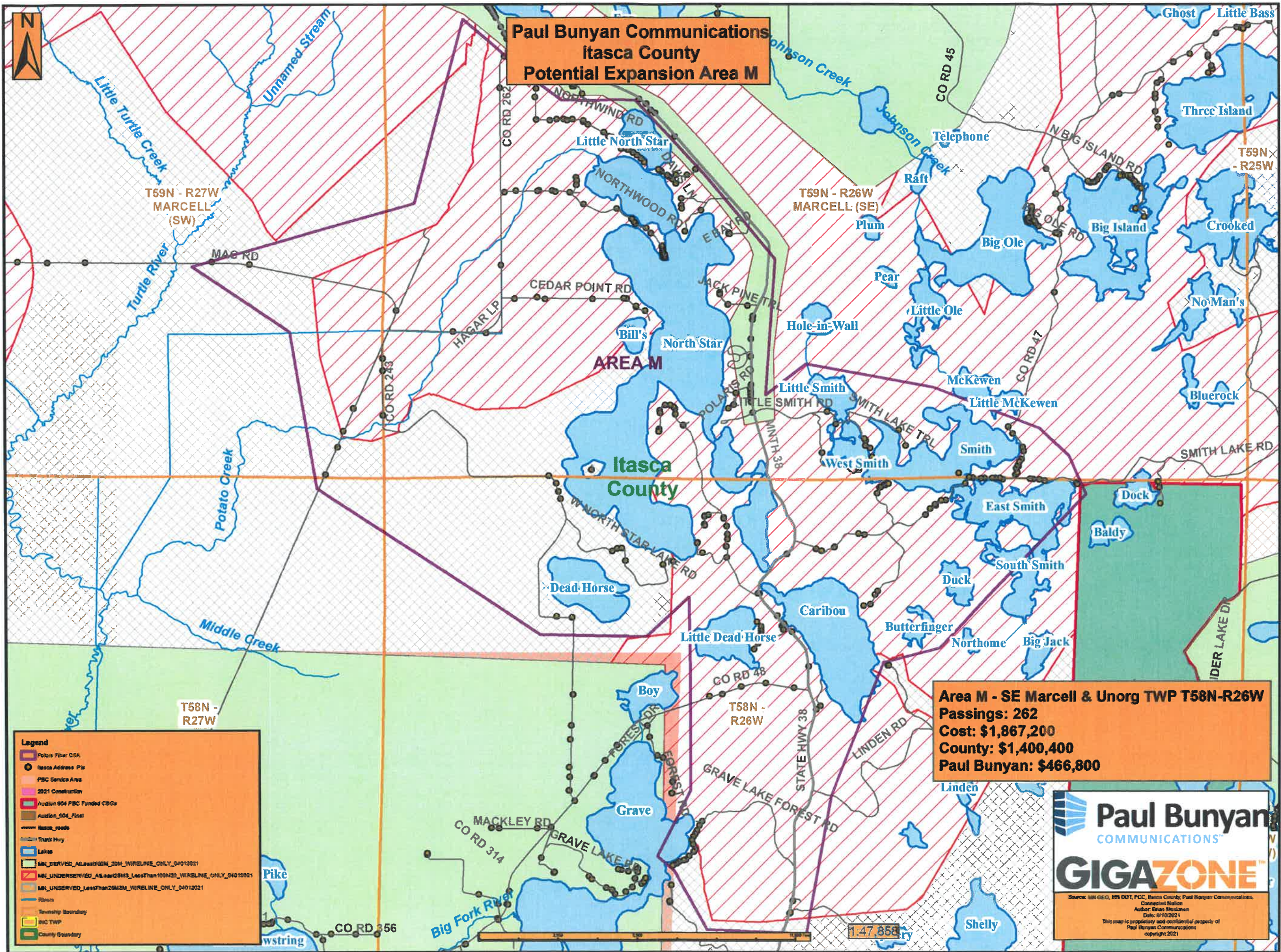
Source: MN GEO, MN DOT, FCC, Itasca County, Paul Bunyan Communications, Connected Nation
Author: Brian Mustonen
Date: 8/22/2021
This map is proprietary and confidential property of Paul Bunyan Communications copyright 2021











**Paul Bunyan Communications
Itasca County
Potential Expansion Area M**

Area M - SE Marcell & Unorg TWP T58N-R26W
Passings: 262
Cost: \$1,867,200
County: \$1,400,400
Paul Bunyan: \$466,800

Paul Bunyan
COMMUNICATIONS™

GIGAZONE™

Source: MN GEO, MN DOT, FCC, Itasca County Paul Bunyan Communications, Connected Nation
Author: Brian Mustonen
Date: 8/10/2021
This map is proprietary and confidential property of Paul Bunyan Communications copyright 2021



**ITASCA COUNTY
BOARD OF COMMISSIONERS**

Itasca County Courthouse
123 NE 4th Street
Grand Rapids, MN 55744

Tuesday, August 24, 2021

REQUEST FOR BOARD ACTION: RBA-2021-1693

DEPARTMENT: Administrative Services

TIME REQUESTED: < 5 Minutes

PRESENTER: Chair

AGENDA ITEM:

Schedule Special Session

BOARD ACTION REQUESTED:

Schedule Special Session Re: American Rescue Plan (ARP) Funding.

BACKGROUND:

COUNTY ATTORNEY REVIEW: N/A

SUPPORTING DOCUMENTATION: None

It was the consensus of the County Board to schedule a Special Session Re: American Rescue Plan (ARP) Funding on Tuesday, October 26, 2021 beginning at 1:30 PM in the Boardroom of the Itasca County Courthouse.